

# **Neglected Science: Expanding the Horizons of Science - Chapter III**

## **Ebook - Chapter III**

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 Mohammed Abdul Zaher  
 Mohammed Nizamuddin  
 Mohammed Zaka ur Rab  
 Morakot Tanticharoen  
 Mudumbai Seshachalu Narasimhan  
 Muhammad Afzal Hussain Qadri  
 Mustafa Shameel  
 Muthuvelu Nadchatram  
 Mysore Ananthamurthy Viswamitra  
 Nadia Awni Sakati  
 Nadim Farid Safatle  
 Namio Uesugui  
 Nanasaheb Ramji Tawde  
 Nanoo Ravi  
 Narayana Krishna Pillai  
 Nayef Emile Saade  
 Nei Fernandes de Oliveira Jr.  
 Nelly Vittet  
 Nelson Onuchic  
 Nelson Papavero  
 Nelson Vaz  
 Nerio Rojas  
 Neville Stuart Pillans  
 Newton Dias dos Santos  
 Nicim Zagury  
 Nicola Petraghiani  
 Nicolas Osorio  
 Nicolas Puente Duany  
 Nicolas Rojas Acosta  
 Nicolau & Delir Serra Freire  
 Nobuko Yoshida  
 Nobuo Oguri  
 Nora Sabattini  
 Norma Luiza Wurdig  
 Norman Sapeika  
 Noshir Hormusjee Wadia  
 Nuno Alvares Pereira  
 Odriozola family  
 Oliveira family  
 Olivério Pinto  
 Orfilio Pelaez  
 Orlando Eugenio Villamayor  
 Orlando Rangel  
 Oscar Rosler  
 Oscar Sala  
 Oscar Tovar  
 Osvaldo Alfredo Reig  
 Oswald Otto Popper  
 Oswaldo Luiz Ramos  
 Oswaldo Ramírez  
 Oswaldo Sala  
 Oswaldo Vital Brazil  
 Otto Schubart  
 Otto Wucherer  
 Otto Zoellner  
 Ovidio Rebaudi  
 P. Susai Nathan  
 P.C. Suratman  
 P.L. Narasimha Rao  
 P.P. Satsangi  
 Pablo Negroni  
 Pablo Rudomin  
 Pablo Valenzuela Valdés  
 Palle Rama Rao  
 Pandurang Vasudeo Sukhatme  
 Pang-hwa Tsai  
 Pannuri Rama Rao  
 Paris Pismis  
 Parodi family  
 Parodi family II  
 Pascual Palazzo  
 Pasumamula Narayan Rao  
 Patcha Ramachandra Rao  
 Patrick Henry Brabazon Talbot  
 Paul Andries Van der Byl  
 Paulino Recch  
 Paulo Augusto Silva Veloso  
 Paulo da Cunha Nóbrega  
 Paulo Emilio Vanzolini  
 Paulo Nogueira Neto  
 Paulo Ribenboim  
 Paulo Sawaya  
 Paulo Seabra  
 Paulus Aulus Pompeia  
 Pavlovsky family  
 Peckolt  
 Pedrito Silva  
 Pedro Antonio Valdés Sosa  
 Pedro Elías Zadunaisky  
 Pedro Miguel Ruiz Carranza  
 Pedro Nava  
 Pedro Nicolas Stipanovic  
 Pedro Nowosad  
 Pedro Ortiz Valdivieso  
 Pedro Padilla  
 Pedro Paulet

Pedro Ruiz Gallo  
Pedro Scalabrini  
Peishan Zhang  
Peisong Tang  
Peisu Xia  
Peter Heinrich Polemann  
Peter Seeligmann  
Phaibul Naiyanetr  
Phelps family  
Philip Arthur Silverstone  
Philippe Rasoanaivo  
Philippi family  
PHILIPPINES  
Phillip Valentine Tobias  
Pierfelice Ravenna  
Pirovano family  
Pisharoth Rama Pisharoty  
Plinio Pinto e Silva  
Plutarco Naranjo  
Poey family  
Pontis Videla Family  
Prafulla Chandra Ray  
Prahlad Chunilal Vaidya  
Prawase Wasi



# A. Ranga Rao

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Anne Ranga Rao, Indian geologist and paleontologist (Krishna District, Andhra Pradesh State 10 October 1930 – Dehra Dun, Uttarakhand State 1999)

## DESCRIBED FOSSIL MAMMALIAN TAXA

### Genera

*Auxalophus* 1972

*Indohyus* 1971

*Kalakotia* 1972

*Paratritemnodon* 1973

### Species

*Auxalophus quadrangularis* 1972

*Hyrachus asiaticus* 1973 with Obergfell

*Indohyus indirae* 1971

*Kalakotia simplicidentata* 1972

*Khirtharia inflata* 1972

*Kunmumella kalakotensis* 1971

*Paratritemnodon indicus* 1973

### Others

**Brachiopoda** (with Waterhouse 1989)

### Genus

*Lamniplica* 1989

### Species

*Arctitreta bapensis*

*Lamniplica punctata*

*Strophalosia perfecta*

## HONORS (Fossil Mammalia)

*Raoella* Sahni & Khare 1971 (Fossil Mammalia)

*Obergfellia* Cooper, Seiffert, Clements, Madar, Bajpai, Hussain & Thewissen 2014

His spouse, Friedlinde Albertine Obergfell, German paleontologist (Germany 24 November 1915 – Dehra Dun, Uttarakhand State 2007)

## Described Mammalian Fossil Species

*Andegameryx serum* 1957

*Hyrachus asiaticus* 1973 with Ranga Rao

*Procervulus praelucidus* 1957

## HONORS

*Obergfellia* Cooper, Seiffert, Clements, Madar, Bajpai, Hussain & Thewissen 2014 (Fossil Mammalia)

# A.K.M. Nurul Islam

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Abul Khayer Mohammed Nurul Islam, Bengali phycologist and hydrobiologist (Natore District, Rajshahi Division, 27 October 1928 – Dhaka 01 July 2006)

Described the valid genus *Kirchnerielloxanthus* 1969 (Chlorophyta) and about 300 new algal species and varieties

# Abbas Shafiee

June 26, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Abbas Shafiee, Iranian pharmaceutical and organic chemist (01 September 1937 – 15 June 2016)

Authored 473 papers, 8 essays and 5 books

## CONTRIBUTIONS

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With A. Mazloumi & V. I. Cohen. [Selenium Heterocycles XXVIII, Synthesis of pyrrolo\[3,2-d\]selenazole and Pyrrolo\[3,2-d\]thiazole. Two Novel Heterocycles](http://tums.ac.ir/faculties/shafieea?paperid=18977) See <http://tums.ac.ir/faculties/shafieea?paperid=18977>. J. Heteroc. Chem 16:1563, 1979

With E. Behnam. [Selenium Heterocycles XXVI. Synthesis of Thieno\[3,4-b\]benzofuran and Selenolo \[3,4-b\]benzofuran. Two Novel Heterocycles](http://tums.ac.ir/faculties/shafieea?paperid=18945) See <http://tums.ac.ir/faculties/shafieea?paperid=18945>. J. Heteroc. Chem, 15:589, 1978

With A. Mazloumi. [Selenium Heterocycles XXVII. Synthesis of Thieno\[3,4-d\]thiazole and Selenolo\[3,4-d\]thiazole. Two Novel Heterocycles](http://tums.ac.ir/faculties/shafieea?paperid=18964) See <http://tums.ac.ir/faculties/shafieea?paperid=18964>. J. Heterocyclic Chem 15:1455, 1978

[Selenium Heterocycles XXV. Synthesis of Thieno\[3,4-b\]\[1,2,3\]thiadiazole, Selenolo\[3,4-d\]\[1,2,3\]thiadiazole and Pyrrolo\[3,4-d\]\[1,2,3\]thiadiazole. Three Novel Ring Systems](http://tums.ac.ir/faculties/shafieea?paperid=18947) See <http://tums.ac.ir/faculties/shafieea?paperid=18947>. J. Heterocyclic Chem (1978)

With I. Lalezari & F. Savabi. [A facile synthesis of 5-substituted 1,3 thiaselenole 2 thiones](http://tums.ac.ir/faculties/shafieea?paperid=18893). Synthesis (1977)

With I. Lalezari & F. Savabi. [A new synthesis of dimethyl-4-arylselenophene-2,3-dicarboxylates](http://tums.ac.ir/faculties/shafieea?paperid=18893). Synthesis (1977)

[Synthesis of 1,2,3-thiadiazolo \[4,5-d\]pyridazines. A new heterocyclic ring system](http://tums.ac.ir/faculties/shafieea?paperid=18893). J. Heteroc. Chem. 13:301, 1976

With I. Lalezar & M. Yalpani. [A simple New Synthesis of Arylalkynes](http://tums.ac.ir/faculties/shafieea?paperid=18893) See <http://tums.ac.ir/faculties/shafieea?paperid=18893>. Angew. Chem 9:46, 1970

[A Novel Synthesis of Selenium Heterocycles: Substituted 1,2,3-selenadiazoles; Tetrahedron Lett \(1969\)](http://tums.ac.ir/faculties/shafieea?paperid=18893)

# Abdel Fattah Youssef

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Abdel Fattah Youssef, Egyptian gynecologist

Described Youssef syndrome or post-cesarean vesico-uterine fistulae

Menouria following lower segment cesarean section: a syndrome. Am.J. Obst. Gynecol. 73:759-67, 1957

A new technique for correlation of retroversion-flexion of the uterus by the vaginal route. J. Obst. Gynaecol. Br. Emp. 67:485-9, 1960

## SOME BIBLIOGRAPHY

Atlas of gynaecological diagnosis (1984)

With M.M. Fayad & M.A. Shafeek. Bilharziasis of the cervix uteri. J. Obst. Gynaec. Brit. Comm. 77(9):847-51, 1970

With M.S. Foda, M.A. Shafeek & K.A. Kassem. Hysterography in diagnosis of abnormalities of the uterus. Br.J. Radiol. 35:115-21, 1962

With M.M. Fayad & M.A. Shafeek. The diagnosis of genital bilharziasis by vaginal cytology. Amer. J. Obst. Gynec. 83:710, 1962

With M.M. Fayad & M.A. Shafeek. Torsion of the fallopian tube. A clinico pathological study. Acta Obst. Gynec. Scand. 41:292-309, 1962

With M.S. Foda & M.A. Shafeek. Malignant theca cell tumor of the ovary. J. Obst. Gynaecol. Br. Comm. 68:982, 1961

The uterine isthmus and its sphincter mechanism: a clinical and radiographic study. Am. J. Obst. Gynec. 79:1161, 1960

The use of bromelain in normal and abnormal labour. Gaz. Egypt. Soc. Gynaec. Obst. 10(1):37-45, 1960

Drug effect on the female bladder and its sphincter mechanism. Obst. Gynec. 13(1):61-73, 1959

With F.H. Abdine. Bilharziasis of the pregnant uterus. J. Obst. Gynaecol. Br. Emp. 65(6):991-3, 1958

The uterine isthmus under abnormal conditions. Amer. J. Obst. 75:1320, 1958

Further observations on incontinence of urine. Gaz. Egypt. Soc. Gynaec. Obst. 8:32-51, 1958

Entdeckung von bilharziasis der cervix uteri durch Routinekdpostopie geburtshilfe und frauenheilkunde (1957)

Cystometric studies in gynecology and obstetrics. I. Obst. Gynec. 8(2):181-8, 1956

With M. Mahfouz Mahmoud. Sphincterography. J. Obst. Gynaec. 19: 1956

With G.S. Barsoum. Vomitting of pregnancy: allergic factor. J. Obst. Gynaec. Brit. Emp. 60:388, 1953

# Abdus Salam

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Abdus Salam, Pakistani physicist and mathematician (Santok Das village, Sahiwal district, Punjab Province 29 January 1926 – Oxford, England 21 November 1996)

## ACHIEVEMENTS

Predicted parity violation in weak interaction independent from Lee & Yang and Landau (1956)

Introduced chiral symmetry in the neutrino's theory

Theorized the existence of proton decay

With S. Glashow and J. Goldstone proved mathematically the Goldstone's theorem

With S. Weinberg first to apply Higgs mechanism to electroweak symmetry breaking (1964)

Predicted magnetic photon (1966)

Predicted existence of weak neutral currents, Z particles and W particles (1967)

Named electroweak force (1967)

With S. Weinberg and S. Glashow unified weak and electromagnetic forces

With Jogesh Pati proposed that nuclear forces occur in unification (1971) and developed Pati-Salam model in particle physics (1973)

With John Strathdee introduced the notion of superspace (1974)

With J. Weiss, B. Zumino & J. Strathlee discovered the supergravity (1974)

## HONORS

Physics Nobel Prize (1979)

## LINKS

[HTTP://en.wikipedia.org/wiki/Abdus\\_Salam](http://en.wikipedia.org/wiki/Abdus_Salam) See [http://en.wikipedia.org/wiki/Abdus\\_Salam](http://en.wikipedia.org/wiki/Abdus_Salam).

<http://www.alislam.org/library/salam-1.html>

# Abel Ambrosio Sarasola

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Abel Ambrosio Sarasola, Argentine plant pathologist (1912 – ?)

Authored some papers with his wife Maria Amalia Rocca de Sarasola

## DESCRIBED

### NEW DISEASES

With M.A.Rocca de Sarasola. Una enfermedad de la lechuga producida por *Stemphylium botryosum* en la Argentina. Rev. Fac. Agr. La Plata 33:83-91, 1957

Nueva enfermedad del olivo en la Argentina causada por *Cercospora cladosporioides* Sacc. Rev. Fac. Agr. La Plata 41-7, 1951

*Alternaria tenuis* Nees como etiológico de una nueva enfermedad del olivo. Lilloa 21:7-24, 1949

Dos enfermedades semejantes causadas por *Botrytis cinerea* y *Ovularia viciae* en las alverillas forrajeras (*Vicia* spp.). Dagü 3(3), 1946

Dos septorios de las alamedas argentinas. Rev. Arg. Agron. 2:20-43, 1944

Una nueva enfermedad de los manzanos en el Delta del Paraná

## METHODS

With M.A.Rocca de Sarasola. Técnica simple para seleccionar productos aptos para predisposición química y quimioterapia en patología vegetal. Bol. Soc. Arg. Bot. 28(1-2):138-44, 1977

With M.A.Rocca de Sarasola. Nuevos tratamientos contra el torce del Duraznero en la Argentina. Rev. Invest. Agric. Buenos Aires 13:111-6, 1959

Un método práctico para el cultivo aseptico de plantas (1946)

# Abel Antonio Peirano

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Abel Antonio Peirano, Argentine geologist and petrographer (Buenos Aires 05 June 1896 – San Miguel de Tucumán 10 July 1969)

Authored over 60 works

Collected new animal, plants and fossil species beyond archaeological artifacts

## SOME BIBLIOGRAPHY

Observaciones generales sobre la tectónica y los depositos terciarios del cuadrángulo 26°S-64° 30W° 28°G'S-67°W en el noroeste argentino. Acta Geol. Lilloana (1956)

Consideraciones sobre las rocas mixtas magmático-metamórficas de las “Sierras Pampeanas” del noroeste argentino. Cuad. Miner. Geol. 4(14):77-103, 1945

Agua del Dionisio. Um centro volcanico moderno em el distrito Hualfín, Depto. Belén, Prov. Catamarca. Cuad. Miner. Geol. 3:12, 1944-5

Estudio geológico de la Sierra de la Ramada, Depto de Burruyacu, Prov. Tucumán. Cuad. Miner. Geol. 3(11):33-63, 1944

Estudio geológico de la Quebrada de Amaicha, Departamento de Tafí, Provincia de Tucumán. Cuad. Miner. Geol. 4(14), 1943

Algunos yacimientos de fósiles de la parte central del valle de Santa María y del valle del Cajón (Provincias de Tucumán y Catamarca). Cuad. Miner. Geol. 3, 1943

Estudio geológico de la cuenca de Tafí y las serranías aledañas (Consideraciones especiales sobre la tectónica de la parte occidental de la provincia de Tucumán). Cuad. Miner. Geol. 3, 1943

Capas Terciarias de sal comun en el Valle de Santa María (Parte Salteña). Pub. Univ. Nac. Tucumán (1943)

Ensayo sobre orogenia y tectónica general de las Sierras del Nordeste de la Provincia de Tucumán y del extremo subcentral de la de Salta. Cuad. Miner. Geol. 2(6):11-37, 1939

La antigua zona minera del Agua de Dionisio. Cuad. Miner. Geol. 1(1):41-46, 1938

Estructura sencilla y relieve complicado de la Sierra de la Ramada. Cuad. Mine. Geol. 1:10-14, 1938

Termas sobre el noroeste argentino. Rvta. Ingen. Centro Graduados Profes. Ing. (1932)

## HONORS

*Peiranoa* Castellanos 1946 (Fossil Mammalia)



# Abraham Willink

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Abraham Willink, Dutch-born Argentine entomologist (Drachten, Friesland Province 13 January 1920 – San Miguel de Tucumán 08 February 1998)

## DESCRIBED HYMNENOPTERA TAXA

### Genera

*Araucodynerus* 1968

*Carlobembix* 1958

*Cuyodynerus* 1968

*Incodynerus* 1968

### Species

About 75

## HONORS

*Willinkia* Bondar 1949 (Coleoptera)

*Willinkiella* Menke 1968 (Hymenoptera)

*Willinkapis* Moure 1953 (Hymenoptera)

# Abrahão Rotberg

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Abrahão Rotberg, Brazilian dermatologist (Rio de Janeiro 12 January 1912 – São Paulo 01 November 2006)

From Jewish Romanian parents

Internationally known on leprosy allergy and immunology

Authored about 200 scientific and popular works

Distinguished tuberculoid leprosy and Virchowian leprosy (1933)

Demonstrated the value of Mitsuda reaction forecast (1934)

Proposed the existence of a genetic factor of natural resistance to leprosy (factor N of Rotberg) and hansen-nergic fringe of susceptibility to disease

Some aspects of immunity in leprosy and their importance in epidemiology, pathogenesis and classification of forms of the disease; based on 1529 lepromin tested cases. Rev. Bras. Leprol. Suppl. 5:45-97, 1937

Fator N de resistência à lepra e relações com a reatividade lepromínica e tuberculínica. Valor duvidoso do BCG na imunização antileprosa. Rev. Bras. Leprol. 25:85-106, 1957

Developed Rotberg-Bechelli technique for preparation of Mitsuda antigen

Tratado de Leprologia II. Etiopatogenia e Anatomia Patológica (1944)

# Abundio Sagastegui Alva

June 27, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Abundio Sagastegui Alva, Peruvian botanist and geographer (Guzmango, Contumazá Province, Cajamarca Dept 23 October 1932 – Trujillo, Trujillo Province, La Libertad Dept. 26 October 2012)

## DESCRIBED PLANTAE TAXA

### Genera (with Dillon)

*Caxamarca* 1999

*Jalcophila* 1986

*Parachionolaena* 1992

*Pseudoligandra* 1990

### Species

About 100

## HONORS

International Biographic Center (2005)

Associate Researcher, Field Museum of Natural History (Chicago)

Associate Researcher, Ohio State University of Columbus

Associate Researcher, University of Chicago

Honor Medal, English Biodiversity Institute

# Adalberto Antonio Varela Freire

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Adalberto Antonio Varela-Freire, Brazilian entomologist (Seridó, Rio Grande do Norte State 01 April 1949 – Natal 21 January 2012)

## SOME BIBLIOGRAPHY

With A.C.J. Camara, H.M.S. Valadares, A.M. Macedo, D.A. D'Ávila & C.R. Machado. Genetic analyses of *Trypanosoma cruzi* isolates from naturally infected triatomines and humans in northeastern Brazil. *Acta Trop.* 115:205-11, 2010

With H.T.A. Andrade, M.A. Batista & J.F. Medeiros. Calliphoridae (Diptera) from human cadavers in Rio Grande do Norte State, northeastern Brazil. *Neotrop. Entomol.* 34(5):855-6, 2005

With J.A. Duarte Jr & C.S. Motta. Sphingidae (Lepidoptera) da Estação Ecológica do Seridó, Serra Negra do Norte, Rio Grande do Norte, Brasil. *Entomol. Vetores* 68(3):341-7, 2001

Levantamento entomofaunístico da Estação Ecológica do Seridó, Serra Negra do Norte, RN. *Rev. Biociências* 1(1):35-48, 1995

## HONORS

*Varelasminthurus* Silva, Palacios Vargas & Bellini 2015 (Collembola)

# Adel Barreto Pinto

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Adel Barreto Pinto, Brazilian railway engineer (São Gabriel, Rio Grande do Sul State 12 June 1859 – Rio de Janeiro 20 April 1927)

Several discoveries and mechanical inventions attributed to him

## PATENTS

A new method of preserving meat, fats, birds and other foods employing electricity (1891)

Fat maintenance (1893)

Process for preserving meat CA47814A (1895)

Signalling for railroads (1903) & (1907)

Exploitation of electric power produced by train for railroad signalling (1903)

Hydraulic elevator for electricity output (1905)

Maintenance, sterilization and transportation of dairy products, juices and wines (1906)

Electric sign for railroads (1907)

Adel automated block system to avoid railroad collisions (in Brazil and abroad)

# Adelmo Scivittaro

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Adelmo Scivittaro, Brazilian agronomist and entomologist (27 May 1932 –

## DESCRIBED COLEOPTERA TAXA

### Genera

*Schoenfeldtiopsis* 1977 with Soares

*Taphroderoides* 1975

*Taphroderopsis* 1975

### Species

#### (with Soares)

*Claeoderes kirschi* 1977

*Hyperephanus proseni* 1977

*Hyphantus dentipes* 1977

*Hyphantus desbrochersi* 1977

*Hyphantus diringshofeni* 1977

*Hyphantus ignotus* 1977

*Hyphantus inoratus* 1977

*Hyphantus sulcatus* 1977

*Hyphantus vaurieae* 1977

*Hyphantus zikani* 1977

*Nemobrenthus bechynei* 1979

*Nemobrenthus pereirai* 1979

*Proteramocerus appendiculatus* 1972

*Proteramocerus forcipula* 1972

*Schoenfeldtiopsis zikani* 1977

#### (Alone)

*Hephebocerus soaresi* 1981

*Monrosiaia inpai* 1976

*Monrosiaia kleinei* 1975

*Monrosiaia monicae* 1975

*Monrosiaia sulcata* 1978

*Monrosiaia walkyriae* 1975

*Taphroderes bolivianus* 1975

*Taphroderes dimidiatus* 1975

*Taphroderes monnei* 1975

*Taphroderes venezuelanus* 1975

*Taphroderopsis abdominalis* 1975

*Taphroderopsis bicolor* 1975

*Taphroderopsis claviger* 1975

*Taphroderopsis goianus* 1975

*Taphroderopsis mammillatus* 1975

*Taphroderopsis marisae* 1975

*Taphroderopsis mendax* 1975

*Taphroderopsis patriciae* 1975

*Taphroderopsis similis* 1975

*Taphroderopsis soaresi* 1975

*Taphroderopsis ubirajarai* 1975

# Adilson Dias Paschoal

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Adilson Dias Paschoal, Brazilian agronomist and acarologist (08 November 1941-

## DESCRIBED ACARI TAXA

### Valid Families

Aleurodamaeidae 1985 with Johnston

Hammeriellidae 1989

Idiodamaeidae 1987

Lyrifisselidae 1989

Nooliodidae 1989

Pheroliodidae 1987

Pedrocortesellidae 1987

### Genera

*Adrodamaeus* 1982

*Andesperuviella* 1989

*Calipteremaeus* 1987

*Hammeriella* 1989

*Hexachaetoniella* 1987

*Johnstonella* 1982

*Lopheremaeus* 1988

*Lopholiodes* 1987

*Lyrifissella* 1989

*Nooliodes* 1989

*Novazelandiella* 1989

*Octoliodes* 1987

*Odontodamaeus* 1982

*Paralopheremaeus* 1987

*Pleodamaeus* 1982

### Species

43 between Acari and Insects

# Adolfo Martins Penha

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Adolfo Martins Penha, Brazilian veterinarian (Rio de Janeiro 1904 – São Paulo 09 January 1990)

Developed a vaccine for calves diarrhea

Modified the method of preparation of crystal violet phenol vaccine introducing glycerine or D'Apice method (1944)

With R. Cury & M. D'Apice. Vacina contra a peste suína. Técnica de preparo. Factores que interferem na sua eficiência. Imunização por via intradérmica. Arq. Inst. Biol. 18 (1947)

Proposed intradermic application of this vaccine

With M. d'Apice & R. Cury. Vaccination against hog cholera with crystal violet vaccine by the intradermic route. J. Amer. Vet. Med. Assn. 92:230, 1948

With Luiz Braz Siqueira do Amaral first to use antibiotics (isoniazide) in treatment of bovine tuberculosis (1956)



# Adolfo Max Rothschild

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Adolfo Max Rothschild, Jewish Brazilian pharmacologist (São Paulo 09 September 1926 – Ribeirão Preto, São Paulo State 10 April 2009)

Observed reversible granular swelling of mast cells

With M. Rocha e Silva & I. Vugman established the role of cellular energetic metabolism in histamine release

Demonstrated the importance of experimental utilization of celluloses sulphate as depleting agent of bradykinin precursor

Demonstrated the importance of bradykinin release in mediating adrenaline-induced lung edema

Developed methods and techniques for studying histamine release

With M. Rocha e Silva. Experimental design for bioassay of a material inducing strong tachyphylactic effect (anaphylatoxin). Br. J. Pharmacol. Chemother. 11(3):252-62, 1956

With M. Rocha e Silva authored Anaphylatoxin, histamine depletion and skin reactions in the rat. Nature 175:987, 1955

## HONORS

Visiting Professor, College of Medicine, Tel Aviv University (1969)

# Adolphe Tonduz

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jean François Adolphe Tonduz, Swiss-born Costa Rican botanist and plant pathologist (Pulley, Vaud Canton, Lavraux-Oron District 18 September 1862 – Ciudad de Guatemala 19 December 1921)

Authored about 90 works

Described the plant species *Myroxylon sonsonatense* (1908)

## SOME BIBLIOGRAPHY

El pudrimiento del tallo del banano. Bol. Inst. Fis. Geogr. Costa Rica 11:309-10, 1901

El blanco o mofo de las raíces del cafeto. Bol. Inst. Fis. Geogr. Costa Rica (1900)

La fumagina del cafeto. Anal. Inst. Fis-Geogr. Nac. 6 (1897)

Herborisations au Costa Rica. Bull. Herb. Boissier 4:163-77, 1896

Exploraciones botánicas em Talamanca. Anales Inst. Fis-Geogr. Nac. (1895)

Expediciones botánicas efectuadas en la parte meridional de Costa Rica por los años 1891-1892 (1893)

Informe sobre la enfermedad del cafeto (1893)

## HONORS

*Tonduzia* Pittier 1908 (Apocynaceae)

*Dontuzia* Gómez 1973 (Fungi)

# Adriano Lucio Peracchi

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Adriano Lucio Peracchi, Brazilian zoologist (São Paulo 03 August 1938 –

With M.R. Nogueira. Fig-seed predation by 2 species of Chiroderma: discovery of a new feeding strategy in bats. J. Mammal. 84:225-33, 2003

## DESCRIBED NEW TAXA

### Genera

#### Coleoptera

*Abiliella* 1964

*Enocleroides* 1972

*Paracregya* 1964

#### Mammalia

*Dryadonycteris* 2012 with Nogueira, Lima & Simmons

### Species

#### Coleoptera

*Abiliella fasciata* 1964

*Corinthiscus cyanicollis* 1962

*Corinthiscus pici* 1960

*Corinthiscus spectabilis* 1960

*Corinthiscus tricinctus* 1962

*Corinthiscus zellibori* 1962

*Cregya seabrai* 1962

*Enocleroides inaequalipennis* 1972

*Lasiodera quadrivittata* 1960

*Muisca cylindricollis* 1962

*Paraleyrodes bondari* 1971

*Phytoceram distinguishedum* 1964 with Soares

*Phytoceram zikani* 1964 with Soares

#### Acari

*Spelaeorhynchus jimi* 1991

*Spelaeorhynchus soaresi* 1991

*Spelaeorhynchus wenzeli* 1991

#### Mammalia

*Dryadonycteris capixaba* 2012 with Nogueira, Lima & Simmons

*Myotis izecksohni* 2011 with Moratelli, Dias & Oliveira

*Myotis lavalii* 2011 with Moratelli, Dias & Oliveira

## HONORS

*Peracchius* Lima & Racca Filho 2005 (Hemiptera)

# Adrien Sumichrast

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Adrien Louis Jean François Sumichrast, Swiss-born Mexican naturalist and collector (Yvorne, Vaud Canton 15 October 1828 – Tonale, Chiapas State 26 December 1882)

Performed collections of many animal and plant species mainly birds and reptiles

## SOME BIBLIOGRAPHY

Notes sur une collection de reptiles et de batraciens de la partie occidentale de l'isthme de Tehautepec. Bull. Soc. Zool. France 15:162-90, 1906

Observations sur les moeurs de l'*Heloderma horridum*. C.R. Hebd. Seances Acad. Sci. 80:676-9, 1875

The geographical distribution of the native birds of the Department of Vera Cruz with a list of the migratory species. Mem. Boston Soc. Nat. Hist. 1:542-63, 1869

Note on habits of certain species of Mexican Hymenoptera. Trans. Amer. Entomol. Soc. 1868

On the habits of the Mexican species of the genus *Ecitron* Latr. Trans. Amer. Entom. Soc. 1868

Notes on habits of some Mexican Reptiles. Ann. Mag. Nat. Hist. Ser. 3(13):497-507, 1864

Note sur les moeurs des quelques reptiles du Mexique. Bibl. Univ. Rev. Suisse 19:45-61, 1864

## HONORS

*Sumichrastia* Townsend 1916 (Diptera)

# Ady Raul da Silva

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ady Raul da Silva, Brazilian plant geneticist (Rio de Janeiro 02 August 1917 – 18 September 2011)

Developed 26 wheat (IAS13, IAS20, São Borja, Piratini) and 2 oatmeal cultivars

With J.M.V. Andrade & J.C. Leite. Duas novas cultivares de trigo para a região do Brasil Central: BR9 Cerrados e BR10 Formosa. *Pesq. Agrop. Bras.* 19:109-13, 1984

Improved selection methods for wheat varieties resistant to rust and other diseases

## Identified new races of wheat rust

Estudos preliminares para a produção de variedades de trigo resistentes as ferrugens no Brasil. *Serv. Nac. Pesq. Agron.* B1 (1947) (isolated seven races of leaf rust)

With E.T. Coelho & A.V. da Silva. Identificação de raças de ferrugem da folha do trigo, no Brasil pelo uso de um novo grupo de variedades. *Robigo* 10:7-22, 1960

With E.T. Coelho. Novas raças fisiológicas de ferrugem do colmo no Rio Grande do Sul. *Robigo* (1964)

## Other contributions

With E.T. Coelho. The identification of physiologic races of *Puccinia graminis* var. *tritici* by wheat isogenic or substitution lines, carrying genes for resistance. *Wheat Inform. Serv.* 17:33-4, 1964

Discovered that wheat male sterility (sterile spikelets) is due to an interaction of climactic factors and the boron (1977)

Pointed out the tolerance to toxic aluminium that a number of plants present

Showed that is possible distinguish the seeds of red rice from those of cultivars by translucidity

# Afranio Peixoto

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Julio Afrânio Peixoto, Brazilian psychiatrist and coroner (Lençóis, Bahia State 17 December 1876 – Rio de Janeiro 12 January 1947)

Internationally known as criminologist

Authored 15 psychiatric works

His thesis *Epilepsia e crime* (1898), aroused great interest in foreign scientific circles

Suggested a protocol for autopsies like that of Virchow. Two great names of forensic medicine Locard and Lombroso praised Peixoto's protocol

*Inspeção de naso-faringe por um novo processo de autópsia*. *Gaz. Med. Bahia*, 1901

Established a criterion for characterize the symptoms of paranoia

With J. Moreira. *Paranoia e os syndromes paranoides*. *Brasil Medico* (1904) & *Arq. Bras. Psiq. Neurol. Cie. Afins* 1(1):5-33, 1905

Authored a work that was classified by Italian jurist and philosopher Pio Viazzi as brilliant

*A herança do adultério*. *Arq. Jurisp. Med. Antropol.* (1898)

Proposed a hymen classification based on commissures and a classification of the asphyxies in pure, complex and mixed

Authored works with international repercussion

With J. Moreira. *La paranoia legítima, son origine et nature* (1905)

*Novos rumos da medicina legal* (1932)

*Criminología* (1933)

*Sexologia forense* (1934)

# Agustín Eduardo Riggi

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Agustín Eduardo Riggi Ortiz, Argentine geologist, geographer and pedologist (Buenos Aires 19 September 1904 – Buenos Aires 11 June 1979)

## SOME BIBLIOGRAPHY

La Antartida Argentina: su geografía y su geología (1950)

With M. Tschapek. Arcillas como base impermeable (1949)

Withn M. Tschapek. Química coloidal del suelo (1949)

With D. Cappannini. Bosquejo general de los materiales originários de los suelos (1948)

Cuencas geohidrograficas de Argentina (1944)

Ambientes hidrogeológicos de Argentina (1943)

With M.T.C. de Riggi. Contribución al conocimiento de los yacimientos de cromo de la provincia de Cordoba. Industria Minera 23, 1943

Observaciones geológicas en el SW de Santiago del Estero. Physis 12:364-5, 1938

Resultados de las investigaciones geológicas em sierras australes de Buenos Aires y sus correlaciones con otras estructuras de la Argentina (1938)

Las islas Malvinas. Reseña geográfica y geológica (1938)

With R. Croce. Los yacimientos de hierro de la Republica Argentina: sus correlaciones geológicas genéticas e importância (1937)

Fiso-orografica del bloque de la Puna. Rev. Geogr. Amer. 3:93-102, 1935

Geología de las sierras de "Las Tunas" y sus relaciones com las demás sierras australes de la provincia de Buenos Aires (1935)

Nota geológica sobre el borde sur de lago San Martín, território de Santa Cruz. Rev. Min. 6(1):19-22, 1934

Corte geológico del río Salado (Bs. As.) y su significación en el diastrofismo pampeano. Physis 40:399-03,

Datos geológicos sobre el departamento de Paso de los Libres (Corrientes) 43:153-60,

With G. Gagarin. Comprobación geoquímica de la hipótesis sobre la heteromorfia del magnésio. Comum. Inst. Nac. Invest. Cienc. Natur. 1(9),

With G. Gagarin. Vinculación geoquímica entre algunos elementos según la hipótesis de H. Freimuth

## HONORS

*Riggia* Szidat 1948 (Crustacea)

*Riggiella* Kormilev 1949 (Hemiptera)

# Agustín Roque

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Agustín L. Roque, Cuban / US histopathologist (fl.1948-70)

Developed Roque trichrome

Chromotopie aniline blue method of staining Mallory bodies of Laennec cirrhosis. Labor. Invest. 2(5):15-21, 1953

Other methods

With N.A. Jafarey & P. Coulter. A stain for the histochemical demonstration of nucleic acids. Exp. Mol. Pathol. 11:266-74, 1965

A modification of Cajal's gold sublimate method for tissue fixed in formalin. Acta Neuropathol. 6(1):88-92, 1966



# Agustín Stahl

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Anton Adolf August Stahl or Agustín Stahl, Puerto Rican physician, naturalist, archaeologist and ethnologist (Curaçao 21 January 1842 – Bayamón 12 July 1917)

From German father and Dutch mother

Described *Clusia gundlachii* and *Marialva elliptica* in 1884

Besides collecting plants, gathered 2,300 animal specimens and 800 indigenous artifacts

## SOME BIBLIOGRAPHY

Pictografías indo-borricanas del litoral (1907-17)

Un caso de neurosis vasomotora de las extremidades. Erytromelalgia Bol. Asoc. Med. Puerto Rico 6(71), 1908

Demonstración de dos casos de neuropatías y dos de teratología. Bol. Asoc. Med. Puerto Rico 6(65), 1908

Dos nuevas entidades patológicas. Bol. Asoc. Med. Puerto Rico 1(8-9), 1903

Estudios Etnologicos de los indios Borinqueños (1889)

Estudios sobre la flora de Puerto Rico (1883-8)

Catalogo de gabinete zoológico (1882)

Informe sobre la enfermedad de la cana de azúcar (1878)

El tortugo amarillo de Puerto Rico y las sapotáceas. Anales Soc. Esp. Hist. Nat. (1874)

Notas de la flora de Puerto Rico y Islas Vírgenes

## HONORS

*Stahlia* Bello 1881 (Fabaceae)

# Ahmad Nawawi

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ahmad Nawawi Bin Hoji Ayob, Malaysian mycologist and plant pathologist (Perak 11 January 1937 –

## DESCRIBED FUNGI TAXA

### Valid Genera

- Brachiosphaera* 1976
- Camposporidium* 1988 with Kuthubutheen
- Canalisporium* 1989 with Kuthubutheen
- Clathrosporium* 1987 with Kuthubutheen
- Clavariana* 1976
- Condylospora* 1976
- Cryptophialoidea* 1987 with Kuthubutheen
- Dendrosporomyces* 1977 with Webster & Davey
- Filosporella* 1976
- Flabellocladia* 1985
- Isthmophragmosphora* 1992 with Kuthubutheen
- Jerainum* 1992 with Kuthubutheen
- Kiliophora* 1993 with Kuthubutheen
- Laridispora* 1976
- Nidulispora* 1990 with Kuthubutheen
- Obeliospora* 1990 with Kuthubutheen
- Paracryptophiale* 1994 with Kuthubutheen
- Phalangispora* 1982 with Webster
- Quadricladium* 1989 with Kuthubutheen
- Tetrabrachium* 1987 with Kuthubutheen
- Tricladomyces* 1985
- Tricladiospora* 1988 with Kuthubutheen
- Triscelosporium* 1987 with Kuthubutheen

### Species

92

## HONORS

*Nawawia* Marvanová 1980 (Fungi)

# Ahmed Abdel El Nayal

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ahmed Abdel Latif El Nayal, Egyptian phycologist (fl.1931–64)

## DESCRIBED ALGAE TAXA

### Valid Genus

*Pseudoleptosira* 1935 (Chlorophyta)

### Species

*Aphanizomenon strictum*

*Aulosira cylindrica* 1937

*Cladophora glomerata*

*Closterium strigosum*

*Cosmarium subpachydermum*

*Fischerella irregularis*

*Nayalia terrestris* 1935

*Oedogonium richterianum*

*Pseudoleptosira calcarea*

*Tribonema microspora*

*Ulothrix glauca*

*Volvox fertilis*

## HONORS

*Nayalia* P.C. Silva 1959 (Chlorophyta)

# Ahmed Hassan Wahba

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ahmed Hassan Wahba, Egyptian bacteriologist (Berlin, Germany 15 December 1922 – ?)

Metallic sheen in *Pseudomonas aeruginosa*. *Nature* 204:502, 1964

Developed a new type of cholera vaccine

## Developed and modified methods

Vibriocine production in the cholera and El Tor vibrios. *Bull. World Health Organ.* 33(5):661-4, 1965

With J. H. Darrell. Pyocine-typing of hospital strains of *Pseudomonas pyocyanea*. *J. Clin. Path.* 17:236-42, 1964

The production and inactivation of pyocines. *J. Hyg.* 61(4):431-41, 1963

With O.M. Lidwell. A simple apparatus for colicine typing. *Appl. Bacteriol.* 26:246, 1963

With V. Takla. A new chemical flocculation test for cholera vibrio identification. *Bull. World Health Organ.* 26(2):306-8, 1962

With V. Takla. Semi-synthetic media for the cultivation of bacteria. *J. Minist. Health* 1(4):89-91, 1960

# Alaide Braga de Oliveira

April 9, 2024

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Alaide Braga de Oliveira, Brazilian plant chemist (Morada Nova de Minas, Minas Gerais State 10 March 1941 –

## NEW CHEMICALS

With L.R. Simões, G.M. Maciel, G.C. Brandão, J.D. Souza Filho & R.O. Castilho. Chemical constituents of *Distictella elongata* (Vahl) Urb. (Bignoniaceae). Anais Acad. Bras. Ciencias 85(3):873-9, 2013 (first report of a flavone heteroside in a species of the Bignoniaceae family)

With R. Batista, P.A. Garcia, M. Castro, JM. Miguel del Corral et al. Synthesis, cytotoxicity and antiplasmodial activity of novel ent-kaurane derivatives. Eur. J. Medic. Chem. 62C:168-76, 2012

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With J.M. Miguel del Corral, M. Castro, S. Gualberto, C. Cuevas & A. Feliciano. New cytotoxic furoquinones obtained from terpenyl-1,4 naphthoquinones and 1,4 anthracenediones. Bioorg. Medic. Chem. 14:7231-40, 2006

With T.H.A. Silva, M.T. Oliveira, H.F. Santos & W.B. Almeida. Estudo de modelagem molecular de complexos de ferriprotoporfirina IX e quinolinocarbinolaminas antimaláricas: proposta de um farmacóforo. Química Nova 28(2):244-9, 2005

With B.B. Cota, K.G. Guimarães, M.P. Mendonça, J.D. Souza Filho & F.C. Braga. Chemistry and antifungal activity of *Xyris* species (Xyridaceae): a new anthraquinone from *Xyris pilosa*. Biochem. System. Ecol. 32:391-7, 2004

With E.A. Silva & J.A. Takahashi. An interesting backbone rearrangement and novel derivatives from the biotransformation of trachyloban-19-oic acid by *Rhyzopus stolonifer*. J. Braz. Chem. Soc. 13(1):101-5, 2002

With L.P.S. Pimenta, F.C. Nascimento, A.C.S. Assunção & M.A.D. Oliveira. Laurifolin, a novel acetogenin from *Rollinia laurifolia* leaves. Tetrahedron Lett. 42:8433-4, 2001

With J.P. Leite, L. Rastrelli, G. Romussi, J.H.Y. Villegas, C. Pizza & W.W. Villegas. New flavonoid glycosides from the infusion of *Maytenus aquifolium* and *M. ilicifolia* leaves. Rev. Latinoam. Quim. 28:179-80, 2001 (Suppl.)

With F.C. Braga, M.G.R. Duarte & J.D. Souza Filho. Isolation and structure elucidation of a new flavonol glycoside from the lyophilized infusion of *Maytenus ilicifolia* leaves (2001)

With L.P. Santos, M.A.D. Boaventura, N. Sun & J.M. Cassidy. Araticulin, a new bis-tetrahydrofuran polyketide from *Annona crassiflora* seeds. Phytochem. 42:705-7, 1996

With D.P. Lima & D.S. Raslan. New nitrogen derivatives of podophyllotoxin and a novel access to dehydroanhydricapodophyllin. Synth. Comm. 24(18):2675-83, 1994

With L.P. Santos & M.A.D. Boaventura. Crassiflorina, uma acetogenina tetraidrofurânica citotóxica de *Annona crassiflora*. Quim. Nova 17(5):387-91, 1994

With D.S. Raslan, E. Chiari & D.S. Duarte. Lychnophoic acid, a new trypanocidal agent and other constituents of *Lychnophora pinaster* Mart. (1994)

With D. Cortes, H. Dadoun & R.L.R. Paiva. Nouveaux alcaloides bis-benzylisoquinoleiques isolés des feuilles de *Aristolochia gigantea*. J. Natur. Products 50(5):910-4, 1987

With F. Carazza & J.G.S. Maia. Geovanine, a new azanthracene alkaloid from *Annona ambotay* Aubl. Phytochem. 26(9):2650-1, 1987

With M.O.F. Goulart, A.E.G. Santana, G.G. Oliveira & J.G.S. Maia. Novos alcalóides de *Guatteria dielsiana* R.E. Fries. Oreades 8(14-5):341-5, 1982

With T.M. Braz, F.R. Bauer, L. Siqueira & N.C.S. Silva. Laevigatin, a sesquiterpenoid furan from *Eupatorium laevigatum* Lam. Tetrahedron Lett. 2653:4, 1978

Developed benzyleugenol, a convulsant drug (1978)

With E. Wenkert, H.E. Gottlieb & Hagmann isolated emmotines, terpenoids from *Emmotum nitens* (1974)

With R. Braz Filho, V.T. Shaat, M.F.F. Leite & O.R. Gottlieb. Novel constituents of *Virola multinervia*. Cien. Cult. 25:563, 1973

First report of natural occurrence of isoflavans

With K. Kurosawa, W.D. Ollis,, B.T. Redman, I.D. Sutherland, O.R. Gottlieb & H.M. Alves. The natural occurrence of isoflavans and an isoflavan quinone. Chem. Comm.20:1263-4, 1968

## DEVELOPED METHODS/TECHNIQUES

With S.K.V. Bertolucci, A.B.D. Pereira, J.E.B.P. Pinto, J.A.A. Ribeiro & F.C. Braga. Development and validation of an RP-HPLC method for quantification of cinnamic acid derivatives and kaurane-type diterpenes in *Mikania laevigata* and *Mikania glomerata*. Planta Medica 75:280-5, 2008

With M.A.F. Brandão & V. Snieckus. Combined directed metalation cross coupling strategies. A regiospecific route to heteroring annelated ortho-naphthoquinones and a short synthesis of  $\beta$ -lapachone. Tetrahedron Lett. 34:2437, 1993

A short and efficient route to azafluorenones (1988)

Ortho-furanonaphthoquinones. A simple route to angular analogs (1988)

Process for production of threonine methyl ester (1987)

## PATENTS

With M.F. Dolabela, M.T. Martins, D.L.N. Brandão, E.S. Borges, S. Percario, A.M.R. Marinho et al. Method for producing a plant extract and fraction, pharmaceutical compositions and use thereof WO20150132421 (2013)

With A.O. da Silva, A.D. Almeida, D.L.N. Brandão, E.S. Borges, E.F. Mota, F. Vasconcelos et al. Composition and use of *Aspidosperma nitidum* ethanolic extract as antiplasmodic agent BR 10 2012 019426 A2 (2012)

With M.F. Dolabela, F.D. Rocha, R.L.R.P. Jacome, R.M.T. Neiva, F.M.A. Gomes & R.C. Paula. Pharmaceutical compositions containing extract and/or bark fractions of *Aspidosperma subincanum* and use BR 13 2012 033307 3 E2 (2012)

With M.F. Dolabela, G.C. Brandão, M.T. Martins, E.S. Borges, D.L.N. Brandão et al. Composition of ethanolic extract and dichloromethane fraction rich in naphthoquinones and use as antimalarial agent BR 10 2012 0194236 A2 (2012)

With E.G. Kroon & G.C. Brandão. Pharmaceutical composition containing *Myracrodruon urundeuva* and use BR 10 2012 001453 0 A8 (2012)

With E.G. Kroon & G.C. Brandão. Antiviral pharmaceutical compositions containing extract, fractions and/or isolated compounds of *Arrabidaea pulchra* and use PI1106466-8 A2 (2011)

With F.P. Varotti & R. Batista. Anti-malaria pharmaceutical compositions containing kaurenic diterpene derivatives BR PI1015495-7 (2010) & WO2012 083408 A8 (2012)

With E.G. Kroon & G.C. Brandão. Pharmaceutical composition containing acylated mangiferin derivatives and use PI1001164-1 A2 (2010)

With M.F. Dolabela, F.D. Rocha, R.L.R.P. Jacome, R.M.T. Neiva & F.M.A. Gomes. Tandardized extract and fraction of barks of *Aspidosperma parvifolium* and/or ulein and their pharmaceutical composition PI0905584-3 A2 (2009)

With M.F. Dolabela, M.T. Martins, D.L.N. Brandão, E.S. Borges, S. Percario, C.C. Quaresma et al. Process for obtaining ethyl acetate and methanolic fractions and antimalarial use BR 10 2012 0118645 A2 (2006)

# Albert Rakoto Ratsimamanga

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Albert Rakoto Ratsimamanga, Malagasy physician and diplomat (Tananarive 28 December 1907 – Antananarivo 16 September 2001)

Authored over 350 scientific publications (10 books)

Authored a number of works on suprarrenal hormones biochemistry and their relations with vitamins

## DEVELOPED

Nicoscorbine

Vitascorbol

Polytissular antitoxic principles for leprosy (Patelen)

Pentacyclic triterpenes

Antidiabetic compound from *Eugenia jambolana* (Madeglucyl)

Madetoxyl (antitoxic)

Madetussyl (antitussic)

Cortine (for treating post-surgical shock)

Synthetic compound for leprosy (with H. Bu Hoi)

Hyperproteic food for malnutrition

Madecassol (ulcer)

*Amaranthus* extracts (absorbable calcium)

*Aloe divaricata* extracts (nephritic and hepatic concretions)

*Passiflora aurantia* extracts (hypotensive and relaxant)

*Centella brahmi-vallari* total triterpenes (ulcer)

## SOME BIBLIOGRAPHY

Acide ascorbique et travail musculaire

La vitamine C (1958)

Elements de pharmacopées malgaches (1963)

Les triterpénoides en physiologie végétale et animale (1964)

Nouveaux catalogues des plantes médicinales malgaches (1972)

Les triterpenoides en chimie, physiologie végétale et thérapeutique

## PATENTS

With S.R. Ratsimamanga, P. Rasoanaivo, K. Cheuk, H.C. Rabemanantsoa, J. Becquart, J. Provost & D. Reisdorf. Preparation and therapeutic uses of plants and plant extracts in the *Hylocereus* genus WO2005094856

With S.R. Ratsimammanga, P. Rasoanaivo, J. Leboul, J. Provost & D. Reisdorf. Mixtures which can be isolated from *Eugenia jambolana* Lamarck seeds, their preparation and the use of these mixtures and some of their constituents as medicaments 20020051828 (2002)

With S.R. Ratsimammanga, P. Rasoanaivo, J. Leboul, J. Provost & D. Reisdorf. Mixtures derived from grains of *Eugenia jambolana* Lamarck preparation and use of said mixtures and some of their constituents as medicaments 5972342 (1999) & 6194412 (2001)

With S.R. Ratsimammanga, P. Rasoanaivo, J. Leboul, J. Provost & D. Reisdorf. Sodium oxamate for the treatment of diabetic conditions 6300375 (2001)

With P. Boiteau & M. Chanez. Hemisuccinates and salts of the hemisuccinates of asiatic acid US3366669 (1963)

With P. Boiteau. Derivatives of asiaticoside and their process of preparation. US3365442 A (1963)

## LINKS

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# Alberto Carlos Riccardi

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alberto Carlos Riccardi, Argentine geologist, paleontologist and stratigrapher (Buenos Aires 18 June 1942 –

## DESCRIBED FOSSIL MOLLUSCA TAXA

### Genera

- Amosiceras* 2006 with Sabbatini & Pagani
- Araucanites* 1976 with Westermann
- Bonarelliceras* 2005 with Medina
- Chondromileia* 1979 with Westermann
- Gerthiceras* 1982 with Westermann
- Jeletzkyites* 1983
- Koloceras* 1987 with Aguirre Ureta
- Piatnitzkyceras* 2005 with Medina
- Pseudoneuquenicas* 1991 with Westermann
- Pseudoteudopsis* 2016
- Puchenquia* 1972 with Westermann
- Sobraliceras* 2006 with Medina
- Stehnocephalites* 1989 with Westermann & Elmi
- Stolleyiceras* 2005 with Medina
- Sueroceras* 1974 with Sabbatini
- Tuberosciponoceras* 2007 with Medina
- Westermanniceras* 2000

### Species

At least 50

## HONOURS

- Honorary Fellow, Geological Society of America (2001)
- President, International Union of Geological Sciences (2008-12)
- Genus *Riccardiceras* Westermann 1995 (Ammonites)



# Alberto Carlos Taquini

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alberto Carlos Taquini Castiglioni, Argentine medical researcher (Buenos Aires 06 December 1905 – 04 March 1998)

Authored 350 scientific papers mainly on cardiology and arterial hypertension

With L.F. Leloir, J.C. Fasciolo, J.M. Muñoz and E. Braun Menendez discovered angiotensin and described enzymatic nature of rennin-angiotensin system and its relationship to arterial hypertension

With J.M. Muñoz, J.C. Fasciolo & L.F. Leloir. Hypertensin: the substance causing renal hypertension. *Nature* 144:980, 1939

Proposed universal thoracic heartbeat (Arrillaga-Davobe sign) as a diagnostic way of retro cardiac aorta aneurisms

With F. C. Arrillaga. Battement thoracique universal: nouvel element de diagnostic pour les anévrismes de l'aorte retrocardiaque (1933)

Proposed the evolutive hypertension

Hipertensión arterial evolutiva (1952)

With R. Labriola, O.Orias, E.M. de Españes & V. Deulofeu. Fagarine, a possible substitute for quinidine. *Science* 102(2638):69-70, 1945

## METHODS

Ideated original techniques of intraesophagic electrocardiography

With J.C. Fasciolo. Metodo para el reconocimiento de pequeñas cantidades de renina. *Rev. Soc. Arg. Biol.* (1947)

With J.M. Muñoz, E. Braun-Menendez, J.C. Fasciolo & L.F. Leloir. Metodo para la medición de la renina humana. *Rev. Soc. Arg. Biol.* 19:321-31, 1943

## HONORS

Honorary Member, American College of Physicians, American Heart Association, American Physiological Society, Cardiology Society of Belgium, Cardiology Society of France, International Academy of Medicine

President, World Heart Federation (1954-62) and International Council of Hypertension (1954-68)

# Alberto José de Sampaio

June 27, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Alberto José de Sampaio, Brazilian botanist and geographer (Campos dos Goytacazes, Rio de Janeiro State 05 February 1881- Campos dos Goytacazes, Rio de Janeiro State 30 December 1946)

From Portuguese and French descent

Authored 174 works

Presented a new phytogeographic division of Brazil used worldwide

## DESCRIBED VALID PLANTAE TAXA

### Genera (With Kuhlmann)

*Clinostemon* 1928 (Lauraceae)

*Pseudocalymma* 1933(Bignoniaceae)

### Species

*Acianthera acuminatipetala* 1916

*Acianthera gouveiae* 1916

*Adenocalymma bitermata* 1938

*Adenocalymma longilineum* 1936

*Adiantum multisorum* 1916

*Adiantum rondonii* 1916

*Barbosella dusenii* 1909

*Clinostemon mahuba* 1917

*Cyathea uleana* 1923

*Diplazium mattogrossense* 1916

*Elaphoglossum jurunae* 1916

*Hemitelia caesariana* 1935

*Martinella iquitoensis* 1935

*Memorea cinnabarina* 1938

*Memorea cuminaensis* 1938

*Memorea madeirensis* 1938

*Memorea rondonii* 1938

*Memorea tridenticalyx* 1938

*Microstylis humicola* 1923

*Miscanteca duckei* 1917

*Octomeria duckei* 1923

*Pecluma hoehnii* 1916

*Pleurothallis organensis* 1923

*Polypodium kuhlmannii* 1916

*Tanaecium duckei* 1935

## HONORS

*Sampaiella* Gomes 1948 (Bignoniaceae)

*Sampaiaosia* Mello Leitão 1930 (Arachnida)

# Alberto Juan Solari

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alberto Juan Solari Rodríguez, Argentine cytogeneticist (Buenos Aires 04 February 1934 –

Discovered XY pair in the meiosis of placental mammals

The behavior of the XY pair in mammals. Intern. Review Cytology 38:273-317, 1974

First to study the set of synaptonemal complexes in human spermatocytes

Synaptonemal complexes and associated structures in microspread human spermatocytes. Chromosoma 81(3):315-37, 1980

With M.I. Pigozzi. First demonstration of the substructure of recombination nodules. Biocell 22 (3): 177-86, 1998

With L.F. Rossi. Nueva organela compuesta de citoqueratina en los ovocitos del armadillo *Chaetophractus villosus* (2017)

## DEVELOPED METHODS / SOME DISCOVERIES

With C.J. Tandler. An "axis-like" material in the centromeric region of the metaphase I chromosomes from mouse spermatocytes. Genetica 84(1):39-49, 1991

With C.J. Tandler. Presence of a centromeric filament during meiosis. Genome 34(6):888-94, 1991

With C.J. Tandler. Methanol-acetic anhydride: an efficient blocking agent for electron microscope cytochemistry. Its application to mouse testis and other tissues. Histochemistry 76(3):351-61, 1982

With M.J. Moses. Positive contrast staining and protective drying of surface spreads: electron microscopy of a synaptonemal method complex by a new method. J. Ultrastruct. Res. 54 (1):109-114, 1976

## Relevant papers

With B. Kiefer, H. Sakai & D. Mazia. The molecular unit of the microtubules of the mitotic apparatus. J. Mol. Biol. 20 (1):75-9, 1966

With E.A. Videla & E.B. Del Castillo. Chromosomes in germinal aplasia. The Lancet 282 (7313): 886, 1963

With A.B. Sverdlick & E.R. Viola. Chromosome abnormality in myeloid metaplasia. The Lancet 280 (7256): 613, 1962

# Alberto Prosén

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alberto F. Prosén, Argentine entomologist and arachnologist (Buenos Aires 1902 – Buenos Aires 23 April 1972)

## DESCRIBED TAXA

### Genera

*Microtriatoma* 1952 with Martínez (Hemiptera)

*Vaziella* 1954 (Coleoptera)

### Species

About 190 species between insects and arachnids

## HONORS

*Prosenella* Lane 1959 (Coleoptera)

*Proseniella* Kohler 1953 (Lepidoptera)

*Alberprosenia* Martínez & Carcavallo 1977 (Hemiptera)

# Alberto Santos Dumont

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alberto Santos Dumont, Brazilian aviator and inventor (Palmira, today Santos Dumont, Minas Gerais State 20 July 1873 – Guarujá, São Paulo State 23 July 1932)  
Of French descent

## IMPROVEMENTS/INVENTIONS

More than 20 inventions related to ballons, dirigibles, monoplanes and biplanes

Many inventions in field of mechanics

Discovered and comproved balloons dirigibility and their motion in the air without requiring winds force (1898)

Performed the first mechanical flight in the world (with 14-bis) and developed the first flight simulator (1906)

Introduced main landing gear unit in airplanes

Stablished stabilizer function to mooring cable and developed flight stabilizers

Produced propellers, aluminium compounds and other materials

Placed gasoline engines in dirigibles

Invented hangar with sliding doors (1900) and Demoiselle 20, the first hang-glider (1909)

First to employ engines (1898) and illuminating gas (1899) to ballons (Amerique balloon, the first use of petrol engine in aviation (1898))

Developed the precursor of ailerons

Introduced landing wheels, dihedron and nose to airplanes

The artificial horizon for pilots guidance

The utilization of rubber dampers

Improvements in carburetors and magnets

Invented opposed-piston engine

Built an airplane with aquatic slipper (hydroavion forerunner) 1907

Improvements in aircraft construction techniques

Invented life-saver cannon, that throw safety buoys

Conceived Marciano, a motor that aid skiers motion

A kind of knapsack for individual flight

Platform shoes

Half stairs

An engine that produces electric power

Wrist watch for men (1904)

A mechanism for take edible baits before racing dogs

Designed and built the first automobile with the best power to weight ratio until then (1897)

Pantographic door

## Sports

Won Paris-Nice car racing

Won ski competitions in France and Switzerland (1904-5)

His greyhound Sabreur du diable won Grand Prix de Saint-Cloud (1926)

Established motor tricycle races in Paris (1892)

## HONORS

Lunar Santos Dumont crater

Deutsche Prize (1901)

## TRIVIA

Invited to meet US President Theodore Roosevelt in White House (1904)

# Alberto Urrets Zavalía

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alberto Urrets Zavalía Maldonado, Argentine ophthalmologist (Cordoba 30 September 1920 – Cordoba 31 July 2010)

Authored about 200 presentations and publications

## CONTRIBUTIONS

Individualized the cyclovertical component in strabismus

First to propose the dehydration of the vitreous body in glaucoma patients before ocular surgery

Described the V-Z procedure for the correction of senile ectropion

First noticed the element of vertical incomitance in a case of horizontal strabismus known later as AV pattern (1948)

Authored *Décollement de la rétine* (1968), a standard work in this field for many years

Developed a fixation pick and scleral depressor for retinal detachment surgery (Urrets Zavalía depressor and fixation pick) and the Urrets Zavalía scleral marker

## NEW DISEASES

Described bilateral congenital inferior oblique palsy (1948)

Family primary hypoplasia of the orbital margin. *Trans. Am. Acad. Ophthalm. Otolaryng.* 59:42-59, 1955

A fixed, dilated pupil iris atrophy and secondary glaucoma. A distinct clinical entity following penetrating keratoplasty in keratoconus. *Am. J. Ophthalm.* 56:257-65, 1963 (Urrets Zavalía syndrome)

With E.S. Jimenez. Hereditary ciliary and superciliary hypotrichosis of a dominant character. *Brit. J. Ophthalm.* 42:697-708, 1964

With C. Katz. Corneal hemochromatosis: an unique type of corneal dystrophy involving the anterior stroma and both limiting membranes. *Amer. J. Ophthalm.* 72(1):88-96, 1971

## HONOURS

Castroviejo Award, Cornea Society (1983)

# Albino Fernandes Vital

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Albino Fernandes Vital, Brazilian mycologist (c. 1920 – 05 August 1993)

## DESCRIBED VALID FUNGI GENERA

*Asterostromina* 1957 with Batista

*Bacillopeltis* 1957

*Bisbyopeltis* 1957 with Batista

*Catinopeltis* 1957 with Costa

*Mesophelliops* 1957 with Batista

*Myxothyriopsis* 1956 with Batista

*Peltostromellina* 1959 with Batista

*Peltostromopsis* 1959 with Batista

*Peroschaeta* 1957 with Batista

*Petrakiopeltis* 1958 with Batista & Ciferri

*Polycyclinopsis* 1958 with Batista & Lima

*Polystomellina* 1958 with Batista

*Protostegiomyces* 1955 with Batista

*Schizothyriopsis* 1960 with Batista

*Scutopycnis* 1957 with Batista

*Stellopeltis* 1959 with Batista

*Stromatopycnis* 1956



# Albino Morimasa Sakakibara

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Albino Morimasa Sakakibara, Brazilian entomologist (São José do Rio Preto, São Paulo State 29 May 1941 –

From Japanese ancestry

## DESCRIBED HEMIPTERA/HOMOPTERA TAXA

### Genera

*Acanthodeois* 1979

*Aurimastris* 2007 with Evangelista

*Bordoniana* 1999

*Carachata* 1989 with Carvalho

*Cleusiana* 1989 with Cavichioli

*Cornutalis* 1998

*Creonus* 1996

*Deoisella* 2002 with Costa

*Eucyphonia* 1968

*Fermeria* 2000

*Fennahia* 1979

*Folicarina* 1992

*Germariana* 1998

*Hanstruempelia* 2004

*Lycoderides* 1972

*Micropepla* 1979

*Nasuconia* 2007

*Neotynelia* 2000 with Creão Duarte

*Notogonia* 1996

*Paracentronodus* 1971

*Paraphetea* 2000 with Creão Duarte

*Peltosticta* 1976

*Proxolonia* 1969

*Pseuderechtia* 2012

*Ramedia* 1989 with Creão Duarte

*Sinopia* 1977

*Tapinolobus* 1969

### Species

About 260 species of treehoppers, spittlebugs and cicadellids

## HONORS

*Sakakibarella* Creão Duarte 1997 (Hemiptera)

*Albiniana* Cavichioli 1996 (Homoptera)

*Albinapis* Urban & Graf 2000 (Hymenoptera)

*Sakakibarana* Gonçalves, Takiya & Mejdalani 2017 (Hemiptera)

*Sakakidikra* Catalano & Dietrich 2017 (Hemiptera)

## LINKS

<https://doi.org/10.11646/zootaxa.4281.1.3>.

# Alcides Prado

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alcides Prado, Brazilian zoologist and physician (Limeira, São Paulo State 23 August 1893 – Santos, São Paulo 08 January 1963)

## DESCRIBED NEW TAXA

### Valid Reptilia Species

*Apostolepis goiasensis* 1942

*Atractus andinus* 1944

*Atractus arangoi* 1939

*Atractus biseriatus* 1941

*Atractus indistinctus* 1940

*Atractus manizalesensis* 1940

*Atractus sanguineus* 1944

*Atractus variegatus* 1942

*Atractus vertebrolineatus* 1941

*Atractus wagleri* 1945

*Siphlophis worontzowi* 1940

*Thamnodynastes rutilus* 1942

### Bacteria

*Bartonella pseudocebi* 1927 with Pessoa

### Arachnida

*Bothriurus melloleitaoi* 1934

*Centruroides danieli* 1939 with Rios-Patino

*Rhopalurus dorsomaculatus* 1938

*Rhopalurus goiasensis* 1939

### Diptera

*Coquillettidia albifera* 1931

*Uranotaenia ditaenionota* 1931

### With Fonseca 1932

#### Genus

*Townsendmyia*

#### Species

*Coenosia flavicauda*

*Ctenoprosballia butantani*

*Homoneura fasciventris*

*Lauxania fasciata*

*Lauxania javanensis*

*Oxysarcodexia amarali*

*Peckia florencioi*

*Phobeticomyia preapicalis*

*Ravinia belforti*

*Sarcophaga townsendi*

*Stephanostoma argenteum*

*Stephanostoma humerale*

# Alcides Ribeiro Teixeira

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alcides Ribeiro Teixeira, Brazilian mycologist (Torrinha, São Paulo State 06 April 1918 – São Paulo 13 June 2003)

Developed techniques for sampling and mounting of hyphae (1956 and 1962)

Método para estudo das hifas do carpóforo de fungos poliporáceos Publ. Inst. Bot. Est. S. Paulo 22 (1956)

## DESCRIBED FUNGI TAXA

### Genera

*Albatrellopsis* 1994

*Coltriciopsis* 1989

*Hornodermoporus* 1993

### Species

*Lentinus campinensis* 1946

*Lenzites cubamyces* 1992

*Peloronectria bambusina* 1955

*Phellinus bresadolianus* 1992

*Phellinus piptadeniae* 1950

*Phellinus rickii* 1950

*Physoderma hydrocotylidis* 1943 with Viegas

*Polyporus lucienqueletii* 1986

*Pseudolpidiopsis achylae* 1943 with Viegas

*Stereum beige-hymenium* 1945

*Syncephalis ubatubensis* 1943 with Viegas

## HONORS

*Teixeiranthus* King & Robinson 1980 (Asteraceae)

# Aldo Zaragoza

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Aldo Zaragoza, Argentine astronomer and engineer (1924 – 1979)

## METHODS

With R. A. Carestia & M. Gallego. Procedimiento para la reducción en declinación de series FK4. Resultados obtenidos. Bol. Asoc. Argent. Astron. 23:384, 1981

With R. A. Carestia & M. Gallego. Procedures for the reduction in declination of the Kustner series. Results obtained with the meridian circle of San Juan, Argentina (1979)

## SOME BIBLIOGRAPHY

With J.A. López & R.A. Carestia. First San Juan meridian circle catalogue FK4. Bol. Asoc. Arg. Astron. 25:131, 1980

With R.A. Carestia & M. Gallego. Procedimiento para reducción en declinación de series Kustner. Resultados obtenidos con el círculo meridiano de San Juan (Argentina) 1978

## HONORS

Asteroid Zaragoza 2189

# Alejandro C. Paladini

April 16, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alejandro Constantino Paladini, Argentine biochemist (Buenos Aires 19 April 1919 – 15 September 2012)

With L.F. Leloir identified and isolated 2 new coenzymes (1948)

With R. Caputto, C.E. Cardini and L.F. Leloir discovered sugar nucleotides, determined its chemical nature and showed that play a key role in sugar interconversion and polysaccharides synthesis (1948)

Established the structure of antibiotic tyrocidine A (1951-2)

With J.M. Dellacha, J.A. Santomé & M.A. Enero isolated and characterized ovine growth hormone (1970)

With J. A. Santomé & J.M. Dellacha elucidated amino acid sequence and the structure of bovine growth hormone (1973)

With R.D. Conde, J.A. Santomé & J.M. Dellacha isolated, characterized and purified equine growth hormone (1973)

With Pena, Medina, Novas & De Robertis discovered N-butyl- $\beta$ -carboline-3-carboxylate that binds to cerebral benzodiazepine receptors (1986)

With J.H. Medina, H. Viola & C. Wolfman proposed flavonoids as a new family of benzodiazepine receptor ligands (1997)

## METHODS/TECHNIQUES

With Morris developed a method for determination of angiotensin in blood

With E. Braun-Menendez & O.A. Scornik. Further improvements on a method for the estimation of angiotensin in blood. Acta Physiol. Lat. Am. 10:64-7, 1960

With N. Gonzalez Cadavid. Automatic amino acid analysis: reagent and instrumental improvements. Anal. Biochem. 9:170-4, 1964

Eponym of Paladini-Leloir solvent

## PATENTS

With B.K. Cassels, F.J. Dajas, J.H. Medina & R.H. Silveira. Flavonoid and biflavonoid derivatives, their pharmaceutical compositions, their anxiolytic activity US5756538 (1998) & US 6004998 (1999)

With J.H. Medina. Use of nitroflavonoids for the treatment of anxiety. US6080780 (2000)

# Alejandro Ogloblin

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alejandro Aleksandrovich Ogloblin, Russian-born Argentine entomologist (Samarkand, Uzbekistan 29 July 1891 – Castelar, Buenos Aires Province 17 September 1967)

Described 53 new genera in Hymenoptera

## Valid Genera

*Bruchomymar* 1939

*Callodicopus* 1955

*Chaetomymar* 1946

*Cnecomymar* 1963

*Cremnomymar* 1952

*Dicopomorpha* 1955

*Eucleruchus* 1940

*Gahanopsis* 1946

*Kalopolynema* 1960

*Neolitus* 1935

*Neosthethinium* 1964

*Nesopolynema* 1952

*Oncomymar* 1957

*Platypolynema* 1960

*Platysthenium* 1946

*Polynemula* 1967

*Schizophragma* 1949

*Scolopsopteron* 1952

*Tetrapolynema* 1946

*Zemicamptoptera* 1961 with Annecke

## HONORS

*Alexogloblinia* Cortés 1944 (Diptera)

*Ogloblinia* Canals 1933 (Arachnida)

*Ogloblinisca* Hedqvist 1968 (Hymenoptera)

# Alejandro Piatnitzky

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alejandro Matveevich Piatnitzky, Russian-born Argentine geologist (Russia 14 December 1879 – Buenos Aires 28 December 1959)

## DESCRIBED FOSSIL MOLLUSCA SPECIES (1938)

*Natica shehuena*

*Pterotrignia (Rinetrignia) feruglioi*

*Trigonia palaeopatagonica*

*Trigonia rolli*

## SOME BIBLIOGRAPHY

Relaciones estratigráficas de la region del Río Chubut. Bol. Inf. Petroleras 23(259):173-85, 1946

Apuntes sobre la composición y estructura geológica del Golfo de San Jorge. Bol. Inf. Petroleras 19(219):49-63, 1942

Observaciones geológicas al Oeste de Santa Cruz (Patagonia). Bol. Inf. Petroleras 13(165):45-85, 1938

Estudio geológico de la región del Río Chubut y del Río Genua (Patagonia Central). Bol. Inf. Petroleras 13(137):83-118, 1936

Retico y Liasico de los valles de los ríos Genua y Tecka y sedimentos continentales de la sierra de San Bernardo (Patagonia). Bol. Inf. Petroleras 9(113):151-82, 1933

Observaciones estratigráficas sobre las tobas com mamíferos del Terciário inferior em el valle del Río Chico (Chubut). Bol. Inf. Petroleras 8(103):617-34, 1931

## HONORS (Fossil)

*Piatnitzkysaurus* Bonaparte 1979 (Reptilia)

*Piatnitzkyceras* Medina & Riccardi 2005 (Ammonites)

*Piatnitzkya* Taboada 1993 (Brachiopoda)

## LINKS

[http://books.google.com.br/books?id=xIOV3M2tUgYC&pg=PA442&lpg=PA442&dq=alejandro+piatnitzky&source=bl&ots=K3XBaY06HZ&sig=bSavoOE\\_pEXOj8zOOk1wGVn0U3A&hl=pt-BR&sa=X&ei=y7ptU7j1C6XmsATwvIGYBA&ved=0CCwQ6AEwAA#v=onepage&q=alejandro%20piatnitzky&f=false](http://books.google.com.br/books?id=xIOV3M2tUgYC&pg=PA442&lpg=PA442&dq=alejandro+piatnitzky&source=bl&ots=K3XBaY06HZ&sig=bSavoOE_pEXOj8zOOk1wGVn0U3A&hl=pt-BR&sa=X&ei=y7ptU7j1C6XmsATwvIGYBA&ved=0CCwQ6AEwAA#v=onepage&q=alejandro%20piatnitzky&f=false) See [http://books.google.com.br/books?id=xIOV3M2tUgYC&pg=PA442&lpg=PA442&dq=alejandro+piatnitzky&source=bl&ots=K3XBaY06HZ&sig=bSavoOE\\_pEXOj8zOOk1wGVn0U3A&hl=pt-BR&sa=X&ei=y7ptU7j1C6XmsATwvIGYBA&ved=0CCwQ6AEwAA#v=onepage&q=alejandro%20piatnitzky&f=false](http://books.google.com.br/books?id=xIOV3M2tUgYC&pg=PA442&lpg=PA442&dq=alejandro+piatnitzky&source=bl&ots=K3XBaY06HZ&sig=bSavoOE_pEXOj8zOOk1wGVn0U3A&hl=pt-BR&sa=X&ei=y7ptU7j1C6XmsATwvIGYBA&ved=0CCwQ6AEwAA#v=onepage&q=alejandro%20piatnitzky&f=false).

# Alejandro Posadas

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alejandro Posadas Martínez, Argentine physician and surgeon (Saladillo, Buenos Aires Province 28 December 1870 – París 21 November 1902)

First described coccidioidomycosis or Posadas-Wernicke disease and its histopathology

Un nuevo caso de micosis fungoidea con psorospermia. Circulo Med. Arg. 15:585-97, 1892

Modified Delorme incision to treat infected pleural effusions becoming a hydatid delivery with partial and temporary thoracoplasty, pulmonary anchorage, cyst treatment and wound closure without drainage (Posadas operation)

Cirugía del pulmón (lesiones asepticas). Toracoplastia temporaria y parcial para la extirpación de los quistes hidatidicos de pulmon. Thesis (1898)

Developed subperiosteal amputations

Developed Posadas procedure for treatment of inguinal hernia

Developed fugitive thoracoplasty technique with muscle flap

First reported exeresis of a pulmonary cyst

Performed first scientific movie about a surgery in the world (1897)

Eponym of Chutro-Posadas fracture



# Alejandro Villalobos Figueroa

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alejandro Villalobos Figueroa, Mexican carcinologist (Pochutla, Oaxaca State 31 March 1918 – Veracruz State 23 October 1982)

His Doctoral thesis, Los cambarinos de la fauna mexicana (Crustacea Decapoda) (1955) was the first monograph about the Cambaridae family in the world being translated into English by Horton Hobbs Jr. in 1983

## DESCRIBED CRUSTACEA TAXA

### Genus

*Archaeatya* 1960

### Species

*Ankylocythere barbouri* 1974 with Hobbs Jr.

*Archaeatya chacei* 1960

*Atya ortmannioides* 1956

*Bogidiella tabascensis* 1961

*Cambarellus alvarezi* 1951

*Cambarellus lermensis* 1943

*Cambarellus patzcuarensis* 1943

*Cambarellus prolixus* 1981 with Hobbs Jr.

*Cambarellus zampoalensis* 1943

*Macrobrachium acanthochirus* 1966

*Palaemon lindsayi* 1974 with Hobbs Jr.

*Paracambarus ortmanni* 1949

*Paracambarus tlapacoyanensis* 1947

*Procambarus acanthophorus* 1949

*Procambarus caballeroi* 1944

*Procambarus erichsoni* 1950

*Procambarus gonopodocristatus* 1958

*Procambarus hoffmanni* 1944

*Procambarus hortonhobbsi* 1950

*Procambarus llamasí* 1954

*Procambarus mirandai* 1954

*Procambarus niveus* 1964 with Hobbs Jr.

*Procambarus regiomontanus* 1954

*Procambarus riojai* 1944

*Procambarus roberti* 1974 with Hobbs Jr.

*Procambarus teziutlanensis* 1947

*Procambarus vasquezae* 1954

*Procambarus veracruzanus* 1954

*Procambarus zapoanensis* 1954

*Procambarus zihuatlensis* 1950

*Spelaeomysis quinterensis* 1951

*Troglomexicanus perezfarfanta* 1971

### Subspecies

*Cambarellus montezumae lermensis* 1943

*Cambarellus montezumae zempoalensis* 1943

*Procambarellus ruthveni zapoanensis* 1954

## HONORS

Subgenus *Villalobosus* Holthuis 1972 (Crustacea)

# Alexander Frank Skutch

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alexander Frank Skutch, US-born Costa Rican ornithologist and philosopher (Baltimore, Maryland 20 May 1904 – San Isidro del General 12 May 2004)

Son in law of naturalist Charles H. Lankester

Recognized as the world's foremost expert on Neotropical birds of Central America

Authored over 200 papers and 40 books

## ACHIEVEMENTS

Studied life habits for about 300 bird species

Presented the diversity of reproductive rates among species

Demonstrated that the procreation of tropical birds is slower than that of the same families in the Northern Hemisphere

Explained the differences in size between litters of Neotropical and northern birds

Discovered cooperative brooding (1935)

Defined associations and interactions that some animal species establish with their environment

Collected plant species unknown to science in Central America

## HONORS

*Skutchia* Pax & K. Hoffmann 1937 (Plantae)

*Skutchia* Willis 1968 (Aves)

# Alexander William Roberts

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alexander William Roberts, Scottish-born South-African astronomer (Farr, Sutherland 04 December 1857 – Alice, Eastern Cape 27 January 1938)

Authored over 100 works

Discovered some variable stars

With H.N. Russell demonstrated that the components of some of binary star systems are low-density stars with gigantic diameters

Developed a visual photometer

## HONORS

Lunar crater Roberts

## LINKS

[http://assa.saao.ac.za/html/his-astr-roberts\\_aw.html](http://assa.saao.ac.za/html/his-astr-roberts_aw.html)

# Alexandrino Pedroso

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alexandrino de Moraes Pedroso, Brazilian bacteriologist (Cotia, São Paulo State 1881 – São Paulo 1922)

With E. Brumpt first reported the importance of pets in epidemiological cycle of American cutaneous leishmaniasis (1913)

With José Maria Gomes observed first chromoblastomycosis or Lane-Pedroso-Gomes disease (1911) but didn't publish until 1920, losing his priority to Max Rudolph. Its etiologic agent was named *Fonsecaea pedrosoi* in his honor

With J.M.Gomes. Sobre quatro casos de dermatite verrucosa produzida por *Phialophora verrucosa*. An. Paul.Med. Cir. 11:53-1, 1920

With Pedro Dias da Silva first to growing *Leishmania brasiliensis* in culture

Introduced improvements in Nicolle medium

# Alfonso Romo de Vivar

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alfonso Romo de Vivar y Romo, Mexican organic chemist (San Francisco de los Romos, Aguascalientes 30 April 1928 –

Authored over 170 works

Studied molecular structures of natural products from Mexican flora and discovered new chemicals from them

Gained international recognition for his studies on sesquiterpenic lactones

Proposed biogenetical relationships of certain subgroups of natural products

Isolated and determined chemicals as mexicanines A, B and C (1959–61), zaluzanines (1967) and franserine (1968)

Discovered that seeds of many species from genus *Yucca* had steroidal glycosides (1975–7) and showed that their oils were edible

Patented a method for synthesizing natural steroids of pharmaceutical importance from *Yucca* sp. (Mexican Patent 139297, 1979)

Described Romo de Vivar transformation, a reaction of transformation involving a 2-acetoxy-brominated compound into a 2-hydroxy-acetylated compound

With J. Romo. Some experiments with 16  $\beta$ -bromo-17  $\alpha$ -acetoxy-20 ketosteroids. Synthesis of 16  $\alpha$ -17 $\alpha$ -dihydroxysteroids and related compounds. J. Org. Chem. 21:902–9, 1956

# Alfonso Splendore

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alfonso Splendore, Italian-born Brazilian physician (Fagnano Castelo, Cosenza province 25 April 1871 – São Paulo 30 April 1953)

## ACHIEVEMENTS

First reported case of animal infection by sporotrichosis

With A. Lutz. Sobre uma micose observada em homens e ratos. Rev. Med. S. Paulo 21:433-50, 1907

Described pathogeny, pathology and symptomatology of sporotrichosis and discovered the possibility of growing *Sporotrichium schenckii* in vitro (1907)

With A. Lutz. Sopra una micosi osservata in uomini e topi: contribuzioni alla conoscenza delle cosi delle sporotricosi. Rev. Med. São Paulo (1907); Annali d'Igieni Sperimentali 4, 1907; Centralblatt fur Bakteriöl., Parasitik. Infectionskr. XLV, 1907 & XLVI Bd. 1908

Contribuzione allo studio delle miasi. Nuova specie di mosca antropofaga. Rev. Med. S. Paulo 3, 1908; Arch. Parasitol Paris (1908)

Discovered *Toxoplasma gondii* (1908) independently from Nicolle and Manceaux

Un nuovo protozoo parassita dei conigli incontrato nelle lesioni anatomiche d'una malattia che ricorda in molti punti il Kala-azar dell'uomo. Rev. Soc. Scient. S. Paulo 3(10-2):109-12, 1908

Sur un nouveau protozoaire parasite du lapin. Bull. Soc. Path. Exot. 2(8):462-5, 1909

Described mucous form of American cutaneous leishmaniasis, a new clinical form of leishmaniasis (1911)

First clinical and parasitological study of mucosal lesions of cutaneous leishmaniasis

Bouba-Blastomicosi-Leishmaniosi (Nota sopra alcuni affezioni framboesiche osservati in Brasile). Archiv f. Schiffs und Tropfen Hygiene 15:105-13, 1911

Leishmaniosi con localizzazione nelle cavità mucose (Nuova forma clinica). Bull. Soc. Path. Exot. 5:411-38, 1912

Isolated *Paracoccidioides brasiliensis* etiologic agent of paracoccidioidomycosis (1913)

Lutz-Splendore-Almeida disease or paracoccidioidomycosis

Zymonematosi com localizzazzione nella cavità della bocca, osservata in Brasile. Bull. Soc. Path. Exot. 5:313-9, 1912

Un'affezione micotica com localizzazzione della mucosa della bocca, osservata in Brasile, determinata da funghi appartenentia alla tribu degli Exoascei (*Zimonema brasiliense* n.sp.) 1912

Splendore-Hoepli phenomenon or Splendore reaction or Splendore corpuscles (1908)

Sobre a cultura d'uma nova especie de cogumello pathogenico. Rev. Soc. Scient. São Paulo 3:62, 1908

## DESCRIBED PROTOZOA SPECIES

*Coelospidium periplanetae* 1903 with Lutz

*Giardia pitymysi* 1920

*Glugea caeculiae* 1904 with Lutz

*Glugea halesidotidis* 1904 with Lutz

*Glugea heliotidis* 1904 with Lutz

*Glugea hydrae* 1904 with Lutz

*Glugea micrattaci* 1904 with Lutz

*Microsporidium balantidii* 1908 with Lutz

*Microsporidium distomi* 1908 with Lutz

*Microsporidium ephemeræ* 1908 with Lutz

*Microsporidium girardini* 1903

*Nosema astyroe* 1903

*Nosema chironomi* 1908

*Nosema erippi* 1903

*Nosema eubules* 1903

*Nosema junonis* 1903

*Nosema lophocampoe* 1903

*Nosema periplanetoe* 1903

*Nosema vanilloe* 1903

*Polydispyrenia simulii* 1908

*Trypanosoma hypostomi* 1910

### See complete bibliography in

[https://docs.google.com/viewer?&a=v&q=cache:IFEFG0nsV3oJ:revistaseletronicas.pucrs.br/ojs/index.php/scientiamedica/article/viewFile/5750/5049+alfonso+splendore&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjMKr5HgoFHSw8qeNeLkk\\_-xrhc0UBgeSWHXpFgBXrq-CvKrESogm\\_LPX37cEMkif37xJ-xXoU4wAceiQmDWRpxP88oBx-ADVWWlQt-FoOSTCkuoQyCW-IQ2dDe9pmivE-u4E\\_&sig=AHIEtbRWdcccUWcqaaear9Nhc9TQoMcBiig](https://docs.google.com/viewer?&a=v&q=cache:IFEFG0nsV3oJ:revistaseletronicas.pucrs.br/ojs/index.php/scientiamedica/article/viewFile/5750/5049+alfonso+splendore&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjMKr5HgoFHSw8qeNeLkk_-xrhc0UBgeSWHXpFgBXrq-CvKrESogm_LPX37cEMkif37xJ-xXoU4wAceiQmDWRpxP88oBx-ADVWWlQt-FoOSTCkuoQyCW-IQ2dDe9pmivE-u4E_&sig=AHIEtbRWdcccUWcqaaear9Nhc9TQoMcBiig)See [https://docs.google.com/viewer?&a=v&q=cache:IFEFG0nsV3oJ:revistaseletronicas.pucrs.br/ojs/index.php/scientiamedica/article/viewFile/5750/5049+alfonso+splendore&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjMKr5HgoFHSw8qeNeLkk\\_-xrhc0UBgeSWHXpFgBXrq-CvKrESogm\\_LPX37cEMkif37xJ-xXoU4wAceiQmDWRpxP88oBx-ADVWWlQt-FoOSTCkuoQyCW-IQ2dDe9pmivE-u4E\\_&sig=AHIEtbRWdcccUWcqaaear9Nhc9TQoMcBiig](https://docs.google.com/viewer?&a=v&q=cache:IFEFG0nsV3oJ:revistaseletronicas.pucrs.br/ojs/index.php/scientiamedica/article/viewFile/5750/5049+alfonso+splendore&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjMKr5HgoFHSw8qeNeLkk_-xrhc0UBgeSWHXpFgBXrq-CvKrESogm_LPX37cEMkif37xJ-xXoU4wAceiQmDWRpxP88oBx-ADVWWlQt-FoOSTCkuoQyCW-IQ2dDe9pmivE-u4E_&sig=AHIEtbRWdcccUWcqaaear9Nhc9TQoMcBiig).

# Alfred George Oettlé

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alfred George Oettlé, South African oncologist (Port Elizabeth 22 June 1918 – 06 January 1967)

Became convinced that at least 80 percent of cancers were induced by environmental factors

## SOME BIBLIOGRAPHY

Cancer research in Africa illustrated by a recent epidemic of cancer of the gullet (1967)

With F. de Waard. A cytological survey of postmenopausal estrus in Africa. *Cancer* 18:450-9, 1965

The aetiology of primary carcinoma of the liver with an outline of the myotoxin hypothesis. *J. Natl. Cancer Inst.* 39:817-25, 1965

Tumours of the testis in South Africa. *Leech* 34:142-8, 1964

Cancer in Africa, especially in regions South of the Sahara. *J. Natl. Cancer Inst.* 33:383-9, 1964

Cigarette smoking as the major cause of lung cancer. *S. Afr. Med. J.* 37:935-41, 1963

Regional variations in the frequency of Bantu oesophageal cancer cases admitted to hospital in South Africa. *S. Afr. Med. J.* 37:434-9, 1963

Skin cancer in Africa. *Natl. Cancer Inst. Monog.* 10-11:197-214, 1963

Geographical and racial differences in the frequency of Kaposi's sarcoma as evidence of environmental or genetic causes. *Acta Un. Int. Cancer* 18:330-63, 1962

Malignant neoplasms of the uterus in the white, coloured, indian and bantu races of the Union of South Africa. *Un. Int. Cancer* 7, 1961

With J. Higginson. Cancer of the bladder in South African Bantu (1961)

With J. Higginson. Gastro-intestinal cancer in Africa, south of the Sahara. *Acta Unio Intern. Contra Cancer* 17:333-8, 1961

With J. Higginson. Cancer incidence in the Bantu and "Cape coloured" races of South Africa (Report of a cancer survey in the Transvaal, 1953-5. *J. Natl. Cancer Inst.* 24:589-671, 1960

With B. de Meillon & B. Lazer. Carcinomas of the glandular stomach and hepatomas in *Rattus mastomys natalensis* with *Bilharzia mansoni* (1959)

With J. Higginson. Carcinoma of the oesophagus in South African Bantu. *Acta Un. Int. Cancer* 14:554, 1958

The incidence of primary carcinoma of the liver in the Southern Bantu. I. Critical review of the literature. *J. Natl. Cancer Inst.* 17:249-80, 1956

With D.H.S. Davis. The multimammate mouse *Rattus (Mastomys) natalensis* Smith: a laboratory adapted African wild rodent. *Proc. Zool. Soc. London* 131:293-9, 1955

Racial differences in cancer in South Africas. *S. Afr. Biol. Soc. Pamphlet* 17:40-9, 1955

Spontaneous carcinoma of the glandular stomach in a laboratory stock of *Rattus (Mastomys) natalensis*. *S. Afr. J. Med. Sci.* 20:86, 1955

The technique of testicular biopsy with a note on testicular pain (1954)

Recent theories of the nature and cause of cancer (1952)

Rodent ulcers in identical twins. *A.M.A. Arch. Dermat.*



# Alfred Polson

April 16, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alfred Gustave Polson, South African biochemist (Brandfort, OFS 11 March 1912 – 2001)

Demonstrated the possibility of protein fractioning of plasma by polyethylene glycol precipitation (1964)

Developed a number of techniques for separation and purification of animal and plant viruses such as precipitation by polyethylene glycol

New amino acids in bacterial hydrolysates. *Nature*, 1948

## METHODS/TECHNIQUES

A new method for measuring diffusion constants of biologically active substances. *Nature* 154:223, 1944

A quantitative chromatographic method of analysis on filter paper (1948)

With J. Dent & S.M. Lawrence. Improved diluents for the production of African horse-sickness virus vaccine. *Nature*, 1951

With G. Selzer. A rapid method for the purification of the MEF 1 strain of poliomyelitis virus. *Biochim. Biophys. Acta* 14:67, 1954

A method for determination of diffusion coefficients by the gel precipitin techniques. *Biochim. Biophys. Acta* 29:426, 1958

A new method for measuring diffusion constants (1960)

With M.H.V. Van Regenmortel. A new method for determination of sedimentation constants of viruses. *Virology* 15(4):397-403, 1961

A simple procedure for forming density gradients (1963)

With B. Russel & T.H. Mead. A method of preparing agarose. *Biochim. Biophys. Acta* 86, 1964

With M.B. Von Wechmar. A new way to transmit plant viruses. *J. Gen. Virology* 51:179-81, 1980

With H. Alk & K. Achleitner. The sedimenting-droplet procedure for measuring fluid densities. *Anal. Biochem.* 107(1):25-31, 1980

With H. Epstein & K.J. Van der Merwe. A novel method of electrophoresis for the separation of individual human serum glycoproteins. *Prep. Biochem.* 17(2):109-20, 1987

Electro-extraction method and apparatus for rapid extraction of viruses from infected plant tissues (1993)

## DEVICES

An electrophoresis apparatus for the rapid routine analysis of sera and other protein solutions. *Onderstepoort J. Vet Research* 20:159, 1944

Electrophoresis apparatus for analyzing several sera simultaneously. *Nature*, 1951

Improved electrophoresis cell for the analysis of several sera simultaneously. *Nature*, 1952

A electrodecantation apparatus for isolation and purification of protein and viruses (1953)

A simplified fraction collector for gradient elution chromatography. *J. Chromat. A* 5:116-20, 1961

With L. Stannard a centrifugal rotor for concentrating viruses (1970)

A new capillary cell for measuring the rate of sedimentation of virus particles in a centrifugal field

## PATENTS

Method and apparatus for electro-decantation and its application for the separation of materials (1958)

Fractionation of mixtures of agarose and agaropectin (1965)

Chemically hardened gelatin-separating medium for chromatography and ion exchange and method for making the same (1972) with W. Katz

Ultracentrifuge rotor (1974) with K.J. Kaufmann

Influenza virus vaccine (1976)

Recovering purified antibodies from egg yolk (1982)

Carrier bound immunosorbent (1983) with K. J. Van der Merwe

Carrier bound immunogenic determinants (1983) with K. J. Van der Merwe

Manufacture and use of fowl egg antibodies (1985)

Carrier bound immunogenic determinants and carrier therefor (1990) with K. J. Van der Merwe

# Alfred Rosenblatt

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alfred Rosenblatt, Polish/Peruvian mathematician (Krakow 22 June 1880 – Lima 08 July 1947)

Authored more than 300 publications

## SOME BIBLIOGRAPHY

Über die existenz von integralen gewöhnlicher differentialgleichungen (1909)

Geometria analityczna na płaszczyźnie (1926)

Zagadnienie turbulencji

Sur certains mouvements stationnaires plans de liquides visqueux. Comptes Rendus Acad. Sci. Paris 189:450-2, 1929.

Sur certains mouvements des liquides visqueux incompressibles (1933)

Solutions exactes des equations du mouvement des liquides visqueux (1935)

Sobre la representación conforme de dominios planos limitados variables. Doctoral Thesis, Universidad San Marcos, Lima, Peru (1936)

With G. García. Sur La formule de Stokes dans la théorie de La gravité (1937)

With G. García. Sur La régularisation du problème plan des trois corps (1937)

With J. Tola. Calculos provisionarios para los contactos en el eclipse de Sol del 8 de junio de 1937 (1937)

Sur le problèmes du calcul des variations des integrals simples dans le extremités variables. Rev. Ciencias 40:555-87, 1938

Sur le problèmes du calcul des variations des integrals simples dans le extremités variables. Rev. Ciencias 41:67-97, 1939

Sur les coefficients des series univalentes dans le cercles unites. Bull. Soc. Math. Grece 19:127-8, 1939.

Sur les points singuliers des equations différentielles. C.R. Acad. Sci. 209:10-11, 1939.

Sur la propagation des ondes de Rayleigh dans le milieu transversalement isotropiques. Rev. Ciencias 42:

Sur le concept de contagion de M.G. Pólya dans Le calcul des probabilités. Divers schemes. Application à la peste bubonique au Pérou (1940)

Algunos datos sobre el eclipse total de Sol del 25 de enero de 1944 (1944)

On the natural diatonic scales I. Actas Acad. Ciencias Lima 8:165-82, 1945

On the natural diatonic scales II. Actas Acad. Ciencias Lima 8:183-96, 1945

Sur les conditions d'unicité d'une solution des equations différentielles ordinaires.

## HONOURS

Invited Lecturer, International Congress of Mathematicians (1928 & 1932)

# Alfredo Manuel Offermann

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alfredo Manuel Offermann, Argentine agronomist and agricultural chemist (Buenos Aires 29 September 1909 – ?)

Showed that terminal bud wilt of potato is a virosis

With E.R. Vitoria. Estudio sobre un virus productor del marchitamiento apical de la papa. Rev. Arg. Agron. 8:105-13, 1941

## TECHNIQUES/PATENTS

Nueva técnica rápida para la valoración turbidimetrica del cálcio soluble en suelos (1949)

Tecnicas de analisis rápidos para la valoración química de los elementos asimilables del suelo. Arch Frut. Uruguay 4(3):353-60, 1951

Instrument for measuring the moisture and temperature of soil US2869359 A (1953)

# Alfredo Navarro

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alfredo Mónico Navarro Benítez, Uruguayan surgeon (Montevideo 04 May 1868 – Montevideo 17 May 1951)

## ACHIEVEMENTS

Pointed out clearly hydronephrosis steps

Discovered the influence of estrogens on prostatic cancer independently from Huggins

Described a new pain sign in femorocutaneous nerve for diagnosis of appendicitis

Las appendicitis. Rev. Fac. Med. 1(10):6-14, 1896

Described Navarro ligament or Tuffier-Navarro ligament (=Tuffier inferior ligament)

Contribution à l'étude de l'hydronéphrose. Doctoral Thesis (1894)

Developed Baudet-Navarro technique for resection of the left costochondral arch

Cirugía del espacio subfrenico. Rev. Med. Urug. 1:49-52, 1898

Described a sign for pancreatitis

Las estrechas duodenales en la pancreatitis. An. Fac. Med. Montevideo 5:144-57, 1900

Developed Navarro-Devine gastric exclusion for treatment of gastrojejunal peptic ulcer (1923)

Navarro syndrome

Luxaciones esternales. Inv. Cir. Clin. Exp. P.373-83, 1927

Described a sign for vertebral fracture employing anteroposterior compression of chest

Causas y mecanismos de las fracturas del raquis. An. Inst. Clin. Quir. Cir. Exp. 1:1, 1935

Técnica de suprarrenalectomía. An. Inst. Clin. Quir. Cir. Exp. 1:364-8, 1935

Eponym of Navarro Thoracic flap

## DEVICES

Aparato para las fracturas del maxilar. Rev. Med. Urug. 1:180, 1898

Sobre un nuevo uretrótomo estenometro. Rev. Med. Urug. 4:610-1, 1898

## SOME BIBLIOGRAPHY

Anatomía y fisiología del carpo. Anal. Inst. Clin. Cir. Cir. Exp. 1:162-250, 1937

Lecciones sobre el cancer del seno. Anales Inst. Clínica Cir. Cir. Exp. (1935)

Leyes generales de la evolución de la osteoartrite tuberculosa. An. Inst. Clin. Quir. Cir. Exp. 1:287, 1935

Cancer de l'ampoule de Vater; extirpation; guérison. Bull. Mem. Soc. Chir. Paris 20:109, 1910

Beitrag zur Kenntnis der Kottumoren und des chronischen volvulus. First Congr. Cient. Latin. Amer. (1898)

Sobre la cirugía del espacio subfrenico. First Congr. Cient. Latin. Amer. Trab. Sect. 3:164-7, 1898

Consideraciones sobre la hidronefrosis por riñon móvil (1895)

Contribución al estudio de los traumatismos craneanos

Sur le mégacôlon. Bull. Mem. Soc. Chir. Paris 4:40, 1913

Lesiones traumaticas simultaneas del esternón y la columna vertebral

## MEMBERSHIP/OFFICES

Foreign Correspondent Member, Académie Nationale de Chirurgie (1929)

Foreign, Associate Member, Académie Nationale de Médecine (1935)

Vice-president of Uruguay (1934-8)

## LINKS

[www.bvssmu.org.uy/servicios/ToC/navarro%20finalisimo.pdf](http://www.bvssmu.org.uy/servicios/ToC/navarro%20finalisimo.pdf)

# Alfredo Rei do Rego Barros

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Alfredo Rei do Rego Barros, Brazilian entomologist (fl.1940–85)

## DESCRIBED LEPIDOPTERA TAXA

### Genera

*Lepidolutzia* 1956

*Lepidonewtonia* 1956

*Leucanopsis* 1956

*Machadoia* 1956

*Pseudohemihyalea* 1956

*Romualdia* 1957

*Wanderbiltia* 1958

*Mellamastus* 1959

*Lepipyra* 1966

*Bodosa* 1969 (with Machado Filho)

*Pseudohyaleucerea* 1971 (with Machado Filho 1971)

*Histioea* 1971 with Machado Filho

### Species

*Adeloneivaia schubarti* 1970 with Mielke

*Agyrtidia olivensis* 1970 with Machado Filho

*Ammalo buritensis* 1975

*Ammalo travassosi* 1975

*Citheronia bodoquena* 1966 with Travassos

*Cresera espiritosantensis* 1958

*Cresera tinguensis* 1957

*Eacles lemairei* 1973 with Tangerini

*Elysium amapaensis* 1971

*Elysium itaunensis* 1971

*Histioea paraensis* 1971 with Machado Filho

*Leptarctia nigrorubra* 1959

*Mielkesia paranaensis* 1968 with Mielke

*Pareuchaetes misatlensis* 1956

*Pareuchaetes pseudoinsulata* 1956

*Pseudohyaleucera manicorensis* 1971 with Machado Filho

*Wanderbiltia wanderbilti* 1958

## HONORS

*Regobarrosia* Watson 1975 (Lepidoptera)

# Alfredo Sordelli

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alfredo Sordelli Anette, Argentine microbiologist (Buenos Aires 28 January 1891 – 15 December 1967)

From Lombardian father

## ACHIEVEMENTS

Demonstrated that agar and other carbohydrates can be antigens and stimulate precipitins

Demonstrated existence of a specific lipid that fixates antibodies on heterogenetic antigen

His preparation and titration methods of bacterial toxins were adopted worldwide

Established titration methods of anti-diphtheria, anti-dysentery, anti-gangrene, anti-ophidic and other sera

Elaborated and perfected economic and rapid immunization for obtaining sera of high efficiency

Developed a technique for obtaining anti-diphtheria serum was later adopted by J. Bordet and perfected by Ramon

With A. Manzullo developed a method for diagnose of diphtheria

Developed methods for the preparation of insulin and other hormones such as estrogens and adrenaline

Imagined a method for isolating psittacosis virus

With Soriano, Ferrari & Torino described *Clostridium saprotoxicum* 1934

Discovered *Clostridium sordellii*, causative agent of gas gangrene (1922)

Created a method for measuring minute tensions

With R. Wernicke. Um metodo de medida de pequenas tensiones. Anal. Asoc. Quim. Arg. 1:8, 1913

A new method for the preparation of serums on a large scale

Demonstrated that heteroantigen is composed of two parts (lipid and protein), a concept later retrieved by Landsteiner (1918-25)

With Deulofeu & Wernicke characterized Forssman antigen as a lipidic complex associated to a carrier protein

Naturaleza del antigeno heterogenetico. Rev. Asoc. Med. Arg. 37:570, 1924

Sur la nature de l'antigène hétérogénétique. C.R. Soc. Biol. Paris 92:898, 1925

## EPONYMY

Sordelli antitoxin (used against gas gangrene)

Sordelli technique for production of sera and vaccines anti gas gangrene

Sordelli method for preservation of microbial cultures by desiccation in vacuum

Sordelli-Miravent-Negroni culture medium (1926)

Sordelli-Deulofeu technique for preparation of insulin (1923)

Sordelli toxoid preparation technique

Sordelli-Miravent reaction for diagnosis of syphilis (1930)

Sordelli tubes

# Alfredo Ulloa Aguirre

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alfredo Antonio Ulloa-Aguirre, Mexican reproductive endocrinologist (Ciudad de Mexico 1949 –

Authored over 180 papers, 42 book chapters with 7,800 citations (h-index 52)

Recognized internationally as expert on G-protein coupled proteins and a leader in the field of gonadotrophin heterogeneity

Developed laboratory methods to characterize the biochemical and biological features of follicle-stimulating glycoforms

Described hypogonadotrophic hypogonadism by hypothalamic dysfunction in Steinert disease (1975)

With G. Perez Palacios e M. Medina proposed new concepts on action mechanisms of sex steroidal hormones

With J.P. Mendez, A. Cravioto, E. Grotjan, P. Damián-Matsumura & R. Espinoza described and characterized biologically the human chorionic gonadotropin isotypes produced and secreted during the morphological and functional differentiation of the human cytotrophoblast in culture in Human Reprod. 5:661, 1990

With A. Cravioto, P. Damián Matsumura, M. Jimenez & E. Zambrano first detailed characterization of the biological attributes of the naturally occurring analogs of human follicle-stimulating hormone in Human Reprod. 7:23, 1992

With L. Díaz Cueto, J.P. Mendez & J.D. Veldhuis documented in humans the co-existence of a variety of biochemical and functional mechanisms by which the placenta and the pituitary gland regulate the biochemical composition and the intensity of gonadotropic stimulus in J. Clin. Endocrinol. Metab. 78:890, 1994 & 80:1647, 1995

With J.P. Mendez, S. Kofman-Alfaro, O. Mutchinick et al. established a detailed description of the clinical, cytogenetic, endocrinologic and histopathologic features of patients with gonada dysgenesis in Am. J. Med. Genet. 46:263, 1993

With J.P. Mendez, V. Díaz Sanchez, A. Altamirano & G. Perez Palacios described the development of a biphasic testicular response to exogenous hcG in J. Clin. Endocrinol. Metab. 61:926, 1985

With J. Larriva Sahd, L. Carrillo, H. Orozco & F. Larrea demonstrated that the human placenta is a site of sex hormone binding globlin gene expression. J. Steroid Biochem. Mol. Biol. 46:497, 1993

# Aline Renoux

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Aline Renoux-Meunier, Caribbean phycologist of Guadeloupe (fl.1965-94)

## SOME BIBLIOGRAPHY

With D. Pietkiewicz et al. Notes taxinomiques préliminaires sur *Caulerpa taxifolia* et *Caulerpa mexicana* (1994)

Inventaire des algues marines des cotes d'Haiti (1978)

Etude preliminaire de la flore algale de la mangrove du Grand Cul de sac marin. Nouv. Agron. Antilles-Guyane. 3(2):77-97, 1977

With G. Renoux. Notions d'écobiocoenotique marine, excursions en Martinique (1975)

Etude de la végétation algale du cap Saint-Martin (Biarritz). Bull. Cent. Etudes Rech Sci. Biarritz 5:378-564, 1965

## HONOURS

*Renouxia* Fredericq & Norris 1995 (Rhodophyta)



# Allan Robert Phillips

April 16, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Allan Robert Phillips, US-born Mexican ornithologist (New York City 25 October 1914 – San Nicolás de los Garza, Nuevo León State 26 January 1996)

## DESCRIBED AVIAN TAXA

### Valid Species

*Empidonax oberholseri* 1939

*Leucolia wagneri* 1966

*Phaethornis griseoventer* 1962

### Subspecies

154

# Aloysio Sehnem

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Aloysio Sehnem, Brazilian botanist and father (Santa Cruz do Sul, Rio Grande do Sul State 1912 – São Leopoldo, Rio Grande do Sul 19 March 1981)

From German descent

## DESCRIBED VALID PLANTAE SPECIES

### Pteridophyta

*Adiantopsis minutula* 1972

*Adiantopsis oculata* 1959

*Adiantopsis perfasciculata* 1961

*Alsophila acantha* 1978

*Alsophila campestrum* 1978

*Alsophila cipoensis* 1978

*Alsophila kleinii* 1978

*Alsophila reitzii* 1978

*Alsophila serrae* 1978

*Anemia costata* 1974

*Anemia hatschbachii* 1974

*Anemia pinnata* 1974

*Anemia rigida* 1974

*Anemia schaefferi* 1974

*Anemia cipoensis* 1974

*Asplenium araucarieti* 1963

*Asplenium spannagelii* 1963

*Blechnum simile* 1968

*Doryopteris angustata* 1972

*Doryopteris excisa* 1961

*Doryopteris intermedia* 1961

*Doryopteris procera* 1961

*Doryopteris rivalis* 1961

*Doryopteris scalaris* 1961

*Dryopteris abyssi* 1979

*Dryopteris oligophylloides* 1979

*Dryopteris oreocharis* 1979

*Dryopteris pleiophylla* 1979

*Dryopteris podotricha* 1979

*Dryopteris sinuata* 1979

*Elaphoglossum gertii* 1979

*Hymenophyllum delicatulum* 1956

### Bryophyta

*Hookeriopsis bartramii* 1969

*Hookeriopsis heterophylla* 1978

*Macromitrium divortiarum* 1978

*Meteorium squamidoides* 1980

*Orthostichopsis latifolia* 1972

*Schlotheimia perserrata* 1978

*Squamidium angustifolium* 1980

*Squamidium cuspidatum* 1980

*Syrrhopodon stenophyllus* 1972

*Tetraplodon tomentosus* 1976

*Thamniopsis stenodictyon*

*Thuidium patrum* 1976

*Zygodon patrum* 1978

**HONORS**

*Sehnemobryum* Lewinsky-Haapasaari & Hedenäs 1998 (Musci)

# Alpheus Fuller Williams

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alpheus Fuller Williams, US-born South African mining engineer (Oakland, Alameda County, California 21 June 1874 – Cape Town 06 January 1953)

With J. Parry & F.E. Wright described mineral species bultfonteinite (1932)

## SOME BIBLIOGRAPHY

The Genesis of the diamond. A geological, mineralogical, crystallographical, petrographical and chemical study of kimberlite and its associated, cognate and accidental inclusions (1932)

Diamond-bearing alluvial gravels of the union of South Africa. Brit. Empire Mining Metal. Congr. Handbook (1930)

## HONORS

Afwillite Parry & Wright 1925 (Mineral)

# Aluizio Prata

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Aluizio da Rosa Prata, Brazilian infectologist and parasitologist (Uberaba, Minas Gerais State 01 June 1920 – Uberaba, Minas Gerais State 13 May 2011)

Authored over 275 papers, 48 book chapters and 7 books

Considered as a world expert on schistosomiasis

Showed foundations and applications of retal biopsy in schistosomiasis diagnosis and evaluation of its therapy. Beyond this developed a method for finding Schistosoma in animal organs

A biópsia retal na esquistossomose mansoni e tratamento. Doctoral Thesis, Faculdade de Medicina da Universidade Federal da Bahia (1957)

Described an advanced hepatic form of schistosomiasis without splenomegaly (with Z. Andrade)

Fibrose hepática de Symmers sem esplenomegalia. O Hospital 63:617-23, 1963

With Bina first demonstrated clinically the degradation and removal of a long standing hepatic fibrosis in a human disease, the hepatosplenic schistosomiasis (1983)

## MEMBERSHIP

Visiting Professor, Cornell University (1965)

Honorary Fellow, Royal Society of Tropical Medicine and Hygiene (1991)

Honorary Member, American Society of Tropical Medicine and Hygiene (1998)

# Alvaro Alberto da Mota e Silva

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alvaro Alberto da Mota e Silva, Brazilian scientist and admiral (Rio de Janeiro 22 April 1904 – Rio de Janeiro 31 January 1976)

## INVENTED

Rupturite (1917)

A new rupturite (1920)

Super rupturite (1923)

Alexandrinite

Process for giving fitness and hydraulicity to explosives (1923)

Toxic polyvalent dyes (1923)

Antivegetative polyvalent dyes (1925)

Obtained the production of contralite and acordite monopolized until then by Germans

Um processo expedito para a determinação da força das pólvoras sem fumaça (1941)

His father Alvaro Alberto da Silva, Brazilian physician and scientist (Rio de Janeiro 1861 – Rio de Janeiro 13 September 1908)

Discovered guanidine picrate, cresilate and nitrocresilate

Showed that guanidine prevents the reaction of chlorates, nitrates and other compounds on picric acid

Discovered salt-derivate and guanidine explosives

Recommended therapeutic use of sodium borate and lime borate for certain affections of digestive apparatus

His researches about explosives gained great repercussion abroad being cited by Richard Escalos and by Colver in his book High Explosives

## INVENTIONS

A safety explosive (1901)

Thermo-chemical Disinfectant for bath, water-closet and urinal (1905)

Brazilite (explosive)

Clinical aero-dosimeter for urine analysis (received the Great Prize in Chicago, 1902)

Physiometer

Extracting gas volumeter

An explosive (1891)

Gate for horse race (1891) with O. Bragana

Varnishes (1891 & 1892)

Brick Making (1891) with E. Becker

Sugar and milk extraction (1891)

A device for surveying butter

# Alvaro Reynoso

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alvaro Francisco Carlos Reynoso y Valdés, Cuban agronomist and chemist (Alquízar, Habana Province 04 November 1829 – La Habana 11 August 1888)

## ACHIEVEMENTS

Nouveau procédé pour reconnaître l'iode et le brome. Ann. Chimie et Phys. 26:285, 1849

Note sur plusieurs nouvelles combinaisons de l'amoniaque avec les cyanoferrures et, en particulier, avec le cyanoferrure de nickel. Comptes Rendus 33:409 & Ann. Chimie et Phys. 30:252, 1850

Sur un nouveau mode de separation de l'acide phosphorique d'avec les oxydes metalliques. Note sur le preparation des acides metalliques. Comptes Rendus 32:644, 1851

Demonstrated the action of water on many compounds under high pressure and temperature

Action de l'eau, une haute temperature et sous une forte pression sur les pyrophosphates, metaphosphates, cyanures. Comptes Rendus 34:18 & 795, 1852

Memoire relative a l'action de l'eau sur divers corps une haut temperature et dans une forte pression. Comptes Rendus 36:230 & 411, 1853

Memoire sur la presence du sucre dans le uries et sur la liaison de ce phenomene avec la respiration (1853) (prize-winner memory by Institut de France)

Modified the Melsens procedure for sugar extraction from sugarcane

Nota sobre el empleo del bisulfito de cal en la fabricación del azucar. Diario de la Marina 07 March 1859

Nuevo procedimiento para separar la magnesia de la potasa y la sosa. Mem. Real Soc. Acad. Ciencias (1863)

Published Memoria obre la Presencia de sangre em la orina de las personas sometidas a La inalación de medicamentos anestésicos, with which received Montyon Prize of Medicine and Surgery from Académie des Sciences de Paris (1854)

His doctoral thesis Investigaciones sobre la formación del eter was published in Annales de Chimie et de Physique de Paris (1856). This research was well received in French and Spanish scientific circles.

Proposed reducing sugar cane in pulp until to obtain a homogenous paste favouring total extraction of juice and to amplify his percentage

Conceived Reynoso system, an integral system of agrotechnical measures for intensive cultivation of sugar cane whose principles are in currency until in our days

Published Ensayo sobre el cultivo de la caña de azucar or Essay about sugar cane cultivation (1862), that was regarded as one of the main works about sugar cane and translated to many languages, revolutionising sugar industry due to introduce scientific methodology in yield and management

## INVENTIONS

Devised an apparatus for making the sugar cane produce 80% of sugar. This invention was silver medal distinguished at Industrial Fair of Paris (1878)

Patented a new method of sugar crystallization employing cold treatment

A patent about dividing sugar cane in rough sticks using rotative knives (1874)

A new alumina defecator

A method to preserve permanently fresh meat joint its odor, color and flavour

A solution for embalming corpses (1858-9)

## HONORS

*Reynosia* Grisebach 1866 (Rhamnaceae)

# Alvaro Velasco Chiriboga

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alvaro Velasco Chiriboga, Ecuadorian-born Colombian obstetrician (Quito 1929 –

Developed Velasco or Colombian spatulae for fetal extraction

Espatulas para la extracción fetal. Nuevo instrumento obstétrico. Rev. Col. Obst. Ginecol. 26:17, 1975

## SOME BIBLIOGRAPHY

With J.A. Salazar Galindo, C.J. Pacheco Consuegra & A. Guzmán Niño. Determinación de los valores de densidad óptica a 650 nm en el líquido amniótico del embarazo normal entre las semanas 27 a 43 como índice de madurez pulmonar fetal. Rev. Col. Obst. Ginecol. 32(3):177-85, 1981

With M. A. Perdomo. Efecto de los senosidos a y b sobre el peristaltismo intestinal durante El puerperio. Rev. Col. Obst. Ginecol. 32(2):141-4, 1981

With R. Ramírez Merchán, A. Ariza, E. Aaron & E. Cabal. Las espátulas de Velasco. Evaluación clínica. Rev. Col. Obst. Ginecol. 26:111, 1975

With E. Valderrama & H. Rocha Rosado. Rotura prematura de las membranas. Aspectos bacteriológicos. Rev. Col. Obst. Ginecol. 18(6):421-9, 1967

With E. Valderrama & H. Rocha Rosado. Rotura prematura de las membranas. Consideraciones clínico-patológicas y de tratamiento. Rev. Col. Obst. Ginecol. 18(6):407-19, 1967

Prevención intraparto del daño cerebral

Infección ovular. Rev. Col. Obst. Ginecol. 16(3):193-9,



# Alvaro Wille Trejos

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Alvaro Wille Trejos, Costa Rican entomologist (San Jose 17 May 1928 – San Jose 11 June 2006)

From German ancestry

A technique for collecting stingless bees under jungle conditions. *Insectes Sociaux* 9(3):291-3, 1962

With C.D. Michener, E.A. Cross, H.V. Daly & C.W. Rettenmeyer. Additional techniques for studying the behaviour of wild bees. *Insectes Sociaux* 2:237-46, 1955

Coauthored a monumental work on the nest architecture of stingless bees

With C.D. Michener. The nest architecture of stingless bees with special reference to those of Costa Rica (Hymenoptera, Apidae). *Rev.Biol. Trop.* 21(Suppl1):1-278, 1973

## DESCRIBED HYMENOPTERA TAXA

### Species

### Fossil

*Proplebeia silacea* 1959

*Trigonia (Liotrigonia) dominicana* 1964 with Chandler

### Living

*Plebeia tica* 1969

*Tetragonisca costaricensis* 1962

*Trigonia (Plebeia) intermedia* 1960

*Trigonisca discolor* 1965

## HONORS

*Meliwillea* Camargo, Lobo & Roubik 1997 (Hymenoptera)

## LINKS

[www.ots.ac.cr/tropiweb/attachments/volumes/vol54-4/00-4-Obituario%20A.%20Wille.pdf](http://www.ots.ac.cr/tropiweb/attachments/volumes/vol54-4/00-4-Obituario%20A.%20Wille.pdf)

# Amal Kumar Raychaudhuri

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Amal Kumar Raychaudhuri, Indian / Bengali physicist (Barisal, British India 14 September 1923 – 18 June 2005)

Authored 48 papers and 6 books

Derivated Raychaudhuri equation independently of Landau

Relativistic cosmology. I. Phys. Rev. 98:1123, 1955

Enunciated Raychaudhuri theorem

Theorem for non-rotating singularity free universes. Phys. Rev. Lett. 80:645, 1998

A new theorem in relativistic cosmology. Mod. Phys. Lett. 15:391, 2000

## EPONYMY

Raychaudhuri identity

Raychaudhuri scalar

# Amanda Pellegrino de Iraldi

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Amanda Angela Pellegrino de Iraldi, Argentine (San Nicolás 1917 – Buenos Aires 22 February 2007)

Daughter of Italian immigrants

Authored over 150 works

## ACHIEVEMENTS

First to describe spontaneous atherosclerosis of female rat

Obtained the first experimental generalized atherosclerosis

First to identify adrenergic synaptic vesicles

First to formulate the coexistence of neurotransmitters in nervous system

## METHODS

With G. Rodríguez de Lores & E. De Robertis developed original procedures for isolating synaptosomes and synaptic vesicles

With G. Rodríguez de Lores & E. De Robertis developed De Robertis method of differential centrifugation for isolation of synaptic terminals (1962)

With C.J. Tandler. A silver-reducing component in rat striated muscle. I. Selective localization at the level of the terminal cistern/transverse tubule system. Light and electron microscope studies with a new histochemical procedure. *Histochemistry* 92(1):15-22, 1989

# Americo Pomales Lebron

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Americo Pomales Lebrón, Puerto Rican microbiologist (Guayama 01 January 1904 – 16 December 1984)

## DEVELOPED METHODS

With B.M. Thomason, W.B. Cherry & B.R. Davis. Rapid presumptive identification of enteropathogenic *Escherichia coli* in faecal smears by means of fluorescent antibody. I. Preparation and testing of reagents. Bull. World Health Org. (1961)

With C. Fernandez. A method for estimating the number of bacteria in liquids and tissues. J. Bacteriol. 64(6):837-45, 1952

With P. Morales Otero. A method for preservation of oxalate plasma for fibrinolytic tests. Proc. Soc. Exp. Biol. Med. 41:609, 1939

# Americo Ricaldoni

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jose Domicio Americo Ricaldoni Saroldi, Uruguayan clinical pathologist (Montevideo 21 October 1868 – Montevideo 06 July 1928)

From Italian parentage

Brother of Teobaldo J. Ricaldoni

## ACHIEVEMENTS

Reported the first clinical cause of amebic granuloma

With A. Berta. La disentería amibiana en el Uruguay. An. Fac. Med. Montevideo 1:31-190, 1916

Developed hematological techniques for distinguishing cytologically the different types of leukemic conditions

With A. Berta. Estados leucemicos y paraleucemicos. An. Fac. Med. Montevideo 1:477-593, 1916

Described Pancoast-Tobias tumor

Paralisis atrofica radicular inferior del plexo braquial, por esclerosis epiteliomatosa procedente del domo pleural, en el curso de um cancer latente del pulmón. Las lesiones irradiantes del domo pleural. Anal. Fac. Medic. Montevideo 3, (1918)

Achieved the first indirect record of intracranial pressure (1925) before French Janny and Swedish Lundberg

First to show definitely the hereditary character of Laurence-Moon-Biedl syndrome

With A. Isola. Enfermedad congenita familiar caracterizada por una atrofia adipose-genital a una retinitis pigmentosa y polidactilia. An. Inst. Neurol. Montevideo 1:456-70, 1927

# Amílcar Arandas Rego

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Amílcar Arandas Rego, Portuguese-born Brazilian helminthologist and parasitologist (Barcelos, Portugal 30 June 1934–

## GENERA & SPECIES DESCRIBED (Helminths)

### Genera

*Lentiella* 1964

*Cleberia* 1967

*Parachoaenotaenia* 1967

*Brayela* 1984

*Gibsoniella* 1984

*Jauella* 1985 (with Pavanelli)

*Harriscolex* 1987

*Houssayella* 1987

*Travassiella* 1987 (with Pavanelli)

*Nupelia* 1991 (with Pavanelli)

*Paramonticellia* 1991 (with Pavanelli)

*Mariauxiella* 1995 (with de Chambrier)

*Brooksiella* 1999 (with Chubb & Pavanelli)

*Chambriella* 1999 (with Chubb & Pavanelli)

*Euzetiella* 1999 (with de Chambrier & Vaucher)

*Pseudocrepidobothrium* 2001 (with V. Ivanov)

*Scholzia* 2005 with Pertierra & Chambrier

### Species

50

### Others

3 species of Trypanosoma

See [www.diplectanum.dsl.pipex.com/rego](http://www.diplectanum.dsl.pipex.com/rego) See <http://www.diplectanum.dsl.pipex.com/rego>.

# Ananda R. Rao

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ananda R. Rao, Indian palaeobotanist (fl. 1931–81)

## DESCRIBED FOSSIL PLANTAE TAXA

### Genera

*Cycadophytites* 1959 with Bose

*Dicotylirhizos* 1957

*Nipaniorhua* 1946

*Nipaniostrobus* 1943

*Ontheodendron* 1931 with Sahni

*Podostrobus* 1971 with Bose

*Rajmahalia* 1934 with Sahni

### Species

*Cycadophytites florini* 1959 with Bose

*Dicotylirhizos sahnii* 1957

*Dictyozamites hallei* 1933 with Sahni

*Nipaniorhua granthia* 1947

*Nipaniostrobus sahnii* 1943

*Ontheodendron florini* 1931 with Sahni

*Palmoxyton feistmantelii* 1969 with Achutan

*Palmoxyton kraeuseli* 1966 with Menon

*Palmoxyton mahabalei* 1967 with Menon

*Palmoxyton maheshwarii* 1964 with Menon

*Palmoxyton narayanii* 1962 with Menon

*Palmoxyton parthasarathyi* 1964 with Menon

*Podostrobus rajmahalensis* 1943

*Rajmahalia paradoxa* 1934 with Sahni

*Sphenopteris rajmahalensis* 1934 with Sahni

*Stachyotaxus sampathkumaram* 1963

### Others

#### Algae

#### Genus

*Oedogoniites* 1957

#### Species

*Cyclotella iyengaria* 1962 with Awasthi

*Oedogoniites palanensis* 1957

#### Fungi

#### Species

*Microthyriacites cooksinae* 1959

*Microthyriacites sahnii* 1959

*Palaeosordaria lagena* 1959

*Perisporiacites varians* 1959

*Phragmothyrites edwardsii* 1958

#### Pollen/Sporae

#### Genus

*Podosporites* 1943

#### Species

*Alisporites auriculiformis* 1943

*Alisporites jurassicus* 1943

*Pityosporites nipanica* 1943

*Podosporites tripakshii* 1943

*Sporites magadhensis* 1943

*Sporites navicula* 1943

## **HONORS**

*Raoanthus* Chitaley & Patel 1975 (Fossil Plantae)



# Anastasio Pirion

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

François (Anastase) Pirion, French-born Chilean father and naturalist (Ambon, Morbihan 1888 – 1959)

## SOME BIBLIOGRAPHY

Costumbres de algunos odonatos de Marga-Marga. Rev. Chil. Hist Nat. 37:78-82, 1933

Excursión a la cordillera de Tinguirica. Rev. Chil. Hist Nat. 34:170-80, 1930

Observaciones sobre 3 odonatos del Valle de Marga-Marga. Rev. Chil. Hist Nat. 32:95-7, 1928

Aves observadas em el Valle de Marga-Marga. Rev. Chil. Hist Nat. 31:102-15, 1927

With F. Jaffuel. Hymenopteres de la Vallee de Marga-Marga. Rev. Chil. Hist Nat. 30:362-83, 1926

With F. Jaffuel. Plantas fanerógamas del Valle de Marga-Marga. Rev. Chil. Hist Nat. 25:350-405, 1923

Algunas ideas de los mapuches acerca de los sismos

## HONORS (Diptera)

*Piriona* Aldrich 1928

*Pirionimyia* Townsend 1931

# Anders Fredrik Regnell

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Anders Fredrik Regnell, Swedish-born Brazilian physician and naturalist (Stockholm 07 June 1807 – Caldas, Minas Gerais State 12 September 1884)

Described the orchid species *Brasiliorchis serotina* 1881 with Barbosa Rodrigues

## HONORS

*Regnellidium* Lindman 1904 (Pteridophyta)

*Neoregnellia* Urban 1924 (Malvaceae)

# André Pinto Rebouças

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

André Pinto Rebouças, Brazilian engineer (Cachoeira, Bahia State 13 January 1838 – Funchal, Madeira Island 09 May 1898)

## ACHIEVEMENTS

Suggested multiple docks (1863)

Developed a kind of torpedo in time of war against Paraguay

Published an incomplete monograph “Ensaio de um vocabulário tecnico da arte de construir e das sciencias accessorias, nas línguas franceza, ingleza e nacional” (1867-8), with which aided to elaborate an engineering’s technical terminology. These technique normalization anticipated that it occurred in Europe (1868-9)

Figured out an original design of a pier with perpendicular moles (1867), the first in the world. This concept was adopted later in New York City seaport (1870)

Invented a machine for tensile strength testing of cement mortar specimens (1866)

# Andrés Posada Arango

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Andrés Posada Arango, Colombian physician, naturalist, geographer, ethnographer and historian (Medellín 11 February 1839 – Medellín 13 March 1923)

With Osorio introduced the term piedra and described clinical aspects of black piedra (1876)

Proposed the term bufin for active principle of frog poison (1871)

Proposed that the diet could be detected in dead body due to reaction between blood and sulphuric acid in Estudios medico-legales relativos a la identidad. Anales Acad. Med. Medellin 3(11):322-39, 1891

Aided in production of Dictionnaire Encyclopedique des Sciences Medicales

## DESCRIBED NEW SPECIES

### Plantae

*Bromelia longissima* 1909

*Cleome applanata* 1909

*Ficus minutaefolia* 1909

*Ficus venenata* 1871

*Oreodaphne oleifera* 1891

*Panopsis yolombo* 1950

*Pernettya locifolia*

*Smilax sanguinea* 1909

*Tagetes apetala* 1872

### Pisces (1909)

*Astroblepus dux*

*Chaetostoma aburrensis*

*Chalceus flavicollis*

*Tetragonopterus rhomboidalis*

*Tetragonopterus sardina*

*Trichomycterus medellinensis*

## HONOURS

Foreign Correspondant Member, Societé Anthropologique de Paris (1870)

Bronze Medal, Societé Anthropologique de Paris (1872)

Invited to International Congress of Botany and Horticulture, Saint Petersburg, Russia (1883)

International Scientific Medal (1892)

Genus *Posadaea* Cogniaux 1890 (Cucurbitaceae)

## LINKS

<http://biblioteca-virtual-antioquia.udea.edu.co/pdf/5/science-lpa-apa.pdf>

# Andrés Stoppani

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Andrés Oscar Manuel Stoppani Bahía, Argentine biochemist (Buenos Aires 19 August 1915 – Buenos Aires 18 March 2003)

Authored about 400 papers

## ACHIEVEMENTS

Demonstrated the existence of a physiological control on melanotrophic hormone secretion in Amphibia

Estudios fisiológicos y farmacológicos sobre los melanoforos de los batracios. Doctoral Thesis, Universidad de Buenos Aires (1942)

Reported the essential role of thiol groups on catalytic activity of certain enzymes

With R. Vallejos, C. Brignone, J. Brignone & A. Boveris described the regulatory actions of insulin and steroidal hormones on mitochondria functions

With E. Ramos & J. Boiso clarified the transport of amino acids in yeasts and *Trypanosoma cruzi*

Described mitochondrial respiratory chain of *Trypanosoma cruzi* and its antioxidants enzymes deficiency

With Vidal discovered isozyme inhibition due to a peptide present in the same venom

Performed important contributions to knowledge of mitochondrial respiration mechanisms in mammalian organs

Performed contributions about biochemical mechanisms in chemotherapy using orthoquinones for treatment of Chagas disease and cancer

Important works on metabolic biochemistry, genetics and immunology of *Trypanosoma cruzi*

## HONORS

Member, Nobel Committee of Chemistry, Royal Swedish Academy of Sciences (2002)

President, Section of Hormonal Regulation of Enzymatic Processes, VI International Congress of Biochemistry, New York (1964)

Houssay Prize, OAS (1989)

## BIBLIOGRAPHY

Saber y Tiempo 4(15):150-7, 2003

# Andrés Straffon Osorno

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Andrés Ernesto Straffon Osorno, Mexican pediatrician (10 January 1925 – Ciudad de Mexico 23 August 2012)

Authored the first monograph about preputium (1982)

Showed that the prepuce is a sphincter-similar plexiform smooth muscle (Straffon-Vargas dartos)

Elaborated neostigmine test for pathognomonic diagnosis of congenital pyloric stenosis (1959)

Developed a new technique for synechotomy

Patented a synechotomy forceps and 4 distinct kinds of tongue depressors

# Andres Weber

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Andrés George Weber y de Torres, Cuban odontologist (Guanabacoa, La Habana 31 December 1870 – La Habana 12 November 1950)

From German father

Authored over 300 scientific works between them *Bibliographiae Stomatologicae* (1922) and *Bibliographia odontologica*. *Rev. Dent. Habana* 10:321-32, 1917

His *Bibliographia dentalis* (1909) obtained gold medal in international congress of field at Berlin

Had the most complete classification of world's odontological bibliography and some 20,000 items in dentistry

Founder, Federation Dentale Internationale (1900)

Received posthumously International Miller Prize, Federeation Dentale International (1952)

# Angel Roffo

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Angel Honorio Roffo Gazzo, Argentine oncologist (Buenos Aires 30 December 1882 – Buenos Aires 24 July 1947)

Performed over 400 studies about cancer and authored 6 books

## ACHIEVEMENTS

Recognized tobacco as most significant cause of lung cancer

Realized that the tar in cigarettes was primarily cancer responsible

Identified polycyclic aromatic hydrocarbons as the principal carcinogenic agents in tobacco

His discoveries about tobacco as agent of cancer were forgotten and rediscovered by European and US researchers a few decades later

Suggested a relationship between skin cancer and overexposure to the Sun

Krebs und Sarcom durch Ultraviolett und Sonnenstrahlen. Zeitschrift fur Krebsforschung 41:448-67, 1935.

Performed the first studies about action spectrum of skin photocarcinogenesis (1939)

Showed that cholesterol is found in all malignant tumors of the skin and it is susceptible to the influence of solar radiations

Described and named nodular myolisis

Miolisis nodular de la lengua. Prensa Med. Arg. 15:78-81, 1928-9

Developed Roffo neutral red reaction or test for cancer diagnosis

With R. Rivarola. Reacción del rojo neutro en el cancer: su valor diagnostico. Bol. Inst. Med. Exper. Estudio Trat. Cancer 2:709-716, 1925.

Described Roffo biological reaction of spleen

La reacción biológica del bazo en el cancer provocado por la sangre humana de cancerosos. Bol. Inst. Med. Exper. Est. Trat. Cancer 10:745-56, 1933

Developed a stable compound with selenium, rubidium and eosine for cancer treatment

Developed a “culture box” for sterilization in autoclave

Honored in eponym Roffo sarcoma

## HONORS

Gold Medal, International Congress of Hygiene, Rome (1912)

Bauti Prize, Università di Firenze (1936)

Medicine & Physiology Nobel Prize nominee (1927, 1937 & 1940)

His son, Angel Eduardo Roffo Larroque, oncologist and biophysicist (Buenos Aires 14 July 1909 – La Lucila, Buenos Aires Province 09 September 1985)

## ACHIEVEMENTS

A new technique for determination of fluorescence

Nueva técnica de la determinación de la fluorescencia en el Instituto de Medicina Experimental. Bol. Inst. Med. Exper. Estudio Trat. Cancer 58:975, 1941

A new filter for photo-fluorescence

Un Nuevo filtro para la fotofluorescencia. Bol. Inst. Med. Exper. Estudio Trat. Cancer 59: 93, 1942

A new method of calculating the dosage of radium

Nueva regla de calculo para mediciones en la radiumterapia. Bol. Inst. Med. Exper. Estudio Trat. Cancer 59: 83-92, 1942

New technique for quantitative dosage of ultraviolet radiations

Nueva técnica para la dosificación cuantitativa de las radiaciones ultraviolet en la practica del uso medico. Bol. Inst. Med. Exper. Estudio Trat. Cancer



# Angel Spotorno

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Angel Enrique Spotorno Oyarzún, Chilean mammalogist and geneticist (1943 –

## DESCRIBED NEW TAXA

### Mammalia

*Loxodontomys pikumche* 1998 with Cofre, Manríquez, Vilina, Marquet & Walker

*Eligmodontina dunaris* 2013 with Zuleta, Walker, Manríquez, Valladares & Marín

*Lagidium ahuacaense* 2009 with Ledesma, Wener & Albuja

### Reptilia

*Liolaemus molinai* 2002 with Valladares, Etheridge, Schulte & Manríquez

### Siphonaptera

*Agastopsylla nylota euneomys* 1984 with Lewis

## HONORS

Subgenus *Angelomys* Teta, Cañon, Patterson & Pardiñas 2016 (Mammalia)

# Angelo Pires do Prado

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Angelo Pires do Prado, Brazilian entomologist (São Lourenço do Sul, Rio Grande do Sul State 01 February 1942 – Campinas, São Paulo State 25 August 2013)

Authored one book and 117 papers

## DESCRIBED DIPTERA TAXA

### Family

Syringogastridae 1969

### Genera

*Aristocerina* 1975 with Borgmeier

*Brachyphleбина* 1975 with Borgmeier

*Brachycosta* 1976

*Borgmeieria* 1976

*Borgmeiriphora* 1976

*Colyeria* 1975 with Borgmeier

*Cyrtophorina* 1975 with Borgmeier

*Dorsochaeta* 1975 with Borgmeier

*Lenkokroeberia* 1966

*Lopesiodinia* 1973

*Neotraginops* 1973

*Paraphrysopoda* 1983 with Guimarães & Papavero

*Platydipteron* 1975 with Borgmeier

*Stylusa* 1975 with Borgmeier

*Trichocerina* 1975 with Borgmeier

### Species

About 100

## HONORS

*Pradomyia* Gaimard 2007 (Diptera)

# Aníbal Cipriano da Silveira Santos

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Aníbal Cipriano da Silveira Santos, Brazilian neuro-psychiatrist (São Roque, São Paulo State 17 March 1902 – São Paulo 16 August 1979)

Authored 53 papers

## ESTABLISHED

A classification of mental processes in 24 clinical tables

The dependence relationships between frontal lobe areas and posterior cortical zones

The identity between neurophysiologic and psychical stimuli

## LINKS

[http://www.scielo.br/scielo.php?pid=S0004-282X1979000400014&script=sci\\_arttext](http://www.scielo.br/scielo.php?pid=S0004-282X1979000400014&script=sci_arttext) See [http://www.scielo.br/scielo.php?pid=S0004-282X1979000400014&script=sci\\_arttext](http://www.scielo.br/scielo.php?pid=S0004-282X1979000400014&script=sci_arttext). (in Portuguese)

# Anita Dolly Panek

April 16, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Anita Dolly Panek, Polish-born Brazilian biochemist (Cracow 01 September 1930 –

Authored about 160 papers

Determined the primary function of trehalose in baker's yeast as an energy source for cell division

Function of trehalose in yeast cells. Arch. Biochim. Biophys. 98:349, 1962

Showed that endogenous trehalose protects cells against damage caused by freezing (1988)

Demonstrated that the trehalose is required for survival of cells when submitted to various kinds of stresses such as dehydration, ethanol, heat and germination

Purified partially baker's yeast trehalase

With N.O. Souza. Purification and properties of baker's yeast trehalase. J. Biol. Chem. 239(6):1671-3, 1964

Showed the existence of a trehalose transport mechanism in yeasts

With P.S. Araujo, A.C. Panek, J.H. Crowe & L.M. Crowe. Trehalose-transporting membrane vesicles from yeasts. Biochem. Int. 24(4):731-7, 1991

## METHODS, TECHNIQUES AND PROCESSES

With A.S. Martins, D.N. Peixoto, L.M.C. Paiva & C.L. A. Paiva. A simple method for obtaining reusable reactors containing immobilized trehalase: Characterization of a crude trehalase preparation immobilized on chitin particles. Enzyme and Microbial Technology 38:486-492, 2006.

With B.U. Stambuk, J.H. Crowe, L.M. Crowe & P.S. Araújo. A Dependable Method For The Synthesis Of [C14] Trehalose. Anal. Biochem. 212:150-153, 1993.

With R.M. Ferreira, M.B. Dutra, V.M.F. Paschoalin & J.T. Silva. A new method for the purification of yeast Hsp26p (1999)

With R.M.A. Soler et al. A simple enzymatic method for trehalose quantification (1996)

With P.S. Araújo, A.C. Panek & R.Ferreira. Determination of trehalose in biological samples by a simple and stable trehalase preparation. Anal. Biochem. 176(2):432-6, 1989

With A.B. Valle & J.R. Mattoon. Colorimetric determination of succinic acid using yeast succinate dehydrogenase. Anal. Biochem. 91(2):583-99, 1978

## PATENTS

With E.C.A. Eleutherio patented a process for protecting and maintenance of human, animal and plant tissues employing trehalose PI9400068-9 (1994)

With C. Meleiro & V.M.F. Paschoalin developed a process for obtaining trehalose from *Saccharomyces cerevisiae* PI9303490-3 (1993)

With N. Bachinski, V.M.F. Paschoalin & C.L.A. Paiva developed a process to obtaining, purification and immobilization of trehalase from *Escherichia coli*. Process employing soluble and/or immobilized trehalase in enzymatic dosage of trehalose (1993)

# Anita Wajntal

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Anita Wajntal, Brazilian geneticist (14 July 1937 –

## DESCRIBED SYNDROMES AND OTHERS CONTRIBUTIONS

With D. Moretti-Ferreira, C.P. Koiffmann, M. Listik & N. Setian. Macrossomia, obesity, macrocephaly and ocular abnormalities (MOMO syndrome) in two unrelated patients: delineation of a newly recognized overgrowth syndrome. *Am. J. Med. Genet.* 46:555–8, 1993

With D. Moretti-Ferreira, C.R. Mingroni-Netto, R.C.M. Pavanello, B.B. Mendonça & A.J. Diamant. A criança macrossômica II: provável síndrome nova. *Cien. Cult.* 40:835, 1988

With I.J. Cavalli, I.J. Sbalqueiro & N. Freire-Maia. A 15/17 translocation in a patient with Prader-Labhart-Willi syndrome. *Human Heredity* 32(3):149–51, 1982 (first report of this kind of translocation in this syndrome)

With J. Roizenblatt & A.J. Diamant. Median cleft face syndrome or frontonasal dysplasia: a case report with associated kidney malformation. *Pediatr. Ophthalm. Strabismus* 16(1):16–20, 1979 (first case report of median cleft face syndrome associated with renal agenesis)

## DEVELOPED METHODS/MODELS

With F.S. Raposo do Amaral & F.H. Sheldon. Towards an assessment of character interdependence in avian RNA phylogenetics: a general secondary structure model for the avian mitochondrial 16S rRNA. *Mol. Phylog. Evol.* 56:498–506, 2010

With R. de Mars. A tetrazolium method for distinguishing between cultured human fibroblasts having either normal or deficient levels of glucose 6-phosphate dehydrogenase. *Biochem. Genet.* 1(1):61–4, 1967

## ORNITHOLOGY

Proposed the avian genera *Cryptoleucopteryx* & *Amadonastur* 2009 with Raposo do Amaral, Sheldon, Gamauf, Haring, Riesing & F.L. Silveira

# Anjali Roy

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Anjali Roy, Indian mycologist (fl.1961-98)

## SOME BIBLIOGRAPHY

With A.B. De. Taxonomy of *Hexagonia scutellata* comb. nov. J. Mycopath. Research (1998)

With A.B. De. New records of Polyporaceae from India (1997)

With A.B. De. Polyporaceae of India (1996)

With B. Bhattacharjee & A.L. Majumder. Beta-glucosidase of a white-rot fungus *Trametes gibbosa*. Biochem. Internat. 28(5), 1992

With A. Mitra & S. Dutta. New records of two wood rotting fungi from India. Indian Forester 11(2): 1985

With M.S. Singh. Studies on human pathogenic fungi from soil (1984-5)

With A. Pal & A.B. De. Nuclear behavior in basidia of *Polyporus antihelminthicus* Berk. Nova Hedwigia 36,

Studies on the Indian polypores. VI. Morphological and cultural characters of *Irpex flavus* Klotzsch. Nova Hedwigia 34:259-63, 1981

Taxonomy of *Fomes durissimus*. Mycologia 71:1005-8, 1979

Structures of zones in fruiting bodies of Polyporaceae. Nova Hedwigia 27:801-4, 1976

Record of *Poria xylostromatoides* from India (1973)

Some microstructures in relation to Polyporaceae. Mycopath. Mycol. Applicata 48:111-9, 1972

A significant variation of *Microsporon gypseum*. Mycopathol. 37:45-8, 1969

Anatomy of Indian Polyporaceae. Bull. Bot. Soc. Bengal 22, 1968

Studies on hyperpigmented form of *Trichophyton rubrum* (1964)

With A. Mitra. Taxonomy of *Daedalea flavida* Lev.

## HONORS

*Royoporus* A.B. De 1996 (Fungi)

# Anna Verster

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Anna Johanna Maria Verster, South African veterinarian parasitologist and helminthologist (Bethulie, Free State Province 20 November 1930 – Pretoria 01 September 1994)

Gained international recognition for her studies on hookworms that affects man and animals

Authored A Taxonomic revision of genus *Taenia* Linnaeus, 1758 s.str. Onderstepoort J. Vet. Res. 36:358, 1969 regarded as a classic

## DESCRIBED CESTODA TAXA

### Species

*Taenia pseudolaticollis* 1969

### Subspecies

*Echinococcus granulosus africanus* 1965

*Echinococcus granulosus newzealandensis* 1965

*Echinococcus granulosus orteppi* 1965

*Taenia ovis krabbei* 1969

## HONORS

*Versternema* Bain, Chabaud & Burger 1952 (Nematoda)

# Annamalai Ramanathan

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Annamalai Ramanathan, Indian mathematician (Madras 29 August 1946 – Chicago 12 March 1993)

Gave a notion of stability for principal  $G$ -bundle on a Riemann surface

Constructed a moduli space for semistable principal bundles with a real reductive structure group

With S. Ramanan proved that the tensor product of a semistable vector bundles is semistable (1984)

With V.B. Mehta introduced the notion of a Frobenius split variety and compatibly split subvarieties (1985)

Proved that a principal  $G$ -bundle admits an Einstein-Hermitian connection if and only if it is polystable (1988)

## EPONYMY

Ramanan-Ramanathan theorem

Rumford-Mehta-Ramanathan restriction theorem

Raghunathan-Ramanathan theorem

Kumar-Narasimhan-Ramanathan lemma

Ramanathan lemma

Ramanathan stability

Mehta-Ramanathan theorem for linear systems

Mehta-Ramanathan theorem for slope  $K$ -semistability

Mehta-Ramanathan theorem rank of a real form



# Anselm Windhausen

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Anselm Windhausen, German-born Argentine geologist and stratigrapher (Lingen, Emsland, Lower Saxony 20 April 1882 – Buenos Aires 02 April 1932)

Enunciated the concept of Jaguel layers

The problem of the Cretaceous-Tertiary boundary in South America and the stratigraphic position of the San Jorge-Formation in Paragonia, American Journal of Science, volume XLV, No. 265, January 1918.

## SOME BIBLIOGRAPHY

Die Einhornhöhle bei Scharzfeld a. Harz, Der Harz, 14 Jg., H. 3, 5 p. 75-88, Magdeburg, 1907.

Die geologischen Verhältnisse bei den Ausgrabungen in der Eninhornhöhle. Zeitschrift für Ethnologie, 39 Jg., H. 4 u. 5, 540-543, Berlin, 1907.

Die geologischen Verhältnisse der Bergzüge westlich und südwestlich von Hildesheim (Dissertation zur Erlangung der Doktorwürde), August Lax, Hildesheim, 1907, Mitt. aus dem Roemer-Museum, id. 1907.

El yacimiento de rafaélita en Auca Mahuida, Ministerio de Agricultura, Dirección General de Minas, Geología e Hidrología, Bo. 1, Boletín, tomo XIV, No. 10, Buenos Aires, 1912.

Contribución al conocimiento geológico de los territorios del Río Negro y Neuquén, Ministerio de Agricultura, Anales, Sección Geología, Mineralogía y Minería, Tomo X, No. 1, Buenos Aires, 1914.

Einige Ergebnisse Zweier Reisen in den Territorien Río Negro und Neuquén, Neues Jahrbuch für Mineralogie, Geologie und Paläontologie, Beilage-Band XXXVIII, Stuttgart, 1914.

Die geologischen Verhältnisse der Argentinischen Petroleumlagerstätten (Vortrag), Jahresbericht 1914 des Argentinischen Vereins Deutscher Ingenieure, Buenos Aires, 1914.

Los yacimientos petrolíferos de la zona andina (Prov. de Mendoza y territorio del Neuquén), Ministerio de Agricultura, Dirección General de Minas, Geología e Hidrología, Boletín No. 15, serie B (Geología), Buenos Aires, 1916.

Consideraciones generales sobre el límite entre el Cretácico y el Terciario, Primera Reunión de la Sociedad Argentina de Ciencias Naturales, Tucumán, 1916 (resumen), en Actas, Buenos Aires, 1918-1919.

Líneas generales de la estratigrafía del Neocomiano en la Cordillera Argentina, Academia Nacional de Ciencias de Córdoba, Boletín, tomo XXII, Córdoba-Buenos Aires, 1918.

With R. Beder. Sobre la presencia del Devónico en la parte media de la República del Paraguay. Academia Nacional de Ciencias de Córdoba, Boletín, tomo XXIII, Córdoba-Buenos Aires, 1918.

Apuntes sobre la historia geológica de la planicie costanera en la Patagonia septentrional, Diario La Época, Buenos Aires, lunes 18 de octubre de 1920.

Informe sobre un viaje de reconocimiento geológico en la parte nordeste del territorio del Chubut, con referencia especial a la cuestión de la provisión de agua de Puerto Madryn, Ministerio de Agricultura, Dirección General de Minas, Geología e Hidrología, Boletín No. 24, Buenos Aires, 1921.

Ensayo de una clasificación de los elementos de estructura en el subsuelo de la Patagonia y su significado para la historia geológica del continente, Academia Nacional de Ciencias de Córdoba, tomo XXV, Córdoba-Buenos Aires, 1921.

Geología del Cerro Lotena, Auca Mahuida y Covunco, centro del Neuquén, Revista "Petróleos y Minas", I, Nos. 7 y 8, Buenos Aires, 1921.

Eine Blick auf Schichtenfolge und Gebirgsbau in Südlichen Patagonien, Geologische Rundschau, Band XII, FET 3/5, Leipzig, 1921.

Estudios geológicos en el valle superior del Río Negro, Ministerio de Agricultura, Dirección General de Minas, Geología e Hidrología, Boletín No. 29, serie B (Geología), Buenos Aires, 1922.

Geología del Cerro Lotena, Auca Mahuida y Covunco, centro del Neuquén (continuación), Revista "Petróleos y Minas", Nos. 10, 11, 12 y 13, Buenos Aires, 1922.

Cambios en el concepto de las condiciones geológicas del yacimiento petrolífero de Comodoro Rivadavia (comunicación preliminar), Academia Nacional de Ciencias de Córdoba, tomo XXVII, Córdoba-Buenos Aires, 1923.

Líneas generales de la constitución geológica de la región situada al oeste del golfo de San Jorge, Academia Nacional de Ciencias de Córdoba, tomo XXVIII, Córdoba-Buenos Aires, 1924.

Apuntes sobre el sistema hidrográfico del río Senguerr, Sociedad Argentina de Estudios Geográficos (GAEA), Anales, No. 4, Buenos Aires, 1925.

Einige Linien der geologischen Entwicklungsgeschichte Patagoniens im Lichte neuerer Forschungen, 17. Jahresbericht des Niedersächsischen Geologischen Vereins zu Hannover, Hannover, 1924.

Informe sobre las posibilidades existentes para el aprovisionamiento de agua en Puerto Camarones (Territorio de Chubut), Ministerio de Agricultura, Dirección General de Minas, Geología e Hidrología, Publicación No. 20, Buenos Aires, 1926.

Rasgos geológicos y morfológicos de la región del lago Nahuel Huapí, Sociedad Argentina de Estudios Geográficos (GAEA), tomo II, No 2., Anales, Buenos Aires, 1925.

Las antiguas conexiones de la Patagonia, Academia Nacional de Ciencias de Córdoba, boletín No. 28, tomo XXVIII, Buenos Aires, 1925.

Consideraciones generales sobre la hidrografía de la provincia de Córdoba y partes adyacentes, Revista "Ingeniería Civil", I, Córdoba, 1928.

Geología Argentina, primera parte: Geología General o Dinámica, Ed. Jacobo Peuser, Buenos Aires, 1929.

Geología Argentina, segunda parte: Geología Histórica y Regional del Territorio Argentino, Ed. Jacobo Peuser, 1931.

Bau und Bild Patagoniens, Zeitschrift der Gesellschaft für Erdkunde zu Berlin, Jahrgang 1932, Nr. ½, Berlin, 1932.

Apuntes sobre la zona petrolera de la Patagonia meridional, Boletín de Informaciones Petroleras de Yacimientos Petrolíferos Fiscales (YP), Buenos Aires, julio de 1935

## HONORS (Fossil)

*Windhausenia* Kraglievich 1930 (Mammalia)

*Windhauseniceras* Leanza 1945 (Mollusca)

## LINKS

[HTTPS://www.kartswanderweg.de/aw.htm](https://www.kartswanderweg.de/aw.htm)See <https://www.kartswanderweg.de/aw.htm>.

# Antonino dos Santos Rocha

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Antonino dos Santos Rocha, Portuguese-born Brazilian nephrologist (Portugal 06 November 1936 – São Paulo 19 October 1990)

Internationally recognized as an authority on renal physiology and physiopathology

A number of his works were considered international classics in the field

Discovered chloride channel on the Henle loop ascending limb

Proposed a new model of countercurrent system

With J.P. Kokko, F.C. Rector Jr & M. Imai. Experimental and theoretical evidence for the passive equilibration model of countercurrent multiplication system. Proc. 5<sup>th</sup> Intern. Congr. Nephrol. 2:91-6, 1972

Performed the first direct experiments on the thick ascending limb of Henle's loop and discovered that transepithelial potential difference across it is oriented lumen positive independently of Maurice B. Burg & Nordica Green

With J.P. Kokko. Sodium, chloride and water transport in the medullary thick ascending limb of Henle. Evidence of active chloride transport. J. Clin. Invest. 52:612, 1973

First work employing micropuncture in the functional study of glomerulopathies

With M.M. Machado & G. Malnic. Micropuncture study in rats with experimental glomerulo-nephritis. Kidney Intern. 3(1):14, 1973

Described the K transport mechanism in this nephron segment and a process of K medullary re-circulation

With J.P. Kokko. Membrane characteristics regulating potassium transport out of the isolated perfused descending limb of Henle. Kidney Intern. 4:326-30, 1973

Clarified the mechanism of urea intrarenal re-circulation and the process by which the medullary nephron becomes hypertonic

With J.P. Kokko. Permeability of medullary nephron segments to urea and water. Effect of vasopressin. Kidney Intern. 6:379-87, 1974

With S. Tsuzuki, O.M. Gomes, N. Gushi, J.B. Magaldi & G. Verginelli. Bomba para infusão venosa contínua com baixo fluxo. Novo modelo (1974)

Analysed the calcium and phosphate transport in each segment of Henle loop

With J.B. Magaldi & J.P.Kokko. Calcium and phosphate transport in isolated segments of rabbit Henle's loop. J. Clin. Invest. 59:875-93, 1977

Showed that papillary collecting duct plays a role in regulating the urinary excretion of chlorine and sodium ions and in maintenance of extracellular volume

With Lucia H. Kudo. Sodium chloride and electrical gradient across the isolated perfused papillary collecting duct. Anais 8th Internat. Congr. Nephrol. C5 (1978)

First to use rat as experimental model in microperfusion laboratory

With A.L.J. Almeida. Características funcionais da alça de Henle e ducto coletor do rato recém-nascido: estudo de microperfusão "in vitro". Doctoral Thesis, Instituto de Ciencias Biomédicas, Universidade de São Paulo (1979)

Showed differences between papillary collecting duct and cortical tubule in relation to sodium and potassium transport and physiological and physiopathological roles

Heterogeneidade funcional do ducto coletor: transporte de sódio e cloro. Efeito do lítio sobre a permeabilidade da água. Thesis, Faculdade de Medicina, Universidade de São Paulo (1979)

Showed that biggest part of filtrate calcium is reabsorbed in pars recta of proximal tubules and that this reabsorption occurs by a distinct mechanism in the upper portions of proximal tubules

With A.L.J. Almeida & L.H. Kudo. Calcium transport in isolated perfused pars recta of proximal tubule. Braz. J. Med. Biol. Res. 14:43-9, 1981

Authored the first work dealing about the features of water and urea transport in human nephron segments

With L.H. Kudo. Water, urea, sodium, chloride and potassium transport in the "in vitro" isolated perfused papillary collecting duct. Kidney Internat. 22:485, 1982

First to show a model of in vitro cultured papillary collecting duct cells from rat kidneys

With M. Ori. Cultura primária de células do ducto coletor papilar: transporte de sódio e incorporação de timidina (1984)

## **Other works with good repercussion**

With L.H. Kudo. Chloride and sodium secretion by rat papillary collecting duct.

Permeability of medullary nephron segments to urea and water. Effect of vasopressin. Kidney International 6:379, 1974

With J.B. Magaldi. Calcium and phosphate transport in isolated segments of rabbit's Henle loop. J. Clin. Invest. 59:975, 1977

With M.I.P. Leão, C.M.B. Helou, R. Costa & J.B. Magaldi. Mecanismo de espoliação de potássio produzida pela furosemida. Rev. Bras. Pesq. Med. Biol. 12(6):391-9, 1979

# Antonio & Therezinha Paiva

April 16, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Antonio Cechelli de Mattos Paiva, Brazilian biochemist (Mogi Mirim, São Paulo State 21 June 1929 – São Paulo 18 May 2006)

Authored about 150 papers

With his wife gained international recognition for their work on polypeptides syntheses

## SYNTHESES OF PEPTIDES

With T.B. Paiva et al. New specific antagonists of angiotensin I and II (1973)

With T.B. Paiva & M.E. Miyamoto. An analogue peptide of pepsitensin (1973)

With T.B. Paiva & M.E. Miyamoto. Synthesis of a proposed pepsitensin. J. Med. Chem. 16(3):280, 1973

With M. Tominaga, J.M. Stewart & T.B. Paiva. New bradykinin potentiating peptides (1975)

With G. Goissis & V.L.A. Nouailhetas. Biologically active retroenantiomers of angiotensin peptides (1976)

With C.R. Nakaie, M.E.M. Oshiro & G. Goissis. New peptide analogues of angiotensin II (1977)

With E.B. Sabia, M. Tominaga & T.B. Paiva. New analogues of snake venom peptides (1978)

With C.R. Nakaie, E.G. Silva, E.M. Cilli, R. Marchetto, S. Schreier & T.B. Paiva. Synthesis and pharmacological properties of TOAC-labeled angiotensin and bradykinin analogs. Peptides 23(1):65-70, 2002

## OTHER CONTRIBUTIONS

With T.B. Paiva & J.L. Prado demonstrated that angiotensin and pepsitensin were distinct substances

Non-identity between pepsitensin and hypertension revealed by paper electrophoresis. Science 120:611, 1954

With T.B. Paiva. The importance of the N-terminal of angiotensin II for its pressor and oxytocic activities. Biochem. Pharmacol. 5:181, 1960

With V.L.A. Nouailhetas, M.E. Miyamoto, G.B. Mendes & T.B. Paiva. New specific angiotensin inhibitors. J. Med. Chem. 16(1):6-9, 1973

With L. Oliveira & G. Vriend. A common step for signal transduction in G protein-coupled receptors. J. Comput. Aided Mol. Des. 7:649-58, 1993

A novel enzyme with activity tonin-like from rat submandibular gland (1993)

With N.L. Miasiro. Specific endothelin receptor agonists and antagonists disclose two new Etb receptors in the guinea pig ileum. Abst. XII Intern. Congr. Pharmacology p.572, 1994

With L. Oliveira & G. Vriend. A low resolution model for the interaction of G proteins with G-protein coupled receptors. Protein Engin. 12:1087-95, 1999

With M. Tominaga, S.R. Barbosa, S. Schreier, C.R. Nakaie et al. Fmoc-POAC: [(9-fluorenylmethyloxycarbonyl-2,2,5,5-tetramethylpyrrolidine-N-oxyl-3-amino-4-carboxylic acid): A novel protected spin labeled amino acid for peptide and protein chemistry. Chem. Pharm. Bulletin 49(8):1027-9, 2001

With L. Oliveira, P.B. Paiva & G. Vriend. Sequence analysis reveals how G protein-coupled receptors transduce the signal to the G protein. Proteins 52:553-60, 2003

## BRAZILIAN PATENTS

With C.R. Nakaie, M. Tominaga, S.R. Barbosa, R. Marchetto & S. Schreier. Síntese de um novo derivado de aminoácido paramagnético (epm-5) para uso em marcação de diferentes macromoléculas e sistemas de interesse químico-biológico PI9903137-0 A2 (1999)

With J.B. Pesquero, J.L. Pesquero, R.C. Araújo, M.A.S. Mori & M.S. Bader. Mecanismos e drogas utilizados no tratamento de diabetes, obesidade e controle dos distúrbios da fome (2005)

## HONOURS

100 Best Scientists of the World, Banning Foundation, Cambridge, United Kingdom (2006)

His wife, Therezinha Bandiera de Paiva, pharmacologist (Paraguacu Paulista, São Paulo State 20 April 1929 – São Paulo 15 March 2011)

From Italian descent

See above

## BRAZILIAN PATENT

With E. Achar, A.H. Campos, W.S. Almeida, R.A.N. Achar & N. Schor. Uso da amitriptilina, composição, forma farmacêutica, produto alimentício e método para prevenção, tratamento e eliminação de cálculos renais em animais PI0400994-0 A2 (2004)

With E. Achar, A.H. Campos, W.S. Almeida, R.A.N. Achar & N. Schor. Uso da amitriptilina, composição, forma farmacêutica, produto alimentício e método para prevenção, tratamento e eliminação de cálculos renais em humanos PI0400995-9 A2 (2004)

# Antonio Alves de Noronha

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio Alves de Noronha, Brazilian civil engineer (Teresina 16 September 1904 – Paris 18 June 1962)

Worldwide respected as an authority in reinforced concrete

Designed and leaded the building of nearly 2000 works

Designed the world's biggest arc with intermediate stage at the bridge over Rio das Antas, 186 meters (1952)

Designed the world's biggest prestressed elliptic shell without ribs in games room dome of Hotel Quitandinha, Petrópolis (1943)

Honored with Honoris Causa title from ETH of Zurich in commemoration of institution centennial (1955)

# Antonio Carlos Pacheco e Silva

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio Carlos Pacheco e Silva, Brazilian neuropsychiatrist (São Paulo 29 May 1898 – São Paulo 27 May 1988)

Authored original studies about general pathology of syphilitic infection of the nervous centers with many citations in literature

Related the presence of Schaudinn spirochaeta in the tissues of nervous centers within the lymphatic channels (Virchow-Robin spaces) and in the proximity of the blood vessels, as well as in the intimate fibers of optic vessels

Demonstrated the granular form of syphilis germ in brain

With C. Tretiakoff. Uma forma particular da síndrome peduncular alterna. Mem. Hosp. Juqueri 1:101-6, 1924

Eponym of Pacheco e Silva-Oliveira Bastos blepharospasm sign in Parkinson disease

## OFFICES

President, World Federation for Mental Health (1960-1)

# Antonio Carlos Rocha Campos

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Antonio Carlos Rocha Campos, Brazilian geologist and paleontologist (Araras, São Paulo State 03 March 1937 – São Paulo 22 July 2019)

First to identify a boulder pavement in Antarctica (2012)

With M. Kuchenbecker, W. Duleba, P.R. dos Santos & F.M. Canile. A (tidal-marine) boulder pavement in the late Cenozoic of Seymour Island, Antarctica: contribution to palaeogeographical and palaeoclimatic evolution of West Antarctica. *Antarctic Science* 29(6):555–9, 2017

## DESCRIBED

### Fossil Mollusca

#### Genera

*Tayoa* 1964

*Pindorama* 2006 with Anelli & Simões

*Carnauba* 2009 with Anelli, Simões & Peck

#### Species

*Adamusium auristriatum* 2008 with Quaglio, Anelli, dos Santos & Perinotto

*Attenuatella paulistana* 1969

*Australomya sinuosa* 1993 with Simões

*Carnauba oiticica* 2009 with Anelli, Simões & Peck

*Chaenomyia caatingaensis* 2009 with Anelli, Simões & Peck

*Cypricardina boliviana* 1977 with Carvalho & Amos

*Deltopecten harringtoni* 1975 with Carvalho

*Ennucula frigida* 2006 with Anelli, dos Santos, Perinotto & Quaglio

*Ennucula musculosa* 2006 with Anelli, dos Santos, Perinotto & Quaglio

*Exochorhynchus buriti* 2009 with Anelli, Simões & Peck

*Leioptera paranaensis* 1969

*Limatula (Antarctolima) ferraziana* 2008 with Quaglio, Anelli, dos Santos & Perinotto

*Limopsis psimolis* 2006 with Anelli, dos Santos, Perinotto & Quaglio

*Mourlonia baitacensis* 1969

*Mourlonia balapucensis* 1977 with Carvalho & Amos

*Myonia costata* 1970

*Neilo rongelii* 2006 with Anelli, dos Santos, Perinotto & Quaglio

*Nuculavus levatiformis* 2007 with Anelli & Simões

*Oriocrassatella itajaiensis* 1970

*Periploma acuta* 2006 with Anelli, dos Santos, Perinotto & Quaglio

*Pindorama nordestina* 2006 with Anelli, dos Santos, Perinotto & Quaglio

*Pleurophorella parnaibensis* 2009 with Anelli, Simões & Peck

*Polidevcia bellistriata* 2007 with Anelli & Simões

*Solermia (Janeia) radiata* 2007 with Anelli & Simões

*Tayoa erichseni* 1964

*Vacunella camacho* 1975 with Carvalho

*Warthia brasiliensis* 1970

*Yoldia peninsularis* 2006 with Anelli, dos Santos, Perinotto & Quaglio

#### Others

*Peruvispira delicata* 1978 with Roesler (Brachiopoda)

## MEMBERSHIP/OFFICES

President, Scientific Committee on Antarctic Research (1994–8)

# Antonio José da Costa Nunes

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio José da Costa Nunes, Brazilian geotechnical engineer (Rio de Janeiro 29 April 1916 – Rio de Janeiro 03 August 1990)

## ACHIEVEMENTS

First to use tieback walls to stabilise a soil slope (1957) and developed the technique of excavating a wall from the top down as tie backs were installed

Information extracted from J.A.R. Ortigão & H. Brito. Tieback walls. In: Handbook of slope stabilization. Ortigão, J.A.R. & Sayão, Alberto S.F. (editors). 2004

Developed a new method for stabilizing rock slopes employing anchor bolts. Conceived reinforced concrete wall with anchored buttresses. This method was known as Brazilian method.

With Dirceu de Alencar Velloso & Fernando Sarto. A consolidação de taludes rochosos por meio de chumbadores. Rev. Clube de Engenharia de Juiz de Fora 1:, 1960.

Applied Anchorage in Soil to Highways with Velloso and Sarto in late 1950s. Published in 1960 independently of Karl Bauer in Germany that published at the same year.

Created Press-anchorage, a new type of foundation

Presso-ancoragens, um novo tipo de fundação. Estrutura 18(78):40-45, 1977.

Created micro-anchorage, a new system for restraint embankments using reinforced concrete's iron bars and horizontal plates

With W.Craizer. Micro-ancoragens. Primeiro Seminário Regional de Mecânica de Solos e Engenharia de Fundações, Salvador, Bahia, May 1978.

Published a method for analysis of global stability

Nunes, A.J.C. & Velloso, D.A., Estabilização de taludes em capas residuais de origem granito-gnaissica. 2nd PanAmerican Conference on SMFE, Brazil 2:383-394, 1963.

Published a method to estimate load capacity in micropiles (1974)

Published a method to estimate anchoring load capacity in soils

Ground Pre-Stressing, First Casagrande Lecture. 8<sup>th</sup> Pan American Conference on SMFE, Cartagena, Colombia, 1987.

Developed a technique for mensuration of refraction indices using least shift method

# Antonio Maria Pineda

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio María Pineda Bujanda, Venezuelan surgeon (Barquisimeto, Lara State 27 September 1850 – Barquisimeto, Lara State 05 October 1941)

Authored over 50 medical works

## INVENTIONS

Folding operation tables

Pineda catheter

An electric thermometer (Pineda ideal thermometer)

An eye teno-neurotome used to section of optical nerve (presented in 1922)

Spatula for removal of foreign bodies in bladder

A spatula for dissections

A cautery torch

Pineda probe for urinary retention

A procedure to make refractory clay made instruments (1917)

Magic tube for poisoning railways



# Antonio Quelce Salgado

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio Quelce-Salgado, Brazilian human geneticist (Castro, Paraná State 22 September 1932 –

Described Grebe-Quelce-Salgado chondrodysplasia

A new type of dwarfism with various bone aplasias and hypoplasia of the extremities. *Acta Genet. Stat. Med.* 14:63, 1964

A rare genetic syndrome. *Lancet* 1:1430, 1968

## Papers in top journals

With N. Freire Maia & A. Freire Maia. Parity effect on abortions. *Lancet* 1 (7284):774–5, 1963

With N. Freire Maia. Lethal mutations in Brazilian human populations. *Nature* 189:80, 1961

# Antonio Raimondi

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Giovanni Antonio Raimondi, Italian-born Peruvian naturalist and geographer (Milano 19 September 1824 – San Pedro de Lloc, La Libertad Dept 26 October 1890)

Authored over 150 works

Discovered new species of marine invertebrates in central and southern portions of Peru

Discovered 80 new plant species

Collected 31 000 specimens between animals, plants, rocks, minerals and ethnographic material being 2000 mollusks, 4000 insects and 2665 birds

## DESCRIBED

### Plantae

#### Species

*Chloraea undulata* ex Colunga 1857

*Culcitium discolor* ex Herrera 1921

*Verbena stachys* 1913

### Mineral

Sideronatrite (1878)

Huantajayite (1876) variety

Tarapacaite (1878)

Malinowskite (1876) variety

Arequipite (1878)

Cuprochalcite (1872)

Described archaeological site of Chavín de Huantar

Conceived a method to recognize the presence of lead sulfate or anglesite employing a sodium chloride solution (1873) and a rapid test for determination of tourmalines employing hydrofluoric acid

## HONORS

*Raimondia* Safford 1913 (Annonaceae)

*Neoraimondia* Britton & Rose 1920 (Cactaceae)

*Raimondiceras* Spath 1924 (Fossil Mollusca)

## LINKS

[www.diccionariobiograficoecuador.com/tomo/tomo17/r1.htm](http://www.diccionariobiograficoecuador.com/tomo/tomo17/r1.htm)

[www.museoraimondi.org.pe/documentos/quimico-maldonado-diosdeguevara.doc](http://www.museoraimondi.org.pe/documentos/quimico-maldonado-diosdeguevara.doc)

<http://www.museoraimondi.org.pe/raimondi.htm>

# Antonio Romero

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio A. Romero, Argentine Army officer and explorator (18??-1929)

Collected specimens of fossil vertebrates and plants such as the first marine crocodile of the country (1898) and the *Pyrotherium romeroi* (described by F. Ameghino in 1888)

Developed a new system of removable car (1913)

## SOME BIBLIOGRAPHY

Un fuerte desconocido por los historiadores de Buenos Aires. Bol. Bibl. Nacional Peru 22(1):633-5, 1928

La explotación del petróleo en el Neuquén. Teorías equivocadas y estudios geológicos imaginarios practicados (1926)

*Homo pampaeus*. Contribución al estudio de origen y antigüedad de la raza humana en Sud América según recientes descubrimientos. Anales Soc. Cient. Arg. LXXXVI:5-48, 1918

La obra de Florentino Ameghino; La importancia de los hallazgos paleolíticos de Chapalmalán (Miramar); El origen del caballo en América (1915)

Las tituladas geodas ferruginosas del Iberá, Entre Ríos, etc., por el señor Enrique de Carlés, su origen y la edad geológica que se les atribuye. Anales Soc. Cient. Argentina 25:497, 1913

Las escorias y tierras cocidas de las formaciones sedimentarias neógenas de la República Argentina. Anales Museo Nac. Hist. Natural Bs. Aires 22 Ser3 Tomo 15:11-44, 1912

Estudio geológico de nuestro continente (Sud América)

## HONORS

*Romeroites* Spegazzini 1924 (Fossil Plantae)

# Antonio Sesso

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio Sesso, Brazilian morphologist and microscopist (São Paulo 08 August 1930 –

## ACHIEVEMENTS

Performed the first observation about structural genesis of membranous compartments originated from endoplasmic reticulum

With S.R.R. B. Azimovas, M.A. Ferreira & W.T. Correa. Freeze-fracture and thin section study of the rough ER-Golgi interface in the pancreatic acinar cell. Resemblance between the intermembranal architecture of the outermost Golgi cisterna and the post-rough ER vesicular and tubular elements. *Biol. Cell.* 81(2):165-76, 1994

With others showed that rupture of the outer mitochondrial membrane seen in apoptotic cells results of the loss of the selective permeability of the inner mitochondrial membrane (2004-12)

With others showed vesicular clusters as a third similarity between mitosis and apoptosis in *Tissue & Cell* 31(3):357-71, 1999

Observed that mycoplasma enters cells through periphery

## METHODS

Developed procedure for high resolution autoradiography (1963)

With H. Haselmann, S. Raia, L.C. U. Junqueira et al. A method for microcinematography of secretory processes in the pancreas of the white mouse. *Mikroskopie* 8(11-2):400-5, 1953

With R. Taga & E.P. Alvares. Morphometric evaluation of the volume of the spherical and nonspherical cell nuclei in semithin plastic embedded sections. *Rev. Fac. Odont. Bauru* 2(1):41-4, 1994

With R. Taga & L.C. Pardini. Avaliação da homogeneidade da amostra em morfometria. *Rev. Fac. Odont. Bauru* 6(4):57-60, 1994 (a method for verifying the samples homogeneity in morphometric evaluation)

With R. Taga & L.C. Pardini. Grau de precisão na avaliação morfométrica do número de células. *Rev. Fac. Odont. Bauru* 6(4):67-70, 1994 (a method for estimating the precision degree in the morphometric absolute cell number evaluation)

# Antonio Sidney Pompeu

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Antonio Sidney Pompeu, Brazilian plant geneticist (Taquaritinga, São Paulo State 16 June 1938 –

Of Italian descent from paternal side

## DEVELOPED NEW VARIETIES OF DRY-BEANS

With O. Paradelo Filho. Novas linhagens do feijoeiro (*Phaseolus vulgaris*) dos grupos Rosinha e Roxinho, resistentes ao fungo da antracnose (*Colletotrichum lindemuthianum*). Summa Phytopath. 5(3-4):153-8, 1979

Catú, Aeté 3, Aroana 80, Moruna 80, Carioca 80 & Aysó (1982)

IAC-Oirã, IAC-Poitara & IAC-Tupã (1987)

IAC-Maravilha, IAC-Una, IAC-Carioca Pyatã, IAC Carioca Aruã, IAC Carioca Akytã & IAC-Bico de Ouro (1997)

IAC- Carioca Eté & IAC-Carioca Tybatã (1999) with S.A.M. Carbonell, M.F. Ito & N. Bortoletto

IAC-Votuporanga, IAC-Ybaté & IAC-Apuã (2005)

## PLANT PATHOLOGY

With L.V. Crowder. Methods of inoculation and bacterial concentrations of *Xanthomonas phaseoli* Dows for the inheritance of disease reaction in *Phaseolus vulgaris* crosses (dry-beans), under growth conditions. Cien. Cult. 25(11):1078-81, 1973

With O. Paradelo Filho & M.F. Ito. Novas raças fisiológicas de *Colletotrichum lindemuthianum* (Sacc. & Magn.) Scrib. (1982)

# Antonio Tossolini

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio Olivo Tossolini, Argentine mechanic and carpenter (1900 – Bell Ville, Cordoba Province 22 June 1959)

From Italian parentage

With Juan Valbonesi (Italian-born commercial employee died 1970) and former soccer player Luis Romano Polo Tonello (Unión Cordoba 01 February 1901 – Unión Cordoba 25 July 1957) patented Superball, the first leather lace-free soccer ball with perfect roundness that revolutionized the sport

Argentine patent 35.779 (1931)

Valbonesi patented it in United Kingdom (Improvements in inflatable balls for use in ball games such as football GB number 19,285 (1931) and Italy

Invented Topoval, the first hand inflator of the world (1948)

Improvements in/or relating to liquid supply pumps particularly for liquid fuel mixtures

With his brothers Eduardo & Eugenio developed a number of inventions

# Antonio Vivacqua Filho

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Antonio Vivacqua Filho, Brazilian inventor (Cachoeiro do Itapemirim, Espírito Santo State 1915-?)

## INVENTIONS (more than 60)

Artificial milk and creams

Meat shredding technique

Technique of breaking and mechanical separation of coconuts

Process for brandy's deodorization and electronic aging

Process for protecting seals, checks and documents against falsification

An improved process for partial production of animal fats

A Synthetic carbide

An original process for obtaining soluble coffee

An process of hydrogenising under pressure oleaginous seeds and fruits

A portable device for detecting suffocant gases

Synthetic tissue for employ as substitute for human skin

Electronic device for immunization of cereal plants

Perfected a distillation process for melioration of babassu coconut

With R.G. Pedrazzi. A process for fabrication of the soya milk (1977)

A method for production of fuels from babassu and other plants

With M. Almeida & J. Baptista. New process for wood carbonization including byproducts utilization / Design of a new masonry furnace for making the use of condensable and noncondensable by-products as well as metalurgical coal) 1982

Vivacqua Filho process for use of babassu products

Forno carbodestilador de madeira, babaçu e análogos BR8301009A (1983) / A furnace for carbonization and distillation of wood, babassu, etc. (1983)

With J.B. de Oliveira & P.A. Gomes. Forno de alvenaria com porta de carga em dois níveis, adaptado com câmara de combustão externa para carbonizar madeira e coco babaçu BR6201468U (1982)

With P. Vivacqua de Biase. Exhaust manifold for an internal combustion engine apparatus for the catalytic transformation of fuel and improved internal combustion engine including such an apparatus IT8267225DO DE3206985A1 GB8205440 IT212653B FR8203242 (1982) or Device for catalytic conversion of fuel for a combustion engine DE3206985A1 (1982)

With P. Vivacqua de Biase. Motor a explosão e aparelho para a transferência catalítica de álcool e/ou hidrocarbonetos e suas misturas, em gases combustíveis carburantes BR8101247 (1981)

# Aquiles Silveira Guido

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Abelardo Aquiles Silveira Guido, Uruguayan agricultural entomologist (1914 – 2004)

Recognized as a world expert on biological control of agricultural pests

## SOME BIBLIOGRAPHY

With H.G. Fowler. *Megacephala fulgida*: a phonotactically orienting predator of *Scapteriscus* mole crickets (Orthoptera: Gryllotalpidae). Cicindela (1989)

With E.F. Legner. Establishment of *Goniozus emigratus* and *G. legneri* (Hym:Bethylidae) on navel orangeworm, *Amyelois transitella* (Lepidoptera:Phycitidae) in California and biological control potential. Entomophaga 28(2):97-105, 1983

With E.F. Legner, G. Gordh & M.E. Badgley. New wasp may help control navel orangeworm. California Agriculture 36(5):4-5, 1982

With R. Charudattan, D.E. McKinney & H.A. Cordo. *Uredo eichhorniae* a potential biocontrol agent for waterhyacinth (1978)

With D.H. Habeck. Natural enemies of strangler, *Morrenia odorata* and two closely related species, *M. brachystephana* and *Araujia hortorum* in Uruguay (1977)

With R. Charudattan, H.A. Cordo & F.W. Zettler. Obligate pathogens of the milkweed vine *Morrenia odorata* as biocontrol agents (1976)

With B. David Perkins. Biology and host specificity of *Cornops aquaticum* (Bruner) (Orthoptera: Acrididae), a potential biological control agent for waterhyacinth. Environ. Entom. (1975)

With J. Carbonell Bruhn & C. Crisci. Animals associated with the *Solenopsis* (fire ants) complex, with special reference to *Labachenia daguerrei*. Proc. Tall Timbers Conf. Ecol. Animal control Habit Manag. 4:41-52, 1973

Dados preliminares de biología y especificidad de *Acigona ignitalis* Hamps. (Lep, Pyralidae) sobre el husped *Eichhornia crassipes* (Mart.) Solms Laubach (Pontederiaceae). Rev. Soc. Entomol. Arg. 32:137-45, 1971

Investigations on natural enemies of ants (1969)

With C. Crisci & J. Carbonell Bruhn. Investigations on the biology and biological control of the fire ant (*Solenopsis saevissima richteri*) Forel in Uruguay (1967)

With J. Carbonell Bruhn. Nuevo metodo para la valoración de los daños del "barrenador de la caña de azúcar" (*Diatraea saccharalis* F.). Rev. Per. Ent. 9(1):130-3, 1966

Nueva plaga agrícola para el Uruguay: la mosquita del sorgo (*Contarinia* sp., Diptera Cecidomyiidae) (1965)

With J. Carbonel, Bruhn. Los insectos enemigos del girasol en el Uruguay. Bol. Fac. Agron. Univ. Montevideo 81:59-62, 1965

With J. Carbonell Bruhn. Investigaciones sobre un factor (f) em la estimación de las poblaciones de Tucuras (1965)

Studies of the parasites and predators of several insects of economic importance. Final Report (1965)

Natural enemies of weed plants. Final Report (1965)

With J.F. Carbonell & O. Nuñez. Investigaciones sobre acridoideos del Uruguay (1958)

With H.L. Parker & P.A. Berry. Host-parasite and parasite-host lists of insects reared in the South American Parasite Laboratory during the period 1940-1946. Rev. As. Ing. Agron. 92, 1951 (Separata)

La langosta *Schistocerca cancellata* y su control. Rev. Fac. Agron. Montevideo 44:69-166, 1947

With E. Conde Jahn. El pulgón verde de los cereales (*Toxoptera graminum* Rond.) del Uruguay. Rev. Fac. Agron. Montevideo (1945)

El gorgojo del apio en el Uruguay. Ingen. Agron. B. Aires 26:16, 1943



# Arcadio Poveda

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Renan Arcadio Poveda Ricalde, Mexican astronomer (Merida, Yucatán Province 15 July 1930 – 24 March 2020)

## ACHIEVEMENTS

Regarded as founder of infrared stellar cosmogony (1964-7)

Developed Poveda method for calculating the mass of elliptical, spherical and ellipsoidal galaxies (1958)

Discovered a relationship between the mass of a stellar powder-free system and its total luminosity (1961)

Predicted that younger stars are involved in a gaseous and brilliant powder capsule in infrared (1965)

With C. Allen & J. Ruiz showed that perturbations in young collapsing clusters originate runaway stars (1967)

With L. Woltjer discovered a linear relationship (Sigma-D relationship) between the radio brightness and apparent diameters of supernova remnants and pointed out for the first time the connection between such remnants and some x-ray sources (1968)

With C. Allen showed that multiple trapezoid systems are found in dynamical equilibrium state (1974)

First classified binary and multiple stars in young and old ones

With C. Allen & M. A. Herrera demonstrated that binary stars around sun show the dissociation effect due to gravitational interactions with molecular clouds

With C. Allen & Parrao concluded that all double and multiple stars have at least one physical companion and one third of them have multiple companions (1982)

# Aristoteles Godofredo d Araujo e Silva

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Aristóteles Godofredo d'Araújo e Silva, Brazilian agricultural entomologist (c.1910? – 1965)

## SOME BIBLIOGRAPHY

With C.R. Gonçalves, D.M. Galvão, A.J.L. Gonçalves, J. Gomes, M.N. Silva & L. Simone. Quarto catálogo de insetos que vivem nas plantas do Brasil, seus parasitas e predadores (1968)

Uma lista de longicórneos do Ceará (Coleoptera, Cerambycidae). Bolm. Soc. Cear. Agron. 8:33-6, 1967

Considerações sobre o combate químico associado ao biológico. Revista FIR 7(2):50-1, 1964

Observações sobre isópteros. Arq. Mus. Nac. Rio de J. 52:193-208, 1962

Seis novas brocas da laranjeira. II. Falsas brocas das plantas. Bol. Fitossan. 6(3-4):119-24, 1956

Seis novas brocas da laranjeira. I. Broca das pontas. Bol. Fitossan. 6(1-2):35-44, 1952-5

Mariposa violácea. Nova praga contra o eucalipto. Como se desenvolvem os primeiros combates. Agric. Pecuária 21(1):316-7, 1949

Tremenda ameaça a eucaliptocultura nacional. Chácaras e Quintais 80(2):165-6, 1949

With D.G. Almeida. Entomologia florestal: contribuição ao estudo das coleobrocas. Publ. Dep. Nac. Prod. Veg. Div. Sanit. Veg. 100(16), 1941

Contribuição para o estudo da biologia de três pentatomídeos e o possível emprego destes insetos no controle biológico de espécies nocivas. Campo 4:23-5, 1933

## HONORS

*Aristotelesia* Carvalho 1947 (Hemiptera)

# Armando Dias Tavares

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Armando Dias Tavares, Brazilian physicist (Rio de Janeiro 27 February 1917 – Rio de Janeiro 26 February 1988)

Gave an electronic interpretation for thermoelectric effect suggesting a quantum theory such as semiconductor conductivity theory

Developed a method for experimental study of thermoelectric effect

New method for the determination of space charge in dielectrics. J. Chem. Phys. 59(4):2154-5, 1973

A theorem on a real function of a real variable. Rev. Cient. 1(1):91-11, 47, 1951

Imagined a spherical kind of Geiger counter

## SOME BIBLIOGRAPHY

The Costa Ribeiro effect and allied phenomena. J. Molec. Liquids 39:171-94, 1988

Experimental proof of the existence of the double space charge developed in dielectrics by the Costa Ribeiro effect. Phys. Status Solidi 21(2):717-24, 1974

Resistivity measurements in organic semiconductors. Physica Status Solidi 15(2):559-64, 1973

Contribuição ao estudo do efeito Costa Ribeiro. Thesis, Universidade do Brasil (1961)

Crescimento de cristais. Anais Acad. Bras. Ciencias 30(4), 1958

Cargas espaciais residuais em eletretos naturais. Anais Acad. Bras. Ciencias 30(4): 1958

Um efeito fotoelétrico em cristais de naftaleno. Thesis, Universidade do Distrito Federal (1955)

Further quantitative experiments on the Costa Ribeiro effect. Anais Acad. Bras. Ciencias 25(4), 1953

On a possible explanation of the Costa Ribeiro effect. Anais Acad. Bras. Ciencias 25(1), 1953

Some consequences of "an electronic explanation of the Costa Ribeiro effect". Rev. Cientifica 4(1-2):75-9, 1953

The thermoelectric constant of water. Rev. Cientifica 3(12):39-41, 1952

# Armando Novelli

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Armando Novelli Hermida, Uruguayan-born Argentine chemist and biochemist (Montevideo 1901 – ?)

## ACHIEVEMENTS

Synthesized new benzimidazols and derivatives

Síntesis de nuevos bencimidazoles y derivados. Bol. Soc. Quím. Perú 19(2): 77-83, 1953.

A new color reaction of nitrites to resorcine

Interpretación de una reacción coloreada de los nitritos con la resorcina y algunas Sales metálicas. Anales Asoc. Quím. Arg. 13(65):13, 1934.

Developed a new colour reaction for pyridine

Acción de las aminas sobre el 9-bromo-2-nitrofluoreno. Una nueva reacción cromática muy sensible de la piridina

Proposed 2,4-dinitrophenylhydrazine as a reagent for 2-methyl-1-4-naphthoquinone

## EPONYMY

Novelli reaction for 2-methyl-1-4-naphthoquinone (synthetic K vitamin) 1941

Novelli reagent

# Armando Octavio Ramos

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Armando Octavio Ramos, Brazilian neuropharmacologist (São Paulo 1932 – 1992)

Co-discovered neurokinin

With L.F. Chapman, H. Goodell & H.G. Wolff. Neurokinin: a polypeptide formed during neuronal activity in man. Trans. Amer. Neurol. Assoc 42 (1960)

With A.P. Corrado & C.T. Escobar clarified the potentiation mechanism caused by antibiotics amino glycosides to curare-induced neuromuscular block

## SOME BIBLIOGRAPHY

With W.P. Bastos. Isoamline as inhibitor of muscarinic acid and nicotinic ganglionic receptors. Pharmacology 4(1):39-44, 1970

With R. Scivoletto. Tyramine effects before and after isoproterenol on the isolated reserpinized heart. Pharmacology 1:312-6, 1968

With L. Ramos & J.A.F. Caldeira. Action of antipyretic-analgesic drugs on intraocular pressure in the rabbit. Med. Pharmacol. Exp. Int. J. Exp. Med. 16:350-4, 1967

With W.P. Bastos & M. Sakate. Influence of metoclopramide in experimental arrhythmias induced by barium or by chloroform and adrenaline (1967)

With S.B. Zyngier, L. Ramos & C.E. Corbett. Ionic antagonism and the cholinergic activation induced by polymyxins on the heart (1967)

With L. Ramos & J.A.F. Caldeira. Fall of intraocular pressure produced by chlorpromazine injection in the cisterna magna (1966)

With M. Sakate. Effect of N-phenyl N-heptylnicotinamide on the isolated smooth muscle and on the arterial blood pressure. Folia Clin. Biol. 34:92-100, 1965

With B.J. Schmidt. Neurokinin and pain-producing substance in congenital generalized analgesia. Arch. Neurology 10 (1):42-6, 1964

With R. Oehling, C.E. Corbett & L. Ramos. Pharmacological activity of aqueous humor from some animal species including man. Rev. Fac. Farm. Bioquim. 2:9, 1963

With L.F. Chapman & L. Ramos. Neurokinin from cerebrospinal fluid. I. Some pharmacological properties. Arch. Int. Pharmacodyn. 146:501, 1963

With L.F. Chapman, H. Goodell & H.G. Wolff. Evidence for kinin formation resulting from neural activity evoked by noxious stimulation. Ann. N.Y. Acad. Sci. 104:258, 1963

With L. Ramos, R. Oehling & C.E. Corbett. Action of colistin on isolated smooth muscle. Chemotherapy 7 (1963)

With J.R. Pereira & L. Ramos. Pharmacology of the bile. II. Bilikinin, parasympathomimetic factor of the bile. Arch. Intern. Pharmacodyn. 135:454, 1962

With L. Ramos. Inhibitory action of atropine on the adrenolytic effect of chlorpromazine. Rev. Bras. Biol. 22:177-83, 1962

With L. Ramos, R.E. Bastos & A.M. Deluca. Comparative study of the pharmacological activity of antibiotics (streptomycin, neomycin, kanamycin and viomycin) on autonomic ganglia, myoneural function (1962)

With L.F. Chapman, H. Goodell & H.G. Wolff. Neurohumoral features of afferent fibers in man. Arch. Neurol. 4:617, 1961

With L.F. Chapman & H.G. Wolff. Properties of a polypeptide formed by incubating cerebrospinal fluid with plasma globulin. Fed. Proc. 20:379, 1961

With L.F. Chapman, H. Goodell, G. Silverman & H.G. Wolff. A humoral agent implicated in vascular headache of the migraine type. Archs. Neurol. Psych. 3:223, 1960

With A.P. Corrado. Some pharmacological aspects of a new antibiotic, kanamycin. Rev. Bras. Biol. 20:43-50, 1960

With M. Rocha e Silva & A.P. Corrado. Potentiation of duration of the vasodilator effect of bradykinin by sympatholytic drugs and by reserpine. J. Pharmacol. Exp. Ther. 128:217-26, 1960

With A.P. Corrado & C.T. Escobar. Neuromuscular blockade by neomycin. Potentiation by ether anaesthesia and d-tubocurarine and antagonism by calcium and prostigmine. Arch. Intern. Pharmacodyn. 121:380, 1959

With A.P. Corrado. Neomycin: its curariform and ganglioplegic actions. Rev. Bras. Biol. 18:81-5, 1958

With A.P. Corrado. Efeito hiperpiético do veneno de escorpião (*Tityus serrulatus* e *Tityus bahiensis*). An. Fac. Med. Univ. São Paulo 28:81-98, 1954

With L. Ramos & J.A.F. Caldeira. Influence of vaidril on the intraocular pressure of rabbits. Ophthalmologica (Basel)

# Arnaldo Romulo Yodice

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Arnaldo Romulo Yodice, Argentine chest surgeon and tango composer (22 August 1897 – 21 November 1994)

Developed a manoeuvre for finding the region of peritoneal irritation in diffuse abdominal pain

Yodice-Sanmartino sign or Yodice abdomino-rectal palpation

La palpación abdomino-rectal (1933)

New sign to differentiate abdominal muscular rigidity in cases of acute abdominal conditions from that of other causes. Am. J. Surg. 57:457, 1942

## TECHNIQUES

Hernia inguinal recidivada: un nuevo metodo de inguinoplastia. Sem. Med. (1969)

Recurrent inguinal hernia: a new procedure of hernioplasty. Amer. J. Surgery 110(6):1003-5, 1965

A propósito de “conducto arterioso”. Técnica de su ligadura. Bol. Soc. Arg. Cir. 3(20):578, 1942

With D. del Valle & A. Marano. Diverticulos faringo-esofágicos. Un mejoramiento tecnico en su tratamiento quirurgico. La Sem. Med. (1933)

Treatment of coccygodynia. Arch. Arg. Enferm. Aparato Digest. Nutr. 8:733, 1932

A technique of gangliectomy

## HONOURS

Honorary Fellow, Pennsylvannia Society of Colon and Rectal Surgeons (1964)

Honorary Member, International Society of Colon and Rectal Surgeons (1986)

# Arnold Theiler

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arnold Theiler, Swiss-born South African veterinarian (Frick, Canton Aargau 26 March 1867 – London 24 July 1936)

Father of Nobel Prize winner virologist Max Theiler (1899-1972)

Authored over 250 papers and booklets

Proposed heartwater was caused by a rickettsial organism

Demonstred ticks as vectors of horse piroplasmosis (1906)

Cleared up the aetiology of cattle redwater and biliary fever of horses

Established the vectors (ticks) of many cattle diseases

First to realise that there was a plurality of strains in the horse sickness virus and produced the first crude vaccine against it

Developed the first effective vaccine for rinderpest (1896)

Proposed the use of *Anaplasma marginale* v. *centrale* could be used to immunize against gallsickness of cattle (1910)

## DISEASES

With C.P. Lounsbury identified and described *Theileria parva* as causative agent of East Coast Fever (1904)

Described Theiler's disease (1919)

Discovered the cause of lamsiekte disease (a manifestation of botulism)

The cause and prevention of Lamziekte (1920)

With J. McFadyean & T. Edgington discovered African horse sickness virus, the first orbivirus known (1900)

With J. Spruell demonstred that bluetongue of sheep was a virosis (1902-6)

Discovered a very simple and effective method of vaccination for bluetongue of sheep (found that subinoculating the virus from sheep to sheep) (1907)

Described an infectious foot disease in sheep

## DESCRIBED PARASITES

Discovered *Trypanosoma theileri* (1902) and *Spirochaeta theileri* described by others researchers

### Genus

*Anaplasma* 1909

### Species

*Anaplasma marginale* (1909), the first rickettsial pathogen known

*Parabotulinus bovis* (1927) with Robinson

*Parabotulinus equi* 1927 with Robinson

*Theileria mutans* 1906

*Hartertia gallinarum* 1919

## OTHERS

Proved the link between poisonous plant species like *Senecio*, *Crotalaria*, *Pachystigma*, *Geigeria* and *Vangueria* sp. and cattle diseases

Developed a remedy for treatment of wireworm and other worm infections (1912)

Devised a vat-side arsenic tester

Un nouveau médicament pour le traitement des piroplasmoses. Bull. Soc. Path. Exot. 23:506, 1930

First to assert that the nutritive requirements of the ruminants are quite different from the omnivores and carnivores

With Henry H. Green & Philip Rudolph Viljoen. Contribution to the study of deficiency disease with special reference to the Lamziekte problem in South Africa, Union of South Africa (1915)

Clarified the aetiology, histopathology and nomenclature of bone lesions besides defining rickets, osteomalacia and osteodystrophia fibrosa

Untersuchungen über den Bau normaler und durch calcium- und phosphorarme Nahrung veränderter Rinderknochen (1932)

## HONORS / EPONYMS

*Theilera* E.P. Phillips 1936 (Campanulaceae)

*Theileria* Bettencourt, França & Borges 1907 (Protozoa)

Theilerization, consisting of infection with virus from an animal naturally affected and the subsequent intravenous injection of trypanblue or ichthargan



# Arrigo Antonio Raia

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arrigo Antonio Raia, Brazilian surgeon (Araraquara, São Paulo State 23 August 1912 – São Paulo 23 October 2019)

Authored 287 papers and 85 book chapters

First to describe the lesions of myoenteric plexus of stomach caused by *Trypanosoma cruzi*

Distinguished the differences of acquired and congenital megaesophagus

## DEVELOPED SURGICAL TECHNIQUES

With J E M Cunha & M.C.C. Machado. New technique of pancreaticojejunal anastomosis after partial pancreaticoduodenectomy. American Journal of Surgery 139:451-453, 1984.

With H.W. Pinotti, B. Zilberstein, G. Ellenbogen & J.J. Gama-Rodrigues. Lateral deviation esophagostomy. New simplified technical procedure. Acta Gastroenterol Latinoam. 12(2):135-41, 1982

With H.W. Pinotti, B. Zilberstein & W.M. Pollara. Esophagectomy without thoracotomy. Surg. Gynecol. Obstet. (1981)

With W.M. Pollara, R. Gemperli & H.W. Pinotti. O problema do câncer no megaesôfago. Rev. Assoc. Med. Bras. 26:379-81, 1980

With G. Ellenbogen, J.J. Gama-Rodrigues, I.F. Carril & H.W. Pinotti. Lateral esophagostomy of derivation. A new simplified technical procedure. Rev. Assoc. Med. Bras. 24(6):191-4, 1978

With J.E. Monteiro, T. Bacchella & M.C.C. Machado. A modified technique for the reconstruction of the alimentary tract after pancreatoduodenectomy. Surg. Gynecol. Obst. 143:271, 1976.

With O. Simonsen, N.A.G. Stolfi, F. Aun & A. Habr-Gama. Rectal sphincter reconstruction in perineal colostomies after abdominoperineal resection for cancer. Brit.J. Surg. (1976)

With H.W. Pinotti, G. Ellenbogen, R. Arab Fadul & J.J. Gama-Rodrigues. New bases for the surgical treatment of megaesophagus: esophagocardiomyotomy with esophagus-fundus-gastropexy. Rev. Assoc. Med. Bras. 20:331-4, 1974

With J.J. Gama-Rodrigues. Moléstia cística do fígado: apresentação de caso e de nova técnica de tratamento cirúrgico. São Paulo Med Journal 73(2):65-72, 1968.

With J. Haddad & A. Correa Netto. Abaixamento retro-retal do cólon com colostomia perineal no tratamento do megacólon adquirido. Operação de Duhamel modificada. Rev. Assoc. Med. Bras. 11: 83-85, 1965.

With H.W. Pinotti. A prova do lugol no diagnóstico diferencial das hemorragias digestivas altas Ann. Paul. Med. Cir. 80(1), (1960)

## DEVICES

With J. Faintuch, F.B. Jatene, M.C. Machado, J.J. Gama-Rodrigues, T. Szego et al. Enteral nutrition through naso-jejunal intubation. Presentation of a new tube made of silicone rubber. Rev. Hosp. Clin. Fac. Med. São Paulo 36(4):158-61, 1981

With J.J. Gama Rodrigues, G. Ellenbogen & H.W. Pinotti. New orientation in distal esophagectomy: reconstruction by esophagogastric anastomoses with an anti-reflux valve. Rev. Assoc. Med. Bras. 21(1):21-4, 1975

# Arsene Puttemans

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arsene Puttemans, Belgian-born Brazilian mycologist and landscape gardener (Bruxelles 28 February 1873 – Rio de Janeiro 03 May 1937)

German mycologist P. Hennings described 7 genera and 205 new species from the material that he collected (1902-6)

Observed *Magnaporthe grisea* on the wheat and *Cladosporium fulvum* on potato plant

Described the inflorescences disease of cauliflower caused by *Alternaria brassicae* Sacc. (1911)

Showed that the propagation of sugar cane mosaic was due to a *Thrips* species in Brazil (1926)

Reported the bean disease caused by *Isariopsis griseola* (1906)

*Puccinia justiciae* 1934 (rust of *Achillea millefolium*)

*Uredo rochaei* (rust of *Myrciaria jaboticaba*)

*Puccinia cambucae* (rust of *Myrciaria plicato-costata*)

## DESCRIBED FUNGI SPECIES

*Cercospora chrysanthemi* 1911 (cercosporal leaf spot)

*Cercospora eranthemi* 1934

*Colletotrichum perseanum* 1934

*Dactylella ulmi*

*Gloeosporium bombacis* (1920)

*Leptocapnodium brasiliensis* 1904 (coffee fumagina)

*Limacina coffeicola* 1904

*Mycosphaerella arthraxonicola*

*Oidium begoniae* 1911

*Puccinia camargoii* 1930

*Puccinia cambucae*

*Puccinia justiciae* 1934

*Uredo rochaei*

## AUTHORED

Novo processo de “centragem” rápida da platina microscópica e “reperagem” (localização) ultrarápida dos objetos microscópicos

Novo sistema de mesa graduada para desenho microscópico, especialmente adaptada aos últimos modelos de microscópios binoculares

Nouvelles maladies de plantes cultivées. Bull. Soc. Roy. Bot. Belgique 48:238, 1911

## HONORS (Fungi)

*Puttemansia* Hennings 1902

*Puttemansiella* Hennings 1908

# Arthur Neiva

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arthur Neiva, Brazilian medical entomologist and sanitarian (Salvador 22 March 1880 – Rio de Janeiro 06 June 1943)

## ACHIEVEMENTS

Authored 165 works (until 1940)

His works on fighting the coffee borer drew the attention of many countries

Gained international recognition for his contribution to prevention of syphilis and works on malaria

Discovered that malarial hematozoon developed resistant forms to quinine anticipating Nocht (1910)

Demonstrated transmission of Chagas disease by many *Triatoma* species and the trypanosome pass through intact mucosa in animals

Laid down general rules of biological cycle of Triatomidae

Elaborated a Sanitary Code that served as a basis for new codes in Brazil and abroad

Elucidated the complete life cycle of botfly

With J.F. Gomes. Biologia da mosca do berne (*Dermatobia hominis*) observada em todas suas phases. Annaes Paul. Med. Cir. 8(9):197-209, 1917

Solved the life cycle of flea *Tunga penetrans*, causative agent of tungiasis

Obtained a mixed type of bread

With F. Fonseca. Ensaio sobre a fabricação do pão misto (1922)

## DESCRIBED TAXA

### Genera

#### Diptera

*Bombylopsis* 1909 with Lutz

*Microlynchia* 1915 with Lutz & Costa Lima

*Pseudornithomyia* 1915 with Lutz & Costa Lima

#### Subgenera

*Melanotabanus* 1914 with Lutz

### Species

At least 36 new species

#### Hemiptera

##### Genus

*Triatomaptera* 1940 with Lent

### Species

At least 13 new species

#### Helminths

### Species

At least 5 new species

#### Protozoa

### Species

At least 4 new species

## HONORS

*Neivaia* Travassos 1929 (Trematoda)

*Neivamyia* Pinto & Fonseca 1930 (Diptera)

*Adeloneivaia* Travassos 1940 & *Lepidoneiva* Travassos 1940 (Lepidoptera)

*Neivamyrmex* Borgmeier 1940 & *Neivapria* Borgmeier 1939 (Hymenoptera)

*Neivacoris* Lent & Wygodzinsky 1947 (Hemiptera)

Subgenus *Sarconeiva* Souza Lopes 1940 (Diptera)

Prix Latreille (1930)

## OFFICES

Governor of Bahia State (1931)

# Arthur Otto Schwab

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arthur Otto Schwab, Brazilian pharmacist, chemist and biochemist (Curitiba 1906 – ?)

His thesis Tensão superficial e a elasticidade pulmonar (1938) international repercussion

## ACHIEVEMENTS

Discovered correlations between surface tension and pulmonary alveolus

Tensão superficial e a elasticidade pulmonar. Thesis (1938)

Developed a simple method for determination of the globulin-albumin ratio in spinal fluid

Método simples para determinação do quociente proteico no liquor. Arqu. Biol. Technol. 1:33-8, 1946

Proposed a formula to obtain a limitation of the number of repetitions in physico-chemical measurements

Regra pratica para a limitação das repetições nas medidas físico-químicas. Arqu. Biol. Technol. 2:33-40, 1947

# Arturo Luis Terán

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Arturo Luis Terán, Argentine agricultural entomologist

## DESCRIBED NEW TAXA

### Coleoptera

#### Subgenus

*Serratibruchus* 1977 with Kingsolver

#### Species

*Eubaptus planifrons* 1964

*Megacerus acerbus* 1977 with Kingsolver

*Megacerus alabani* 1977 with Kingsolver

*Megacerus albomaculatus* 1977 with Kingsolver

*Megacerus araguato* 2002 with Johnson

*Megacerus codonophagus* 1977 with Kingsolver

*Megacerus columbinus* 1993 with Kingsolver

*Megacerus curupaonis* 1977 with Kingsolver

*Megacerus deceptor* 1977 with Kingsolver

*Megacerus elongates* 1977 with Kingsolver

*Megacerus euryglossus* 1977 with Kingsolver

*Megacerus ferruginosus* 1977 with Kingsolver

*Megacerus ferrugineosignatus* 1977 with Kingsolver

*Megacerus gilvovittatus* 1977 with Kingsolver

*Megacerus insulatus* 1977 with Kingsolver

*Megacerus pubescens* 1993 with Kingsolver

*Megacerus similibus* 2002 with Johnson

*Megacerus tessarespilus* 1977 with Kingsolver

*Pseudopachymerina grata* 1990

*Stator exturbatus* 1989 with Johnson & Kingsolver

*Stator furcatus* 1989 with Johnson & Kingsolver

*Stator harmonicus* 1989 with Johnson & Kingsolver

*Stator pacarae* 1989 with Johnson & Kingsolver

*Stator postumus* 1989 with Johnson & Kingsolver

### Hemiptera

#### Species

*Ceroplastes leonardianus* 1973

*Paraleyrodes proximus* 1979

## HONORS

*Terania* Pirán 1963 (Hemiptera)

# Arturo Posnansky

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arthur Posnansky, Austrian-born Bolivian anthropologist, archaeologist and geographer (Wien 13 April 1873 – La Paz 13 September 1946)

Proposed a new secondary sexual character

Un Nuevo caracter sexual secundario. Rev. Soc. Cient. Bolivia 1 (1930)

Developed a device for craniometric measures in photographs

Ein neues craneometrisches instrument und seine Verwendung zur Herstellung von Messbildern (1913)

Patented a machine for quinoa's large-scale production

Gained international recognition for his studies about old civilizations of Titicaca Lake

Authored Tihuanacu, la cuna del hombre americano (1945), a classical work of universal archaeology

## HONORS

*Posnanskytherium* Liendo Lazarte 1943 (Fossil Mammalia)

# Arturo Rosenblueth Stearns

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Arturo Rosenblueth Stearns, Mexican neurophysiologist (Ciudad Guerrero, Chihuahua State 02 October 1900 – Ciudad de Mexico 20 September 1970)

From Jewish Hungarian father and Irish-descent mother

Considered one of the world's most important neurophysiologists and a founder of cybernetics

Authored 153 papers and 4 monographs

## ACHIEVEMENTS

Demonstrated that DNA was the main responsible for genetic transmission (1944)

### With Norbert Wiener

Set the bases of cybernetics

With N. Wiener & J. Bigelow. Behavior, Purpose and Teleology. Philosophy of Science 10(1):21, 1943

Elaborated a mathematical model that describes impulses in a neuron network and perform a statistical analysis of communication process between neurons

Discovered negative feedback in human organism

Formulated mathematically cardiac impulse conduction (1946)

First proposed the concept of vulnerability to formation of an unidirectional block and introduced a specific protocol of stimulation of an one-dimensional excitable ring

### With W.B. Cannon

Predicted the existence of noradrenaline (1933)

Elucidated the details of the sympathetic regulatory action

Proved chemical mediation of autonomic nervous impulses through synapses

Established quantitative laws that rule the action mode of nerve impulses

Determined specific action of adrenaline released in striated muscles

Described in detail electrical phenomena that occur in smooth muscles

Described relative electrical instability of autonomous effectors, smooth muscles and glands

Enunciated Cannon-Rosenblueth law of denervation (1949)

With W. Cannon. The supersensitivity of denervated structures: a law of denervation

Developed Rosenblueth-Cannon test for adrenaline

Authored a classical book Physiology of the Autonomous Nervous System (1937)

### With others

With J. Luco Valenzuela demonstrated that during prolonged stimulation of a motor nerve, neuromuscular fatigue is followed by a rise of tension known as Rosenblueth phenomenon (1939)

Discovered fifth stage in neuromuscular transmission

With J. Luco. The fifth stage of neuromuscular transmission. Amer. J. Physiol. 126(1), 1939

Distinguished between transmission fatigue and contraction fatigue

With J. Garcia Ramos performed fundamental studies about the origin of heart arrhythmias

Developed Rosenblueth-García Ramos method (1947)

With J. Garcia Ramos. Studies on flutter and fibrillation. The influence of artificial obstacles on experimental auricular flutter. Am.Heart J. 33(5):677-84, 1947

With Alanís and Mandoki enunciated concept of refractory functional period in nerve cell (1949)

Introduced nerve electrophysiology into the study of cardiac tissue

Enunciated mathematical laws that regulate striation and fibrillation of cardiac auricle

With W.H. Daughaday & D.D.Bond (1943) and J. Garcia Ramos (1946) described and systematized cardiac ventricle electrogram

With J. Garcia Ramos. The various components of the monophasic electrogram of the cardiac ventricle. Arch. Inst. Cardiol. Mexico 16:45-57, 1946

### Relevant papers

With J. Garcia Ramos. The relations between the impedance and the emf changes in the cerebral cortex. Acta Physiol. Lat.Am. 17:76-87, 1967

With J. Garcia Ramos & L.F. Nims. Slow potential and impedance changes in the medulla of the cat. Acta Physiol. Lat.Am. 16:212-9, 1966

With J. Alanís, R. Rubio & E. López. The two staircase phenomenon. Arch. Intern. Physiol. Bioch. 67(3):374-83, 1959

Two processes for auriculo-ventricular and ventriculo-auricular propagation of impulses in the heart. Am. J. Physiol. 194(3):495-8, 1958

With N. Wiener, W. Pitts & J. Garcia Ramos. A statistical analysis of synaptic excitation. J. Cell. Comp. Physiol. 34:173-206, 1949

With N. Wiener, W. Pitts & J. Garcia Ramos. An account of the spike potential of axons. J. Cell. Comp. Physiol. 32:275-318, 1948

With N. Wiener. The mathematical formulation of the problem conduction of impulses in a network of connected excitable elements, specifically in cardiac muscle. Arch. Inst. Cardiol. Mex. 16(3):205-65, 1946

With J. Garcia Ramos & W.B. Cannon. The crossed and ipsilateral extensor spinal reflexes. Arch. Inst. Cardiol. Mex. 15(5):401-54, 1945

With J. Garcia Ramos & W.B. Cannon. Sensitization of spinal neurons by partial denervation. Arch. Inst. Cardiol. Mex. 15(4):327-48, 1945

With G.H. Parker. The electric stimulation of the concentrating (adrenergic) and the dispersing (cholinergic) nerve fibres of the melanophores in the catfish. Proc. Natl. Acad. Sci. USA 27(4):198-204, 1941

With K. Lissak & A. Lanari. An explanation of the five stages of neuromuscular and ganglionic synaptic transmission. Am. J. Physiol. 128(1), 1939

With R.S. Morison. The action of eserine and prostigmin on skeletal muscle. Science 84(2190):551-2, 1936

Medicine & Physiology Nobel Prize nominee (1952)



# Arturo Rotor

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Arturo Belleza Rotor, Philippine physician and writer (Manila 07 June 1907 – 09 April 1988)

Described Rotor syndrome

With L. Manahan & A. Florentin. Familial non-hemolytic jaundice with direct Van den Bergh reaction. *Acta Medica Philippina* 5:37-49, 1948

# Arturo Zabala

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Arturo Zabala López, Argentine surgeon (Jujuy 04 November 1874 – Buenos Aires 23 June 1936)

Developed abdominal colo-hysterectomy

Zabala technique or bronchoscopic intubation with endotracheal tube

Zabala-Bengolea operation

# Arturo Zarate

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Arturo Zarate Treviño, Mexican gynecologist and endocrinologist (Ciudad de Mexico 25 December 1936 –

Authored 400 publications with 10 books

## SOME BIBLIOGRAPHY

With E.S. Canales & C. Cano. Management of hyperthyroidism during pregnancy (1982)

With A. Ayala, E.S. Canales, S. Karchmer & D. Alarcon. Premature ovarian failure and hypothyroidism associated with Sicca syndrome. *Obstet. Gynecol.* 53:98-101, 1979

With E.S. Canales & M. Alger. The effect of pregnancy and lactation on pituitary prolactin secreting tumors. *Acta Endocrinol.* 92:407-12, 1979

With A.J. Kastin, A.V. Schally, A. Arimura, D. Gonzalez, G.A. Medeiros & D.S. Schalch. Analysis of clinical studies with natural and synthetic luteinizing hormone releasing hormone in man. *Israel J. Med. Sci.* 10:1305, 1974

With E.S. Canales, J. Soria, A. Gonzalez, A.V. Schally & A.J. Kastin. Further observations on the therapy of anovulation infertility with synthetic luteinizing hormone releasing hormone. *Fertil. Steril.* 25:3, 1974

With E.S. Canales, J. Soria, C. Leon, J. Garrido & E. Fonseca. Ovarian refractoriness postpartum: effect of gonadal stimulation in non-lactating women. *Obstet. Gynecol.* 44:819, 1974

With E.S. Canales, J. Garrido, C. Leon, J. Soria & A.V. Schally. Studies on the recovery of pituitary FSH function during puerperium using synthetic LHR. *J. Clin. Endocrin. Metab.* 38:1140-5, 1974

With E.S. Canales & J. Soria. Tratamiento de la esterilidad anovulator. VI. Resultados con el uso de la hormona hipotalamica gonadotropica . *Ginecol. Obst. Mex.* 34:475-87, 1973

With E.S. Canales, J. Soria, C. MacGregor, P.J. Maneiro & A.V. Schally. Pituitary responsiveness to synthetic LH-RH during pregnancy. Effect on FSH secretion. *Amer. J. Obst. Gynecol.* 116:1121, 1973

With E.S. Canales, J. Soria, F. Ruiz & C. MacGregor. Ovarian refractoriness during lactation in women. Effect of gonadotropin stimulation. *Amer. J. Obstet. Gynecol.* 112:1130-5, 1972

With E.S. Canales, A.V. Schally, L. Ayala-Valdés & A.J. Kastin. Succesful indication of the ovulation with synthetic luteinizing hormone releasing hormone in anovulatory infertility. *Fertil. Steril.* 23:672-4, 1972

With E.S. Canales & L. Castelazo-Ayala. Primary amenorrhea associated with polycystic ovaries. Endocrine, cytogenetic and therapeutic considerations. *Obstet. Gynecol.* 37(2):205-10, 1971

With A.J. Kastin, A.R. Midgley, E.S. Canales & A.V. Schally. Ovulation confirmed by pregnancy after infusion of porcine LH-RH. *Clin. Endocrin. Metab.* 33:980-2, 1971

With L. Castelazo-Ayala, C. MacGregor, J. Soria & O. Domínguez. Steroid production by gonada tumors in male pseudo-hermaphroditism with isolated clitoromegaly. *Biochemical studies in vivo. Steroidologia* 2:138-42, 1971

With S. Karchmer, E. Gómez, L. Castelazo. Premature menopause. *Am. J. Obstet. Gynecol.* 106:110-4, 1970

With R.F. Coniff & R.B. Greenblatt. Cutaneous manifestations of endocrine disorders (1966)

With J. Soria, E.S. Canales, J. Garrido, F. Acevedo, J. Gonzalez & G. Levinson. Absence of serum immunoreactive FSH and unresponsiveness to synthetic LH-HR in women in the last trimester of pregnancy and in the newborn

With E.S. Canales, G. Levinson, J. Gonzalez, J. Soria & M.E. Fonseca. Further observations on the ovarian refractoriness post-partum: effect of gonadal stimulation in nonlactating women receiving Br-ergocryptine

# Arun Kumar & Archana Sharma

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Arun Kumar Sharma, Indian plant cytogeneticist (Kolkata, West Bengal State 31 December 1924 – Kolkata, West Bengal State 06 July 2017)

Developed new research techniques for the study of chromosome structure of plants such as orcein banding technique for repeated DNA sequences and multiple DNA analysis

Chromosome banding and repeated DNA. J. Ind. Bot. Soc. 54:1-8, 1975

With his wife Archana Mookerjee developed novel methods of pre-treatment and staining cells to visualize chromosomes structure used throughout the world

Both authored the textbook Chromosome techniques – theory and practice (1965), a standard reference book worldwide used

Enunciated a new concept of speciation in vegetatively reproducing plants and/or asexual organisms

With A. Sharma. Fixity in chromosome numbers of plants. Nature 177:335-6, 1956

A new concept of means of speciation in plants. Caryologia 9:93-103, 1956

Introduced a new protocol to induce division in adult nuclei through the chemical application

Proposed the concept of dynamic DNA

Proposed new concepts about structure dynamics and behavior of chromosomes

Dynamicity of chromosomes – understanding and application. Jour. Sci. Ind. Res. 31:545-6, 1972

Evidence of dynamism as a basis for chromosomal control of genetic reactions. Nucleus 20:4-10, 1977

Showed that chemical composition of chromosomes varies along organogenesis, differentiation and reproduction

Suggested the use of embryo irradiation and in vitro cultures for the generation of variability (1970s)

## Papers in Nature

With A. Gupta. Chromosome breakage with plant pigments. Nature 184:821, 1959

With C. Talukdar. Structural heterozygosity of *Cipura paludosa* Aublet. Nature 180:662-3, 1957

With A.K. Sharma. Fixity in chromosome numbers of plants. Nature 177:335-6, 1956

With S.K. Sarkar. A new technique for the study of chromosomes of palms. Nature 176:261, 1955

With D. Bhattacharjee. Effect of trichloroacetic acid on nuclear proteins. Nature 169:417, 1952

Trichloroacetic acid and Feulgen staining. Nature 167:441-2, 1951

## Methods

With D. Chattopadhyay. A new technique for orcein banding with acid treatment. Stain Techn. 63(5):283-9, 1988

With A.K. Kundu. A rapid screening technique for detection of Diosgenin through in situ cytophotometry, Stain's Techn. 63:369-72, 1988

With M. Chaudhuri & D.P. Chakraborty. Isopsoralene and its use in karyotype analysis. Stain Techn. 37:95-7, 1962

With S. Mukhopadhyay. A new technique for karyotype study of *Oryza*. Rice News Letter (1959)

Improvements in chromosome fixation. Sci. Cult. 21:648-50, 1956

With S.K. Sarkar. A new technique for the study of chromosomes of palms. Nature 176:261, 1955

With C. Ghosh. Oxyquinoline – as an ingredient in a new fixative for chromosome analysis. Sci. Cult. 16:268-9, 1950

## Others

With U.C. Lavania. An interphase model for mitotic chromosome organization in Eukaryota. Biosystems 14:171-9, 1981

With A. Sharma. A theory regarding the stability of chromosome complement in a species. Naturwiss. 44:1-17, 1957

## HONORS

*Sharmastachys* Banerjee & D'Rozario 1999 (Fossil Plantae)

## LINKS

[https://www.researchgate.net/publication/324753466\\_In\\_Memoriám\\_Prof\\_Arun\\_Kumar\\_Sharma\\_1924-2017](https://www.researchgate.net/publication/324753466_In_Memoriám_Prof_Arun_Kumar_Sharma_1924-2017) (bibliography)

His wife, Archana Mookerjee Sharma, Indian cytogeneticist and cytotoxicologist (Pune, Maharashtra State 16 February 1932 – Kolkata, West Bengal State 14 January 2008)

Authored over 300 research and review papers besides 10 books

With her husband Arun Kumar Sharma developed novel methods of pre-treatment and staining cells to visualize chromosomes structure used throughout the world

Both authored the textbook Chromosome techniques – theory and practice (1965), a standard reference book worldwide used

Enunciated a new concept of speciation in vegetatively reproducing plants and/or asexual organisms

With A.K. Sharma. Fixity in chromosome numbers of plants. Nature 177:335-6, 1956

Published the paper Tumor production in plants by plant extract. Nature 184:1083-4, 1959

Presented relevant studies on cytotoxicology of flowering plants with new findings and concepts

## LINKS

[https://www.insaindia.res.in/BM/BM35\\_0913.pdf](https://www.insaindia.res.in/BM/BM35_0913.pdf)

# Ary Aparecido Salibe

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ary Aparecido Salibe, Brazilian plant pathologist and horticulturist (Limeira, São Paulo State 01 September 1934 – Limeira, São Paulo State 19 November 2013)

Authored over 400 works

Regarded as world authority on citrus diseases

Described leaf curling of citrus or crespiera

Leaf curl a transmissible virus disease of citrus. Plant Disease Reporter 43:1081-3, 1959

Crespiera: uma nova doença de virus dos citros. Cien. Cult. 19:302, 1967

Proposed double graft for identifying infection by exocortis and xiloporosis virus

Contribuição ao estudo da doença exocorte dos citros. Doctoral thesis (1961)

A quick field test for xiloporosis virus (1963)

## HONORS

Invited Professor of Citriculture, Florida University (1973)

President, International Organization of Citrus Virologists (1980-3)

# Ashok Kumar Sarbhoy

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ashok Kumar Sarbhoy, Indian mycologist and plant pathologist (15 June 1939 – 16 August 2006)

## DESCRIBED PLANT DISEASES

With D.K. Agarwal. Two new diseases of ornamental plants: *Fusarium* rot of gladiolus and *Mammalaria* species. Curr. Sci (1983)

With J.S. Grewal. A new steam rot of arhar caused by *Phytophthora*. Indian Phytopathol. (1970)

## DESCRIBED FUNGI TAXA

### Valid Genera

*Hemicarpenales* 1968 with Elphick

*Morisiella* 1985 with Saikia

*Sclerotiella* 1974 with A. Sarbhoy

### Species

At least 75

## HONORS

*Sarbhoyomyces* Saikia 1981 (Fungi)

# Ather Siddiqi

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ather Husain Siddiqi, Indian helminthologist (1924 –

Authored many papers about biochemistry and morphology of nematodes

## DESCRIBED NEMATODA TAXA

### Genera

*Allobacciger* 1970 with Hafeezullah

*Allomegasolena* 1960 with Cable

*Annulospira* 1969 with Jairajpuri

*Bilecithaster* 1960 with Cable

*Farooqifilaria* 1970 with Jairajpuri

*Francofilaria* 1970 with Jairajpuri

*Francolinema* 1970 with Jairajpuri

*Infundibulostomum* 1960 with Cable

*Neopocreadium* 1960 with Cable

*Neodioecocestus* 1960

*Neogeolinea* 1960 with Cable

*Neohelicometra* 1960 with Cable

*Neomegasolena* 1960 with Cable

*Neometadena* 1970 with Hafeezullah

*Neoparantorhis* 1971 with Hafeezullah

*Nordia* 1964 with Jairajpuri

*Odoncotyle* 1971 with Hafeezullah

*Pinguitrema* 1960 with Cable

*Pseudobarisomum* 1960 with Cable

### Species

About 90

## HONORS

*Athernema* Ahmad & Jairajpuri 1978 (Nematoda)

# Atta ur Rahman

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Atta ur Rahman, Pakistani organic chemist (Delhi, British India 22 September 1942 –

Authored 970 publications, 151 books and 37 patents

## Authored influential books

Biosynthesis of Indole Alkaloids (1983)

Nuclear Magnetic Resonance Spectroscopy (the first textbook to have a detailed discussion on 2D-MNR spectroscopy)

Stereoselective synthesis in organic chemistry

## ACHIEVEMENTS

Discovered several hundred new natural products i.e. bioactive substances (alkaloids, saponins, withanolides, sesquiterpenes and triterpenoids) from plants as well as marine plants and animals many of which exhibited exciting biological activities including anti-oxidant, anti-epileptic, anti-leishmaniasis, anti-AIDS, immunomodulating, anti-asthmatic, analgesic, nematocidal and anti-cancer activities

Reported a number of binary and dimeric alkaloids from terrestrial and marine sources

First proposed that vinblastine may arise from a pentacyclic precursor alkaloid such as catharanthine

Obtained the first vinblastine derivative (1971)

Discovered high yield fragmentation of the hexacyclic 16-epi-19-s-vindoline to a tricyclic indole (1983)

Proposed a theory of chemical basis of memory based on hydrogen bonding (2001)

## METHODS

Developed a new method for the determination of absolute configurations of chiral carboxylic acids,  $\alpha$ -amino acids, amino alcohols, polynucleic acids and epinephrine isomers by partially or totally restricting their conformational flexibility through complexation with trinuclear metal complexes (1993)

With Y. Ahmad, T. Begum, I.H. Qureshi & K. Zaman. A novel rearrangement of papaverine derivative isoquino [1-2-b] quinazoline derivative. *Heterocycles* 26(7):1841, 1987

With M. Ghazala, N. Sultan, M. Bashir & A.A. Ansari. A new synthesis of carbolines by metal-ion catalyzed reduction of N-imidotryptamines

With S. Firdous. A new approach to the synthesis of N-arylate aromatic amines: a new carbazole synthesis

With N. Waheed. Reductive cyclization of indolic imides. A new carbonile synthesis

With N. Waheed. A new one step synthesis of carbolines

With A. Basha. A new method for reduction of amides with zinc/ethanol

With A. Basha. A new method for conversion of tertiary aromatic amides into aldehydes

With A. Basha, N. Waheed & S. Ahmad. A new method for the reduction of amides to amines with sodium borohydride

With J.H. Mason. Improved total syntheses of dihydrocleavamines, 16-methoxycarbonyldihydrocleavanine and 16-hydroxydihydrocleavanine

Synthetic studies towards vinblastine and its analogues.VI. The Markovnikov addition of acetic acid to catharanthine by a modification of the Prevost reaction

## PATENTS (incomplete)

Methods for the synthesis of vinblastine, 20-epivinblastine (vinrosidine), 15-hydroxy-20-deoxyvinblastine, vincristine and other novel intermediates. Patent 126852 (1978)

Patented many innovative procedures for rapid isolation of alkaloids

## HONOURS

UNESCO Science Prize (1999)

Honorary Life Fellow, King's College, Cambridge University (2007)

## LINKS

<http://www.iccs.edu/update%20web/Prof.%20Atta-ur-Rahman/CV-PROF-Atta-ur-Rahman.pdf>



# Au-chin Tang

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Au-chin Tang, Chinese theoretical chemist (Yixing, Jiangsu Province 18 November 1915 – 15 July 2008)

Authored over 300 papers and 8 books

## ACHIEVEMENTS

Obtained the molecular weight distribution function of addition polymers

Proposed a new method for computing the potential function of molecular internal rotation (1950s)

Introduced the coupling coefficients from the three-dimensional rotation group to the point group and developed irreducible tensor method from the continuous groups to the point groups (1960s)

Established 3 foundational graph theorems in Hückel approximation on the characteristic polynomials (1970s)

Proposed the topology conjugate relations of boron and carbon clusters and clarified the characteristics of chemical bonds and structural rules

With Q.S. Li proposed a topological rule for polyhedral boranes and heteroboranes (2004)

## LINKS

<http://www.iaqms.org/deceased/tang.php>

# August Rimbach

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

August Rimbach, German-born Ecuadorian botanist and plant physiologist (Jena 1862 – Riobamba 07 July 1943)

## SOME BIBLIOGRAPHY

The forests of Ecuador. Tropical woods 31:1-9, 1932

Die Verbreitung der Wurzelverkürzung im Pflanzenreich (1929)

Die Wurzelverkürzung bei den groen Monokotylenformen. Ber. d. Deutsch. Bot. Gesellsch. 40:196-02, 1922

Über die Verkürzung des Hypocotyls. Ber. d. Deutsch. Bot. Gesellsch. 39:285, 1921

Observaciones sobre plantas forrajeras. Rev. Minist. Industr. Montevideo (1916)

Physiological observations on the subterranean organs of some Californian Liliaceae (1902)

Physiological observations on some perennial herbs. Bot. Gaz. 30:171-88, 1900

Beiträge zur Physiologie der Wurzeln. Ber. d. Deutsch. Bot. Gesellsch. 17:18-35, 1899

Ueber *Lilium martagon*. Ber. d. Deutsch. Bot. Gesellsch. 16:104-10, 1898

Das Tiefenwachstum der Rhizome. Funfustiucks Beitr. Wiss. Bot. 3:177, 1898

Ueber die Ursache der Zellhautwellung in der Endodermis der Wurzeln. Funfustiucks Beitr. Wiss. Bot. 2:94-113, 1898

Die kontraktile Wurzeln und ihre thätigkeit Funfstücks. Beitr. Wiss. Bot. 2:1-28, 1898

Reisen im Gebiet de ob. Amazonas. Z. Erd. 32:360-409, 1897

Ueber die Lebensweise der geophilen Pflanzen. Ber. d. Deutsch. Bot. Gesellsch. 15:92, 1897

Ueber die Lebensweise der *Arum maculatum*. Ber. d. Deutsch. Bot. Gesellsch. 15, 1897

Zur Biologie der Pflanzen mit unterirdischen Spross. Ber. d. Deutsch. Bot. Gesellsch. 13, (1895)

Jahresperiode tropisch-andiner Zwiebeipflanzen (1895)

## HONORS

*Rimbachia* Patouillard 1891 (Fungi)

# August Weberbauer

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

August Weberbauer, German-born Peruvian botanist and plant geographer (Breslau 26 November 1871 – Lima 16 January 1948)

Authored the classical work *Die Pflanzenwelt der Peruanischen Anden in ihren Grundzügen Dargestellt* (1911) improved and translated into Spanish language as *El mundo vegetal de los Andes Peruanos* (1945)

## DESCRIBED VALID PLANTAE TAXA

### Genus

*Pleuranthodes* 1896 (Rhamnaceae)

### Species

*Phrygilanthus lehmannianus* 1911

*Pleuranthodes hillebrandtii* 1896

*Pleuranthodes orbiculare* 1896

*Rhamnus maytenoides* 1895

## HONORS

*Weberbaueria* Gilg & Muschler 1909 (Brassicaceae)

*Weberbauerella* Ullrich 1906 (Fabaceae)

*Weberbauerocereus* Backeberg 1942 (Cactaceae)

# Augusto Barbosa da Silva

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Augusto Barbosa da Silva, Brazilian mining engineer (Nova Lima, Minas Gerais State 15 Sep 1860 – Ouro Preto, Minas Gerais State 16 Jun 1939)

## ACHIEVEMENTS

Regarded as one of the world pioneers in electrometallurgy

Held many patents related to iron and steel production employing electricity

Patented a process for production of pig iron, iron and its alloys jointly with a electrical furnace that make it in 1902 (with Joseph Gerspacher)

Designed and built the first electric furnace in the world for production of iron and steel (1905)

Patented and constructed an innovative electrical furnace for ferromanganese production (1908) that attracted international reputation

## HONORS

Gold Medal, International exposition of Industry and Commerce, Torino, 1911.

# Augusto Carlos Noel

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Augusto Carlos Noel, Argentine naval and mechanical engineer (General Pinto, Buenos Aires Province 18 December 1929 –

## DEVELOPED / DESIGNED

A wave piercing for catamarans (1979)

A ventilation system for ships carrying livestock (1980)

An isostatic spring linkage system of original design (1981)

With Mitsubishi Heavy Industries patented a system for ventilation of animal pack spaces in central tanks without distribution piping (1981)

# Augusto Cesar Scala

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Augusto Cesar Scala, Italian-born Argentine plant histologist and micrographist (Lavagna, Genoa 11 April 1880 – Buenos Aires 21 July 1933)

## ACHIEVEMENTS/CONTRIBUTIONS

Proposed method of micrographical assay for maté analysis (Scala method)

Micrographical Assay of Maté. An illustrated description of the structure found in powered mate leaves and of the common adulterants. *Anales Asoc. Quím. Argentina* 9:192-5, 1921.

A differential staining with boric carmine and green iodine (Scala double staining)

La tecnica de doble coloración diferencial en histología vegetal. *Rev. Museo La Plata. Second Series.* 15(2):221-225, 1908.

A new injection mass albumine-based

Una nueva masa de inyección a base de albumina. *Anales de la Soc. Cient. Argent.* 65:183, 1908.

New method for fixation and conservation of protozoa.

Nuevo metodo para la fijación y conservación de protozoarios. *Revista del Museo de La Plata* 15:54, 1908.

A new staining reaction of gums

Sobre una nueva reacción coloreada de las gomas

A mounting solution for microscopic preparations for projection purposes.

Líquido de montajes para preparados microscópicos destinados a proyección

Drew a new nomenclature for compound leaves

Esbozo de una nomenclatura de las hojas compuestas

The last three were presented in American International Scientific Congress (1910).

## SOME BIBLIOGRAPHY

La propagación de las semillas en la *Cyclanthera histris* Arn. (1937)

Micrografia de las maderas argentinas. El nogal criollo (1934)

El sistema tanífero del leño y su importancia para la determinación de maderas (1934)

Importancia de la arbol en la higiene publica (1932)

La validez del genero *Magallana* Cav. y su rehabilitación (1929)

Importancia de la ficha histológica para la exacta diferenciación de las maderas y necesidad de establecerla para las maderas argentinas (1929)

Contribución al estudio histológico de las maderas chilenas *Embothrium coccineum* Forst. (1929)

Clave universal para la determinación de las familias de las plantas (1923)

Reconocimiento microquímico de los oxalatos solubles en los vegetales (1921)

Contribución al conocimiento histológico de la yerba mate y sus falsificaciones (1921)

Esbozo de una nueva nomenclatura de las hojas compuestas (1919)

Diferenciación del anís estrellado oficial de las especies tóxicas (1919)

Sobre un tratamiento empírico en un caso de mordedura de serpiente (1918)

Rol de los nucléolos en la división celular cariocinética (1918)

Contribuciones al estudio histológico de la flora chilena (1917-25)

Clave universal para la determinación de las familias de las plantas (1915)

Contribución al estudio de las dobles coloraciones diferenciales obtenidas con un solo colorante (1911)

Contribución histológica y origen botánico de la yerba mate de Bolivia (1910)

Acción de los principales alcaloides sobre los protozoarios (1910)

La estructura morfológica del grano de aleurona

# Augusto Etienne Tisseire

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Augusto Etienne Tisseire, French-born Uruguayan naturalist and archaeologist (Gémenos, Bouches du Rhone 14 May 1882 – Montevideo 15 January 1950)

## SOME BIBLIOGRAPHY

Au sujet de quelques objets façonnés par les premiers habitants de la rive uruguayenne du río de La Plata. Actas XXV Intern. Congr. Americanists (1932)

Sobre malacología de la Republica Oriental del Uruguay (región de Colonia). Arch. Soc. Biol. Montevideo 1:223-8, 1930

Nueva faz del ingenio charrúa. Moluscos fósiles utilizados por indios. 1st Congr. Nat. Hist. Montevideo (1928)

Contribución al estudio de la geología y de la paleontología de la Republica O. del Uruguay (Región de Colonia) 1928

Expedición a los departamentos de Colonia y Soriano. Rev. Soc. Amigos Arqueol. 1:47, 1927

Curiosos objetos de barro hallados en Colonia. Rev. Soc. Amigos Arqueol. 1:1-8, 1927

## HONORS (Fossil)

*Tisseiria* Kraglievich 1932 (Mammalia)

*Tisseirei* Roselli 1938 (Lepidoptera)

## LINKS

[http://www.mec.gub.uy/munhina/pdf/Tisseire\\_biobiblio.pdf](http://www.mec.gub.uy/munhina/pdf/Tisseire_biobiblio.pdf)

# Augusto Ruschi

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Augusto Ruschi, Brazilian biologist (Santa Teresa, Espírito Santo State 12 December 1915 – Vitória 03 June 1986)

From Italian parentage

Authored about 470 works being 380 papers and 22 books

Gained international recognition for his studies about hummingbirds, orchids and tropical botany

Regarded as a world authority on hummingbirds being the first to breed hummingbirds in captivity

Held the greatest written work about hummingbirds

Developed the concept of ecological or forest reserve (1951)

## DESCRIBED NEW TAXA

### Animalia

### Mammalia

### Valid Subspecies

*Natalus stramineus espiritosantensis* 1951

### Aves

### Valid Species

*Amazilia rondoniae* 1982

*Phaethornis margarettae* 1972

### Valid Subspecies

*Amazilia versicolor kubtchecki* 1959

*Augastes scutatus soaresii* 1963

*Campylopterus largipennis diamantinensis* 1963

### Plantae

### Orchidaceae

### Valid Genus

*Hoehneella* 1945

### Species

*Bulbophyllum teresense* 1946

*Cattleya dupontii* 1970

*Cattleya grosvenori* 1969

*Centrogenium rademarkeri* 1972 with La Gasa

*Cleistes medicii* 1972

*Cyrtopodium paynei* 1969

*Epistephium mardenii* 1969

*Gomesa guinlei* 1946

*Gomesa novaesae* 1970

*Habenaria carvalhoi* 1946

*Habenaria mayersii* 1946

*Habenaria mello-leitonii* 1946

*Habenaria nabucoi* 1973

*Hoehneella gehrtiana* 1945

*Hoehneella heloisae* 1945

*Hoehneella santos-nevesii* 1945

*Koellensteinia colnagi* 1974

*Koellensteinia espiritosantensis* 1954

*Laelia wetmorei* 1970

*Miltonia velloziana* 1975 with La Gasa

*Ornithocephalus vosburghi* 1969

*Phymatidium lopesii* 1969



*Physosiphon bragae* 1970  
*Pseudolaelia canaanensis* 1974  
*Pseudolaelia dutraei* 1952  
*Saundersia bicallosa* 1955  
*Zygopetalum rigbyanum* 1975  
*Zygopetalum chateaubriandii* 1955

**Bromeliaceae**

**Species**

*Neoregelia punctatissima* 1954  
*Neoregelia rubrifolia* 1954  
*Neoregelia tigrina* 1954

**HONORS**

*Ruschia* Mello Leitão 1940 (Arachnida)

# Austin Roberts

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

J. Austin Roberts, South African vertebrate zoologist (Pretoria 03 January 1883 – Transkei 05 May 1948)

## DESCRIBED VALID VERTEBRATA TAXA

### Mammalia

#### Subfamilies

Cricetomyinae 1951

Petromyscinae 1951

#### Genera

*Chlorotalpa* 1924

*Eremitalpa* 1924

*Neamblysomus* 1924

*Neoromicia* 1926

*Sauromys* 1917

#### Species

12

#### Subspecies

82

### AVES

#### Genera (1922)

*Achaetops*

*Campicoloides*

*Dendroperdix*

*Hemimacronyx*

*Myioparus*

*Notapholia*

*Pseudohirundo*

*Smutsornis*

*Swynnertonia*

#### Subgenera

*Glaucestrilda*

*Melananas*

*Nyctiperdix*

#### Species & Subspecies

Many

# Autar Singh Paintal

April 16, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Autar Singh Paintal, Indian physiologist (Mogkok, Burma 24 September 1925 – Delhi 21 December 2004)

Authored about 400 publications

## ACHIEVEMENTS

Discovered several sensory receptors such as atrial B receptors (1953), ventricular pressure receptors (1955), gastric stretch receptors (1954), muscle pain receptors (1960) and mucosal mechanoreceptors of the intestines

Discovered juxtapulmonary capillary or type J receptors (1955)

Established the properties of various receptors

Characterized the reflex and sensory actions of pulmonary J receptors

Introduced the concept of viscerosomatic inhibition

With R.L. Riley showed that aortic chemoreceptors were stimulated by reducing oxygen availability (1976)

Discovered the principle relating to the relative dilution of multiple solutes in flowing fluids (1991)

With C.C. Hunt coined fusimotor neurons

Introduced P index for evaluation of galvanic skin responses (1951)

Developed single-fibred dissection and electrophysiological techniques

Discovered that non-myelinated fibres are blocked at lower temperatures and then proposed a technique to distinguish reflexes mediated by myelinated afferents from those mediated by non-myelinated ones involving usage of liquid paraffin for immersing nerves while dissecting and recording from them (1953)

Developed technique of injection of chemicals into the circulation to discover “silent” visceral receptors (1954)

With A. Anand introduced a new method for measuring the in vivo concentration of J-receptors excitants (1991-3)

# Authos Pagano

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Authos Gloi Ischiros Mateo Domingo Pagano, Uruguayan-born Brazilian economist, lawyer, statistician and philosopher (Montevideo 21 September 1903/9 – São Paulo 12 March 1976)

Authored over 2,500 articles and 12 books

His doctoral thesis O coeficiente instantâneo de mortalidade (1939) gained acclaim and received a Cuban prize

His Lições de Estatística (1943) propelled British mathematician T.N.E. Greville to publish Laws of Mortality which satisfy a uniform seniority principle (1957)

His Lições de Estatística was translated into English by Michigan University (1952); a third edition of this book received a prize by Actuarial Institute of London (1956)

O coeficiente instantâneo de mortalidade: estabelecimento analytico e sua applicação à pesquisa de leis de sobrevivência (1939)

Fórmula para o cálculo da probabilidade de sobrevivência entre as idades  $x$  e  $x+m/k$ . Bol. Mensal Div. Estat. Docum. Social Pref. S. Paulo p.106-7

Dedução da fórmula geral da média harmônica e sua aplicação à determinação do índice do poder aquisitivo da moeda em São Paulo. Bol. Mensal Div. Estat. Docum. Social Pref. S. Paulo 113:25,

Fórmulas novas para a estimativa da população e sua aplicação à determinação da população do município de São Paulo. Bol. Mensal Div. Estat. Docum. Social Pref. S. Paulo 103:27,

Uma função de morbilidade e a fórmula correspondente do prêmio puro para o seguro-enfermidade. Bol. Mensal Div. Estat. Docum. Social Pref. S. Paulo 125

Authored a number of articles about astronomy in national and foreign journals (1940-50s)

He was honorary member of a great number of foreign cultural and scientific societies

# Avinash Chandra Nautiyal

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Avinash Chandra Nautiyal, Indian micropaleontologist (fl.1966)

## DESCRIBED FOSSIL TAXA

### Genera

*Grandiphyucus* 1978

*Pakria* 1983

*Palaeonostochopsis* 1983

*Satpulispora* 1979

### Species

*Animikiea indica* 1980

*Archaeolipsoidea grandis* 1985

*Archaeorestis faguaensis* 1988

*Baltisphaeridium gangolihatense* 1978

*Contraohofilum minutum* 1983

*Eomycetopsis spinosus* 1986

*Grandiphyucus satpuliensis* 1978

*Granomarginata dhalii* 1982

*Granomarginata simlaensis* 1982

*Kakabekia macroumbellata* 1988

*Leiofusa minuta* 1988

*Leiosphaeridia microgranulosa* 1983

*Leiosphaeridia microminuta* 1985

*Leiosphaeridia nalderaensis* 1985

*Leiosphaeridia porcellanitis* 1983

*Leiosphaeridia sarjeantii* 1983

*Menneria hymenophacoides* 1984

*Neonostoc sangrampurensis* 1986

*Nucellosphaeridium minor* 1986

*Oscillatoropsis glauconitis* 1990

*Pakria kheinjuaensis* 1983

*Palaeonostochopsis vindhyanensis* 1983

*Pterospermopsis microgranulosus* 1988

*Satpulispora major* 1979

*Satpulispora microreticulata* 1979

*Satpulispora minuta* 1979

*Satpulispora psilata* 1979

*Schismatosphaeridium kumaunii* 1978

*Sulcatisporites sahnii* 1976 with Sahn

*Trachysphaeridium dalkiense* 1988

### Subspecies

*Desmochitina minor minutus* 1989

*Desmochitina minor naldera* 1985

*Desmochitina minor spina* 1989

# Ayub Khan Ommaya

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ayub Khan Ommaya, Pakistani neurosurgeon (Mian Channu, Punjab 14 April 1930 – Islambad 11 July 2008)

From Pakistani Muslim father and French Catholic mother

Authored over 175 articles, chapters and books

Invented Ommaya reservoir (1963)

Published the first coma score for classification of traumatic brain injury (1966)

With Di Chiro & Doppman pioneered spinal angiography (1967)

Reported the treatment of spinal cord arterio-venous malformation by percutaneous embolization of an intercostals artery using stainless steel pellets (1968)

First reported cerebrospinal fluid rhinorrhea occurring with primary empty sella

Invented an inflatable collar that attaches to motorcycle helmets as a protection against spinal injury

Developed techniques for topic cooling of brain

Invented apparatus and technique for chronic implantation in human head and spine

Invented the first spinal fluid driven artificial organ. US Patent 5385582 (1995)

# B.R. Jagannatha Rao

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

B.R. Jagannatha Rao, Indian paleontologist (fl.1963-96)

## DESCRIBED FOSSIL TAXA

### Genus

*Orbiqia* 1962 with Mangain (Foraminifera)

### Species

*Goniomyia stoliczkai* 1980 with Ayyasami (Ammonite)

*Orbiqia chasensis* with Mangain 1962 (Foraminifera)

## HONORS

*Raoceras* Ayyasami 1993 (Ammonite)

# B.R. Subba Rao

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

B.R. Subba Rao, Indian entomologist (fl.1957-86)

## DESCRIBED HYMENOPTERA GENERA

*Acanthomymar* 1970

*Acridencyrtus* 1979

*Anneckia* 1970

*Botryoideclava* 1980

*Burksoma* 1978

*Cladiscodes* 1977

*Desantisella* 1971

*Eugeniana* 1961 with Narayanan & Patel

*Hamusencyrtus* 1978 with Hayat

*Heimbrella* 1978

*Kubja* 1984

*Mangoma* 1986

*Narayanella* 1976

*Neoplatycerus* 1965

*Obtusiclava* 1973

*Risbecoma* 1978

*Rozanoviella* 1974

*Turnerella* 1971



# Baij Nath Singh

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Baij Nath Singh, Indian protozoologist and microbiologist (Varanasi 31 July 1914 – Lucknow 29 December 1985)

Showed that some aerobic free-living amoebae could cause fatal human meningoencephalitis

Demonstrated that avirulent strains of *Entamoeba histolytica* could be made virulent by feeding them with cholesterol in culture

Made significant contributions to the phenomenon of cystations showing the role that amino acids and cAMP play in process

## DESCRIBED PROTOZOA TAXA

### Families

Nathellidae 1953

Schizopyrenidae 1952

### Genera

*Bawdenium* 1982 with Misra & Sharma

*Carteria* 1982 with Misra & Sharma

*Cutleria* 1982 with Misra & Sharma

*Didascalus* 1952

*Greeffia* 1979 with Hanumaiah

*Nathella* 1953

*Platyamoeba* 1979 with Hanumaiah

*Russellia* 1979 with Hanumaiah

*Sahnium* 1982 with Misra & Sharma

*Schizopyrenus* 1952

*Tetramastigamoeba* 1979

*Thorntonius* 1981 with Misra & Sharma

## HONORS (Protozoa)

*Singhamoeba* Sawyer, Nerad & Munson 1992

*Singhella* Chang 1971

# Baini Prashad

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Baini Prashad, Indian malacologist and ichthyologist (Kirtapur, Punjab 17 January 1894 – Calcutta 18 January 1969)

Discovered that the mantle was specifically responsible for the production of shell sculpture in Vivipariidae

## DESCRIBED NEW TAXA

### Mollusca

#### Genera

*Balwantia* 1919

*Eocremnoconchus* 1928

*Eolymnium* 1919

*Indonaia* 1918

*Indopseudodon* 1922

*Saptadonta* 1934

*Sinonovacula* 1924

#### With Annandale

*Alocinma* 1919

*Astenothyra* 1921

*Atyscaphander* 1924

*Heudiella* 1924

*Parafossarulus* 1924

*Turbinicola* 1921

### Pisces

#### Genera (with Mukerji 1929)

*Indostomus*

*Parasphaerichthys*

#### Species

*Glyptothorax burmanicus* 1929 with Mukerji

*Homaloptera rupicola* 1929 with Mukerji

*Indostomus paradoxus* 1929 with Mukerji

*Leptocephalus milnei* 1919 with Southwell

*Leptocephalus vermiculatus* 1919 with Southwell

*Microphis dunckeri* 1929 with Southwell

*Olyra horae* 1929 with Mukerji

*Parasphaerichthys ocellatus* 1929 with Mukerji

*Pseudolaguvia tuberculata* 1929 with Mukerji

### Cestoda

#### Genera

*Ilisha* 1918 with Southwell

## HONORS

*Bainidiplosis* Mani 1935 (Diptera)

# Bangalore Puttaiya Radhakrishna

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bangalore Puttaiya Radhakrishna, Indian geologist (Bangalore 30 April 1918 – Bangalore 26 January 2012)

## SOME BIBLIOGRAPHY

Groundwater in Karnataka. Geol. Soc. India (2006)

Holocene chronology and Indian prehistory. J. Geol. Soc. India 51:133-8, 1998

Neogene uplift and geomorphic evolution of the Indian Peninsula. Curr. Sci. 64:787-93, 1993

Cauvery – its geological past. J. Geol. Soc. India 40:1-12, 1992

Suspect tectono-stratigraphic terrane elements in the Indian subcontinent. J. Geol. Soc. India 34(1):1-24, 1989

Gold in laterite: a surprising challenge in metallogeny (1989)

Economic significance of quartz-pebble conglomerate. Mem. Geol. Soc. India 9:717, 1988

Purana basins of India. Mem. Geol. Soc. India (1987)

With S.M. Naqvi. Precambrian continental crust of India and its evolution. J. Geol. 94:145-66, 1986

Crustal evolution and metallogeny: evidence from the Indian shield, a review. J. Geol. Soc. India 25:617-28, 1984

With V.N. Vasudev. The early Precambrian of the southern Indian Shield. J. Geol. Soc. India (1977)

Mineralization episodes in the Dharwar craton of Peninsular India. J. Geol. Soc. India 17:79-88, 1976

The two greenstone groups in the Dharwar craton. Ind. Mineral. 16:12, 1975

Geomorphological approach to the charnockite problem. J. Geol. Soc. India 9:67-74, 1968

The mode of occurrence of chromite at Byrapur, Mysore State, India (1957)

The Cloreper Granites of Mysore State, India. Spec. Public. Mysore Geol. Assn. (1956)

The Mysore plateau: its structural and physiographical evolution. Bull. Mysore. Geol. Assoc. 3:1-53, 1954

The iron ore resources of Mysore. Mysore Geol. Assoc. Bull. 2, 1951

With M.B. Ramachandra Rao. Report on the prospecting for bauxite near Shivaganga Hollalkere Taluk (India). Mysore Geol. Dept. Rec. 38:106-115, 1939

Criteria for recognition of faulting in crystalline rocks: Notes on Mysore State

## HONOURS

Elected Honorary Fellow, Geological Society of London (1986)

Radhakrishnaite Genkin, Safonov, Vasudev, Krishna Rao et al. 1985 (Mineral)

## LINKS

<ftp://rock.geosociety.org/pub/Memorials/v41/Radhakrishna-B.pdf>

# Bangalore Srinivasarao Venkatachala

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bangalore Srinivasarao Venkatachala, Indian palynologist and stratigrapher (Bangalore 02 January 1933 – Dehradun 15 June 2007)

Authored about 100 papers

## DESCRIBED FOSSIL GENERA

### Sporae/Pollen

*Aggerispora* 1963

*Altitriletes* 1968 with Kar

*Asperitricolporites* 1972 with Rawat

*Asterisporites* 1971 with Rawat

*Auriculiretisporites* 1973 with Rawat

*Bhujiasporites* 1969 with Kar & Raza

*Boshisporites* 1973 with Bharadwaj & Tiwari

*Bullaspora* 1963

*Candidispora* 1963

*Caperetripores* 1972 with Rawat

*Cauveripollis* 1973 with Rawat

*Clavisporis* 1962 with Bharadwaj

*Coneopollis* 1973 with Rawat

*Corbulispora* 1962 with Bharadwaj

*Corisaccites* 1966 with Kar

*Costatipollenites* 1973 with Rawat

*Couperipollis* 1969 with Kar

*Cryptopolyporites* 1969 with Kar

*Cyclofoveolatispora* 1968 with Kar

*Cymbospora* 1963

*Didecitriletes* 1964 with Kar

*Divarisaccus* 1966 with Kar

*Fossulatisporites* 1971 with Bharadwaj & Tiwari

*Frangospora* 1968 with Kar

*Gliscopollis* 1966

*Granulopercutatipollis* 1964 with Goczan

*Impardecispora* 1969 with Kar & Raza

*Iugisporis* 1962 with Bharadwaj

*Iugopollis* 1972 with Rawat

*Katrolaites* 1967 with Kar

*Lacinitriletes* 1965 with Kar

*Lacrimapollis* 1973 with Rawat

*Lakiaspollis* 1969 with Kar

*Maculoporites* 1973 with Rawat

*Meyeripollis* 1970 with Baksi

*Nymphaeopollis* 1969 with Kar

*Orbisporis* 1962 with Bharadwaj

*Polybrevicolporites* 1969 with Kar

*Pseudonothofagidites* 1969 with Kar

*Psilospora* 1968 with Kar

*Radiatispinospora* 1973 with Bharadwaj & Tiwari

*Rostratispora* 1962 with Bharadwaj

*Rostriapollenites* 1968 with Kar

*Sastriipollenites* 1969 with Kar

*Schizopollis* 1964 with Kar

*Sonneratioipollis* 1969 with Kar

*Striasulcites* 1968 with Kar

*Thymospora* 1963 with Wilson

*Tricollareporites* 1973 with Rawat

*Umbelliferoipollenites* 1969 with Kar

*Velamisorites* 1962 with Bharadwaj

#### **Acritarcha**

*Concentrites* 1974

*Rugocystis* 1974

*Rugulasphaeridium* 1971 with Bharadwaj & Tiwari

#### **Fungi**

*Pseudosphaerialites* 1969 with Kar

*Sphaerialites* 1969 with Kar

#### **Algae**

*Aculeophyton* 1966 with Krausel

*Palaeonostoc* 1972 with Sastri & Desikachary

# Baoling Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Baoling Wu, Chinese marine biologist (Beijing 01 March 1925 – Qingdao 05 February 1998)

World authority on Polychaeta biology

## DESCRIBED VALID TAXA

### Polychaeta

#### Genera (9; incomplete)

*Cossurella* 1977 with Chen

*Halasydnopsis* 1959 with Uschakov

*Heterophysa* 1991 with Shen

*Neopolyodontes* 1993 with Shen

*Paraleonnates* 1962 with Chlebovitsch

*Sinonereis* 1979 with Sun

#### Species

*Austrophyllum oculatum* 1987 with Wang

*Autolytus robustisetus* 1978 with Sun

*Cabira pilargiformis* 1962 with Uschakov

*Cossura aciculata* 1977 with Chen

*Eteone delta* 1963 with Chen

*Euchone quadrisegmentata* 1993 with Zhao & Westheide

*Euniphysa tridentesa* 1990 with Shen

*Eusamythella multidentata* 1987 with Wu & Qian

*Exogone fungopapillata* 1992 with Zhao

*Gattyana pohaiensis* 1959 with Uschakov

*Glycinde gurjanovae* 1962 with Uschakov

*Grubianella brevicirrata* 1982 with Wu & Qian

*Harmothoe asiatica* 1962 with Uschakov

*Heptaceras fukianensis* 1962 with Uschakov

*Hesioneura shangdongensis* 1991 with Zhao

*Hesperonoe hwanghaiensis* 1959 with Uschakov

*Heteropodarke xiamenensis* 1997 with Ding & Westheide

*Heterospio sinica* 1966 with Chen

*Hydroides longistylaris* 1980 with Chen

*Hydroides nanhaiensis* 1981 with Chen

*Hydroides rhombobula* 1980 with Chen

*Hydroides trilobula* 1978 with Chen

*Hydroides xishaensis* 1978 with Chen

*Kinbergonuphis antarctica* 1987 with Wu & Wang

*Kinbergonuphis fauchaldi* 1987 with Wu & Wang

*Laonice sinica* 1998 with Sikorskii

*Linopherus oligobranchia* 1975 with Shen & Chen

*Lumbriclymene australis* 1988 with Wang

*Macellicephala australis* 1987 with Wang

*Malmgrenia ampulliferoides* 1959 with Uschakov

*Microphthalmus biantennatus* 1993 with Zhao & Westheide

*Mysta tchangsii* 1959 with Uschakov

*Neanthes donghaiensis* 1981 with Sun & Yang

*Neanthes flava* 1981 with Sun & Yang

*Neanthes maculata* 1981 with Sun & Yang

*Neanthes multignatha* 1981 with Sun & Yang

*Neanthes nanhaiensis* 1981 with Sun & Yang

*Nereis guangdongensis* 1981 with Sun & Yang

*Nereis huanghaiensis* 1981 with Sun & Yang

*Nereis longior* 1962 with Chlebovitsch

*Nereis sinensis* 1981 with Sun & Yang

*Nicon sinica* 1979 with Sun

*Notopygos subpragigas* 1962 with Uschakov

*Onuphis chinensis* 1962 with Uschakov

*Orbinia dicrochaeta* 1962

*Paraeuniphysa falciseta* 1991 with Shen

*Paraleonnates uschakovi* 1962 with Chlebovitsch

*Perinereis rhombodonta* 1981 with Sun & Yang

*Perinereis weijhouensis* 1981 with Sun & Yang

*Pholoe chinensis* 1994 with Zhao & Ding

*Phyllodoce papillosa* 1959 with Uschakov

*Phyllodoce sinensis* 1959 with Uschakov

*Pisione hainanensis* 1988 with Ding & Huang

*Pisione lavisetosa* 1991 with Zhang & Westheide

*Prionospio sishaensis* 1964 with Chen

*Proclea antarctica* 1987 with Wu & Qian

*Protodrilus huanghaiensis* 1980 with Sun & Chen

*Rullierinereis elytrocirra* 1979 with Sun

*Scolecopsis (Scolecopsis) gibbosa* 1964 with Chen

*Scoloplos chrysochaeta* 1962

*Scoloplos uschakovi* 1962

*Semivermilia parapomatostega* 1981 with Chen

*Serpula sinica* 1979 with Sun & Chen

*Sigalion asiaticus* 1965 with Uschakov

*Sinonereis heteropoda* 1979 with Sun

*Sphaerosyllis sinensis* 1992 with Zhao

*Streblosoma sinica* 1987 with Wu & Qian

*Streblosoma xiangyanghong* 1987 with Wu & Qian

*Tambalagamia sinica* 1993 with Shen

*Trichobranchus polychaetus* 1988 with Wang

## **Echinodermata**

### **Subspecies**

*Aphelasterias changfeng yingi* 1962 with Baranova

## **HONORS**

*Wuinereis* Khlebovich 1996 (Polychaeta)

# Barry Ramachandra Rao

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Barry Ramachandra Rao, Indian physicist (Visakhapatnan District, Andhra Pradesh State 21 November 1922 – Visakhapatnan District, Andhra Pradesh State 24 September 2005)

Authored over 300 papers

Discovered a new phenomenon in light diffraction, absorption and dispersion and ionospheric drifts

With P.R.K.L. Padmini found a new relation between ultra-sonic velocity and latent heat of vaporization (1960)

Found that the ratio of the temperature coefficients of the ultrasonic velocity and density is nearly equal to 3 for most organic liquids

Performed theoretical and modelling studies of low latitude ionosphere

Discovered that in the high frequency region in the diffraction patterns follow Bragg's law

First to derive the low-latitude upper atmospheric winds

First to report some basic features of spread-F including the background plasma state conducive for their occurrence

First to adopt advanced correlation techniques to derive the scale size and anisotropy characteristics of the irregularities of ionospheric plasma drift velocities

Eponym of Rao's molar sound velocity

## DEVELOPED METHODS

With C.R. Reddi. The direction of movement of F2 region perturbations. *Radio and Electronic Engineer*, 34 (1): 53-9, 1967

With K. J. M. Rao. Determination of the effective life time and transit times of minority carriers in the base region of a transistor. *Proceedings of the Indian Division of the Institution of Electronic and Radio Engineers*, 3 (2):38-42, 1965

With M.S.V. Gopal Rao. Nocturnal and seasonal variations of equatorial spread-F *Journal of Atmospheric and Terrestrial Physics*, 22 (1):13-22, 1961

With P. R. K. L. Padmini. Molar sound velocity in molten hydrated salts. *Nature* 191: 694-5, 1961

With M. S. V. Gopala Rao & P. Ramachandra Rao Pant. Correlation of spread-F activity with F-region height changes. *Journal of Atmospheric and Terrestrial Physics*, 17 (4): 345-7, 1960

With H.S. Rama Rao. A method of studying the variation with temperature of ultrasonic absorption in liquids. *Nature* 182:1794-5, 1958

With C. Abhirama Reddy & M. Srirama Rao. Magneto-ionic fading in pulsed radio waves reflected at vertical incidence from the ionosphere *Journal of the British Institution of Radio Engineers*, 18 (11): 669-76, 1958

With K. Subba Rao. A simple method of determining ultrasonic velocities in rocks. *Nature* 180: 978, 1957

With M. Srirama Rao. Analysis of fading records from four spaced receivers for ionospheric wind measurements *Journal of Atmospheric and Terrestrial Physics*, 10 (5-6):307-17, 1957.

With M. Ramakrishna Raju. A new diffraction method for measuring ultrasonic velocities in liquids. *Current Science* 25 (12):390-2, 1956

With D. Satyanarayana Murty, D. A simple method of studying winds in the ionosphere by using continuous-wave radio *Nature* 177:1222-3, 1956

With P. Venugopala Rao, P. A modified wedge method for exciting shear modes in isotropic media. *Nature* 174:835, 1954

With K. Subba Rao. Investigation of ultrasonic velocities in liquids by a new method *Proceedings of the Indian Academy of Sciences, Section A*, 39 (3):132-6, 1954

With E. Bhagiratha Rao, E. Investigation of travelling disturbances in the ionosphere by continuous-wave radio. *Nature*, 172:819-20, 1953

With K. Subba Rao. A new precision method for the measurement of ultrasonic velocities in liquids *Nature*, 171:1077-8, 1953

Ultrasonic velocities in liquids by a new method. *Proceedings of the Indian Academy of Sciences, Section A*, 34 (1):24-6, 1951

A new method for measuring velocities of ultrasonic waves in liquids. *Nature* 166:742, 1950

A new ultrasonic method for determining elastic constants. *Current Science* 19 (5):148-9, 1950

With S. Bhagavantam. Elastic constants of alum determined by a new ultrasonic method *Nature* 162:818-9, 1948

With S. Bhagavantam. Determination of the elastic constants of isotropic media: a new method. *Proceedings of the Indian Academy of Sciences, Section A*, 23 (5): 254-256, 1946

## DEVELOPED APPARATUSES

With R. Raghava Rao. A new type of ionospheric drift recorder. *Journal of Atmospheric and Terrestrial Physics*, 21 (2-3):208-10, 1961

The first multi-frequency HF pulse radar in spaced-receiver configuration

First to design HF phase path sounder

A meteor radar

A sodar

## LINKS

<http://www.iisc.ernet.in/currsci/may252006/1438.pdf>



# Basil Schonland

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Basil Ferdinand Jamieson Schonland, South African physicist (Grahamstown, Cape Colony 01 February 1896 – Winchester, Hampshire 24 November 1972)

## ACHIEVEMENTS

Considered as world's greatest authority on lightning

Studied electric fields under thunderclouds

Elucidated the complex nature of the lightning flash and the time-sequence of its component strokes

Unravell'd the complex sequence of events in the flash and correlated with the measurements of electric field changes at ground level

First showed that a flash consist of several strokes and measured the time interval between them

With D.J. Malan & H. Collens established a pattern of flash sequences of strokes now universally accepted (1935)

First linked radio atmospherics with lightning (1935)

Explained why spires and towers are more vulnerable to be struck by lightning

## DEVELOPED

A new electroscope. Proc. Camb. Phil. Soc. 25:340, 1929

With P.G. Gane. A lightning flash counter. Trans. S. A. I. I. 38:119, 1947

With P.G. Gane. The ceraunometer. Weather, June 1948

With D.J. Malan. An electrostatic flux meter of short response-time for use in the study of transient field-changes. Proc. Phys. Soc. B 63:402, 1950

His father, Selmar Schonland, German-born South African botanist (Bad Frankenhausen, Thuringen 15 August 1860 – Grahamstown, Cape Province 22 April 1940)

Son in law of mycologist Peter MacOwan

Introduced and published the technique of wax embedding and serial cutting with the microtome into botanical research (1886)

Described three genera (today invalid) and about 250 new plant species

## SOME BIBLIOGRAPHY

### Botany

Spinosity of plants. S. Afr. J. Nat. Hist. 6:101-7, 1927

On the absorption of water by the aerial organs of some succulents. Trans. R. Soc. S. Afr. 1:395-401, 1910

With C. W. Mally. Disease in pineapples. Agric. J. Cape (1901)

Plant-animal symbiosis. Nature 52:597, 1895

Modification of Pagan's "growing slide". Ann. Bot. 2:227-31, 1888-9

The apical meristem in the roots of Pontederiaceae (1888)

### Zoology

On protective coloration in some South African animals

Nesting habits of *Tockus melanoleucus*. Trans. S. Afr. Phil. Soc. 18:1-7, 1909

Notes on the Chacma Baboon and the Maanhaar Jackal. The Zoologist (1897)

Snake cannibalism. Nature (1894-5)

The Zebra stripes. Nature (1892)

### Anthropology/Ethnology

On some implements and ornaments of South African native races made from stone and bone. Records of the Albany Museum 2:18-23, 1907

Hottentot and Bushman pottery. Records of the Albany Museum (1903)

Art amongst natives of South Africa (1894)

On some supposed Bushman inscriptions and rock-carvings found in Bechuanaland. Trans. S.Afr. Phil. Soc. 9:19-20, 1896

On some human skulls in the collection of the Albany Museum. Trans. S. Afr. Philos. Soc. (1894)

## HONOURS

*Schoenlandella* Cameron 1904 (Hymenoptera)

# Bawa Kartar Singh

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bawa Kartar Singh, Indian stereo chemist (Vairoval, Amritsar District 17 April 1886 – Chandigarh 16 June 1960)

Authored over 150 papers

Gained international recognition for his studies on stereochemistry of camphor compounds

Developed a biochemical method to distinguish between a racemic mixture and a racemic compound

Developed with P. Prasad a new method for the preparation of tertiary amines

# Belindo Adolfo Torres

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Belindo Adolfo Torres, Argentine entomologist (Pergamino, Buenos Aires Province 03 April 1917 – La Plata 04 November 1965)

Regarded as one of the world's leading experts on Homoptera Auchenorrhyncha

## DESCRIBED HOMOPTERA TAXA

### Genera

*Acuticephala* 1958

*Acyroneura* 1958

*Alarcta* 1958

*Calliopsida* 1958

*Elachysoma* 1958

*Elassoneura* 1962

*Prasinosoma* 1963

*Psephenotettix* 1958

*Tettigotoma* 1942

### Species

*Acuticephala alipuncta* 1958

*Acyroneura singularis* 1958

*Alarcta albicerata* 1949

*Alarcta bahiensis* 1942

*Alarcta blanchardi* 1948

*Alarcta macrogina* 1949

*Alarcta minuta* 1949

*Alarcta quadrimaculata* 1958

*Alarcta terrosa* 1958

*Carineta scripta* 1948

*Carineta crassicauda* 1948

*Carineta limpida* 1948

*Carineta liturata* 1948

*Carineta maculosa* 1948

*Carineta propinqua* 1948

*Chonosia atrodorsalis* 1945

*Chonosia trigonoscelis* 1945

*Derotettix proseni* 1945

*Elachysoma quadrivittata* 1964

*Elassoneura carychrous* 1964

*Empoasca cristata* 1955

*Empoasca punena* 1959

*Guaranisaria bicolor* 1958

*Guaranisaria llanoi* 1964

*Pachypsaltria haematodes* 1959

*Pachypsaltria peristicta* 1959

*Prasinosoma fuenbuenai* 1963

*Protalebrella schachovskoyi* 1955

*Psephenotettix grandis* 1958

*Saldula paralia* 1954

*Tettigades angularis* 1944

*Tettigades auropilosa* 1944

*Tettigades bahiensis*

*Tettigades blanchardi*  
*Tettigades bosqi* 1944  
*Tettigades brevicauda* 1958  
*Tettigades brevivenosa*  
*Tettigades crassa* 1958  
*Tettigades curvicosta* 1958  
*Tettigades distant* 1958  
*Tettigades lacertosa* 1944  
*Tettigades limbata* 1958  
*Tettigades lizeri* 1942  
*Tettigades major* 1944  
*Tettigades pauxilia* 1958  
*Tettigades procera* 1958  
*Tettigades sarcinatrix* 1944  
*Tettigades sordida* 1944  
*Tettigades undata* 1958  
*Tettigades unipuncta* 1958  
*Tettigotoma maculosa* 1942

# Benedicto & Hélia Soares

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Benedicto Abílio Monteiro Soares, Brazilian arachnologist and entomologist (São Paulo 12 September 1914 – Botucatu, São Paulo State 12 December 1985)

## DESCRIBED TAXA

### Arachnida

#### Genera

#### Alone

*Camposicoloides* 1944

*Capichabesia* 1944

*Chaquesia* 1944

*Heliella* 1945

*Melloleitania* 1943

*Mitopernoides* 1944

*Oliverius* 1945

*Pseudogyn-desoides* 1944

*Rezendesius* 1945

*Schubartesia* 1944

*Ubatubesia* 1944

*Victoriaincola* 1946

#### With Hélia Soares

*Acanthopachylopsis* 1949

*Ceratoleptes* 1979

*Chavensicola* 1946

*Gertia* 1946

*Goodnightiella* 1945

*Hutamaia* 1977

*Iguassuoides* 1954

*Itatiaincola* 1948

*Maromba* 1954

*Metalygoniosoma* 1946

*Paraprosontes* 1947

*Paraproweyhia* 1947

*Thrasychiroides* 1947

#### With Camargo

*Chirabicirculigera* 1948

*Sickius* 1948

*Wulfilopsis* 1955

### Species

Over than 150 (80 with his wife and 70 with Camargo)

### Coleoptera

#### Genera

*Schoenfeldtiopsis* 1977 with Scivittaro

*Ubaniopsis* 1970

#### Species

At least 33 (15 with Scivittaro, 9 with Dias, 5 with Meyer, 2 with Peracchi & 2 alone)

## HONORS

*Abieliella* Peracchi 1964 (Coleoptera)

*Lanesoares* Roewer 1949 (Arachnida)

*Soaresnema* Travassos & Kloss 1958 (Nematoda)

*Soaresia* H. Soares 1945 (Arachnida)

His wife, **Hélia Eller Monteiro Soares**, Estonian-born Brazilian arachnologist (Tartu 16 October 1923 – 1999)

**DESCRIBED ARACHNIDA TAXA**

**Genera**

**Alone**

*Aesotrinoma* 1977

*Amazonesia* 1970

*Anoplogynopsis* 1966

*Baculigerus* 1979

*Beckeresia* 1970

*Eopachytoides* 1970

*Eugyndopsiella* 1972

*Guatubesia* 1978

*Huralvioides* 1970

*Izecksohnopilio* 1977

*Jim* 1979

*Paramicrocranaus* 1970

*Pararezendesius* 1972

*Paruleptes* 1970

*Pirassunungoleptes* 1966

*Pseudoacrophinotus* 1966

*Recifesius* 1978

*Sickesia* 1979

*Soaresia* 1945

*Spelaleoleptes* 1966

*Triaenonychoides* 1968

**With Bauab Vianna**

*Anokopsis* 1980

*Proctonemesia* 1978

*Punagraphinotus* 1972

*Rhioxyna* 1970

**With Avram**

*Aucayacuella* 1983

*Pucallpana* 1983

*Stefanesia* 1988

*Traiania* 1981

**Species**

169 valid species of Opiliones

**HONORS (Arachnida)**

*Heliella* Soares 1945

*Elleriana* Kury 2003

# Benedicto de Campos Vidal

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Benedicto de Campos Vidal, Brazilian biophysicist and microscopist (São Paulo 07 July 1930 –

Authored 208 scientific papers (until 2012)

Gained international recognition on morphology and image analysis

Performed important works on collagen and molecular order of biopolymers

Performed pioneering and original observations on orientation of proteoglycans and other structures employing optical anisotropy measurements

Performed important works about anisotropic properties in cornea and tendons

Systematized and applied form birefringency to biomedicine

Described a kind of polymeric liquid crystal in collagen

First observed optical non-linear and photonic properties in biological structures (2003)

Proposed collagen bundles can be regarded as nanostructures

## DEVELOPED

A testicular prosthesis for subcapsular orchiectomy

With P.C. C. Palma a new absorbable pubovaginal sling (1996)

With P.C.R. Palma, C.L.Z. Riccetto, V. Herrmann & N.R. Netto Jr developed a multi-spheric shaped urethral obturator for urinary incontinence in women (1996)

With P.C.C. Palma, C.L.Z. Riccetto, G.L. Novaski et al. A new compatible highly purified collagen gel for therapeutic renal artery embolization (2006)

## INVENTIONS/PATENTS

Gel de colágeno microcristalino para uso como contraceptivo (1983)

Matriz óssea desmineralizada para emprego em ortopedia, cirurgia plástica e odontológica, e respectivo processo de obtenção (1984)

Colágeno para prótese testicular e prótese testicular de colágeno, estabilizado e insolubilizado (1985)

Preparado de fibras reconstituídos de colágeno, com grau elevado de auto-agregação, cristalinas e com arranjo helicoidal símile ao natural, para múltiplos fins e para formar com hidroxiapatita óssea um complexo para implantes ósseos PI9701570-9 A2 (1997)

With A. Lenharo. Processo de fabricação de membrana colagenica biocompatível para aplicação médico-odontológica e produto obtido PI0902410-7 A2 (2011)

With C.L.Z. Riccetto. Processo de complexação de colágeno tipo I puro em telas de polipropileno BR10 2012 0282070 A2 (2012)

With M.A. Foglio, E.R. Pimentel, A.A. de Aro & R.A.F. Rodrigues. Composição e formulação para cicatrização tendínea e seus usos BR10 2013 0074349 B1 (2013)

## LINKS

[http://www2.ib.unicamp.br/profs/vidal/evoL\\_port.html](http://www2.ib.unicamp.br/profs/vidal/evoL_port.html)

<http://www2.ib.unicamp.br/profs/vidal/assessorias.html>

# Benedito de Oliveira Paiva

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Benedito de Oliveira Paiva, Brazilian agronomist (Pirapetinga, Minas Gerais State 12 November 1889 – Passo Fundo, Rio Grande do Sul State 26 March 1974)

Performed studies about plant tolerance to toxic aluminium of soils

Proposed a scale to characterizing the wheat sensibility to acidity of soils

Seleção e adubo (1944). This work was translated into English as Selection and Fertilization in the annals of congress Plant Adaptation to Mineral Stress in Problem Soils occurred in Beltsville, Maryland, United States (1976)

## DEVELOPED VARIETIES & CULTIVARS

### Wheat

Colonias

Trintanni

Trapeano

Trintecinco

Patriarca

Novosurto

Riosulino

Farrapo

Combate

Nordeste

Planalto

Alegrete

Seberi

Toropi

### Others

Quarentão (maize)

Moravia 2 (oat)

## LINKS

[www.cnpt.embrapa.br/pesquisa/agromet/pdf/trigo\\_rumo/trigo\\_no\\_brasil.pdf](http://www.cnpt.embrapa.br/pesquisa/agromet/pdf/trigo_rumo/trigo_no_brasil.pdf) See [http://www.cnpt.embrapa.br/pesquisa/agromet/pdf/trigo\\_rumo/trigo\\_no\\_brasil.pdf](http://www.cnpt.embrapa.br/pesquisa/agromet/pdf/trigo_rumo/trigo_no_brasil.pdf).



# Benigno Varela Fuentes

August 25, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Benigno Varela Fuentes, Spanish-born Uruguayan hepatologist (La Coruña, Spain 07 November 1893 – 22 April 1965)

## Achievements

Expert on liver pathology and biochemistry

His book *Acidosis y Alcalosis en la Clinica*, (1937) gained worldwide fame

Observed the presence of a special form of bilirubin in sera of cancer patients (1933)

Demonstrated with colleagues the value of indirect hyperbilirubinemia as a index of hepatocytic failure (Varela Fuentes symptom)

Obtained the ether-extracted bilirubine

With C. Viana. De la nature de la bilirubine ethero-extractible de quelque serum icteriques. C.R. Soc. Biol. 114:789, 1933

With C. Viana Giuria. Sobre una nueva forma de bilirrubina indirecta del suero icterico: la bilirrubina eter-extraible. 19:47-50, 1934

La bilirubine extractible par l'ether. Acta Med. Scand. 138:65, 1950

With J.R. Pollero described intercostal percutaneous transhepatic cholangiography

Described timed cholecystographic drainage

Introduced the duodenal intubation (1948)

Eponym of Varela Fuentes duodenal intubation and times of Varela Fuentes

With J. Varela López and G. Martínez Prado. Les cinq temps du tubage duodenal normale et leurs modifications dans les cholecystocholangiopathies. Arch. Mal. Appar. Digest. 39:797, 1950

Developed cholecystographic sounding, a method of serial cholecystography (Varela Fuentes-Zubiaurre test)

With J. Varela López, L. Zubiarre & G. Martínez Prado. El sondeo colecistográfico. Prensa Med. Argent. 37:13-32, 1950

Varela Fuentes-Canzani-Viana yellow diazorreaction

With C. Viana. Sobre una forma anormal de la diazo reacción en el suero de ictericias quirurgicas graves. Relat. Congr. Arg. Cir. 9:306-13, 1937

With R. Canzani. La diazo-reaction jaune anormale de quelques sérums icteriques. Sang 13:101-6, 1939

Varela Fuentes-Recarte method for dosage of bilirrubins in the blood

With P. Recarte. Nouvelle technique simplifiée pour le dosage séparé des 2 bilirubins, directe et indirecte, des sérums ictériques. Comp. Rend. Soc. Biol. 116:1193-6, 1934

With P. Recarte & J. Esculies. Methode simplifiée pour la séparation et le dosage isolé des 2 bilirubines, directe et indirecte, du sérum sanguin dans les ictères. C. Rend. Soc. Biol. 108:1009-13, 1931

Varela Fuentes-Iraola sign (a radiological sign of acute psoas muscle disease)

With J. Iraola. Sobre un signo radiológico de la psoitis aguda. Arch. Urug. Med. Cir. Espec. 10:593-8, 1937

Varela Fuentes-Canzani syndrome

With R. Canzani. El síndrome de obstrucción subtotal de las vías biliares. Su diferenciación con la obstrucción total. Arch. Urug. Med. Cir. Espec. 18:385, 1941

## OTHER CONTRIBUTIONS

With J.R. Polero & M.P. Rubino. Nouvelle technique pour l'anesthésie du phrénique au niveau du cou avec immobilisation respiratoire du foie ou de la rate. Arch. Mal. Appar. Digest. 49:942-50, 1959

With J. Varela López & G. Martínez Prado. La contribución del laboratorio al diagnóstico de la colecistitis crónica alitiasica (1948)

With M. Miqueo Narancio. New humoral signs for the early diagnosis of xanthomatous biliary cirrhosis. Prensa Med. Argent. 32:2559-67, 1945

With P. Recarte. Solution colloïdale de bilirubine acide. Methode de préparation et propriétés. C.R. Soc. Biol. 117:900, 1934

With E. Apolo & C. Viana. Resultats obtenus avec la nouvelle méthode pour le dosage séparé des bilirubines directe et indirecte dans les sérums ictériques. Comp. Rend. Soc. Biol. 168:1014-6, 1931

With E. Apolo y Bachilier. Sobre una nueva modificación sanguínea habitual en las parasitosis intestinales: la linfocitosis. An. Fac. Med. Montevideo 11(8):495-510, 1926

## EPONYMS

Varela Fuentes-Piaggio Blanco sign

Varela urine concentration test

Varela Fuentes syndrome or nephrotic cholangiopathy

Varela Fuentes-Viana severity index for direct bilirubinemia

Varela Fuentes classification of jaundice

Varela Fuentes multifenestrated needle for hepatic cirrhosis (1944)

Varela Fuentes point in cholangiography (the ninth or tenth intercostal space in the right anterior axillary line) 1957

# Benito Tan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Benito Ching Tan, Philippine bryologist (Manila 30 August 1946 – Los Angeles, California State 23 December 2016)

Recognized as world's foremost expert on tropical bryophytes

Authored over 300 scientific papers on bryophytes

## DESCRIBED BRYOPHYTA TAXA

### Genera

*Meiotheciella* 1998 with Schofield & Ramsay

*Orthodontopsis* 1992 with Ignatov

*Papillidiopsis* 1989 with Buck

*Pilosimitra* 2005 with Dauphin

*Pseudocryptogonium* 2015 with Li, Wang & Ignatov

*Radulina* 1989 with Buck

*Yakushimabryum* 2011 with Akiyama, Chang & Yamaguchi

### Section

*Platyvatophyllum* 1990

### Species

*Anomobryum erectum* 1989 with Koponen

*Barbula chenia* 1995 with Redfearn

*Barbula zennoskeana* 1994

*Brachythecium propinnatum* 1996 with Redfearn & Ho

*Bryum ochianum* 1995 with Redfearn

*Calymperes dixoconstrictum* 1988 with Mohamed

*Calymperes robinsoni* 1983 with Reese

*Calypothecium distichophyllum* 1984 with Noguchi

*Calypothecium squarrosulum* 1984 with Noguchi

*Chaetomitrium schofieldii* 1990 with Robinson

*Chionostomum hainanense* 1999 with Jia

*Chastobryopsis imbricata* 2010 with Akiyama & Chang

*Desmatodon burmensis* 1993 with Iwatsuki

*Dicranoloma damanhurii* 1990 with Mohamed

*Didymodon gaochienii* 1997 with Jia

*Diphyscium buckii* 1990

*Diphyscium tamasii* 2003 with Ninh

*Distichophyllum meizhia* 1995 with Lin

*Distichophyllum noguchianum* 1990

*Distichophyllum oblongum* 1991 with Lin

*Distichophyllum wanianum* 1995 with Lin

*Ectropothecium neoperrevolutum* 1995 with Suleiman & Akiyama

*Fissidens pseudoceylonensis* 2002 with Choy

*Frullania sinskeana* 1986 with Engel

*Gammiella panchienii* 2000 with Jia

*Gammiella touwi* 1990

*Hageniella hattoriana* 1990

*Horikawaea redfearnii* 1995 with Lin

*Hyophila acutipocsii* 1993 with Iwatsuki

*Hypnum mittenohamatsum* 1992

*Macromitrium eddyi* 2015 with Shevock

*Macromitrium novorecurvulum* 2005 with Ho

*Mitthyridium iwatsukianum* 1987

*Ochrobryum herzogianum* 1988 with Mohamed

*Octoblepharum arthrocornoides* 2010 with Salazar

*Orthodontopsis bardunovii* 1992 with Ignatov

*Orthomitrium schofieldii* 1997 with Jia

*Papillidiopsis koponenii* 1990

*Papillidiopsis malesiana* 1989 with Buck

*Pilosimitra buckii* 2005 with Dauphin

*Pseudotaxiphyllum obtusifolium* 2004 with Iwatsuki

*Rhapidorrhynchium auneae* 2017 with Koponen & Norris

*Schlotheimia crumii* 1992

*Selaginella antimonamensis* 1981 with Jermy

*Selaginella pricei* 1981 with Jermy

*Sematophyllum brotheri* 1977 with Iwatsuki

*Splachnobryum temasekensis* 2004 with Ho & Seah

*Stereophyllum linisii* 2007 with Enroth

*Symblepharis guizhouensis* 1994 with Lin, Crosby & Wu

*Tayloria rudimenta* 2000 with Bai

*Tricholostium fleischeri* 2004 with Ho & Seah

*Tricholostium streimannii* 2007 with Koponen & Norris

*Trichostomum hattorianum* 1993 with Iwatsuki

*Trichostomum philippinense* 1979 with Iwatsuki

*Trichostomum sinochenii* 1995 with Redfearn

*Trichostomum zanderi* 1995 with Redfearn

*Weissia alianuda* 1992

*Yakushimabryum longissimum* 2001 with Akiyama, Chang & Yamaguchi

*Zygodon sibiricus* 1999 with Ignatov, Ignatova & Iwatsuki

#### **Varieties**

16

#### **HONORS**

##### **Awards**

Richard Spruce Award, International Association of Bryologists (2004)

##### **Genera**

*Tania* Egea, Torrente & Sipman 1995 (Lichenes)

*Benitotania* Akiyama, Yamaguchi & Suleiman 2003 (Musci)

#### **LINKS**

<http://asbp.org.ph/wp-content/uploads/2018/08/A-Tribute-to-Dr.-Benito-C.-Tan.pdf>

# Benito Viñes

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Benito José Viñes Martorell, Spanish-born Cuban meteorologist (Poboleda, Tarragona, Spain 19 September 1837 – La Habana 23 July 1893)

## ACHIEVEMENTS

Regarded as world's foremost authority on tropical cyclones

Authored 14 papers and 2 books

Enunciated 8 laws about cyclones being 2 laws of tropical cyclonic circulation and 6 laws of hurricane movement between them:

- . Cyclonic rotation in Northern Hemisphere is in counterclockwise
- . Relates the latitude in which cyclone recurves in according to date of season
- . The normal direction of tracks in distinct dates and latitudes
- . About translational velocities of cyclones

Investigaciones relativas a la Circulación y Traslacion Ciclonica de las Antillas (Cyclonic Circulation and Translatory Movement of Western Indian Hurricanes) 1895

Performed the first three-dimensional description of cyclones

Established parabolic shaped cyclonic track

Realized that the thin veil of cirrostratus clouds visible on the outer edges of a tropical cyclone was caused by the outflow of winds at high altitudes

Proposed a set of rules indicating the most likely geographically routes taken by storms during different phases of the hurricane season

Authored Ley General de las Corrientes Ciclonicas (General law of Cyclonic Currents)

Invented cyclonoscope and cyclononephescope

Demonstrated a method of cyclonic prediction based on observation of cirrus and other kinds of clouds

Presented the first notification of a tropical cyclone documented in history (1875)

## LINKS

<http://www.encyclopedia.com/doc/1G2-2830906172.html>

# Benjamin Oluwakayode Osuntokun

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Benjamin Oluwakayode Iseolorunpo Adisa Osuntokun, Nigerian neurologist (Okemesi, Ado-Ekiti 06 January 1935 – Cambridge, England 22 September 1995)

Authored 321 works

Discovered the basis of tropical ataxic neuropathy

Chronic cyanide intoxication and a degenerative neuropathy in Nigeria. Thesis. Ibadan University, 1969

Described with Italian L. Luzzatto & Nigerian neurosurgeon E. Latendu Odeku the Osuntokun syndrome

Congenital pain asymbolia and auditory imperception. J. Neurol. Neurosurg. Psychiat. 31:291-6, 1968

## HONORS

Langley Memorial Prize (1967-71)

# Benjamin Orozco

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Benjamín Orozco Espinoza, Salvadorean physical chemist (San Salvador 22 May 1868 – San Salvador 22 October 1941)

## METHODS

Ensayo de un procedimiento electro-colorimétrico para el desage de huellas de manganeso en las rocas

## DEVICES

Establecimiento de una válvula electrolítica de una sola cuba, con un dispositivo para hacer variar el voltaje entre límites determinados, para la transformación de las corrientes alternas bifásicas en corriente continua

Aparato inscriptor eléctrico para la determinación de la temperatura de fusión de ciertas sustancias

Probeta de doble brazo para análisis volumétrico con lectura instantánea de fracciones de milímetro

Balanza sensible para análisis cuantitativo, con dispositivo especial para pesadas rápidas

# Benjamin Peary Pal

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Benjamin Peary Pal, Indian plant geneticist and breeder (Mukundpur, Punjab 26 May 1906 – New Delhi 14 September 1989)

Authored over 160 scientific publications and 5 books

## DEVELOPED

NP700 and NP800 series (varieties of wheat) which combat a particular type of rust

N809 variety of wheat that can combat all 3 types of rust (1954)

More than 40 varieties of roses

## HONORS

*Benjpalia* Subramanian & Bhatt 1989 (Fungi)



# Benoy Krishna Tikader

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Benoy Krishna Tikader, Indian arachnologist (Joydhi, Khulna 01 July 1928 – Calcutta 12 August 1994)

Authored over 350 scientific papers

Described the valid genus *Vachonius* 1983 (with Bastawade) and at least 515 new arachnid species

## HONORS

*Tikaderia* Lehtinen 1967 (Arachnida)

# Bento Pickel

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Bento José Pickel, German-born Brazilian Benedictine monk and botanist (Markelsheim, Bad Mergentheim State 28 July 1890 – São Paulo 04 April 1963)

Authored over 130 scientific and popular papers

Dermatite purulenta produzida por duas espécies de *Paederus* sp. (Col. Staph). Rev. Entomol. 2(3):775-93, 1940

## DESCRIBED PLANTAE SPECIES

*Gossypiospermum crimeanum* 1958

*Mimosa coelho-de-moraesii* 1958 with Handro

*Myrocarpus leprosus* 1955

*Saranthe marcgravii* 1939

*Terminalia camuxa* 1958

*Terminalia mameluco* 1958

## HONORS

*Pickeliana* Mello Leitão 1932 (Arachnida)

# Bernardo Leo Wajchenberg

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Bernardo Leo Wajchenberg, Jewish Brazilian diabetologist and endocrinologist (São Paulo 06 April 1926 – São Paulo 21 August 2017)

From Polish father and Ukrainian mother

Authored over 200 books and 2 books

Showed the presence of brain embolism in patients with chronic Chagas disease

With I. Nussenzveig, A. Spina-França, R. Macruz, J. Timoner & L.G. Serra Azul. Acidentes vasculares cerebrais embólicos na cardiopatia chagásica crônica. Arq. Neuropsiqu. 11:386-402, 1953

With R.B. Radominski, P.G. Strassman & A. Halpern. Ultrasound as a new method of evaluation of body fat distribution. Intern. J. Obesity 19(2):22, 1995

## IMPORTANT PAPERS

Beta-cell failure in diabetes and preservation by clinical treatment. Endocrine Reviews 28:187-218, 2007

Subcutaneous and visceral adipose tissue: their relation to the metabolic syndrome. Endocrine Reviews 21:697-738, 2000

With E.R. Quintão, B. Liberman & A.B.U. Cintra. Antagonism between adrenal steroids and parathyroid hormone. J. Clin. Endocrin. Metab. 25(12):1677-81, 1965

With S.S. Fajans, L.H. Louis, A.R. Hennes, R.D. Johnson et al. Metabolic effects of sulfonylureas in normal men and in various types of diabetic patients. Annals New York Acad. Sciences 71(1):207-14, 1957

## Papers in renowned magazines

With G. Hoxter & R. Munglioli. Analysis of electrophoretic proteins. Nature 179:423-4, 1957

With G. Hoxter, E.H. Mello & A.B. Ulhoa Cintra. Non-esterified and esterified fatty acids in hepatocellular disease. Lancet 1:1218, 1960

## DESCRIBED NEW SYNDROMES AND OTHERS

With A.R. Hennes & A.B. Ulhoa Cintra. A syndrome characterized by hypothyroidism and galactorrhea. Port. Med. 44:693-702, 1960 (syndrome of amenorrhoea, galactorrhoea and primary hypothyroidism)

With F.J. Modesto, C. Ventrella, S.D. Giannini, B. Liberman & G. Hoxter. Lipoatrophic diabetes: a new variant characterized by tapeto-retinal degeneration, late onset, generalized lipoatrophy, insulin-resistant hyperglycemia and hyperlipidemia. Israel J. Med. Sciences 8(6):793, 1972

With D.A. Malerbi, M.S. Rocha, A.C. Lerario & A.T. Santomauro. Syndrome X: a syndrome of insulin resistance. Epidemiological and clinical evidence. Diabetes Metab. Rev. 10(1):19-29, 1994

With A.C. Latronico, J. Anasti, I.J. Arnhold et al. A novel mutation of the luteinizing hormone receptor gene causing male gonadotropin-independent precocious puberty. J. Clin. Endocrinol. Metab. 80(8):2490-4, 1995

With C.Y. Hayashiro, R.G. Gondo, C. Ferrari et al. Familial growth hormone deficiency with mutated GHRH receptor gene: clinical and hormonal findings in homozygous and heterozygous individuals from Itabaianinha. Eur. J. Endocrinol. 142((6):557-63, 2000 (clinical and hormonal characterization of this familial dwarfism)

## METHODS

With D.S. Freire, S.A.C. Siqueira, M.C.N. Zerbini et al. Development and internal validation of an adrenal cortical carcinoma prognostic score for predicting the risk of metastasis and local recurrence. Clin. Endocrin. 79(4):468-75, 2013

With V.C. Borghi & M. Nascimento. Rapid purification of radiolabeled glucagon with Sep-Pak R reversed phase cartridges (1989)

With V.C. Borghi, M. Nascimento & L.A. C. de Marco. A rapid method for purification of radiolabeled glucagon (1989)

With M.B. Mathor. A simplified method for the calculation of unbound or free testosterone by equilibrium dialysis of undiluted plasma. Clin. Chim. Acta 145(2):213-8, 1985

With V.C. Borghi & R.H. Albuquerque. Evaluation of a sensitive and specific radioimmunoassay for pancreatic glucagon in human plasma and its clinical application. Clin. Chim. Acta 136(1):39-48, 1984

With I. T. Toledo e Souza, H. Pinto & R.R. Pieroni. Heterogeneity of human plasma insulin: technics for separation of immunoreactive components and determination by radioimmunoassay. Rev. Hosp. Clin. Fac. Med. S. Paulo 33(3):136-48, 1978

With O.Z. Higa, I.T. de Toledo e Souza, R.R. Pieroni & H. Pinto. Standardization of radioimmunoassay technique for determination of plasma insulin and growth hormone (1974)

With R.H. Albuquerque. A simple technique for separation of cortisol metabolites by thin-layer chromatography and its application for the measurement of cortisol secretion rate. Arq. Bras. Endocrin. Metab. 16(3):183-90, 1967

With R.R. Pieroni & G. Hoxter. Preliminary mathematical model for glucagon-induced hepatic glycconeogeneolysis in man. Metab. Clin. Exp. 10:585, 1961

With I. Martirani, G. Hoxter, A.B. Ulhoa Cintra & I. Marian. Determination of polysaccharide hexoses and hexosamines in normal human sera. J. Lab. Clin. Med. 54:773-8, 1959

## HONOURS

Distinguished Physician Award, Endocrine Society (2007)

# Bernardo Ochoa

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bernardo Ochoa Arismendy, Colombian pediatric surgeon (Barbosa, Antioquia Department 14 August 1926 – Medellín 25 December 2016)

Discovered the urofacial syndrome or Ochoa syndrome (described by Elejalde)

Elejalde, B.R. Genetic and diagnostic considerations in three families with abnormality of facial expression and congenital urinary obstruction: the Ochoa syndrome. Am. J. Med. Genet. 3(1):97-108, 1979

## SOME BIBLIOGRAPHY

Trauma of the external genitalia in children: amputation of the penis and demasculation. J. Urol. 160:1116-9, 1998

Surgical complications of ascariasis. World J. Surg. 15:222, 1991

With R.J. Gorlin. Urofacial (Ochoa) syndrome. Am. J. Med. Genet. 27(3):661-7, 1987

## HONOURS

Invited, American Congress of Pediatrics (1990)

Visiting Scientist, University of Minnesota

Honorary Member, American Pediatric Surgical Association

International Guest Speaker, Urology Section of American Academy of Pediatrics Annual Meeting (1992)

# Bhim Shanker Trivedi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bhim Shanker Trivedi, Indian botanist and paleobotanist (03 May 1923 – 18 February 2013)

## DESCRIBED FOSSIL GENERA

### Plantae

*Aesculoxylon* 1982 with Srivastava

*Aglaioxylon* 1982 with Srivastava

*Bauhinium* 1986 with Panjwani

*Cannaites* 1971 with Verma

*Dysoxydendron* 1978 with Misra

*Echinocarpoxyton* 1979 with Srivastava

*Flacourtioxylon* 1986 with Srivastava

*Glycerioxylon* 1982 with Bajpai

*Heliconiaites* 1972 with Verma

*Hibiscoxylon* 1971 with Ambwani

*Hygrorhizos* 1985 with Srivastava & Bajpai

*Jussiaeoidiorhizos* 1975 with Chandra & Agarwal

*Leptospermatoxylon* 1973 with Verma

*Nymphaeocaulon* 1971 with Ambwani

*Oleoxylon* 1981 with Srivastava

*Pangioxylon* 1982 with Srivastava

*Pentacmeoxylon* 1979 with Ahuja

*Sabalocaulon* 1981 with Verma

*Schreberoxylon* 1982 with Srivastava

*Vaterioxylon* 1977 with Misra

*Voyrioseminites* 1972 with Chaturvedi

*Ximenioxylon* 1982 with Srivastava

*Zizyphoxylon* 1982 with Srivastava

### Others

*Aascodesmisites* 1973 with Chaturvedi & Verma

*Aspergillites* 1969 with Verma

*Lattisoporites* 1970 with Misra

*Macrophominites* 1979

*Malayaeaspora* 1981 with Ambwani & Kar

*Staginospora* 1971 with Verma

*Trabeculosporites* 1970 with Misra

# Bibiano Fernandez Osorio y Tafall

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Manuel Ramón Bibiano Fernandez Osorio y Tafall, Spanish / Mexican hydrobiologist and economist (Pontevedra 03 December 1902 – Ciudad de Mexico 13 August 1990)

Authored over 200 scientific works on hydrobiology and natural resources

## DESCRIBED TAXA

### Family

Lophodiniaceae 1942 (Dinoflagellata)

### Genus

*Microdiaptomus* 1942 (Crustacea)

### Species

#### Crustacea

*Leptodiaptomus cuauhtemoci* 1941

*Microdiaptomus cokeri* 1942

#### Dinoflagellata

*Ceratocorys alleni* 1940

*Lophodinium dadayi* 1942

*Parahistioneis pieltaini* 1942

*Prorocentrum mexicanum* 1940

*Tintinnopsis campbelli* 1941

#### Protozoa

*Climacocylis balboana* 1941

*Codonellopsis colombiana* 1941

*Coxiella bolivari* 1941

*Daturella beltrani* 1941

*Luminella neocalifonica* 1941

*Petalotricha kofoidi* 1941

*Rhabdonella spiroides* 1941

*Schmidingerella mexicana* 1941

*Senosemella acapulcensis* 1941

*Senosemella nicaraguensis* 1941

*Trachelomonas amphoriformis* 1942

*Trachelomonas beltrani* 1942

*Trachelomonas spectabilis* 1942

*Trachelomonas veracruzana* 1942

*Xistonella americana* 1941

## HONOURS

*Tafallia* Bonet 1946 (Collembola)

*Osorioichthys* Casier 1954 (Fossil Pisces)

# Birbal Sahni

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Birbal Sahni, Indian geologist and palaeobotanist (Bhera, Shahpur District, West Punjab 14 November 1891 – Lucknow 10 April 1949)

Brother of geologist Mulk Raj Sahni and uncle of paleontologist Ashok Sahni

Made improvements in the technique of studying fossil plants

Discovered Pentoxyleae (1947), a new group of fossil gymnosperms

## DESCRIBED FOSSIL PLANTAE GENERA

*Asterochlaenopsis* 1930

*Austroclepsis* 1932

*Barakaria* 1920 with Seward

*Buriadia* 1920 with Seward

*Cyclanthodendron* 1944 with Surange

*Enigmocarpon* 1937

*Indostrobus* 1931

*Massulites* 1943 with H.S. Rao (Sporae)

*Moranocladus* 1926 with Seward

*Nipaniophyllum* 1948

*Ontheodendron* 1933 with A.R. Rao

*Palaeosordaria* 1943 with H.S. Rao

*Pataloxylon* 1920

*Pondicherria* 1933

*Rajmahalia* 1934 with A.R. Rao

*Rodeites* 1943

*Sausarospermum* 1934 with Srivastava

*Takliostrobus* 1931

*Viracarpon* 1934

## HONORS (Fossil)

*Birbalsahnia* Bajpai & Maheshwari 1991 (Plantae)

*Sahnia* Vishnu-Mittre 1953 (Plantae)

*Sahnites* Pant 1955 (Sporae)

*Sahnianthus* Shukla 1944 (Plantae)

*Sahnipushpan* Shukla 1950 (Plantae)

*Sahnispermum* Manik 1993 (Plantae)

*Sahnisporites* Bhardwaj 1965 (Sporae)

*Sahnioxylon* Bose & Sah 1955 (Plantae)

*Sahniocarpon* Chitaley & Patil 1973 (Plantae)

*Birbalina* Sahni 1955 (Foraminifera)

*Birbalomys* Sahni & Khare 1973 (Mammalia)

His wife, Savitri Sahni, (19 September 1902 – Lucknow 26 April 1985), headed the Institute of Paleobotany of Lucknow (1949–69) after the death of founder Birbal Sahni

## HONORS (Fossil)

*Savitrisporites* Bhardwaj 1956 (Sporae)

*Savitrinia* Nagy 1966 (Acritarcha)

*Savitrispermum* Manik 1987 (Plantae)

# Blanka Wladislaw

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Blanka Wladislaw, Polish-born Jewish Brazilian organic chemist (Warsaw, Poland 03 June 1917– São Paulo 21 January 2012)

Nee Blanka Wertheim

Emeritus Member, Chemical Society of London (2001)

NEW REACTIONS, METHODS, ETC.

With L. Marzorati, M.A. Bueno, C.D. Vitta & G. Barazzzone. New methodology for the preparation of N-tosyl aziridine-2-carboxylates. *Tetrahedron Letters*, 48: 6509-6513, 2007.

With C.D. Vitta, N.F. Claro Jr & L. Marzorati. New decarboxylative sulfenylation of some phenylsulfonyl arylacetic acids. *Phosphorus Sulfur And Silicon*, 161: 1-7, 2000.

With C.D. Vitta & L. Marzorati. Reactivities of carbonyl-activated angular and vinyl chlorine substituents in chloroanyl-cyclopentadiene adduct toward nucleophiles. Synthesis of new 1,4-benzoquinones containing an unusual ortho pattern of substitution. *Synthetic Communications* 30(18): 3413-3422, 2000.

With J. O. F. Melo, E. H. T. Pereira, C. L. Donnici & L. Marzorati. A novel and easy de-ethoxycarbonylation of alpha-substituted malonic esters. *Synthetic Communications*, 28(22): 4179-4185, 1998

With F.C. Biaggio & A.R. Rufino. Synthesis of new aze-thiaprotaglandins. In: VIII Brazilian Meeting on Organic Synthesis, 1998, São Pedro, S.P. p. 141-141., 1998

With M. Mikolajczik, W. H. Midura, F.C. Biaggio, L. Marzorati, M. W. Wierorek & J. Blasczyk. Alpha-Phos-phoryl sulfoxides. XI. Sulfenylation of alpha-phosphoryl sulfoxides and a general synthesis of optically active ketene dithioacetal mono-S-oxides. *Tetrahedron (Oxford)*, 53: 2959-2972, 1997

With L. Marzorati, N.F. Claro Jr, & C.D. Vitta. A new methodology for obtaining alpha-oxo ester equivalents: sulfanylation of alpha-sulfonyl carboxylic esters in solid/liquid phase transfer catalytic system. *Synthesis*, 420-422, 1997

With L. Marzorati, C.D. Vitta et al. Novel stereoselective addition of some nucleophiles to 2,3-bis(methylsulfonyl)norbornenobenzoquinone. *Tetrahedron Letters* 38:2625-2628, 1997.

With L. Marzorati, C.D. Vitta & N.F. Claro Jr. New methodology for obtention of some alpha-methylsulfonyl sulfones. *Synthetic precursors of carbonyl compounds. Synthetic Communications* 26(18): 3485-3490, 1996.

With C. L. Donnici, J. O. F. Melo & L. Marzorati. Novo método para descarboxilação rápida e seletiva de malonatos substituídos. In: 19a Reunião Anual da SBQ, 1996, Caxambu, M.G. p. 129, 1996

With R. M. A. Neves, L. Marzorati & C.D. Vitta. A new method of sulfanylation of alpha-sulfonyl thioesters. In: VII Brazilian Meeting on Organic Synthesis, 1996, Rio de Janeiro, R.J.. PS-124, p. 150, 1996

With M. C. Mattos, L. Marzorati & C.D. Vitta. A new approach to the mechanism of asymmetric Michael addition of acetamidomalonate to chalcone using phase transfer chiral catalyst. In: VII Brazilian Meeting on Organic Synthesis, Rio de Janeiro, R.J. PS-133, p. 159-159, 1996

L. Marzorati, V.F. T. Russo, M. H. Zaim & C.D. Vitta. Novel reaction: decarboxylative Ramberg-Bäcklund rearrangement in some alpha-isopropyl sulfonyl carboxylic esters. *Tetrahedron Letters* 36: 8367-8370, 1995.

With L. Marzorati, I. P. A. Campos & C.D. Vitta. Determination of the configuration of a new tris(methyl-sulfonyl)-substituted benzoquinone-cyclopentadiene adduct using NOE difference <sup>1</sup>H NMR spectroscopy. *Journal of Chemistry Research*, 438-439, 1994.

With F.C. Biaggio & L. Marzorati. Nova sulfenilação diastereosseletiva de algumas alfa-metilsulfinil acetofenonas em catálise por transferência de fase. In: 17a Reunião Anual da SBQ, Caxambu, M.G. p. Q094-Q094, 1994

With V. F. T. Russo & L. Marzorati. A new synthesis of some styrenes and tetraalkyl-alkenes . In: 6th Brazilian Meeting on Organic Synthesis, São Paulo, S.P. 1994

With I. P. A. Campos, L. Marzorati & C.D. Vitta. A new route to alpha-methylthio alkyl phenyl sulfones. In: 6th Brazilian Meeting on Organic Synthesis, São Paulo, S.P., 1994

With L. Marzorati & F.C. Biaggio. Novel uncatalyzed thermal Pummerer rearrangements. *Journal of Organic Chemistry* 58:6132-6134, 1993.

With L. Marzorati & C. L. Donnici. New decarboxylation, de-ethoxycarbonylation and desulfonylation, followed by sulfenylation of some half-esters of malonic acids and alpha-sulfonylmalonic esters. *Journal of the Chemical Society-Perkin Transactions* 1, 3167-3170, 1993.

With L. Marzorati & I. P. A. Campos. Some new heteroatom monosubstituted benzoquinone- cyclopentadiene Diels-Alder adducts. *Anais da Academia Brasileira de Ciências* 64(3): 225-229, 1992.

With L. Marzorati & F.C. Biaggio. DABCO: Um novo reagente para descarboxilação e dessulfonilação sulfenilativas. In: Anais 6o Encontro Regional da SBQ-MG, Belo Horizonte, M.G., p. 13, 1992

With L. Marzorati & C.D. Vitta. New decarboxylative sulfenylation of the alpha-sulfonyl carboxylic acids. In: 15th International Symposium of Organic Chemistry of Sulfur, Caen, 1992

With L. Marzorati & C.D. Vitta. New reduction of some sulfinyl carboxylic esters with sodium borohydride. *Phosphorus Sulfur And Silicon* 62:225-229, 1991.

With L. Marzorati & G. Ebeling. Alpha-(Methyl-thio)benzyl sulfones as synthetic intermediates. Part IV. Some new o-, m- and p-substituted alpha-(methylthio)- and alpha, alpha'-bis-(methylthio)-benzyl sulfones. *Phosphorus Sulfur And Silicon* 48:163-167, 1990.

With L. Marzorati & J. Gruber. New alpha-sulfinyl-thioesters, as precursors to thioacrylates. *Synthetic Communications* 20(18):2937-2944, 1990.

With L. Marzorati & G. Ebeling. New Synthesis of some orto-substituted 1-deuterio-benzaldehydes. In: 13a Reunião Anual da SBQ, Caxambu, S.P. p. Q0012, 1990

With L. Marzorati, C.D. Vitta & I. P. A. Campos. Some new sulfur and selenium substituted benzoquinone-cyclopentadiene Diels-Alder adducts. Part II. Monosubstituted adducts. *Phosphorus Sulfur And Silicon* 47:153-156, 1990.

With L. Marzorati, J. Gruber & M.H. Zaim. New synthesis of vinyl sulphides. In: 3rd Brazilian Meeting on Organic Synthesis, São Carlos, S.P., 1989

With L. Marzorati, S. Lima Neto & C.D. Vitta. New sulfoxides in the dimethylthio-enedione systems . *Anais da Academia Brasileira de Ciências* 59: 9-12, 1987.

With L. Marzorati & R. B. Uchoa. Alpha-(Methylthio) benzyl sulfones as synthetic intermediates. III. A new route to p-substituted phenyl alkyl ketones. *Phosphorus And Sulfur*, 32: 87-89, 1987.

With L. Marzorati & R. B. Uchoa. A novel thermal decomposition of alpha-methylthiobenzyl phenyl sulfones. Synthesis of p-substituted 1-deuteriobenzaldehydes. *Synthesis*, 964-966, 1986

With L. Marzorati, R. B. Uchoa & H. Viertler. Some new alpha-monosulfonylated benzyl phenyl sulfones; versatile intermediates for the synthesis of p-substituted benzaldehydes. *Synthesis* 553-555, 1985.

With L. Marzorati & C.D. Vitta. Some new sulfur and selenium substituted benzoquinone-cyclopentadiene . *Phosphorus And Sulfur* 25:147-154, 1985.



With L. Marzorati & R. B. Uchoa. Algumas novas sulfonas alfa-mono-sulfeniladas, versáteis intermediários para síntese de benzaldeídos-p-substituídos . In: Session of Academia Brasileira de Ciências, São Paulo, S.P, 1985

With L. Marzorati & C.D. Vitta. New sulphur and selenium 2,3-substituted benzoquinone-cyclopentadiene adducts . In: Fifth Conference on Organic Synthesis, Freiburg, 1984

With L. Marzorati & S. Lima Neto. Some new mono- and di-sulfur substituted xiloquinones . In: XI Symposium of Organic Sulfur Chemistry, Lindau, 1984.

With L. Marzorati & C.D. Vitta. Some new 2,3-dialkylthio-1,4-benzoquinones. Synthesis, 464-466, 1983.

With L. Marzorati & C.D. Vitta. Síntese de novos adutos de Diels-Alder 2,3-dialquiltio-substituídos . Ciência e Cultura, 35: 413-413, 1983

With L. Marzorati & C.D. Vitta. Some new 2,3-sulphur-substituted benzoquinone-cyclopentadiene adducts . In: Fourth International Conference on Organic Synthesis, IUPAC, Tokyo, 1982

With P. R. Olivato, R. M. Fabbrini & R. Cahen. Novo método de obtenção de tiolactonas alfa-substituídas. Ciência e Cultura 29: 405, 1977

With L. Marzorati. Sulphenylation of sulfoxides. A new one-step syntheses of ethylthiomethyl sulfoxides . Anais da Academia Brasileira de Ciências 51(2):245-247, 1979.

With A. Giora. Alpha-Ethoxy, 4-nitrophenylacetic acid and a new mixed acetal of 4-nitrobenzaldehyde . Journal of the Chemical Society-Perkin Transactions 1, 5747-5747, 1968.

With H. Viertler. Absorção no ultravioleta de alguns novos alquiltioacetatos . Ciência e Cultura, 21: 197-197, 1969

With P. R. Olivato. Novas reações com ortotioformiato de etila. Ciência e Cultura, 1968. 20:135, 1968

With H. Viertler. Novo método de obtenção de tiobutiolactonas . In: XVI Congresso de Química da Associação Brasileira de Química, Campinas, S.P., 1967

With H. Viertler. Novas tiolactonas estáveis . In: Associação Brasileira de Química. VIII Reunião da Divisão de Química Orgânica e Bioquímica, Guanabara, R.J., 1966

With M. L. Mello. Uma nova cisão alcalina da ligação carbono-enxofre em ésteres de alguns ácidos alquiltiodifenilacéticos . In: Associação Brasileira de Química. VIII Reunião da Divisão de Química Orgânica e Bioquímica, Guanabara – R.J., 1966.

With H. Viertler. A novel anodic oxidation. Chemistry And Industry, 39-39, 1965

With A. Giora. 2,4-Dinitrofenil-alfa-bromomalonato de etila e uma nova síntese do ácido 2,4-dinitrofenilacético. Anais da Associação Brasileira de Química, 17-21, 1963

With H. Viertler. 2,3-Dinitrofenil, alfa-bromomalonato de etila e uma nova síntese do ácido 2,4-dinitrofenilacético . Anais da Associação Brasileira de Química 22:17, 1963

A novel interchange anodic reaction . Chemistry And Industry, 1868-1868, 1962.

With H. Hauptman. Síntese de alguns novos tiobenzoatos e tioacetatos de alquila de cadeia comprida . Ciência e Cultura 5: 137-137, 1953.

# Boyle Chunder Sen

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Boyle Chunder Sen, Indian clinician (fl.1887-93)

Described Indian childhood cirrhosis or Sen syndrome

Infantile cirrhosis. Indian Med. Gaz. 22:338, 1887

Authored Nubile Age of Females in India, physiologically treated (1890)

# Brian Roy Stuckenberg

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Brian Roy Stuckenberg, South African entomologist (Eastern Cape 07 April 1930 – Natal 08 February 2009)

From Danish descent

Authored over 100 works

With his wife Pamela Jean Usher Stuckenberg developed some novel collecting techniques for Tabanidae

## DESCRIBED DIPTERA TAXA

### Families

Athericidae 1973

Bolbomyidae 2001

Errinidae 1956

### Genera

*Afrominettia* 1971

*Afrothaumalea* 1960

*Alhajarmyia* 2003

*Australauxania* 1971

*Cainohomoneura* 1971

*Curupirina* 1970

*Dyticomyia* 1971

*Eupaulianina* 1956

*Isalomyia* 2002

*Mettinia* 1971

*Micropachycerina* 1971

*Namamyia* 2000

*Namaquamyia* 2002

*Neonamyia* 1971

*Nesocurupira* 1970

*Nimettia* 1971

*Pandasyophthalmus* 1954

*Perianthomyia* 1996

*Procestratus* 1971

*Prosamyza* 1971

*Pseudoprochaetops* 1971

*Succinatherix* 1974

*Suraginella* 2000

*Teratalauxania* 1971

*Tongamyia* 1966

*Trichacantha* 1955

*Vermilynx* 1995

*Vermipardus* 1960

*Xeritha* 1966

*Zanjensiella* 1971

### Species

About 160

## HONORS

*Stuckenbergiana* Scherer 1963 (Coleoptera)

*Stuckenbergiella* Cogan 1971 (Diptera)

*Stuckenbergina Oldroyd* 1962 (Diptera)

*Stuckenbergiola* Lindner 1965 (Diptera)

*Stuckenbergomyia* Smith 1971 (Diptera)

*Stuckenberginiella* Zwick & Mary Sasal 2010 (Diptera)

*Callostuckenbergia* Lehrer & Lehrer 1992 (Diptera)

*Brianmyia* Woodley 2012 (Diptera)

#### **LINKS**

<http://africaninvertebrates.org/article/viewFile/23/23>

# brother Niceforo Maria

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Antoine Rouhaire most known as Brother Niceforo Maria, French-born Colombian missionarian and naturalist (Lavoute-Chilhaa village, Haute-Loire 28 February 1888 – Fusagasugá, Cundinamarca 24 February 1980)

Collected extensive biological material from Colombia and sent it to other researchers from which described 9 new genera (6 of them in Arachnida) and more than 130 new species as plants, arachnids, crustaceans, fishes, reptiles, amphibians, birds and fossils

Described two new Reptilia species *Micrurus sangilensis* 1942 & *Synopsis lasallei* 1950

## HONORS

*Niceforoceras* Basse 1948 (Ammonites)

*Niceforoiellus* Mello Leitão 1941 (Arachnida)

*Niceforonia* Goin & Cochran 1963 (Amphibia)

# Bruno Carlos Palombini

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bruno Carlos Palombini, Brazilian pneumologist (Rio Grande do Sul State c.1935 – Porto Alegre 06 June 2015)

Authored over 290 papers and 4 books

## ACHIEVEMENTS

With P.R.K. Souza. A new technique for improving the reproducibility of rate of sweating and sweat composition in the diagnosis of cystic fibrosis (1970)

With P.R.K. Souza. Cystic fibrosis: an improved diagnostic method utilizing constant current iontophoresis (1972)

Proposed a pulmonary cycle for *Mammomanogamus laryngeus*

With L.C. Severo, L.M. Conci, J.J. Camargo & M.R. André Alves. Syngamosis: two new Brazilian cases and evidence of a possible pulmonary cycle. Trans. Royal Soc. Trop. Med. Hyg. 82(3):467-8, 1988

With D.V. Godoy, C.S.O. Palombini & C.S. Martins Filho. Recognition of the type and pattern of bronchial asthma: suggestion of adoption of new classification upon the analysis of 258 cases. Chest 100:59, 1991

Proposed a progressive protocol for asthma control

With L.C.C. da Silva, J.L. Hetzel, L.M.C. da Silva & P.G. Cardoso. Um milagre na pneumologia: a solução terapêutica para os asmáticos. Rev. Med. Santa Casa 9(16):1651-61, 1998

Showed definitely the triad in chronic cough

With C.A.C. Villanova, E. Araújo, O.L. Gastal, D.C. Alt, D.P. Stolz & C.O. Palombini. A pathogenic triad in chronic cough. Asthma, postnasal drip syndrome and gastroesophageal reflux disease. Chest J. 116(2):279-84, 1999

Coined the term Airwayology to describe an integrated view of airway diseases

With N.S. Porto, E. Araújo & D.V. Godoy. Doença das vias aéreas: uma visão clínica integradora (Viaerologia) (2001)

## HONOURS

Visiting Professor, University of Pennsylvania

Who's Who in the World (1996)

# Bruno Petriella

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Teofilo Bruno Pascual Petriella, Argentine paleobotanist (1943 – 1984)

## DESCRIBED FOSSIL PLANTAE TAXA

### Order

Corytospermales 1981

### Genera

*Austrostrobus* 1973 with Morbelli

*Bororoa* 1972

*Euxylophoroxylon* 1972

*Menucoa* 1969

*Weinmannioxylon* 1972

### Species

*Austrostrobus ornatum* 1973 with Morbelli

*Bororoa andreisii* 1972

*Bororoa anzulovichii* 1972

*Bridelioxylon americanum*

*Bumbudendron millanii* 1985 with Arrondo

*Dicroidium lancifolium* 1978

*Elaeocarpoxylon sloaneoides* 1972

*Euxylophoroxylon chiquichanensis* 1972

*Goepfertella herbstii* 1982 with Arrondo

*Lycopodiopsis millanii* 1979 with Arrondo

*Medullopitys menendezii* 1983

*Menucoa cazauii* 1969

*Podocarpoxylon mazzonii* 1972

*Rhizophoroxylon spallettii* 1972

*Umkomasia speciosa*

*Weinmannioxylon multiperforatum* 1972

*Weinmannioxylon pluriradiatum* 1972

## HONORS (Fossil Plantae)

*Petriellaea* T.N.Taylor, del Fueyo & E.L. Taylor 1994

*Brunoa* Artabe, Zamuner & Stevenson 2004

# Bruno Rangel Pestana

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Bruno Rangel Pestana, Brazilian biomedical scientist (São Paulo 15 September 1881 – São Paulo 05 December 1971)

Authored 49 scientific works (until 1951)

## ACHIEVEMENTS

Developed a serum for bubonic plague

With Vital Brazil prepared anti *Elaps* serum and noted that species presenting great sensibility to venoms are that which produce more antibodies (1910)

With Sebastião de Camargo Calazans developed agar-lactose-rosolic acid Calazans-Rangel Pestana medium for bacilli

Emprego do acido rosolico no isolamento e identificação dos bacilos do grupo colí-tífico-disentérico em meios sólidos. Mem. Inst. Butantan 7:283, 1932

Discovered etiologic agent of nambyuvú or canine rangeliosis named *Rangelia vitalii* in his honor

O nambyuvú. Rev.Med. S. Paulo 22:423-6, 1910

## PATENTS

With R. Hottinger. Um novo processo e dispositivo para esterilizar água e outros líquidos (nº10.843) 1920

## HONORS

*Rangelia* Carini & Maciel 1914 (Protozoa: Apicomplexa)



# Buenaventura Suarez

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Buenaventura Suarez Lencinas, Argentine Jesuit missionary, geographer and astronomer (Santa Fe de la Veracruz 03 September 1679 – Uruguay 24 August 1750)

Authored a lunar calendar covering 101 years named Lunario de un Siglo (1744) which was praised by famous Swedish scientists like Anders Celsius and Per Wargentin

Authored astronomical works (about Venus transit) submitted to Philosophical Transactions of the Royal Society of London (1748-9) being the first scientific work of American continent in specialized magazines

Performed astronomical observations on comets, lunar eclipses, latitude determinations and other astronomical data highly praised by many European scientists

Studied the behavior of Jovian, Mars and Venus satellites, Saturn rings and lunar surface along 13 years (1726-9)

Created celestial maps

Improved the process for smelting church bells

Developed a method of preparing chocolate

Developed a method for cutting and polishing quartz stones

# C.R. Narayan Rao

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

C.R. Narayan Rao, Indian herpetologist and ichthyologist (Coimbatore 15 August 1882 – Bangalore 02 January 1960)

## DESCRIBED VERTEBRATE TAXA

### Amphibia

#### Genus

*Ramanella* 1925 with Ramanna

#### Species

*Duttaphrynus brevirostris* 1937

*Fejervarya modesta* 1920

*Indirana longicrus* 1937

*Indirana tenuilingua* 1937

*Micrixalus elegans* 1937

*Micrixalus kottigeharensis* 1937

*Micrixalus narainensis* 1937

*Micrixalus swamianus* 1937

*Nyctibatrachus kempholeyensis* 1937

*Nyctibatrachus sanctipalustris* 1920

*Nyctibatrachus sylvaticus* 1937

*Ramanella anamalaiensis* 1937

*Ramanella minor* 1937

*Ramanella marmorata* 1937

*Ramanella triangularis* 1918

*Ramanella variegata* 1918

*Raorchestes charius* 1937

*Sphaerotheca leucorhyncha* 1937

*Zakerana mysorensis* 1922

*Zakerana parambikulamana* 1937

*Zakerana sauriceps* 1937

### Pisces

#### Species

*Botia striata* 1920

*Garra bicornuta* 1920

*Garra platycephala* 1920

*Nemachilichthys shimogensis* 1920

## HONORS

*Raorchestes* Biju, Shouche, Dubois, Dutta & Bossuyt 2010 (Amphibia)

# Cadambathur Tirunvenkatacharlu Rajagopal

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cadambathur Tirunvenkatacharlu Rajagopal, Indian mathematician (Triplicane, Madras 08 September 1903 – Madras 25 April 1978)

Authored 80 papers

Recorded relations between certain classical limit theorems (1947)

Proved and/or extended Tauberian theorems

Gave an analogue of Edmond Landau's theorem on partial sums of Fourier series

Eponym of Rajagopal lemma

# Calyampudi Radhakrishna Rao

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Calyampudi Radhakrishna Rao, Indian statistician and mathematician (Hwuina, Hadagalli Village, Bellary District, Karnataka State 10 September 1920 – Respected as one of great statisticians of 20<sup>th</sup> century

## ACHIEVEMENTS

Authored over 350 research papers and 14 books  
Devised the criterion of second order efficiency  
Established optimal properties of maximum likelihood estimation  
Introduced differential geometric concepts in statistical inference and appear  
Introduced analysis of dispersion in multivariate analysis (MANOVA)  
Enunciated concept of orthogonal arrays of strength d (1949)  
Created Rao efficient score test (1947)

## HONORS

Wilks Medal, American Statistical Association (1989)  
National Medal of Science, United States (2002)  
Mahalanobis International Award, International Statistical Institute (2003)  
Guy Medal, Royal Statistical Society, United Kingdom (2011)

## EPONYMY

Cramer-Rao inequality (1945)  
Rao distance  
Blackwell-Rao theorem or Rao Blackwellization (1945)  
Rao-Blackwell estimator  
Lehman-Scheffe-Rao theorem  
Cramer-Rao bound  
Cramer-Rao functional  
Fisher-Rao theorem  
Fisher-Rao metric  
Rao measure  
Rao theorem  
Neyman-Rao test  
Rao least squares  
Rao covariance structure  
Rao U test  
Rao F test  
Rao paradox  
Rubon-Rao theorem  
Lau-Rao theorem  
Lau-Rao-Shanbhag theorems  
Rao-Yanoi generalized inverse theorem  
Rao-Khatri-Linnik-Shanbhag theorems on characterization of probability models  
Kagan-Linnik-Rao theorem  
Guttman-Rao relationships (1948)  
Rao generalized inverse of a matrix  
Rao quadratic entropy

# Camille Torrend

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Camille Torrend, French-born Brazilian father and mycologist (St Privat d'Allier, Haute Loire 21 June 1875 – Salvador 24 June 1961)

## DESCRIBED FUNGI TAXA

### Valid Genera

*Botryochora* 1914

*Menezesia* 1913

*Sclerodermatopsis* 1923

*Vermiculariopsis* 1912

### Species

105

## HONORS

*Torrendiella* Boudier & Torrend 1911 (Fungi)

# Candido Lima da Silva Dias

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Candido Lima da Silva Dias, Brazilian mathematician (Mococa, São Paulo State 31 December 1913 – São Paulo 15 September 1998)

Published Espaços vetoriais topológicos e sua aplicação nos espaços funcionais analíticos Boletim da Soc. Mat. De São Paulo 5:1-58, 1950, where introduced topological vector spaces to analytic functionals theory and resulted in eponym Köthe-Silva Dias-Grothendieck duality

## SOME BIBLIOGRAPHY

Sobre o conceito de funcional analítico. Anais Acad. Bras. Ciencias 25(1), 1942

Sobre a regularidade dos funcionais definidos no campo das funções localmente analíticos. Doctoral Thesis (1942)

O conceito de funcional analítico e a aplicação da teoria dos funcionais analíticos ao estudo de sua solução de uma equação diferencial de ordem infinita. Anais Acad. Bras. Ciencias (1943)

Estudo sobre as homografias (1943)

Sobre a continuidade dos funcionais analíticos. Bol. Soc. Mat. São Paulo 3(1), 1951

## HONOURS

Research Fellow in Mathematics, Harvard University (1948)

Research Associate, Chicago University (1948)

# Candido Patiño Mayer

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Candido Patiño Mayer, Argentine physician (Buenos Aires 04 December 1884 – 1948)

## DESCRIBED NEW CLINICAL SIGNS (e.g. Patiño-Mayer sign)

Dilatation of colon as habitual cause of chronic constipation: two roentgenographic signs. *La Semana Medica* 1:179-83, 1932

El megacolon como una causa habitual de constipación crónica (a propósito de dos signos radiológicos)

With A.C. Gourdy. Linfocitosis sanguínea em lós sífilíticos (signo diagnostico y pronostico)

## SOME BIBLIOGRAPHY

Sífilis pulmonar. *La Semana Medica* (1916)

La tuberculosis febril y la tuberculina. *Semana Medica* 2:377, 1917

Síndrome esplacno-hepato-hemático por paludismo oculto. Caso de paludismo autóctono de la ciudad de Buenos Aires o sus alrededores. *Rev. Ass. Med. Arg.* (1921)

With E.S. Mazzei. Asistolia. Síndrome de asistolia por estenosis de cavidad ventricular derecha consecutiva a desviación del tabique interventricular. Síndrome de Bernheim. *Rev. Med. Latinoam.* 13:2015, 1928

With E.S. Mazzei. "Ventricule gauche em oeuf" y síndrome de Bernheim. *Rev. Med. Latino Am.* 1317, 1928-9

Estrechez mitral pura y edema agudo del pulmón. *Arch. Cardiol. Hematol.* 10(5):173-84, 1929

Falsa enfermedad de Bouillaud que oculta el desenvolvimiento de um carcinoma primitivo del pulmón. *Rev. Ass. Med. Arg.* 45:4, 1933

With F.C. Pataro. Hemoneumotorax espontaneo. *Rev. Ass. Med. Arg.* XLVIII:413, 1934

With A. Rossi & D. Boccia. La reviviscencia mamaria en el hombre. *Anales Biotipol. Eugenesia Med. Social* 2(30), 1934

With C.A. Marchese. Importancia del procedimiento disteroarsenical en el tratamiento de las colitis amebianas (1936)

With A. Marchese. Neumotorax espontaneos. *La Semana Medica* (1939)

With L. Lepera & F.C. Pataro. Caracteres del complejo ventricular precordial en los trazados electrocardiograficos com desviación del eje electrico a izquierda. *Rev. Arg. Cardiol.* (1943-4)

With A. Vazquez. Sífilis pulmonar asmatiforme. *Arch. Urug. Med. Cir. Espec.* 7:377, 1945

# Carl August Wilhelm Schwacke

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carl August Wilhelm Schwacke, German-born Brazilian botanist and explorer (Alfeld, Lower Saxony State 29 July 1848 – Barbacena, Minas Gerais State 11 December 1904)

## DESCRIBED VALID PLANTAE TAXA

### Genera

*Mezia* 1891

*Amburana* 1894 with Taubert

### Species

*Beilschmiedia taubertiana* 1892

*Cinnamodendron dinisii* 1898

*Cinnamomum taubertiana* 1895 with Mez

*Coccoloba cereifera* 1898

*Diplusodon koehnei* 1900

*Heisteria silvianii* 1900

*Iryanthera paradoxa* 1886

*Lavoisiera caparaoensis* 1891

*Lavoisiera senaei* 1900

*Maytenus muelleri* 1886

*Mezia araujoii* 1891

*Mezilaurus lindaviana* 1892 with Mez

*Microlicia schreinerii* 1891 with Cogniaux

*Myrcia caparoana* 1908

*Myrsine congesta* 1898

*Ocotea abbreviata* 1892 with Mez

*Quiina magallano-gomesii* 1898

## HONORS

*Schwackaea* Cogniaux 1891 (Melastomataceae)



# Carlos Alberto Campos Seabra

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Alberto Campos Seabra, Brazilian entomologist (Rio de Janeiro 05 September 1916 – 25 March 2001)

## DESCRIBED TAXA

### Tribe

Basipterini 1987 with Fragoso & Monné (Coleoptera)

### Genera

*Costalimacris* 1988 & *Limacridium* 1988 with Carbonell (Orthoptera)

*Gnathopraxithea* 1985 with Tavakilian (Coleoptera)

### Species

#### Orthoptera

*Aegimia alvarengai* 1956 with Costa Lima

*Costalimacris neotropica* 1988 with Carbonell

*Limacridium viridis* 1988 with Carbonell

#### Coleoptera

*Basiptera castaneipennis* 1987 with Fragoso & Monné

*Gnathopraxithea sarryi* 1985 with Tavakilian

*Melzerella costalimai* 1961

*Meroscelisus thoracicus* 1942

*Montesia bosqi* 1961

*Nilio barthi* 1954 with Costa Lima

*Stictosomus espiritosantensis* 1942

*Thaumasus gigas* 1987 with Fragoso & Monné

#### Hemiptera

*Apiomerus bosqi* 1952 with Costa Lima & Hathaway

*Apiomerus carvalhoi* 1951 with Costa Lima & Hathaway

*Apiomerus chinai* 1951 with Costa Lima & Hathaway

*Apiomerus hagmanni* 1951 with Costa Lima & Hathaway

*Apiomerus luctuosus* 1951 with Costa Lima & Hathaway

*Apiomerus mayi* 1951 with Costa Lima & Hathaway

*Apiomerus obesus* 1951 with Costa Lima & Hathaway

*Vescia angrensis* 1942 with Hathaway

#### Hymenoptera (with Moure)

*Centris dixanthozona* 1960

*Centris erythrosara* 1960

*Centris (Melanocentris) rhodoprocta* 1960

*Centris (Ptilotopus) decipiens* 1960

*Centris (Ptilotopus) erythrotricha* 1961

*Centris tetrazona* 1962

*Centris torquata* 1962

*Epicharis (Epicharitides) luteocincta* 1959

*Epicharis (Epicharitides) rufescens* 1959

*Epicharis (Epicharoides) xanthogastra* 1959

*Oxaea schwarzi* 1962

*Zikanapis foersteri* 1962

## HONORS

*Seabratettix* Roberts 1980 (Orthoptera)

*Seabracris* Amedegnato & Descamps 1979 (Orthoptera)

*Seabratilla* Casal 1963 (Hymenoptera)

*Seabraellus* Huedepohl 1985 (Coleoptera)

*Seabraia* Zajciw 1958 (Coleoptera)

*Seabriella* Zajciw 1960 (Coleoptera)

*Sebracoris* Carvalho 1988 (Hemiptera)

*Carlosia* Travassos & Kloss 1957 (Nematoda)

Subgenus *Ephuseabra* Casal 1968 (Hymenoptera)

# Carlos Alberto O'Donell

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Alberto O'Donell, Argentine botanist (Buenos Aires 11 October 1912 – San Miguel de Tucumán 14 February 1954)

Authored over 60 works some of them dealing with plant anatomy

Internationally known as an authority on Convolvulaceae family

## DESCRIBED VALID PLANTAE TAXA

### Genera

*Iseia* (1953)

*Tetralocularia* (1960)

### Species

*Bernardia argentinensis* 1955 with Lourteig

*Bonamia boliviana* 1950

*Bonamia holti* 1960

*Convolvulus lilloi* 1959

*Convolvulus schulzei* 1953

*Ipomoea acutisepala* 1950

*Ipomoea altoparanaensis* 1952

*Ipomoea angustisepala* 1953

*Ipomoea asplundii* 1952

*Ipomoea cardenasiana* 1950

*Ipomoea cearensis* 1953

*Ipomoea cheirophylla* 1959

*Ipomoea chodatiana* 1950

*Ipomoea colombiana* 1953

*Ipomoea decemcornuta* 1953

*Ipomoea densibracteata* 1950

*Ipomoea descolei* 1950

*Ipomoea homotrichoidea* 1948

*Ipomoea jujuyensis* 1948

*Ipomoea killipiana* 1950

*Ipomoea lanuginosa* 1950

*Ipomoea lilloana* 1950

*Ipomoea longistaminea* 1950

*Ipomoea magniflora* 1953

*Ipomoea malpighiphila* 1950

*Ipomoea marginisepala* 1950

*Ipomoea oranensis* 1948

*Ipomoea padillae* 1959

*Ipomoea paludosa* 1950

*Ipomoea peredoi* 1960

*Ipomoea peruviana* 1948

*Ipomoea philipsonii* 1953

*Ipomoea pintoii* 1953

*Ipomoea piresii* 1952

*Ipomoea pittieri* 1950

*Ipomoea piurensis* 1953

*Ipomoea ramboi* 1960

*Ipomoea reticulata* 1953

*Ipomoea rubriflora* 1959

*Ipomoea santacruzensis* 1952

*Ipomoea santillani* 1941

*Ipomoea saopaulista* 1953

*Ipomoea schulziana* 1948

*Ipomoea squamisepala* 1948

*Ipomoea stuckertii* 1948

*Ipomoea suburceolata* 1952

*Ipomoea tarijensis* 1960

*Ipomoea theodori* 1948

*Ipomoea velardei* 1948

*Ipomoea volcanensis* 1953

*Jacquemontia anomala* 1950

*Jacquemontia bahiensis* 1953

*Jacquemontia decumbens* 1950

*Jacquemontia ekmanii* 1950

*Jacquemontia heterotricha* 1950

*Jacquemontia laxiflora* 1960

*Jacquemontia rojasiana* 1950

*Jacquemontia warmingii* 1950

*Jatropha peiranoi* 1943

*Kallstroemia tucumanensis* 1939 with Descole & Lourteig

*Merremia hirsuta* 1952

*Plectocarpa rougesii* 1939 with Descole & Lourteig

*Tetralocularia pennelii* 1960

*Tragia paxii* 1941 with Lourteig

## **HONORS**

*Odonellia* Robertson 1982 (Convolvulaceae)

# Carlos Alberto Sagastume

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Alberto Sagastume, Argentine biochemist (La Plata 21 April 1891 – 13 September 1944)

With H. Giovambattista. Técnica sensible y rápida para determinar la glicosuria. Rev. Fac. Cien. Químicas 11:7-10, 1936

A new yeast. Anales Asoc. Quím. Argentina 23:440, 1925

With V. Oliva. Perfectionnement à notre dispositif pratique pour doser l'urée dans le sang

# Carlos Augusto Costa Pires de Oliveira

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Augusto Costa Pires de Oliveira, Brazilian otorhinolaryngologist (c.1942 –

## CONTRIBUTIONS

With F. Bahmad Jr., S.R. de Palma, S.N. Merchant, R.L. Bezerra, C.E. Seidman & J.G. Seidman. Locus for familial migrainous vertigo disease maps to chromosome 5q35. *Ann. Otol. Rhinol. Laryng.* 118:670–6, 2009

## METHODS

With H.F. Oliveira, V.R. Bollela, W.T. Anselmo-Lima & M. Nakanishi. A feasible, low cost, reproductive lamb's head model for endoscopic sinus surgery training. *PLoS One* 12 (2017)

With K.M.A. Sarmento, A.L.L. Sampaio & T.G.T. Santos. High-frequency conductive hearing loss as a diagnostic test for incomplete ossicular discontinuity in non-cholesteatomatous chronic suppurative otitis media. *PLoS One* 12:1–10, 2017

With E.R. Miranda & R.C.B. Bezerra. Intact bridge mastoidectomy modified. *A folha Medica* 109:187–90, 1994

With A.G.C. Costa & A.M. Braga. Intratemporal facial nerve grafting: a simplified effective technique. *Rev. Bras. Cir.* 83:127–30, 1993

## HONORS

Physician Recognition Award, American Medical Association (1977)

International Scientist of the Year (2002)

# Carlos Bastos Magarinos Torres

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Carlos Bastos Magarinos Torres, Brazilian anatomical pathologist (Rio de Janeiro 24 November 1891 – Rio de Janeiro 26 January 1984)

Authored over 162 works

## ACHIEVEMENTS

Described histopathological alterations in cardiac striated muscle lesions in Chagas disease known as Magarinos Torres lesions

Estudo do miocardio na moléstia de Chagas. Mem. Inst. Oswaldo Cruz 9:114–39, 1917

Introduced the concept of allergy in Chagas disease pathogeny (1929)

With A.P. de Azevedo described multinuclear giant cells filled with leishmanoid bodies in Chagas disease (1939)

Reported the second case of toxoplasmosis in the world and the first to be described of the generalized form of the infection

Described the first case of congenital toxoplasmosis in universal literature

Sur un nouvelle maladie de l'homme, caractérisé par la présence d'un parasite intracellulaire, très proche du toxoplasme et de l'Encephalitozoon, dans le tissu musculaire cardiaque, les muscles du squelette, le tissu cellulaire sous-cutané et le tissu nerveux. C.R. Soc. Biol. 97:1178–9, 1927

Sobre uma nova entidade morbida do homem caracterizada por meningoencefalite, miosite e miocardite aguda congênitas, associadas a presença, nos respectivos tecidos de um novo parasita, *Encephalitozoon chagasi*. Bras. Med. 42:1-14, 1928

Described anatomopathologically the toxoplasmosis

Described Magarinos Torres bodies, oxychromatic bodies with intranuclear inclusions in hepatic cells affected by yellow fever

Inclusions nucleaires acidophiles (dégénérescence oxychromatique) dans le foie de *Macacus rhesus*, inoculé avec le virus brésilien de La fièvre jaune. Compt. Rend. Soc. Biol. 99:1344–5, 1928

Individualized and named chromoblastomycosis

With Fernando Terra, O. Fonseca & Area Leão. Novo tipo de dermatite verrucosa, mycose por *Acrotheca* com associação de leishmaniosa. Bras.Med. 36(2):368–78, 1922.

With J. C. Teixeira first cultured measles virus (1935)

Developed a method for diagnosing alastrim

With J.C. Teixeira. Método para o diagnóstico do alastrim. Mem. Inst. Oswaldo Cruz 32:543, 1937

With C. Pinto demonstrated the mode of eliminating eggs by *Schistosoma mansoni* in gastrointestinal tube (1945)

## EPONYMY

Torres-Teixeira bodies

Janko-Magarinos Torres disease or human toxoplasmosis

Ribas-Torres disease or variola minor

Magarinos Torres degeneration

# Carlos de Paula Couto

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Carlos de Paula Couto, Brazilian paleontologist (Porto Alegre 30 August 1910 – Porto Alegre 15 November 1982)

## DESCRIBED FOSSIL MAMMALIAN TAXA

### Order

Xenungulata 1952

### Family

Pamphathiidae 1954

### Genera

*Abothrodon* 1944

*Bobbschaefferia* 1970

*Camargomendesia* 1978

*Colbertia* 1952

*Derorhynchus* 1952

*Didelphopsis* 1952

*Epidolops* 1952

*Gaylordia* 1952

*Guggenheimia* 1952

*Ischyrodidelphis* 1952

*Lamegoia* 1952

*Macrauchenioptis* 1952

*Marmosopsis* 1962

*Megahippus* 1981

*Minusculodelphis* 1962

*Mirandaia* 1952

*Mirandatherium* 1952

*Monodelphopsis* 1952

*Neosclerocalyptus* 1957

*Palaeocladostictis* 1961

*Plesiotoxodon* 1982

*Protodidelphis* 1952

*Pseuderemotherium* 1954

*Pseudodiodon* 1979

*Purperia* 1982

*Tetragonostylopsis* 1963

*Xenocnus* 1980

*Xenodelphis* 1962

## HONORS (Fossil Mammalia except one)

*Paulacoutoia* Purper 1979 (Ostracoda)

*Pauladelphys* Goin, Case, Woodburne, Vizcaino & Regueiro 1999

*Paulacoutomys* Vucetich, Souza Cunha & Alvarenga 1993

*Carolopaulacoutoia* McKenna & Bell 1997

*Carolocoutoia* Goin, Oliveira & Candela 1998



# Carlos de Sigüenza y Góngora

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos de Sigüenza y Góngora, Mexican geographer and historian (Ciudad de México 14 August 1645 – Ciudad de México 22 Aug 1700)

Authored *Libra astronómica y filosófica* (1690) regarded as one of the most important works from Latin America in his day

Determined the position of the comet of 1680 being his work highly praised for great astronomers of his day as Flamsteed and Cassini

Claimed that comets are wandering stars before Halley

Built an instrument for studying Sun eclipses

Performed hydrological maps of Mexico Valley (1691)

Studied Aztec history and Toltec writing

Mapped Pensacola Bay and the mouth of Mississippi River (1693)

# Carlos de Toledo Rizzini

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos de Toledo Rizzini, Brazilian botanist and lichenologist (Monteiro Lobato, São Paulo State 18 April 1921 – 03 October 1992)

Authored with W.B. Mors & N.A. Pereira, Medicinal Plants of Brazil (2000), with international repercussion

Authored with W.B. Mors Useful Brazilian plants (1966) translated into English and German

Proposed a preparation method of pollen grains for mounting

Estudos sobre as Acanthaceae. Bol. Mus. Nac. Rio de Janeiro, Bot. 8:1-38, 1947

## DESCRIBED PLANTAE TAXA

### Valid Genera

*Apterokarpos* 1975

*Arapatiella* 1975 with Mattos

*Ixocactus* 1953

*Liberatia* 1947

*Morsacanthus* 1952

*Pupilla* 1949

### Species

About 340

# Carlos Emilio Porter

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Emilio Porter Mosso, Chilean naturalist (Valparaiso 20 August 1867 – Santiago 13 December 1942)

From American descent

Authored over 400 works between publications, scientific communications and books

Discovered 332 animal (mainly insects), 5 bryophytes and 2 fossil mollusks species that were sent to other researchers

## DESCRIBED VALID ANIMALIA TAXA

### Genus/Subgenus

*Brethesiella* 1920 (Hymenoptera)

*Neplas* 1927 (Diptera)

### Hymenoptera

*Apanteles barrosi* 1920

*Apanteles brethesi* 1917

*Apanteles laorae* 1923

*Apanteles reedi* 1920

*Apanteles riverae* 1916

*Cyanopterus izagai* 1920

*Meteorus chilensis* 1926

*Perilitus stuardoi* 1926

### Hemiptera

*Aonidomytilus espinosai* 1920

*Corizus thomasi* 1916

*Erlacda signoreti* 1929

*Geocoris barrosi* 1915

*Lutevopsis chilensis* 1923

*Mepraia spinolai* 1933

*Niesthrea campoi* 1921

*Thyreocoris surrai* 1933

### Crustacea

*Cervimunida johni* 1903

*Idotea delfini* 1903

*Paromola rathbuni* 1908

### Diptera

*Liriomyza gayi* 1915

### Coleoptera

*Hesperophanes philippii* 1925

### Pisces

*Chironemus delfini* 1914

## HONOURS

International Scientific Medal (1896)

Prix Latreille (1929)

Prix Constant, Societé Entomologique de France (1929)

Honorary Vice-President, Microbiological Institute of London (1932)

Doctor Honoris Causa, Chicago University (1935)

## HONORS

*Porteriella* Hustache 1930 (Coleoptera)

*Porteria* Simon 1904 (Arachnida)

*Neoporteria* Mello Leitão 1943 (Arachnida)

*Chiloporter* Lestage 1931 (Ephemeroptera)

Subgenus *Porterapis* Michener 1989 (Hymenoptera)

*Neoporteria* Britton & Rose 1922 (Cactaceae)

# Carlos Enrique Valerio

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Enrique Valerio Gutierrez, Costa Rican arachnologist (Tilarán, Guanacaste 13 January 1944 –

## DESCRIBED ARACHNIDA SPECIES

### 1980

*Aphonopelma burica*  
*Aphonopelma crinifurum*  
*Aphonopelma sclerothrix*  
*Aphonopelma xanthochromus*  
*Brachypelma albopilosum*  
*Brachypelma angustum*  
*Brachypelma fossorum*  
*Lasiodora brevibulba*  
*Lasiodora carinata*  
*Lasiodora icecu*  
*Lasiodora puriscal*  
*Lasiodora rubitarsa*  
*Sericopelma dota*  
*Sericopelma ferruginum*  
*Sericopelma generata*  
*Sericopelma immensum*  
*Sericopelma melanotarsum*  
*Sericopelma silvicola*  
*Sericopelma upala*  
*Stichoplastoris Asterix*  
*Stichoplastoris denticulatus*  
*Stichoplastoris elusinus*  
*Stichoplastoris obelix*

### Other Years

*Anisaspoides argus* 1984  
*Anisaspoides maculatum* 1984  
*Cyclosternum viridimonte* 1982  
*Drymusa dinora* 1971  
*Hebestatis lanthanas* 1988  
*Metriopelma coloratum* 1982  
*Metriopelma drymusetes* 1982  
*Psalistops venadensis* 1986  
*Scytodes diminuta* 1981  
*Scytodes gertschi* 1981  
*Scytodes uligocetes* 1981  
*Stichoplastoris stylipus* 1982  
*Trichopelma laselva* 1986  
*Valeriophonus nara* 1981

## HONORS

*Valeriophonus* Viquez & Armas 2005 (Arachnida)

# Carlos Manuel Varsavsky

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Manuel Varsavsky, Jewish Argentine astrophysicist (Buenos Aires 28 April 1933 – 01 March 1983)

Predicted the abundance of molecular hydrogen in interstellar clouds (confirmed later)

His doctoral thesis about atomic transitions in astrophysics was a standard work for decades

The Calculation of absolute line strengths in atomic spectra. Doctoral Thesis, Harvard University (1958)

## SOME BIBLIOGRAPHY

The origin of tektites. *Nature* 181:173, 1958

Dynamical limits on a lunar origin for tektites. *Geochim.Cosmochim.Acta* 14:291, 1958

Radial velocities and three-color light-curves of some RR Lyrae variables. *Astrophys. Journal* 131:623, 1960

The gravitational contraction times of stars in very young clusters. *Astrophys. Journal* 132(2):354–60, 1960

Some Atomic Parameters for Ultraviolet Lines. *Astrophys. Journal Suppl. Ser.* 6(53):75–108, 1961

Excitation cross-sections for highly ionized atoms. *Proc. 5<sup>th</sup> Intern. Conf. Ionizat. Phenomena in Gases*, Munich, Germany, 1961

With G.W. Preston & H. Spinrad. The Light and Radial-Velocity Variations of Tu Ursae Majoris. *Astrophys. Journal* 133(2):484–92, 1961

With F. Grafton & V.G.L.Poppel. Some models of internal structure of sub-dwarfs. *Ann. Astrophys.* 25(4):261–7, 1962

Atomic parameters for five times ionized oxygen. *Planet. Space Science Journal* 11, 1963

With S.L.Garzoli. The distribution of hydrogen in a region in Taurus. *Astrophys. Journal* 145:79, 1966

Detectability of molecular hydrogen in interstellar space. *Space Sci. Rev.* 5(3):419–34, 1966

Radio sources in the vicinity of source m31. *Science* 158(3804):1043–5, 1967

With J.E. Breña. Calculo teorico y determinación empirica del coeficiente de absorción de La radiación continua em La fotosfera solar. *Publicaciones del Conicet.* 9–38, 1968

Dust and Atomic Hydrogen in interstellar space. *Astrophys. Journal* 153:627, 1968

With R.J. Quiroga. Peculiarities in the rotation curve of the galaxy. *Boletín Asoc. Arg. Astron.* 14:1968

With R.F. Colomb. Radio emission associated with peculiar galaxies of the Arp catalogue. *Boletín Asoc. Arg. Astron.* 14:72, 1968

With H. Fernandez Gianotti & R.J. Quiroga. Absorption effects in six H II Regions. *Astrophys. Space Science* 17(1):126–33, 1972

His cousin, **Oscar Alberto Varsavsky**, Argentine mathematician (Buenos Aires 18 January 1920 – Buenos Aires 17 December 1976)

Recognized as one of the world's leading researchers in application of mathematical modelling to social sciences and economy

With Aniceto Monteiro introduced the notion of monadic Heyting algebras

Algebras de Heyting monadicas (1957)

With V. Yohai et al developed a new technique that used the computer (Meic-0 or Meic-1) to process statistical data (1960s)

One of the firsts in the world to use numerical experimental methods in complex dynamical systems

With J. Araoz. Estudio de aprovechamiento hidraulico de rios andinos por el metodo de modelos numericos. *Publ. Inst. Calculo* 11

### **SOME BIBLIOGRAPHY (Mathematics)**

Relations triples dans les programmes lineaires generalizes (1965)

Une topologie tauberienne (1960)

Quantifiers and equivalence relations. Rev. Matem. Cuyana 2(1):29-51, 1958

Los fundamentos de la Estadística Cuántica (1949)

The reciprocal iterated limit theorem

Sobre los postulados de la mecánica cuántica

Sobre la definición de vacío de Schwinger

Ergodic theorem in quantum mechanics

# Carlos María Squirru

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos María Squirru, Argentine surgeon (La Plata 22 March 1891 – ?)

From Italian descent

With E. Finocchietto described mixed inguinal hernia (1917) and developed Squirru-Finocchietto method for repair of inguinal hernia

Reported visualization of the biliary tract incidental to injection of lipiodol being the first successful attempt at cholangiography

With E.L. Lanari. Roentgenographs of biliary passages. Rev. Asoc. Med. Arg. 37:125, 1924

Eponym of Squirru non-total emasculation



# Carlos Ochoa

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Manuel Ochoa Nieves, Peruvian plant breeder and botanist (Cusco 27 November 1920 – Lima 11 February 2008)

Gained international recognition as plant breeder and expert in economic botany

Authored over 150 publications

Described 88 species and 101 subspecies, varieties and forms in Solanaceae (about 70 are wild potato species)

Created potato varieties such as Renacimiento, Yungay, Mantaro, antarqui e Tomasa Condemayta

## HONORS

William Brown Center Award for Plant Genetic resources (2001)

Distinguished Botanist, Society for Economic Botany (1997)

Feinstein Hunger Award, Brown University (1994)

Honorary Member, New York Academy of Sciences (1993)

Houssay Prize, OAS (1992)

Frank N. Meyer Medal, Crop Science Society of America (1991)

# Carlos Ospina

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Sebastián Ospina Delgado, Colombian civil engineer (Bitaco, La Cumbre, Valle del Cauca 27 June 1920 – Bogotá 19 October 2013)

Internationally renowned as a consultant on projects as dams, tunnels, roads, bridges and mining projects

Planned, designed and developed engineering projects such as roads, water supplies, electric power transmission and distribution and industrial plants, all of which characterized by innovative solutions

He had been directly involved in 14 of the world's greatest dam projects

## SOME BIBLIOGRAPHY

With A. Marulanda. Colombian experience with NATM concepts. *Felshau* 6(4), 1998

Hydroelectric power in Colombia. *Intern. Water Power Dam Constr.* 39(7):33-8, 1987

With J. Montaña. The Laguneta Hydro-Electric Project. *Water Power* 3:104, 1959

With P.Z. Kirpich. Flood control aspects of Cauca Valley development. *Proceed. Am. Soc. Civil Eng.* 85(12147):1-34, 1959

Multi-layer penstocks and high-pressure wyes. *Discussion. Proc. Amer. Soc. Civil Engrs.* 83(6):1460, 1957

The Anchicaya power development. *Water Power* 8(3):100, 1956

Mechanical and electrical equipment for Colombia: Guavio project

## HONOURS

Medal of Honor, US National Academy of Engineering (1999)

Honorary Member, International Commission of Large Dams (2012)

# Carlos Palacios

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Antonio Palacios García, Venezuelan histologist and microscopist (Caracas 09 February 1925 – 10 August 1997)

Authored over 50 scientific works

World expert on ultrastructure and biochemistry of *Paracoccidioides brasiliensis* and *Blastomyces dermatidis*

Described the cardiac conducting system from histologic and histochemical point of view

Described Councilman bodies and electron microscopic differentiation of Langerhans islets grains in the female rat

Developed intradermic method for inoculation in manufacture of aftosa vaccine and others modification in this vaccine used worldwide

## LINKS

[http://www.cazadoresdemicrobios.com.ve/consulta\\_biografia.php?id\\_biografia=123](http://www.cazadoresdemicrobios.com.ve/consulta_biografia.php?id_biografia=123) (in Spanish)

# Carlos Rafael Vazquez Yanes

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Rafael Vazquez Yanes, Venezuelan-born Mexican plant ecologist and physiologist (Maracaibo 23 August 1945 – Mexico 11 November 1999)

Authored over 70 papers, 26 book chapters and 2 books

Authored classic papers on ecophysiology of tropical forests seeds

Authored the first works on plants and atmosphere relationship in tropical lands

Discovered the first arboreal plant with CAM photosynthetic metabolism

Designed instrumentation for measuring environmental parameters

# Carlos Renson

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Renson, Belgian-born Salvadorean apothecary and plant collector (Amberes 1858 – El Salvador 30 Mar 1941)

## ACHIEVEMENTS

Nouveau procede de recherches des Trichines dans les viandes. In Bull. de la Soc. belge de microscopie, X, p. 2i, 1884,

## SOME BIBLIOGRAPHY

With J. Puente, 1889, Informe sobre la expedición científica a los ausoles de Ahuachapin: San Salvador Univ. No. 2, ser. 1 ; repr., 1929, in Garcia, MA, Diccionario Histórico-Enciclopedico de la Republica de El Salvador,

Conservación del maíz y de los frijoles. Boletín de Agricultura (El Salvador) 3:483-485. 1903.

Contribución a Analisis Toxicológica del Mercurio, Proceedings of the second Pan American Scientific Congress, Washington, U.S.A., Monday, December 27, 1915 to Saturday, January 8, 1916, 1915-1916, vol 12

El *Tripsacum latifolium* Hitchcock. Revista Agrícola 5: 351-368, 1919.

El Zacate jaragua, *Cymbopogon rufus*. Rev. Agric. Salvadoreña (1921)

El Zacate Gordura. Molasses Grass (*Melinis minutiflora*). Rev. Agr. Trop. 1(6): 333-337, 1928

Forraje verde para la estación seca: el *Tripsacum latifolium* Hitchc. Rev. Ganad. San Salvador 4(45-7):26-9, 1943

El *Tripsacum fasciculatum* Trinius. Rev. Agric. Salvad. 1(9):3-7, 1913

El barajillo, leguminosa forrajera de America Central. Rev. Agric. Trop. 1:65-93,

Las plantas forrajeras que nos interesan: el barajillo de El Salvador. Rev. Agric. Trop. San Salvador

## HONORS

*Rensonia* S.F. Blake (Asteraceae)

# Carlos Rivero Solar

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Rivero Solar, Venezuelan inventor (Cabure, Falcón State 04 November 1826 – Cabure, Falcón State 13 June 1904)

## INVENTIONS

Water-powered mill

A machine to hull coffee beans

A machine for grinding sharp tools like machetes, knives and others

A rodent trap

A wood drill

El Pájaro Serrano, a hawk-inspired flight apparatus (1868)

# Carlos Rodolfo Pereyra

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Rodolfo Pereyra, Argentine psychiatrist (La Plata 09 April 1903 – 02 August 1965)

From his studies on endovenous insulin gave rise to a medicine named InsuloHepat Hipertonico sold by Laboratorio Bagó

Developed a new method for cessation of hypoglycemic coma and prevention of irreversible coma in Prensa Medica (1944)

Authored Esquizofrenia – demencia precoce (1943) quoted in review The Lancet (1944)

Authored the book Semiología y psicopatología de los procesos de la esfera intelectual (1951) that received rave reviews from The American Journal of Psychiatry (1953)

## LINKS

[https://www.alcmeon.com.ar/5/20/a20\\_09.htm](https://www.alcmeon.com.ar/5/20/a20_09.htm)

# Carlos Rodolfo Schreiter

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Rodolfo Schreiter, German-born Argentine naturalist and archaeologist (Chemnitz 13 August 1885 – Tucumán 30 March 1942)

Described Lepidopteran species *Rothschildia maurusius* 1925

## SOME BIBLIOGRAPHY

### Natural Sciences

Notas entomo-biológicas y otras. Acta Zool. Lilloana 7:44, 1943

Estudio fisiografico de la Quebrada del Portugués, departamento de Monteros. Bol. Museo Hist. Nat. Univ. Nac. Tucumán 2(11); 33-5, 1936

Contribución al estudio de los papilionidos del norte argentino y *Papilio argentinus* Jorg. (nueva especie) (1930)

Sphingidae. Estudio sobre las especies tucumanas de esta familia. Bol. Museo Hist. Nat. Univ. Nac. Tucumán 9, 1926

Observaciones biológicas sobre las especies tucumanas de los géneros *Dysdaemonia*, *Rothschildia* y *Copaxa* (1925)

Estudio preliminar de una colección de plantas procedentes de Tartagal (Departamento de Orán, Salta) 1925

### Archaeology

Enterratorios indígenas en las grutas de Villavil, Departamento de Belén (Catamarca). Bol. Museo Hist. Nat. Univ. Nac. Tucumán 6:3-8, 1936

Nota preliminar sobre una exploración arqueológica en la Loma de la Florida, Corral Quemado, Departamento de Belén (Catamarca). Bol. Museo Hist. Nat. Univ. Nac. Tucumán (1936)

Monumentos megalíticos y pictográficos en los altivalles de la provincia de Tucumán. Bol. Museo Hist. Nat. Univ. Nac. Tucumán 11, 1928

La civilisation de La Candelaria et son extension dans la Province de Tucuman. J. Soc. American. 26:53-64, 1926

Distintas clases de sepulturas antiguas observadas en los Valles Calchaquies (1919)

## HONORS

*Schreiteria* Carolin 1985 (Portulacaceae)

*Schreiteria* Melzer 1933 (Coleoptera)

*Schreiteriana* Fletcher 1982 (Lepidoptera)



# Carlos Ruiz Fuller

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Enrique Ruiz Fuller, Chilean geologist and mining engineer (Valparaíso 23 September 1916 – Santiago 28 March 1997)

From English and Danish ancestry

Described a new Kind of metamorphic bed of contact

Los yacimientos de hierro de la región noroccidental de Copiapó, un tipo no descrito de yacimiento de contato metamórfico. Boletín Minero 552:820-87, 1943

## SOME BIBLIOGRAPHY

Distribution and characteristics of Chilean copper deposits (1990)

With F. Peebles. Geología, distribución y genesis de los yacimientos metalíferos de Chile (1988)

With I. Hayami & S. Maeda. Some late Triassic Bivalvia and Gastropoda from the Domeyko range of North Chile. Trans. Proc. Paleont. Soc. Jpn. NS 108:202-21, 1977

With A.B. Vistelius, D.N. Ivanov & Y. Kuroda. Variations of modal composition of granitic rocks in some regions around the Pacific. Math. Geology 2(1):63-80, 1970

With A.B. Vistelius. On the origin of variations in the composition of granitic rocks of Chile and Bolivia (1969)

With O.A. Moraga & A. Aguilar. Genesis of the Chilean iron ore deposits of Mesozoic age (1968)

Discusión sobre el origen de los yacimientos de hierro (1967)

La geología y la mineralogenetica en America Latina (1965)

Distribución y origen de la mineralización em Chile (1965)

With W.H. Diment, F.O. Ortiz & L.R. Silva. Terrestrial heat flow at two localities near Vallenar, Chile (1965)

With G. Ericksen. Metallogenetic Provinces of Chile, S.A. Economic Geology 57:91-106, 1962

With K. Segerstrom. Geología del Cuadrangulo Copiapó. Inst. Invest. Geol. (1962)

With K. Segerstrom & L. Aguirre. Edades plomo-alfa y marco estratigrafico de granitos chilenos. Con una discusión acerca de su relación con la orogénesis (1960)

With J.F.McAllister & Hector Flores W. Quicksilver deposits of Chile. Bull. Geol. Survey 964, 1950

Posibilidades mineras de Aysén (1946)

Estudio geológico y economico de los distritos de Ojancos y Punta del Cobre, Copiapó (1940)

## HONORS

Carlosruizite Konnert, Evans, McGee & Ericksen 1994 (Mineral)

# Carlos Rusconi

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Rusconi Sassi, Argentine paleontologist and archaeologist (Buenos Aires 02 November 1898 – Mendoza 22 February 1969)

From Italian parentage

Authored about 500 works

Described one subfamily Eumysopinae (1935) and two species *Catagonus wagneri* 1930 & *Ctenomys australis* 1934 of living mammals

## DESCRIBED NEW GENERA

### Trilobita

39

### Mammalia

*Acrotypotherium* 1936

*Allalmeia* 1946

*Brasilchoerus* 1930

*Interchoerus* 1930

*Macroavia* 1933

*Megactenomys* 1930

*Nothydrochoerus* 1935

*Notopachyrucos* 1933

*Parachoerus* 1930

*Tapiraliu* 1934

*Tranyocastor* 1936

*Xenohydrochoerus* 1934

### Pisces

*Anatoia* 1946

*Caminchaia* 1946

*Cenechoia* 1946

*Challaia* 1946

*Echentaia* 1946

*Guaymayenia* 1946

*Neochallaia* 1949

*Pasambaya* 1946

### Reptilia

*Acrohydraspis* 1934

*Ancanamunia* 1942

*Ilchunaia* 1946

*Notocaiman* 1937

*Purranosaurus* 1948

*Rhamphostomopsis* 1933

*Uruguaysuchus* 1933

*Xenosuchus* 1933

### Amphibia

*Chigutisaurus* 1948

*Icanosaurus* 1950

*Otuminisaurus* 1948

### Crustacea

*Culampaia* 1949

*Estheriopsis* 1947

*Huarpeana* 1954

### Graptolita

*Challapora* 1949

*Mendograptus* 1950

*Notograptus* 1948

**Aves**

*Cunampaia* 1946

*Querandiornis* 1958

**Echinodermata**

*Antunia* 1955

*Salagastiana* 1951

**Mollusca**

*Charruia* 1955

*Quilicanella* 1952

**Cnidaria**

*Mendoconularia* 1951

*Mendopora* 1948

**Bryozoa**

*Paraguataia* 1948

**HONORS**

*Rusconia* Kraglievich 1931 (Fossil Mammalia)

# Carlos Segers

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carlos Luis Maria Segers Ríos, Argentine amateur astronomer (Iquique, Tarapacá Chile 08 December 1900 – Buenos Aires Mayo 1967)

From Argentine father and Chilean mother

Authored Las estrellas variables de periodo largo (1955)

Honored in Segers lunar crater

# Carlos Segovia Fernandez

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Carlos Segovia Fernandez, Spanish-born Argentine mathematician (Valencia, Spain 07 December 1937 – Buenos Aires 03 April 2007)

Authored 47 papers

Gave relevant contributions to study of classical operators for Laguerre functions

With R. Wheeden defined fractional square functions involving fractional derivatives

With R.L. Wheeden introduced generalizations of Lusin function adapted to fractional integration study and showed that a multiplication commutator of a  $f$  function is regularizer of equal order to differentiability order of  $f$  function

With R.A. Macías generalized Fefferman-Stein theory for homogenous spaces

Eponym of Macías-Segovia metrization theorem

## CONTRIBUTIONS

With R. Testoni. One-sided strongly singular operators (2009)

A multiplier theorem for one-sided Hardy spaces. Proc. Royal Soc. Edinburgh Sect. A 139 (1), 2009

With S. Ombrosi & R. Testoni. An interpolation theorem between one-sided Hardy spaces. Ark. Mat. 44(2):335-48, 2006

With R. Macías. Weighted norm estimates for the maximal operator of the Laguerre functions heat diffusion semigroup. Studia Math. 172:149-67, 2006

With A.E. Gatto. Product rule and chain rule estimates for the Hajlasz gradient on doubling metric measures spaces. Colloq. Math. 105 (1):1924, 2006

With R. Macías. Heat-diffusion maximal operators for Laguerre semigroups with negative parameters. J. Funct. Anal. 229(2):300-16, 2005

With L. de Rosa. A substitute of harmonic majorization. Indiana Univ. Math. J. 48:1535-45, 1999

With L. de Rosa. Dual Spaces for one-sided weighted Hardy spaces. Rev. Un. Mat. Argentina 40:49-71, 1997

With E. Harboure & R. Macías. An extrapolation theorem for pairs of weights. Rev. Un. Mat. Argentina 40(3-4):37-48, 1997

With E. Harboure, R. Macías & J.L. Torrea. Some estimates for maximal functions on Kothe function spaces. Israel J. Math. 90:349-71, 1995

With J.L. Torrea. Higher order commutators for vector-valued Calderón-Zygmund operators. Trans. Amer. Math. Soc. 336:537-56, 1993

With R. Macías & J.L. Torrea. Singular integral operators with non-necessarily bounded kernels on spaces of homogeneous type. Adv. Math. 93:25-60, 1992

With J. García Cuerva, E. Harboure & J.L. Torrea. Weighted inequalities for commutators of fractional and singular integrals. Publ. Matem. 35:209-35, 1991

With E. Harboure & R.A. Macías. An extrapolation theorem for pairs of weights. Cuadernos Mat. Méc. 2:87, 1987

With E. Harboure & R. Macías. A two weight inequality for the fractional integral when  $p=n/\alpha$ . Proc. Amer. Math. Soc. 90:555-62, 1984

With R. Macías. A well behaved quasi-distance for spaces of homogeneous type. Trab. Matem. Ser 1 32 (1981)

With R. Macías. A decomposition into atoms of distributions on spaces of homogeneous type. Adv. Mathem. 33(3):271-09, 1979

With R. Macías. Weighted norm inequalities for parabolic fractional integrals. Studia Math. 61:279-91, 1977

With R. Macías. A maximal theory for generalized Hardy spaces (1978)

With N. Aguilera. Weighted norm inequalities relating the  $g^*\lambda$  and the area functions. Studia Math. 61:293-03, 1971

## LINKS (bibliography)

[http://www.fundacionkonex.com.ar/b1739-carlos\\_segovia\\_fern%C3%A1ndez](http://www.fundacionkonex.com.ar/b1739-carlos_segovia_fern%C3%A1ndez)

# Carlos Spegazzini

June 27, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Carlo Luigi Spegazzini or Carlos Luis Spegazzini, Italian-born Argentine botanist, mycologist and explorer (Bairo, Torino Province 20 April 1858 – La Plata 01 July 1926)

Authored about 320 papers

Described a new variety of rubber

La verdenasquina, nueva variedad de caucho. Anales Soc. Cien. Arge. 78:71-3, 1914

Described *Puccinia arachidis*, causative agent of peanuts rust

Described the tobacco rust (1888) independent from Farlow (1885)

Described *Septoria lycopersici*, causal agent of septoriosis or Septoria spot

Described Pasma, a disease of flax (1909)

First reported citrus leprosis (1920)

**Other fungi causing diseases in plants**

*Ustilago paraguayensis* (loose smut of Bermuda grass)

*Cintractia peribebuyensis* (smut of *Cyperus*)

*Meliola malacotricha* (black mildew of *Dichondra*)

*Coccostromopsis palmicola*

*Ravenelia platensis* (rust of *Erythrina*)

*Phyllosticta erythraeae* with Saccardo

*Asterina silvatica*

*Asterina ampullipeda* (black sooty of *Haynaldia*)

*Macabuna malvicola* (rust of *Hibiscus mutabilis*)

*Meliola arachnoidea*

*Meliola brasiliensis* (black mildew of *Schinus terenbitifolia*)

*Puccinia opulenta* (red of *Ipomoea*)

*Puccinia macropoda* (rust of *Iresine*)

*Aecidium jussieae* (rust of *Jussiaea*)

*Puccinia arechavaletae* (rust of *Lonchocarpus*)

*Pestalotiopsis leprogena* (brown blotch of *Musa sapientum*)

*Drepanoconis larvaeformis*

*Glomerella tucumanensis* (red rot of *Saccharum officinarum*)

*Asterina peraffinis*

*Asterina vagans*

*Puccinosira pallidula* (rust of *Triumfetta semitriloba*)

*Prospodium tecomicola* (rust of *Tabebuia serratifolia*)

*Aecidium verbenae* (rust of *Verbena litoralis*)

*Puccinia rugosa* (rust of *Vernonia*)

*Colletotrichum annonicola* (anthracnose of custard apple)

*Phyllosticta sacchari* (leaf spot of sugar cane)

*Phyllachora tropicalis*

**DESCRIBED PLANTAE & FUNGI TAXA**

**Fungi**

**Genera**

About 180 (at least 115 valid)

**Species**

About 3,000

**Plantae** (about 1,000 taxa)

**Valid Genera**

*Ameghinoa* 1897

*Anadenanthera* 1923

*Benthamiella* 1883

*Chiovendaea* 1916

*Delphinophytum* 1903

*Halophytum* 1902

*Lecanophora* 1926

*Maihueniopsis* 1925

*Notiosciadium* 1924

*Oxyosmyles* 1901

*Pantacantha* 1902

*Parodia* 1923

*Philippiella* 1897

*Ramorinoa* 1924

*Schickendantziella* 1903

**Subgenera**

9 in *Stipa* (1903)

**Species**

About 635

**Fossil Plantae (1924)**

*Ameghinoites*

*Carolites*

*Florentinites*

*Romeroites*

**HONORS**

*Spegazzinia* Saccardo 1880 (Fungi)

*Neospegazzinia* Petrak 1936 (Fungi)

*Spegazzinites* Felix 1894 (Fossil Fungi)

*Spegazziniophytum* Esser 2001 (Euphorbiaceae)

# Carlos Stajano

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos V. Stajano Cibils, Uruguayan surgeon (Montevideo 10 October 1891 – Montevideo 1976)

From Italian father

Described Stajano subcostal syndrome or Fitz-Hugh-Curtis syndrome

La reacción frenica em ginecología. Semana Medica Bs. Aires 27:243-8, 1920

Described a pain in right hypochondrium when one is in Trendelenburg position as a sign of peritoneal hemorrhage (1926)

Described the “clinical masks” of pelvic congestion (1931)

Proposed trophic reflex as the key mechanism of post-traumatic phenomena

## EPONYMY

Stajano pseudocervicitis

Stajano shock

Pouey-Stajano sign of tubal ectopic pregnancy or Laffont sign (consisting of peritoneal irritation and subscapular reflex pain; 1930s)

## SOME BIBLIOGRAPHY

La fluxion intersticial refleja en patología general (1958)

La congestión pélvica (1957)

Las leyes de fisiopatología del dolor esplácnico que surgen de la clinica. Rev. Mex. Ginec. Cancer 14(3):83, 1946

Fisiopatología tissular y sus relaciones con la cancerología (1946)

Precancer: physiopathologie de la maladie cancéreuse (1944)

Concentrated coffee enema for the treatment of shock. Arqu. Med. Urug. 14, 1941

Choc. Los procesos generales de la patologia, fisiologia patologica y sus aplicaciones a clinica (1938)

La reacción frenica delas hemorragias em el peritoneo libre (1935)

With H. Parrillo. La curva de la presión arterial en la raquípercaína. Arch. Urug. Med. Cir. Espec. 3(1):49, 1933

Sistema vegetativo y neurosis trófica (1933)

Sistema neurovegetativo y constitución histofisiologica. Sintesis de nuestra orientación em cancerología (1931)

With D. Bennati & B. Pertuzzo. Les facteurs determinants du choc operatoire dans le désarticulations de la hanche (1930)

El cuadro agudo de vientre. Thesis (1925)

Trofismo y cancer: contribución clinica y experimental (1925)

Sistema nervioso y precancer (1921)

With J. Estable. Les altérations nerveuses du métamere correspondant à la région expérimentalement cancérisée. Irritation chronique et centres nerveux. C.R. Soc. Biol. Paris 107:1556-8,

Patología pulmonar refleja del postoperatorio

El choc en las quemaduras de la piel

El síndrome broncoparalítico

La apendicectomia sin encapuchonamiento del muñón



# Carlos Stuardo Ortiz

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Stuardo Ortiz, Chilean entomologist (Yungay, Nuble Province 02 December 1895 – Santiago 15 August 1962)

## DESCRIBED DIPTERA TAXA

### Genera

*Aneriophora* 1952 with Cortés

*Pritchardia* 1946

### Species

*Celidosphenella poecilla* 1946

*Hemipenthes edwardsi* 1946

*Hephaestion iopterus* 1935

*Hirmoneura orellanae* 1936

*Hirmoneura silvae* 1936

*Hyrmophaeba ruizi* 1936

*Microplophorus magellanicus* 1935 with Ruiz

*Trichophthalma jaffueli* 1936

*Trichophthalma morenii* 1939

*Trichophthalma porteri* 1934

*Trupanea stonei* 1946

*Trupanea omphrale* 1946

## HONORS

*Stuardomyia* Cortés 1945 (Diptera)

*Stuardosatyris* Herrera & Etcheverry 1965 (Lepidoptera)

# Carlos Villarroel

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Carlos Mario Villarroel Arispe, Bolivian-born Colombian geologist and paleontologist (fl.1968)

## DESCRIBED FOSSIL TAXA

### Genera

#### Mammalia

*Brievabradys* 2000

*Etayoa* 1987

*Hondalagus* 1998 with Marshall

*Huilabradys* 1998

*Huilatherium* 1985 with Guerrero Díaz

*Kiotomops* 1991 with Sakai, Setoguchi, Cadena & Shigehara

*Microtypotherium* 1974

*Plesiotypotherium* 1974

*Praectenomys* 1975

*Sallacyon* 1982 with Marshall

### Others

*Colombianaspis* 2015 with Morzadec, Mergl, Janvier & Rachebouef (Trilobita)

*Florestacanthus* 2003 with Burrow & Janvier (Pisces)

### Species

#### Mammalia

*Borhyaenidium altiplanicus* 1983 with Marshall

*Boreostemma acostae* 1983

*Brievabradys laventensis* 2000

*Chapalmatherium saavedrai* 1984 with Hoffstetter & Rodrigo

*Etayoa bacatensis* 1987

*Hondalagus altiplanensis* 1998 with Marshall

*Huilabradys magdaleniensis* 1998

*Huilatherium pluriplicatum* 1985 with Guerrero Díaz

*Kiotomops lopezi* 1991 with Sakai, Setoguchi, Cadena & Shigehara

*Microtragulus bolivianus* 1974 with Hoffstetter

*Microtypotherium choquecotense* 1974

*Neoglyptatelus sincelejanus* 2005 with Clavijo

*Plesiotypotherium achireense* 1974

*Praectenomys rhombidens* 1975

*Praectenomys vagus* 1975

*Sallacyon hoffstetteri* 1982 with Marshall

*Sparassocynus heterotoicus* 1983 with Marshall

*Trachytherus subandinus* 1994 with Sempere & Marshall

### Others

*Colombianaspis carvalhoae* 2015 with Morzadec, Mergl, Janvier & Rachebouef (Trilobita)

*Florestacanthus morenoi* 2003 with Burrow & Janvier (Pisces)

*Imocaris colombiensis* 2003 with Rachebouef (Crustacea)

## HONORS

*Villarroelia* Cifelli & Guerrero 1997 (Fossil Mammalia)

# Carlos Walther

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carlos Walther, German-born Uruguayan geologist (Wolfenbüttel, Lower Saxony 18 February 1878 – Uruguay 24 April 1948)

Authored 65 works on geology, mineralogy, petrology, paleontology and crystallography

## DESCRIBED NEW SPECIES

*Holoconularia fimbriata* 1903 (Fossil Gastropoda)

*Praecardium angulatum* 1907 (Fossil Bivalvia)

## HONORS

*Waltheria* Gaucher & Sprechmann 1999 (Microfossil)

# Carlos Werckle

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Karl (Carlos) Wercklé, French-born Costa Rican botanist and plant geographer (Wiebersweiler, Moselle Department, Lorraine 18 July 1860 – San Jose de Costa Rica 24 November 1924)

## DESCRIBED VALID PLANTAE SPECIES

*Catopsis juncifolia* 1904

*Catopsis wangerini* 1916

*Guzmania condensata* 1904

*Guzmania glomerata* 1916

*Guzmania patula* 1916

*Guzmania polycephala* 1916

*Guzmania spectabilis* 1916

*Josemania singularis* 1905

*Nyctocereus kalbreyerianus* 1907

*Racinaea venusta* 1905

*Rhipsalis frondosa* 1909

*Tillandsia cauliflora* 1905

*Tillandsia singularis* 1905

*Vriesea acuminata* 1904

*Vriesea bracteosa* 1916

*Vriesea brunei* 1904

*Vriesea camptoclada* 1916

*Vriesea capitata* 1904

*Vriesea castaneo-bulbosa* 1903

*Vriesea comata* 1904

*Vriesea graminifolia* 1904

*Vriesea latissima* 1904

*Vriesea macrochlamys* 1904

*Vriesea pedicellata* 1903

*Vriesea picta* 1904

*Vriesea singuliflora* 1904

*Vriesea stenophylla* 1904

*Vriesea virida* 1904

*Vriesea vittata* 1904

*Werauhia macrantha* 1904

*Werauhia rugosa* 1904

## HONORS

*Wercklea* Pittier & Standley 1916 (Malvaceae)

# Carmen Emilia Benitez de Rojas

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Carmen Emilia Benítez de Rojas, Venezuelan botanist (1937 –

## DESCRIBED SOLANACEAE TAXA

*Cestrum darcyanum* 1999 with Sawyer

*Cestrum jaramillanum* 1995 with D'Arcy

*Cestrum neblinense* 1990 with D'Arcy

*Cestrum ruizteranium* 1995 with D'Arcy

*Cestrum tilletti* 1995 with D'Arcy

*Cuatresia hunzikeriana* 1995 with Martínez

*Deprea paneroi* 1992 with Martínez

*Lycianthes francisci* 2000

*Schwenckia alvaroana* 2006

*Schwenckia huberi* 1990

*Schwenckia trujilloi* 1990

*Sessea jorgenseni* 2001

*Solanum badilloi* 1987

*Solanum orientale* 1984

*Solanum valadinervium* 1985 with Knapp

*Witheringia wurdackiana* 1997

## HONORS

*Rojasimalva* Fryxell 1984 (Malvaceae)

# Carmen Pujals

August 25, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carmen Pujals, Argentine phycologist (Buenos Aires 13 January 1916 – Adrogué, Buenos Aires Province 24 October 2003)

From Catalanian parentage

## DESCRIBED ALGAE TAXA

### Genera

*Camontagnea* 1981

*Medeiothamnion* 1970

### Species

*Aphanocladia robusta* 1967

*Compsogonon argentinensis* 1967

*Gastroclonium trichodes* 1967

*Thorea bachmannii* Pujals ex Sheath, Vis & Cole

## HONORS

*Pujalsia* Boraso 2017 (Rhodophyta)

# Carmen Velasquez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carmen Camacho Velasquez, Philippine fish parasitologist (Bayambang, Pangasinan Province 07 August 1913 – 16 October 1994)

## DESCRIBED VALID TAXA

### Helminths

#### Trematoda

##### Genera

*Allometabenedeniella* 1982

*Pseudallacanthochasmus* 1961

##### Species

*Acanthoparyphium paracharadrii* 1964

*Acanthotrema tanayensis* 1973

*Alcicornis cirrudiscoides* 1959

*Allometabenedeniella plataxi* 1982

*Bucephalus confusus* 1959

*Bucephalus fragilis* 1959

*Bucephalus leognathi* 1959

*Bucephalus paraheterotentaculatus* 1959

*Capsala philippina* 1982

*Clinostomum philippinensis* 1960

*Cloacitrema philippinum* 1969

*Didymozoon bravohollisae* 1970

*Encotyllabe caballeroi* 1977

*Erilepturus neopacificus* 1962

*Euryakaina manilensis* 1961

*Euparyphium paramurinum* 1964

*Hurleytrema malabonense* 1961

*Lecithocladium apolecti* 1962

*Menziesia malaboni* 1982

*Neobenedenia manilae* 1982

*Prosorhynchoides philippinorum* 1959

*Prosorhynchus longus* 1959

*Prosorhynchus luzonicus* 1959

*Prosorhynchus mcintoshi* 1959

*Prosorhynchus paracrucibulus* 1959

*Pseudallacanthochasmus grandispinus* 1961

*Rhipidocotyle eggletoni* 1959

*Rhipidocotyle laruei* 1959

*Spirocamallanus philippinensis* 1980

#### Nematoda

##### Species

*Capillaria philippinensis* 1968 with Chitwood & Salazar (human parasite)

Other two species

#### Copepoda

##### Species

*Ergasilus philippinensis* 1951

## HONORS

*Velasquezotrema* Eduardo & Javellana 1987 (Trematoda)

# Carola Sutton

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Carola Ana Sutton de Licitra, Argentine helminthologist and parasitologist (Buenos Aires 24 April 1946 – La Plata 09 April 2000)

## DESCRIBED NEMATODA/TREMATODA TAXA

### Genera

*Guerrerostrongylus* 1991 with Durette-Desset

*Lagostonema* 1987 with Durette-Desset

*Malvinema* 2003 with Digiani & Durette-Desset

*Nematomystes* 1980 with Chabaud & Durette-Desset

*Pseudoquinqueserialis* 1981

*Tapironema* 1997 with Chabaud & Durette-Desset

*Trichofreitasia* 1991 with Durette-Desset

### Species

*Enterobius yagoi* 1979

*Graphidioides kravetzi* 1995 with Durette-Desset

*Guerrerostrongylus uruguayensis* 1991 Durette-Desset

*Echinostoma platensis* 1994 with Lunaschi

*Heteroxynema viscaciaea* 1989 with Hugot

*Lagostonema ecasiense* 1987 with Durette-Desset

*Malvinema carolinae* 2003 with Digiani & Durette-Desset

*Malvinema frederici* 2003 with Digiani & Durette-Desset

*Malvinema victoriae* 2003 with Digiani & Durette-Desset

*Nematomystes rodentiphilus* 1980

*Physaloptera calnuensis* 1989

*Pseudoquinqueserialis caviae* 1981

*Rictularia massoi* 1979

*Stilestrongylus aureus* 1985 with Durette-Desset

*Stilestrongylus azarai* 1985 with Durette-Desset

*Stilestrongylus flavescens* 1991 with Durette-Desset

*Stilestrongylus oryzomysi* 1991 with Durette-Desset

*Syphacia oryzomae* 1978

*Tapironema coronatum* 1997 with Chabaud & Durette-Desset

*Taxorchis ringueleti* 1975

*Trichofreitasia lenti* 1991 with Durette-Desset

*Wellcomia dolichotis* 1987 with Hugot

*Zonorchis oxymycterae* 1983

## HONORS (Nematoda)

*Caroloxylus* Jimenez-Ruiz & Gardner 2003

*Suttonema* Digiani & Durette-Desset 2003



# Catarina Satie Takahashi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Catarina Satie Takahashi, Brazilian geneticist (Bauru, São Paulo State 20 April 1942 –

From Japanese ancestry

Showed that low doses of radiation are able to induce chromosome breaks enhancing the rate of chromosomal translocations

Cytogenetical studies of the effects of high natural levels in *Tityus bahiensis* (Scorpiones, Butidae) from Morro do Ferro, Brazil. Radiation Research 67:371-81, 1976

With S. Ichikawa observed that scattering radiations display mutagenic action more efficient than direct radiations (1977)

With Cristiano Profeta patented an electric trough for electrophoresis in slides (2013)

# Cecilio Romaña

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cecilio Felix Romaña Berón de Astrada, Argentine parasitologist (San Javier, Santa Fe Province 16 June 1899 – Barcelona, Spain 09 February 1997)

Authored about 180 works (120 of them on Chagas disease)

Described ocular chagome or Romaña sign

Acerca de un síntoma inicial de valor para el diagnóstico de la forma aguda de la enfermedad de Chagas. La conjuntivitis schizotripanosómica unilateral (hipótesis sobre la puerta de entrada conjuntival de la enfermedad). MEPR 22:16-25, 1935

Established technical basis for Chagas disease prophylaxis employing residual action insecticides (i.e. Gammexane or BHC in 1947) independently from Pellegrino & Dias

With J.W. Abalos. Acción del "Gammexane" sobre los triatómidos. "Control" domiciliario. An. Inst. Med. Reg. Tucumán 2:95-106, 1948

With J.W. Abalos described the hemipteran species *Triatoma delpontei* 1947

Patented a procedure for treatment of reactive antigen for diagnosis of chronic listeriosis

Procedimiento para la preparación de un antígeno reactivo para la diagnosis de la listeriosis crónica. Spanish patent, 1981

# Cengiz Uluçay

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cengiz Uluçay, Turkish mathematician (Istanbul 15 February 1915 – 1989)

Restricted sheaf theory. J. Fac. Scien. K.T.U. 3(7):59-68, 1980

## OTHER CONTRIBUTIONS

A criterion for restricted ideal sheaves and on regular covering spaces. Comm. Fac. Scien. de l'Univ. D'Ankara Ser A 33:15-20, 1984

On an extremalization method in the theory of analytic functions. Comm. Fac. Scien. de l'Univ. D'Ankara 23:85-93, 1974

A general formulation of an extremalization problem. Comm. Fac. Scien. de l'Univ. D'Ankara 19 A:11-22, 1971

Bloch functions and the definition of a new constant (1954)

On a general principle in the theory of analytic functions

# Cesar Ferreira Pinto

April 17, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cesar Ferreira Pinto, Brazilian zoologist and parasitologist (Cruz Alta, Rio Grande do Sul State 02 April 1896 – Rio de Janeiro 28 July 1964)

Authored about 300 works between them Artropodes parasitas e transmissores de doenças (1929-30) with international recognition

With Magarinos Torres demonstrated the mode of eliminating eggs by *Schistosoma mansoni* in gastrointestinal tube (1945)

De la présence d'un stigmate respiratoire sur les tarses du *Cimex hemipterus*, *C. lectularius*, *Pediculus humanus*, *Haematopinus eurysternus* et chez les larves de *Triatoma megista*. Bol. Biol. 8:115-28, 1927

## METHODS

With A.F. Almeida. Um novo método para profilaxia da esquistossomose mansoni. Mem. Inst. Oswaldo Cruz 40(3):291-318, 1944

Technica para o estudo das sanguessugas. Scien. Med. 1(1):44-5, 1923

Cesar Pinto technique for mounting of Trematoda and Cestoda specimens

## DESCRIBED TAXA

### Families

Ozobanchidae 1921 (Hirudinea)

Triatomidae 1931 (Hemiptera)

### Genera

#### Protozoa

*Cariniella* 1926

*Cruzella* 1923 with Faria & Cunha

*Fonsecaia* 1918

*Ichthyobodo* 1928

*Mitrocystis* 1927

*Protomagalhaensia* 1918

#### Hemiptera

*Eutriatoma* 1926

*Neotriatoma* 1930

*Ornithocoris* 1927

*Otiodyctylus* 1927

#### Diptera

*Neivamyia* 1930 with Fonseca

#### Hirudinea

*Trachybdella* 1920

#### Nematoda

*Bunostomoides* 1935

### Species

85 species between Protozoa, Hemiptera, Diptera, Hirudinea, Helminths, Acari & Siphonaptera)

## HONORS

*Pintospora* Carini 1944 (Protozoa)

*Pintobdella* Caballero 1937 (Hirudinea)

*Pintonema* Travassos 1935 (Nematoda)

*Pintomyia* Costa Lima 1932 (Diptera)

# Cesar Nahoum

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Cesar Roberto Dias Nahoum, Brazilian andrologist (Niteroi, Rio de Janeiro State 13 July 1944 –

With W.A. Hadler noticed that male genitalia presents a high number of mast cells (1987)

Proposed that histamine injection directly in the penis for treatment of male impotence (1988)

## **PATENTS (Home & Abroad)**

Utilização de drogas eretogênicas e respectivas metodologias de aplicação PI9203277-0 A2 (1992) & US5908853 A (1993)

Novel compositions EP0655914 A4 (1992)

Method of treating sexual dysfunction in animals with h agonist WO1994004120 A3 (1993)

Use of histamine-2 agonist for treatment of sexual dysfunction EP0655914 B1 (1993)

The use of h2 and h3 agonists to treat sexual dysfunction CA2142875 A1 (1993)

Compositions for treating sexual dysfunction IL107476 (1993)

PI9400614-8 (1994)

Utilização de drogas eretogênicas e respectivas metodologias de aplicação PI1100547-5 A2 (1997) & US5773457 A (1995)

US5952361 (1998)

# Cesar Uribe Piedrahita

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Cesar Uribe Piedrahita, Colombian parasitologist and novelist (Medellín 19 November 1896 – Bogotá 17 December 1951)

Discovered that bites of *Rhodnius* sp. transmit trypanosomiasis too (1926)

With H. Groot & S. Renjifo, discovered *Trypanosoma ariarii*, causative agent of trypanosomiasis of Ariari River Valley (1951)

With K. Mezey performed the first pharmacodynamical study about poison niaara (1945)

With Kalman Mezey, Pataki & Huertas Lozano isolated cardioactive glycoside niaarine and described its properties and effects (1948-9)

Described new species as *Cercaria reptans* (1925), *Cercaria usaquenensis* (1944), *Alaria arisaemoides* 1927 and *Crithidia orthea* 1926

## HONOURS

Order of Nile River by King Fouad of Egypt

## LINKS

[http://www.accefyn.org.co/revista/VoL\\_21/80/295-311.pdf](http://www.accefyn.org.co/revista/VoL_21/80/295-311.pdf) (Spanish)

# Cesar Vargas Calderón

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Julio Cesar Vargas Calderón, Peruvian botanist and explorer (Cusco 26 April 1903 – 30 November 2002)

## DESCRIBED VALID PLANTAE SPECIES

*Amaryllis condemaita* 1984

*Clinanthus imasumac* 1969

*Bomarea ferreyrae* 1955

*Bomarea longistyla* 1965

*Bomarea tacnaensis* 1965

*Eccremocarpus huianacapac* 1948

*Eustephia darwinii* 1960

*Eustephia kawidei* 1975

*Eustephia longibracteata* 1955

*Gentiana reflexifolia* 1944 with Killip

*Hippeastrum amaru* 1960

*Hippeastrum bukasovii* 1975

*Hippeastrum cuzcoensis* 1975

*Hippeastrum hugoi* 1984

*Hippeastrum intiflorum* 1960

*Hippeastrum leonardii* 1984

*Hippeastrum macbridei* 1970

*Hippeastrum machupijchensis* 1976

*Hippeastrum variegata* 1975

*Ismene hawkesii* 1975

*Ismene morrisonii* 1943

*Lupinus ccorilazensis* 1948

*Mastigostyla herrerae* 1945

*Nolana johnstonii* 1955

*Nolana urubambae* 1955

*Rubus bozae* 1944

*Rubus chloropetalus* 1944

*Rubus glaucophyllus* 1944

*Solanum buesii* 1943

*Solanum lignicaule* 1943

*Solanum pillahuatense* 1956

*Stenomesson weberbaueri* 1974

*Trichlora sandwithi* 1969

*Urceolina cuzcoensis* 1974

*Urceolina robledoana* 1960

## HONORS

*Vargasiella* C. Schweinfurth 1952 (Orchidaceae)

# Cesar Zanolli

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Cesar Zanolli, Italian-born Argentine veterinarian (Belluno Province 28 May 1882 – Buenos Aires 28 October 1959)

Authored over 30 papers

## DEVELOPED

Nasal pterygoplexia for facial nerve palsy in horses

A new procedure to conserve anatomical preparations at room temperature

A vaginotome for cows

A laryngeal separator

A ventricular extractor

## LINKS

[http://www.anav.org.ar/index.php?option=com\\_content&view=article&id=248:zanolli-cesar-dr-mv-&catid=43:de-numero-fallecidos&Itemid=69](http://www.anav.org.ar/index.php?option=com_content&view=article&id=248:zanolli-cesar-dr-mv-&catid=43:de-numero-fallecidos&Itemid=69) See [http://www.anav.org.ar/index.php?option=com\\_content&view=article&id=248:zanolli-cesar-dr-mv-&catid=43:de-numero-fallecidos&Itemid=69](http://www.anav.org.ar/index.php?option=com_content&view=article&id=248:zanolli-cesar-dr-mv-&catid=43:de-numero-fallecidos&Itemid=69). (in Spanish)



# Cezar Martins de Sa

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Cezar Martins de Sá, Brazilian molecular geneticist (1948 – Brasília 25 January 2011)

Co-discovered the prosome, a small RNP complex

With H.P. Schmid, O. Akhayat, F. Puvion, K. Koehler & K. Scherrer. The prosome: an ubiquitous morphological distinct RNP particle associated with repressed mRNPs and containing specific ScRNA and a characteristic set of proteins. *EMBO J.* 3(1):29-34, 1984

With H.P. Schmid, A. Horsch, K. Scherrer, F. Broders, O. Akhayat & M.F. Grossi de Sá. Prosomes. Ubiquity and inter-species structural variation. *J. Mol. Biol.* 187(4):479-93, 1986

With M.F. Grossi de Sá, O. Akhayat, F. Broders & K. Scherrer isolated the prosomes from the cytoplasm (1986)

Found the prosomes in the nucleus

With M.F. Grossi de Sá, F. Harier, O. Coux, O. Akhayat, J.K. Pal, Y. Florentin & K. Scherrer. Cytolocalization of prosomes as a function of differentiation. *J. Cell Sci.* 89(2):151-65, 1988

With O. Akhayat, A.A. Infante, D. Infante, M. F. Grossi de Sá & K. Scherrer. A new type of prosome like-particle, composed of small cytoplasmic RNA and multimers of a 21kDa protein, inhibits protein synthesis in vitro. *Eur. J. Biochem.* 170(1-2):23-33, 1987

With E.O. Melo, R. Dhalia, N. Standard & O.P. de Melo Neto. Identification of a C-terminal poly(A)-binding protein (PABP)-PABP interaction domain: role in cooperative binding to poly(A) and efficient cap distal translational repression. *J. Biol. Chem.* 278(47):46357-68, 2003

With A.O. Ericsson, L.O. Faria, W.B. Cruz & B.D. Lima. TcZFP8, a novel member of the Trypanosoma cruzi, CCHC zinc finger protein family with nuclear localization. *Genet. Mol. Res.* 5(3):553-63, 2006

With M.F. Grossi de Sá, M.A. Veronese, S. Astolfi Filho & E. Gander co-described *Crithidia brasiliensis* (1980)

# Chakravartula Gopal Krishna Ramanujam

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chakravartula Gopala Krishna Ramanujam, Indian palaeobotanist and palynologist (Guntur, Andhra Pradesh State 25 August 1931 –

## DESCRIBED FOSSIL TAXA

### Sporae/ Pollen

*Bacubrevitricolpites* 1981 with Rao

*Baksipollis* 1985 with Reddy & Sharma

*Clavapalmaedites* 1978 with Rao

*Clavaperiporites* 1966

*Clavasyncolpites* 1981 with Rao

*Clavatricalporites* 1966

*Crotonisulcites* 1978 with Rao

*Crotonoidaepollenites* 1981 with Rao

*Echinosulcites* 1975 with Rao

*Edvapollis* 1975 with Rao

*Farsonsidites* 1982

*Foveoretitricolpites* 1975 with Rao

*Grandizonaropollis* 1966

*Hexagonopollis* 1985 with Reddy & Sharma

*Hippocrateaceaedites* 1966

*Iridacidites* 1987

*Jacobipollenites* 1966

*Loranthipites* 1982 with Rao

*Margocolporites* 1966

*Neyvelipollenites* 1966

*Neyvelisporites* 1972

*Ornasporonites* 1978 with Rao

*Ornatetradites* 1981 with Rao

*Ornatiporites* 1981 with Rao

*Padappakkarapollis* 1981 with Rao

*Paravuripollis* 1978 with Rao

*Pentadesmapites* 1985 with Reddy & Sharma

*Permathyrites* 1982

*Pseudocolpopollis* 1975 with Rao

*Quilonipollenites* 1978 with Rao

*Retipilonapites* 1966

*Scabramonoletes* 1966

*Striatocolporites* 1966

*Trilatiporites* 1966

*Triquetropollis* 1984 with Reddy & Sharma

### Fungi

*Alleppeysporonites* 1979 with Rao

*Cannanorosporonites* 1979 with Rao

*Foveoletisporonites* 1979 with Rao

*Hapalophragmites* 1980 with Ramachar

*Milesites* 1980 with Ramachar

*Palaeoamphisphaerella* 1980 with Srisailam

*Palaeocirrenalia* 1980 with Srisailam

*Pucciniasporonites* 1980 with Ramachar

*Ravenelites* 1980 with Ramachar

*Retihelicosporonites* 1979 with Rao

*Warkallisporonites* 1979 with Rao

#### **Plantae**

*Bischofiaoxylon* 1960

*Brideliaoxylon* 1956

*Dalbergioxylon* 1960

*Glochidioxylon* 1956

*Putranjivoxylon* 1956

*Tamarindoxylon* 1959

#### **HONORS (Fossil)**

*Ramanujamiaspora* Kar & Sah 1970 (Sporae/Pollen)

*Ramanujamiastrobis* Srivastava 1996 (Plantae)

*Ramasricellites* Kalgutkar & Jansonius 2000 (Fungi)

*Ramanujamipalmaephyllum* Banerjee, Mitra & Das 2005 (Plantae)

# Chandra Prakash Varma

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Chandra Prakash Varma, Indian paleontologist (fl.1950-81)

## DESCRIBED FOSSIL TAXA

### Pollen & Sporae (with Rawat 1963)

#### Genera

*Foveodiporites*

*Granodiporites*

*Psilodiporites*

*Punctodiporites*

*Retidiporites*

*Striadiporites*

#### Species

*Acanthotriletes halei* 1969

*Anapiculatisporites mcgregorii* 1969

*Cyclogranulatisporites mcallisteri* 1969

*Foveodiporites anklesvarensis* 1963 with Rawat

*Granodiporites erdtmanii* 1963 with Rawat

*Granodiporites piercei* 1963 with Rawat

*Granodiporites sahnii* 1963 with Rawat

*Pediastrum delicatites* 1965 with Srivastava

*Perotriletes graysonii* 1969

*Psilodiporites bharadwaji* 1963 with Rawat

*Psilodiporites cooksinae* 1963 with Rawat

*Psilodiporites elongatus* 1963 with Rawat

*Psilodiporites gunniae* 1963 with Rawat

*Psilodiporites inaequalis* 1963 with Rawat

*Psilodiporites hammenii* 1963 with Rawat

*Psilodiporites krempii* 1963 with Rawat

*Psilodiporites sahnii* 1963 with Rawat

*Punctatisporites delicatus* 1969

*Punctatisporites greineri* 1969

*Punctodiporites harrisii* 1963 with Rawat

*Retidiporites bengalensis* 1963 with Rawat

*Stenozonotriletes arguei* 1969

*Striadiporites reticulatus* 1963 with Rawat

#### Algae

#### Genera

*Mathurosphaera* 1964 with Dangwal

*Morelletpora* 1950

#### Species

*Acicularia indica* 1954

*Archaeolithothamnium lakiensis* 1952

*Archaeolithothamnium nammalense* 1952

*Archaeolithothamnium zonatum* 1952

*Clypeina sahnii* 1952

*Distichoplax raoi* 1962

*Gymnocodium piai* 1953 with Rao

*Hemicystodinium taugourdeai* 1964 with Dangwal

*Hystrichosphaera pseudofurcata* 1964 with Dangwal  
*Hystrichosphaeridium cambayense* 1964 with Dangwal  
*Hystrichosphaeridium mineralosum* 1964 with Dangwal  
*Hystrichosphaeridium perplexum* 1964 with Dangwal  
*Lithophyllum wynnei* 1953  
*Mathurosphaera rajivi* 1964 with Dangwal  
*Mesophyllum lakiense* 1953  
*Mesophyllum punjabense* 1953  
*Morelletpora nammalensis* 1950  
*Solenomeris douvillei* 1953 with Rao

## **Plantae**

### **Genera**

*Meliaceaephyllum* 1968

### **Species**

*Meliaceaephyllum mahagonites* 1968  
*Mesembrioxylon sarmai* 1954  
*Mesembrioxylon trichinopoliense* 1954

# Chandrasekhara Venkata Raman

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Chandrasekhara Venkata Raman, Indian physicist (Thiruvanaikoil, Tiruchirappalli, Madras 07 November 1888 – Bangalore, Karnataka 21 November 1970)

Authored 465 publications

## ACHIEVEMENTS

A new method for the absolute determination of frequency. Proc. Royal Soc. London, 1919.

Discovered with K.S. Krishnan and independently from Landsberg & Mandelshtam, inelastic scattering of light or Raman effect (1928)

With K.S. Krishnan. A new type of secondary radiation. Nature 31, 1928

Discovered the quantum photon spin

With S. Bhagavantam. Experimental proof of the Spin of the Spin. Nature 129:22, 1932.

Provided the correct theoretical explanation for the acousto-optic effect (Raman-Nagendra Nath theory of diffraction of light by ultrasonic waves in liquids)

With N.S. Nagendra Nath. Diffraction of Light by Ultrasonic Waves. Nature (London), 1936.

Demonstrated that the luminescence of a diamond excited by ultraviolet light is a characteristic of the diamond itself

First to study spectroscopically the flowers

With T.M.K. Nedungadi discovered a soft mode in quartz

## EPONYMY

Raman lines

Raman frequencies

Raman spectroscopy

Raman spectrum

Raman shifts

Raman-Nath diffraction

Raman-Nath parameter

Raman-Nath approximation

Raman process

Raman active and inactive

Raman intensities

Raman mechanism

Raman selection rules

Raman surface

## HONORS

Ramanite Thomas, Davidson & Hahn 2008 (Mineral)

Raman crater (Moon)

Physics Nobel Prize (1930)

# Changxu Shi

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Changxu Shi, Chinese metallurgist and materials scientist (Xushui District, Hebei Province 15 November 1920 – Beijing 10 November 2014)

Authored over 300 papers

Established Fe-Mn-Ar and Cr-Mn-N steel systems

With M.Z. Cao, X.J. Wan & S.J. Gao. A new analysis of hydrogen diffusion in metals with trapping. J. Mater. Sci. Technol. 5(4):247-53, 1989

## DEVELOPED

First iron-nickel base superalloy

Hot corrosion resistant casting nickel-base superalloy

Technology of low segregation superalloy

With G.X. Sui, B. Zhou & Z.G. Zheng. Vinyon-reinforced aluminium laminate or Virall, a new superhybrid composite material (1993)

## HONOURS

28468 Shichangxu (Asteroid)

Innovations in Real Materials Award, International Union of Materials Research (1997)

# Charles A. Paiva

April 17, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Charles A. Paiva, Indian entomologist (Purneah, Bihar 30 May 1878 – 11 August 1919)

## DESCRIBED HEMIPTERA TAXA

### Genera

*Metrocoropsis* 1919

*Paralibavius* 1919

### Species

*Amemboa lyra* 1918

*Angilovelina yalba* 1918

*Bagauda cavernicola* 1919

*Chrysocoris garoensis* 1919

*Colpura sulcata* 1919

*Dasynus relatus* 1919

*Cymoninus turaensis* 1919

*Enithares intha* 1919

*Enithares lactea* 1919

*Eusthetus insularis* 1918

*Exithemis similis* 1919

*Gorpis annulatus* 1919

*Harpactor varians* 1918

*Hebrus bombayensis* 1919

*Himacerus assamensis* 1919

*Metrocoropsis fermoratus* 1919

*Microvelia atromaculatus* 1919

*Microvelia burmanica* 1918

*Microvelia sexualis* 1917

*Nabis assamensis* 1919

*Nerthus kempfi* 1919

*Nychia infuscata* 1918

*Onychotrechus lyra* 1918

*Paralibavius singularis* 1919

*Perittopus maculatus* 1919

*Sastragala trilineata* 1919

*Scadra castanea* 1919

*Sigara dubia*

*Sigara septemlineata* 1918

*Ventidius distantii* 1918

## HONOURS

*Paivanana* Distant 1918 (Hemiptera)



# Charles Chia Chu Tao

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Charles Chia Chu Tao, Taiwanese entomologist (1911-1999)

## DESCRIBED HEMIPTERA GENERA

*Aulacophoroides* 1976

*Chaetogeica* 1958 with Remaudiere

*Chuansicallis* 1964

*Chuaspis* 1982 with Wong

*Chucallis* 1964

*Ericolophium* 1963

*Kaochiaaja* 1963

*Maacoccus* 1983 with Wong & Chang

*Microunguis* 1966

*Myzosiphum* 1964

*Neocyrthosiphon* 1963

*Nearhopalomyzus* 1963

*Neosaissetia* 1983 with Wong & Chang

*Omeimegoura* 1963

*Paracardicoccus* 1978

*Paraphorodon* 1938 with Tseng

*Paraxanthogramma* 1971 with Chiu

*Podoparalecanium* 1983 with Wong & Chang

*Saccharipulvinaria* 1983 with Wong & Chang

*Sinocallis* 1938 with Tseng

*Sinocolopha* 1970

*Sinonipponaphis* 1966

*Sinosiphoniella* 1963

*Sumoia* 1963

*Taiwanomyzus* 1963

*Taiwansaissetia* 1983 with Wong & Chang

*Tuberoaphis* 1938 with Tseng

## HONORS

*Taoia* Quednau 1973 (Hemiptera)

# Charles Dillon Perrine

April 17, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Charles Dillon Perrine, US-born Argentine astronomer (Steubenville, Ohio State 28 July 1867 –Villa del Totoral, Cordoba Province 21 June 1951)

## ACHIEVEMENTS

Discovered 9 comets (1895-1902) between them Perrine-Mrkos comet (1896), Perrine-Lamp (1896) and Perrine-Chofardet (1898)

Discovered 2 moons of Jupiter: Himalia (1904) and Elara (1905)

Developed a method for astronomical photographs

## HONORS

Prix Lalande, Académie des Sciences de France (1897)

Perrine crater in Moon

Asteroid 6779 Perrine

# Charles Frederick Robbs

April 23, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Charles Frederick Robbs, Brazilian microbiologist and plant pathologist (Olinda, Pernambuco State 18 January 1920 – Rio de Janeiro 03 January 2012)

From English father

Authored about 100 works

The second in the world to report mycoplasma-like organisms causing plant diseases

With E.W. Kitajima. Association of a mycoplasma-like organism with chayote witch's broom. International Congress of Plant Pathology. p.80. 1978.

Proposed the term pathovar and suggested the term subspecies for some genera of bacteria

With J.W. Young, D.W. Dye, J.F. Bradbury & G.C. Panagopoulos A proposed nomenclature and classification for plant pathogenic bacteria. New Zealand J. Agric. Res. 21:153-77, 1978

## DESCRIBED

*Erwinia psidii* 1987 with Rodrigues Neto & Yamashiro (causal agent of bacterial blight of guava *Psidium guajava*)

*Pseudomonas caricapapayae* 1956, causal agent of bacterial leaf spot of *Carica papaya*

## DISCOVERED OTHER DISEASES OR AGENTS

Uma nova doença do fumo (*Nicotiana tabacum*) causada por *Pseudomonas cichorii* (Swingle) Stapp. Rev. Agric. 35(1):59-60, 1960

With O. Kimura & R.L.D. Ribeiro. A preliminary note: a new bacterial disease of garden beets (*Beta vulgaris* L. var. *hortensis*). Arqu. Univ. Fed. Rur. Rio de Janeiro 4(1):83-4, 1971

Nova enfermidade da fruteira do conde (*Annona squamosa* L.) causada por patotipo de *Calonectria rigidiuscula* (Berk & Br.) Sacc. Fitopatol. ALF 9(2):69, 1974

With O. Kimura & R.L.D. Ribeiro. *Xanthomonas campestris* sp. *betae* sp. nov. incitante da “mancha bacteriana” das folhas de beterraba (*Beta vulgaris*). Rev. Soc. Bras. Fitopatol. 9:3, 1976

With O. Kimura, F. Akiba & J. Teranishi. A identificação de um novo patotipo de *Xanthomonas vesicatoria* (Doidge) Dowson infectando a berinjela (*Solanum melongena* L.). Rev. Soc. Bras. Fitopatol. 1976

With O. Kimura & A.G. Medeiros. Uma doença do guaranazeiro causada por um novo patovar de *Xanthomonas campestris*. Fitopatol. Bras. 3(1):104-5, 1978

With O.C. Almeida, F. Akiba & O. Kimura. Enfermidade nova do pimentão causado por *Rhizoctonia solani* Kuhn no Brasil. Fitopatol. Bras. 5:7-10, 1980

With O. Kimura & R.L.D. Ribeiro. Descrição de um novo patovar de *Xanthomonas campestris* em beterraba hortícola e estudo comparativo com *Xanthomonas beticola*. Fitopatol. Bras. 6(3):387-94, 1981

With O. Kimura & A.G. Medeiros. Mancha bacteriana das folhas do guaranazeiro causada por um novo patovar de *Xanthomonas campestris*. Arq. Univ. Fed. Rur. Rio de Janeiro 5(2):195-201, 1982

With O. Kimura, J. Rodrigues Neto & V.A. Malavolta Jr. Bacterial spot and blight of yellow shrimp (*Pachystachys lutea*) caused by a new pathovar of *Xanthomonas campestris*. Summa Phytopathol. 15(2):174-9, 1989

With O.C. de Almeida & M.A.Z. Maia. Nova doença do guaranazeiro causada por *Cylindrocladium clavatum*. Anais 2º Encontro Nac. Fitossanit. 2:41-50, 1992

With O. Kimura, R.L.D. Ribeiro & L.C. Oyadomuri. Crestamento bacteriano das folhas. Nova enfermidade do cafeeiro (*Coffea arabica*) incitada por *Pseudomonas cichorii* (Swingle) Stapp

With O. Kimura. Uma doença bacteriana do guaranazeiro

## METHODS

Descrição de um método prático para a constatação de *Pseudomonas solanacearum* Smith em tubérculos suspeitos de batatinha para efeito de certificação. Rev. Oler. 2:146-53, 1962

Alguns métodos rápidos para a identificação de bactérias patogênicas em batata-semente. Agronomia 24:33-9, 1966

## HONORS

*Robbsia* Lopes-Santos, Castro, Ferreira-Tonin, Correa, Weir, Park, Ottoboni, Rodrigues Neto & Destefano 2017 (Bacteria)

# Charles Henry Tyler Townsend

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Charles Henry Tyler Townsend, US-born Brazilian entomologist (Oberlin, Ohio State 05 December 1863 – Itaquaquecetuba, São Paulo State 17 March 1944)

Authored about 650 papers

## Applied Entomology

First to identify the insect vector of Peruvian warts and Oroya fever (*Lutzomyia verrucarum*)

La titira es la transmisora de la verruga. La Cronica Medica 29:640-3, 1913

A *Phlebotomus* the practically certain carrier of verruga. Science 38:194-5, 1913

The history, etiology and transmission of verruga peruana, with an outline of the asexual cycle of its causative organism (1917)

Found an effective biological control for the cotton square-weevil (1912)

Cyanogas, calcium cyanide for the control of *Atta sexdens* L. in Brazil. J. Econ. Entomol. 18(6):840-2, 1925

## Others

A new application of taxonomic principles. Ann. Entomol. Soc. America 6(2):226-32, 1913

A simple and convenient system of keeping general entomological records. J. Econ. Entomol. 4(2):249-52, 1911

## Papers in top journals

Proposals for new basic physical postulates. Nature 152(3854):308, 1943

On the reproductive and host habits of *Cuterebra* and *Dermatobia*. Science 42:253-5, 1915

The relation between lizards and *Phlebotomus verrucarum* as indicating reservoirs of verruga. Science 40:212-4, 1914

On the identity of verruga and Carrión disease. Science 39:99-100, 1914

On the history of cottons and cotton weevils. Science 37:638-9, 1913

Genotypes are the species upon which genera are based. Science 34:116-8, 1911

On muscoid and specially tachinid synonymy. Science 33:860-3, 1911

Antarctica as a former land connection between the continents. Science 32:759-60, 1910

The trinomial question in nomenclature. Science 21(525):105, 1893

On biological nomenclature. Science 20:164, 1892

The systematic position of the Diptera. Science 19:320, 1892

## Taxonomy

Published the monumental work Manual of Myiology (1934-42) comprising 3,760 pages and 94 plates in 12 parts about taxonomy and systematics of Diptera

## DESCRIBED NEW ARTHROPODA TAXA

1,491 genera (about 1,000 are considered valid)

1, 574 valid species of Diptera

New species of ticks, Hemiptera, Coleoptera and Neuroptera

## Fossil

Five new genera of fossil *Ostreomuscaria* (Diptera). Ent. News 49:166-7, 1938

Some new Muscoid genera, ancient and recent. Insec. Inscit. Menst. 9:132-4, 1921

*Lithohypoderma*, a new fossil genus of oestrids Insec. Inscit. Menst. 4(10-2):128-30, 1917

## HONORS (Diptera)

*Townsendia* Williston 1895

*Townsendmyia* Prado & Fonseca 1932

*Townsendisca* Souza Lopes 1973

# Charles Pinel

April 17, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Charles Pinel, French-born Brazilian merchant and botanical collector (Paris 05 May 1802 – Nova Friburgo, Rio de Janeiro State 18 July 1871)

Son of famous psychiatrist Philippe Pinel

Authored Nouvelle classification de la famille des orchidées. Bull. Acad. Roy. Sciences Bell. Lettr. 22-23(1):87, 1856

## HONORS

*Pinelia* Lindley 1853 (Orchidaceae)

# Charles Theodore Ramsden

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Charles Theodore Ramsden de La Torre, Cuban naturalist (Santiago de Cuba 11 February 1876 – Santiago de Cuba 24 August 1951)

From English father and nephew of naturalist Carlos de la Torre

## DESCRIBED NEW TAXA

### Reptilia

#### Valid Species (with Barbour)

- Anolis allogus* 1919
- Anolis mestrei* 1916
- Anolis quadriocellifer* 1919
- Anolis rubribarbus* 1919
- Sphaerodactylus intermedius* 1919
- Sphaerodactylus scaber* 1919

### Mollusca

- Amphistemma pilsbryana* 1914
- Annularia mayensis* 1914 with Torre
- Annularisca prestoni* 1914
- Arangia scobinata* 1915 with Torre
- Brachypodella torreana* 1914
- Diplopoma torrei* 1915
- Gongylostomella mayensis* 1915 with Torre
- Limadora tollini* 1915
- Planostemma intusfalcata* 1929 with Torre
- Pseudosubulina iridescens* with Torre
- Caracolus marginella goodrichi*

### Lepidoptera

- Ganyra josephina menicae* 1914
- Kricogonia cabrerai* 1920
- Xylophanes clarki* 1921

## HONORS

- Ramsdenia* Preston 1913 (Mollusca)

# Charles Wambebe

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Charles Obadiah Nimma Wambebe, Nigerian pharmacologist (Emi-Tsado, Benu State 08 August 1946 –

Authored over 150 papers

## CONTRIBUTIONS

Developed drugs from local plants for the treatment of sickle cell anaemia, peptic ulcer, tropical skin infection and diabetes

Developed a technique of HPLC for simultaneous determination of monoamines

With D. Naur & G. Osuide. Simultaneous determination of monoamines and their principal metabolites in brain tissue of the young chick by reversed-phase ion-pair high performance liquid chromatography. J. Pharmacol. Biomed. Anal. 7(7):899-905, 1989

## PAPERS IN TOP JOURNALS

With K. Bryc, A. Auton, M.R. Nelson, J.R. Oksenberg, S.L. Hauser et al. Genome-wide patterns of population structure and admixture in West Africans and African Americans. Proceed. Natl. Acad. Sci. 107(2):786-91, 2010

With S.A. Tishkoff, F.A. Reed, F.R. Friedlaender, C. Ehret, A. Ranciaro et al. The genetic structure and history of Africans and African Americans. Science 324 (5930):1035-44, 2009

## PATENTS

With P.O. Ogunyale, K.S. Gamanuel, R.N. Nasipuri, J.I. Okogun, B. Samuel, A. Olusola & A. Orisadipo. *Piper guineense*, *Pterocarpus osun*, *Eugenia caryophylla* and *Sorghum bicolor* extracts for treating sickle cell disease USPTO 5,800,819 (1998)

Phytodrug for treating skin fungal infections and methods of preparing and using the same. (NIPRIFAN) US5,840,310 (1998) and 40 countries

Phytodrug for management of peptic ulcer and method of preparing and using the same. (NIPRIPAN) Nigerian patent RP12581 & USPTO and 40 countries

Phytodrug for treating and management of sickle cell anemia and methods of preparing and using the same (NIPRISAN)

## HONOURS

Twentieth Century Award for Achievement, International Biographical Centre, Cambridge (1998)

# Chelakara Sivarama Vaidyanathan

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Chelakara Sivarama Vaidyanathan, Indian biochemist (Palghat, Kerala State 14 November 1931 – Bangalore 01 September 1999)

Discovered new reaction pathways involving metabolism of phenolic and chloroaromatic compounds in plants, fungi and bacteria

First to study isolated enzyme systems involved in the aromatic ring fission in higher plants

First report of the metabolism of the fungicide Dexon by a soil bacterium

With N.G.K. Karanth, S.G. Bhat & V.N. Vasantharajan. Conversion of Dexon (p-Dimethylaminobenzenediazo Sodium Sulfonate) to N,N-dimethyl-p-Phenylenediamine by *Pseudomonas fragi* Bk9. Appl. Microb. (1974)

## METHODS

With N.U. Khan & A.V. Kamath. Study of interfering substances in a simple, new spectrophotometric assay for phenylalanine ammonia-lyase. Biochem. Intern. 14(3):451-5, 1987

With S.P. Kunapuli & N.U. Khan. A simple and direct method for synthesis of S-mercuric N-dansyl cysteine. Ind. J. Biochem. (1984)

With M. Remika Prasad & M. Sugumaran. A new colorimetric method for the estimation of resorcinol. Anal. Biochem. (1977)

With P.M. Nair. A colorimetric method for determination of pyrocatechol and related substances. Anal. Biochem. 7(3):315-21, 1964

With K.V. Giri & A.N. Radhakrishnan. A simple paper chromatographic method for the study of transamination reactions. Nature 170:1025-6, 1952

## BIOCHEMISTRY

With R. Santha, H.S. Savithri, N. Appaji Rao. 2,3 dihydroxybenzoic acid decarboxylase from *Aspergillus niger*: a novel decarboxylase. Europ. J. Biochem. 230(1):1104-10, 1995

With A.V. Kamath. New pathway for the biodegradation of indole in *Aspergillus niger* (1990)

With N. Narendra, M.A. Viswamitra, R. Venkateswara & K. Sankara Rao. Structure of cryptosin monohydrate: a new cardioactive glycoside. Acta Crystal. Sec C 43(8):1562-4, 1987

With V. Subramanian. Anthranilate hydroxylase from *Aspergillus niger*: new type of NADPH-linked nonheme iron monooxygenase. J. Bacter. (1984)

With S.P. Kunapuli. Purification and characterization of a new indole oxygenase from the leaves of *Tecoma stans* L. plant Physiol. 71(1):19-23, 1983

With K.V. Giri, A.N. Radhakrishnan & K.S. Gopalkrishnan. Proline and hydroxyproline in leaves. Nature 170:579-80, 1980

With H.K. Sharma. A new mode of ring cleavage of 2,3 dihydroxybenzoic acid in *Tecoma stans* L. Europ. J. Biochem. (1975)

With S.G. Bhat & N. Ramanarayanan. Mandelic acid-4-hydroxylase, a new inducible enzyme from *Pseudomonas convexa*. Biochem. Biophys. Res. Comm. 52(3):834-42, 1973

With N.S. Sreelkela, P.V. Subba Rao & R. Premkumar. A new anthranilic acid hydroxylase from *Aspergillus niger*. Purifications and properties. J. Biol. Chem. (1969)

With N.C. Pillai & K.V. Giri. A blood anticoagulant factor from the latex of *Carica papaya*. Part I. Purification and general properties. Proceed. Ind. Acad. Sciences Sec. B 42(6):316-24, 1955



# Chen Lu Tsou

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chen Lu Tsou or Chenglu Zou, Chinese biochemist (Qingdao, Shandong Province 17 May 1923 – Beijing 23 November 2006)

## ACHIEVEMENTS

Concluded that enzyme succinate dehydrogenase is an electron carrier

First purified enzyme succinate dehydrogenase

Established the quantitative relationship between the modification of the side chain functional groups, the inactivation of the proteins and the kinetics of enzyme modification reactions

Proposed an equation for calculation of essential groups in proteins (Zou equation)

Conceived Tsou Chen Lu plot and Tsou Chen Lu statistical method

Relation between modification of functional groups of proteins and their biological activity. I. A graphical method for the determination of the number and type of essential groups. *Scientia Sinica* 11:1535-58, 1962

Showed that the concept of substrate-inhibitor competition applies to both reversible and irreversible cases

Showed the apparent rate constant for the irreversible modification step can be obtained in one experiment (widely used and cited in the literature)

Proposed the flexibility of enzyme active sites

# Chen Ning Yang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chen Ning Yang, US / Chinese physicist (Hefei, Anhui Province 01 October 1922 –

## ACHIEVEMENTS

With M. Rosenbluth laid the foundations for classifying 4 kinds of weak interactions (1949)

With J. Tiomno first to equate the universality of weak interaction (1950)

Proved the Lee-Yang theorem (1952)

Suggested that critical exponents are universal (1952)

Introduced the concept of complex fugacity and proved the unit circle theorem (1952)

Proposed Yang-Mills equations that describe fundamental interactions for elementary particles and fields (1954)

With Lee created the G parity concept (1955), predicted the violation of parity conservation (1956) and proposed the existence of W particle, an intermediate boson

Introduced the off-diagonal long-range order concept (1962)

With T.T. Chou & E. Yen proposed a geometrical model for high energy scattering (1967)

With Tai Tsun Wu introduced concepts and parameters in conjugation & parity (CP) non-conservation

## HONORS

Physics Nobel Prize (1957)

King Faisal International Prize (2001)

## EPONYMY

Treiman-Yang angle test for single pion exchange dominance (1962)

Yang-Feldman formalism

Yang theorem

Yang-Tiomno classification

Lee-Yang property

Yang-Baxter equation (1967)

Wu-Yang monopole (1968)

Yangian structures

# Chenfu Francis Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chenfu Francis Wu, Chinese entomologist (1896 – 1972)

## DESCRIBED VALID PLECOPTERA TAXA

### Genera

*Claassenia* 1934

*Styloperla* 1935

### Species

About 140

Described new species in Homoptera too

## HONORS

*Wuiessa* Hsiao 1964 (Hemiptera)

*Neowuia* Li & Muranyi 2017 (Plecoptera)

# Cheng Kui Tseng

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cheng Kui Tseng, Chinese phycologist and mariculture expert (Xiamen, Fujian Province 18 June 1909 – 20 January 2005)

Regarded as an authority on industrial and feeding properties of marine algae

Coined the term phycocolloid (1945)

Developed culture system for marine algae on scientific foundations

With Chaoyuan Wu produced a book on brown algae *Laminaria japonica* being the first even written work on cultivation of a single species of marine algae (1962)

## DESCRIBED ALGAE TAXA

### Valid Genera

*Parenchymorpha* 1984 with Hua (Cyanophyta)

*Sinocladia* 2005 with Li (Rhodophyta)

*Sinosiphonia* 1983 with Zheng (Rhodophyta)

### Species

At least 117

## HONORS

*Tsengia* Fan & Fan 1962 (Rhodophyta)

*Tsengiella* Zhang & Xia 1987 (Rhodophyta)

*Chenkuizengella* Cao, Guo, Du, Das, Saren, Jiang, Dunlap, Rooney, Yu & Li 2017 (Bacteria)

# Cheng Yih Wu

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Cheng Yih Wu or Zhengyi Wu, Chinese botanist and plant geographer (Jiujiang, Jiangxi Province 13 June 1916 – 20 June 2013)

Authored more than 140 papers and edited 20 monographs

## DESCRIBED PLANTAE TAXA

### Genera

*Archakebia* 1995 with Chen & Qin

*Calcareoboea* 1982

*Cardioteucris* 1962

*Circaeocarpus* 1957

*Heterolamium* 1965

*Houpoea* 2008 with Xia

*Pleiosorbus* 2000 with Zhou

*Psammosilene* 1945 with Wu

*Pseudocerastium* 1998 with Guo & Zhang

*Saniculiphyllum* 1992 with Ku

*Sinadoxa* 1981 with Wu & Huang

*Skapanthus* 1975 with Li

*Tetradoxa* 1981

*Thoreliella* 1957

*Wenchengia* 1965 with Chow

*Yunnanopilia* 2000 with Li

### Species

About 800

### Other Taxonomic categories

4 tribes, one subgenus, 25 sections, 3 subsections, 100 series, 10 subspecies, 243 varieties and 17 forms

## HONORS

*Baijiania* Lu & Li 1993 (Cucurbitaceae)

*Sinobaijiania* Jeffrey & De Wilde 2006 (Cucurbitaceae)

*Zhengyia* Deng, Zhang & Sun 2003 (Urticaceae)

*Wuacanthus* Deng, Peng, Xia & Peng 2016 (Acanthaceae)

*Wuodendron* Xue, Tan & Chaowasku 2018 (Annonaceae)

# Cherubala Pathayapurayil Ramachandran

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cherubala Pathayapurayil Ramachandran, Malaysian parasitologist (Kuala Lumpur 03 June 1936 – 12 January 2019)

Established new methods to improve the treatment, control and elimination of lymphatic filariasis and onchocerciasis

Made most of the clinical trials globally of the drug ivermectin

Developed laboratory infection model (*Brugia* infections in *Aedes* sp.)

With J.F.B. Edeson & W.E. Kershaw. *Aedes aegypti* as an experimental vector of *Brugia malayi*. Ann. Trop. Med. Parasit. 54:1-375, 1960

## DESCRIBED HELMINTHS TAXA

### Species

*Litomosa aelleni* 1979 with Tibayrenc & Bain

*Litomosa maki* 1979 with Tibayrenc & Bain

*Onchocerca dewittei* 1977 with Bain, Petter & Mak

## HONOURS

Mary Kingsley Award (1999)

# Cheruparambil Sankarankutty

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Cheruparambil Sankarankutty, Indian-born Brazilian marine zoologist (Trichur District, Kerala State 31 January 1937 –

A simplified and cheap tripping mechanism for oceanographic and limnological studies. *Neritica* 5(1):27-34, 1990

## BRAZILIAN PATENTS (for marine research)

Incubadora para cultivo de larvas de organismos aquáticos modelo Sankarankutty MU8201713-1 U2 (2002)

Amostrador de água modelo Sankarankutty MU760338-9 U2 (1996)

Mensageiro eletrônico modelo Sankarankutty MU6800334-0 U2 (1988)

Garrafa tipo Van Dorn-Sankarankutty MU6800335-8 U2 (1988)

Mecanismo para fechamento da rede de plâncton modelo Sankarankutty MU6800336-6 U2 (1988)

## DESCRIBED VALID CRUSTACEA TAXA

### Genus

*Pseudoporcellanella* 1962

### Species

*Neoxenophthalmus garthii* 1969

*Porcellanella haigae* 1963

*Pseudoporcellanella manioliensis* 1962

*Trichia indica* 1968

## HONORS

*Cherusius* Low & Ng 2012 (Crustacea)

# Chiao Tsai

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chiao (Qiao) Tsai (Cai), Chinese physiologist (Jieyang, Guangdong Province 10 November 1897 – 29 July 1990)

Authored over 100 papers

Discovered ventral tegmental area of Tsai, the central region in the visual sense and eyeball motional function

The optic tracts and centers of the opossum *Didelphis virginiana*. Journ. Comp. Neurol. 39(2):173-216, 1925

The descending tracts of the thalamus and midbrain of the opossum *Didelphis virginiana*. J. Comp. Neurol. 392:217-48, 1925

## SOME BIBLIOGRAPHY

A comparative study of retention curves for motor habits. Comp. Psych. Monog. 2(11):29-121, 1924

The relative strength of the sex and hunger motives in the albino rat. J. Comp. Psych. 5:407, 1925

Carbohydrate metabolism of the liver. I. Glycogen and other carbohydrates in decapitated cats. Chin. J. Physiol. 7:215-26, 19

With Chun Yu Ling. The relative diffusibility of CO<sub>2</sub> and O through various animal membranes. Chin. J. Physiol. 14(2):187-9, 1939

With C.Y. Ling. The density of animal tissues. Chin. J. Physiol. 14:39, 1939

The nature of antihemolytic substance in the plasma. Chin. J. Physiol. 16(2):165-78, 1941

With T.I. Chen. The mechanism of haemostasis in peripheral vessels. J. Physiol. 107:280-8, 1947

The action of narcotics on the conduction of nerve impulses from a single end-organ. J. Physiol. 173:382, 1981



# Chien Pei

April 17, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Chien Pei / Jian Pei, Chinese botanist (1902 – 1969)

## DESCRIBED PLANTAE TAXA

### Series (1982 with Chen)

Congestiflorae, Pyramidatae, Subscaposa & Umbraculiformes

### Species

*Actinidia hypoglauca* 1948 with Law  
*Anemone oligocarpa* 1933  
*Anemone petiolulata* 1933  
*Aspidistra caespitosa* 1939  
*Callicarpa chinyunensis* 1982 with Fang  
*Callicarpa hungtaii* 1982 with Chen  
*Callicarpa salicifolia* 1982 with Fang  
*Chloranthus hainanensis* 1935  
*Chloranthus multistachys* 1935  
*Chloranthus chekiangensis* 1936  
*Clematis dilatata* 1936  
*Clematis kweichowensis* 1934  
*Clematis laxpaniculata* 1936  
*Clerodendron henryi* 1932  
*Clerodendrum longilimbium* 1932  
*Clerodendron longipetiolatum* 1932  
*Clerodendron luteopunctatum* 1982 with Chen  
*Gymnotheca involucrata* 1934  
*Magnolia spathulata* 1934  
*Marrubium supinum* 1935  
*Pinellia peltata* 1935  
*Premna confinis* 1977 with Chen  
*Premna dopii* 1932  
*Premna fohaiensis* 1977 with Chen  
*Premna longipila* 1932  
*Premna paisehensis* 1982 with Chen  
*Premna parvilimba* 1932  
*Premna pilosa* 1932  
*Premna sunejiensis* 1932  
*Premna szemaoensis* 1932  
*Premna tenii* 1932  
*Vitex kwangsiensis* 1932  
*Vitex kweichowensis* 1931  
*Vitex lanceolata* 1932

## HONORS

Subg *Peiantha* Chun & S.L. Chen 1982 (Lamiaceae)

# Chien-shiung Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chien-Shiung Wu, Chinese-born US nuclear physicist (Luihe, Jiangsu Province 31 May 1912 – New York City 16 February 1997)

## ACHIEVEMENTS

Recognized as an authority in beta decay

Established parity violation and the symmetry of charge conjugation independent from others authors

With E. Ambler, D.D. Hoppes, R.P. Hudson & R.W. Hayward. Experimental test of parity conservation in beta decay. Phys.Rev. 105:1413, 1957.

With Y.K. Lee & L.W. Mo confirmed experimentally the conservation of the vector current in nuclear beta decay (1963)

Observed polarized electromagnetic radiation is released on electron-positron annihilation and proved that electron and positron displays positive parity

## HONORS

First woman to receive an honorary doctorate at Princeton University

First living scientist to have an asteroid named after (Wu Chien-Shiung 2752)

Wolf Prize in Physics (1978)

Physics Nobel Prize nominee

# Chih Ping

April 17, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Chih Ping or Zhi Bing, Chinese zoologist and paleontologist (Kaifeng, Henan Province 09 April 1886 – Beijing 21 February 1965)

His real name was Pingchih Chai

Authored over 65 papers on vertebrate morphology, physiology, animal taxonomy and paleontology

Described 5 new species of Gastropod mollusks (1932)

## DESCRIBED FOSSIL GENERA

### Arthropoda

*Cainoblattinopsis* 1931 (Orthoptera)

*Chironomaptera* 1929 (Diptera)

*Coptoclava* 1928 (Neuroptera)

*Mesoforicula* 1935 (Dermaptera)

*Mesohemerobius* 1928 (Neuroptera)

*Mesolygaeus* 1928 (Hemiptera)

*Mesotendipes* 1928 (Diptera)

*Mesotenopsis* 1935 (Ephemeroptera)

*Paraulacus* 1928 (Hymenoptera)

*Perlariopsis* 1928 (Plecoptera)

*Sinoelaterium* 1928 (Coleoptera)

*Sinoephemera* 1935 (Ephemeroptera)

*Sinonemoura* 1928 (Plecoptera)

*Sinoperla* 1928 (Plecoptera)

### Mollusca

*Parunio* 1931

### Vertebrata

*Mesoclupea* 1933 with Yen (Pisces)

*Polyechmatemys* 1930 (Reptilia)

*Sinohadrianus* 1929 (Reptilia)

## HONORS

*Pingia* Chang 1935 (Amphibia)

*Pingiella* Baker 1945 (Mollusca)

*Pingius* Hsiung 1932 (Protozoa)

*Pingolepis* Chang & Chow 1974 (Fossil Pisces)

*Pingus* Hsu 1933 (Nematoda)

## LINKS

<http://www.hewiki.com/view/173926.htm>

# Chike Obi

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chukwunwike (Chike) Edozien Umezei Obi, Nigerian mathematician (Zaria, Kaduna 07 April 1921– Onitsha, Anambra State 13 May 2008)

Gave monumental contribution to area of modelling with second order non-linear different equations

Contributed to finding a solution to Fermat's theorem (1994)

Fermat's last theorem. *Algebras Group Geom.* 15(3):289-98, 1998

A system of order 2 in which small subharmonics and large subharmonics coexist. *Proc. Roy. Soc. Edinburgh Sect A* 108(1-2):35-44, 1988

Analytical theory of non-linear oscillations. I. An existence theorem for periodic oscillations of equations of the second order. *Proc. Cambridge Philos. Soc.* 76:285-96, 1974

A non-linear differential equation of the second order with periodic solutions whose associated limit cycles are algebraic curves. *J. London Math. Soc.* 28:356-60, 1953

Received the International Centre for Theoretical Physics Prize 1985 "for significant contributions in the study of nonlinear ordinary differential equations with several parameters for which he established numerous results on the existence, number and some analytical expressions of harmonic, subharmonic or uniformly almost periodic solutions"

# Chirayathumadom Venkatachali Subramanian

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Chirayathumadom Venkatachali Subramanian, Indian mycologist and plant pathologist (Ernakulam, Kerala State 11 August 1924 – Bangkok 05 February 2016)

## ACHIEVEMENTS

Proposed a new system of classification of Hyphomycetes based on conidium ontogeny (1962)

Elucidated the “wild type” in the genus *Fusarium* of Indian soils (1950)

Recognized and defined six basic spore types in Hyphomycetes

Proposed new concepts and terms about conidiogenesis

Authored the monograph Hyphomycetes widely used by mycologists throughout the world to this day (1971)

## DESCRIBED

Over 130 new genera of Hyphomycetes, Coelomycetes and Ascomycota (at least 78 are valid) beyond many species in these groups

## HONORS (Fungi)

*Ascosubramania* Rajendran 1997

*Civisubramaniana* Vittal & Dorai 1986

*Ceeveesubramaniomyces* Pratibha, Hyde & Bhat 2005

*Subramania* D.Rao & Rag. Rao 1964

*Subramaniomyces* Varghese & Rao 1980

*Subramanianspora* Narayanan, Sharma & Minter 2003

*Subramaniula* Arx 1985

## LINKS

<http://www.currentscience.ac.in/Volumes/106/10/1438.pdf>

# Chong Hai Tay

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chong Hai Tay, Singaporean physician (1932-

Authored over 120 articles

Described Tay syndrome or IBIDS syndrome

Ichtyosiform erythrodermia, hair shaft abnormalities, mental and growth retardation. A new recessive disorder. Arch. Dermat. 104:4-13, 1971

Discovered a new eosinophilic arthritis in Rheumatology 38(12):1188-94, 1999

# Christian Julius Wilhelm Schiede

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Christian Julius Wilhelm Schiede, German-born Mexican physician and botanist (Cassel 03 February 1798 – December 1836)

## DESCRIBED PLANTAE TAXA

### Genus

*Amphipterygium* 1923 (Anacardiaceae)

### Species

*Achimenes grandiflora*

*Agave obscura* 1830

*Campanula carnica*

*Dasyllirion acrotricha*

*Linum chamissonis* 1826

*Pinus oocarpa*

*Pinus patula* with Deppe

*Solanum oxycarpum*

*Spiraea mexicana*

*Swietenia multijuga*

*Tigridia violacea*

*Vanilla inodora*

*Vanilla pompona*

*Zeltnera stricta*

## HONORS

*Schiedea* Chamisso & Schlechtendal 1826 (Caryophyllaceae)

*Schiedeella* Schlechter 1920 (Orchidaceae)

# Chung Tu Yang

August 25, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chung Tu Yang, Taiwanese entomologist (1931 –

## DESCRIBED NEW TAXA

### Hemiptera

*Diodelphax* 1989

*Ecapelopterum* 1994 with Chan

*Ecdelphax* 1989

*Epyhemisphaerius* 1994 with Chan

*Eudeferunda* 1989 with Chen & Wilson

*Euhemisphaerius* 1994 with Chan

*Eunycheuma* 1989

*Eusarima* 1994

*Eustenopsylla* 1984

*Eusudasina* 1994

*Ferganodelphax* 1989

*Formodanga* 1993 with Wu

*Formodelphax* 1989

*Formolevu* 1994 with Wu

*Gelastyrella* 1994

*Homotrioza* 1984

*Lanshu* 1989 with Yang & Wilson

*Metanigrus* 1986 with Tsaor & Wilson

*Nenasa* 1994 with Chan

*Neoconon* 1989

*Neodicranotropis* 1989

*Neokodaiana* 1994

*Neometopina* 1989

*Neophacopteron* 1984

*Neoproutista* 1993 with Wu

*Neopurohita* 1986 with Yang

*Neosarima* 1994

*Neoterthrona* 1989

*Neunkanodes* 1989

*Onidodelphax* 1989

*Paraconon* 1989

*Parametopina* 1989

*Parapamendanga* 1994 with Wu

*Parapeggia* 1993 with Wu

*Paraphyllura* 1984

*Parapullus* 1978

*Parapurohita* 1986 with Yang

*Parasarima* 1994

*Parastenopsylla* 1984

*Paravindilis* 1994

*Planusfrons* 1989 with Chen & Wilson

*Preterkelisia* 1989



*Prodelphax* 1989  
*Semibetatropis* 1989 with Chen & Wilson  
*Sinesarina* 1994  
*Synpsylla* 1984  
*Tsaurus* 1989

**Species**

About 200

**Ephemeroptera (with Kang 1994)**

**Genera**

*Margobaetis*  
*Mullerbaetis*  
*Tatubaetis*  
*Tenuibaetis*

**HONORS (Hemiptera)**

*Yangus* Fang 1990  
*Yangsinolacme* Ding 2006

# Chung Yik Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Chung Yik Wang, Chinese pathologist (Hong Kong 1888 – Malaysia 1930)

## METHODS

A simple method of collecting blood for the Wassermann test. J. Pathol. Bacteriol. 22:85, 1918

A modified Wassermann test. J. Pathol. Bacteriol. 23(1):15-29, 1920

A precipitation test for syphilis. Lancet 199:274-6, 1922

A new culture medium. Lancet 212:446-7, 1928

## SOME BIBLIOGRAPHY

With J.P. M'Gowan. The occurrence of pleomorphism and mutation among members of the hemorrhagic septicemia group of organisms. J. Pathol. Bacteriol. 20(1):21-40, 1915

Isolation of tubercle bacilli from sputum and determination of their type. J. Pathol. Bacteriol. 21:14, 1916

An experimental study of latent tuberculosis. Lancet 188 (4853): 417-9, 1916

Incidence of bovine tuberculosis in man. J. Pathol. Bacteriol. 21:131, 1917

Detection of diphtheria bacilli in swabs by means of fluid serum. J. Pathol. Bacteriol. 22:229, 1918

With J. Crocket. Diagnosis of tuberculosis by the complement deviation method. Brit. Med. J. 3053:7, 1919

Some experiments dealing with the question whether lipoids can act as antigens. J. Pathol. Bacteriol. 22(3):224-8, 1919

With R.A. Basto. Further study of a precipitation test for syphilis. Lancet 201:1262-3, 1923

# Ciro Peluffo

April 17, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Ciro Antonio Peluffo Berutti, Uruguayan microbiologist (Montevideo 19 April 1909 – 07 July 2009)

Developed a simplified method for serological diagnosis of salmonellosis in Metodo simplificado de diagnostico serologico de las salmonelas

With E. Hormaeche modified Kristensen-Lester-Jurgens green agar medium (1959)

With E. De Robertis invented a special chamber to observe the motility of bacteria

## DESCRIBED SALMONELLA SEROVARES

*Salmonella arechavaleta* 1944 with Hormaeche & Pereyra

*Salmonella berta* 1938 with Hormaeche & Salsamendi

*Salmonella butantan* 1946 with Bier, Amaral & Biocca

*Salmonella carrau* 1944 with Hormaeche & Pereyra

*Salmonella cerro* 1938 with Hormaeche & Salsamendi

*Salmonella gaminara* 1939 with Hormaeche

*Salmonella grumpensis* 1944 with Hormaeche & Pereyra

*Salmonella montevideo* 1936 with Hormaeche

# Claes Christian Olrog

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Claes Christian Olrog, Swedish-born Argentine ornithologist (Stockholm 11 June 1912 – San Miguel de Tucumán 02 November 1985)

Authored over 100 papers and books

## DESCRIBED AVIAN TAXA

### Species

*Larus atlanticus* 1958

*Tyranniscus australis* 1966 with Contino

### Subspecies

*Aegolius harrisii dabbenei* 1979

*Athene cunicularia partridgei* 1976

*Caprimulgus longirostris patagonicus* 1962

*Caprimulgus rufus saltarius* 1979

*Catharus dryas blakei* 1973

*Celeus lugubris castaneus* 1963

*Eudromia elegans magnistriata* 1959

*Eudromia elegans riojana* 1959

*Grallaria albigula cinereiventris* 1970 with Contino

*Muscisaxicola flavinucha brevirostris* 1949

*Nothoprocta cinerascens parvimaculata* 1959

*Nothura maculosa pallida* 1959

*Pseudoseisura gutturalis ochroleuca* 1959

*Tigrisoma fasciatum pallescens* 1950

*Uropsalis lyra argentina* 1975

# Clara Torok

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Clara Torok (née Klara Nussbaum), Romanian-born Brazilian chemist (07 January 1902 – Rio de Janeiro April 1968)

With S. Fraenkel. Ueber neue basische cholinderivative. *Biochem Ztschr.* 182:424-33, 1927

With P. Kubelka & I. Ciornai develop a method for extraction of potassium salts from brine wastewater

With H. Zocher. Beitræge sur Kenntnis der Taktosole. Ein neues taktosol: Aluminiumhydroxid. *Kolloid Z.* 173:1-7, 1960

## PATENTS

With I. Ciornai a process (1948)

## OTHERS

With H. Zocher. Crystals of higher order and their relation to other superphases. *Acta Crystall.* 22(6):751-5, 1967

With H. Zocher. About space-time asymmetry in the realm of classical general and crystal physics. *Proc. Natl. Acad. Sciences* 39:681-6, 1953

# Clemente Pereira

April 17, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Clemente Pereira, Brazilian zoologist (São João da Bocaina, São Paulo State 01 January 1906 – São Paulo 30 October 1958)

Authored 106 works being 70 of them scientific

## DEVELOPED METHODS/TECHNIQUES/DEVICES

A practical apparatus for culture and growth of monoxenic nematode larvae (1935)

A dispositif for xenodiagnosis for Chagas disease (1939)

With Z. Vaz a simple and rapid process for in toto-mounting of nematodes in balsam (1934)

A method for diaphanization of arthropods using an alcaline solution of sodium carbonate (1940)

With M.P. de Castro a method of argentic impregnation for studying internal morphology of microscopic invertebrates in toto-mounting (1943)

With H. Medina a staining technique for *Leishmania* specimens (1945)

With Z. Vaz developed a technique for staining parasites

With L. Travassos Filho proposed employing *Armadillidium vulgare* (Crustacea) in preparation of vertebrate cranes (1934)

## DESCRIBED GENERA

### Nematoda

*Acanthorhabdias* 1927

*Iheringascaris* 1935

*Neocucullanus* 1928 with Travassos & Artigas

*Paraleiuris* 1929 with Vaz

*Travnema* 1938

### Trematoda

*Choledocystus* 1941 with Cuocolo

*Creptotrema* 1928 with Travassos & Artigas

*Genarchella* 1928 with Travassos & Artigas

*Metagorgoderina* 1940 with Cuocolo

*Neogorgoderina* 1940 with Cuocolo

*Parahemiurus* 1930 with Vaz

*Teratotrema* 1928 with Travassos & Artigas

*Travtrema* 1929

### Turbellaria

*Temnohaswellia* 1941 with Cuocolo

*Temnomonticellia* 1941 with Cuocolo

### Protozoa

*Amylophorus* 1942 with Almeida

### Acari

*Rhinoptes* 1951 with Castro

## HONORS (Nematoda)

*Clementeia* Artigas 1930

*Mentecle* Travassos & Kloss 1958

# Clodomiro Picado

April 17, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Clodomiro Picado Twilight, Costa Rican biologist (Dept. San Marcos de Jinotepe, Nicaragua 17 April 1887 – San Jose de Costa Rica 16 May 1944)

From Scottish descent

Authored over 115 scientific works

Developed various anti-venom sera

Authored Poisonous serpents of Costa Rica: their venoms, antiophidic therapy (1931) with international repercussion

Demonstrated inhibitory action of fungi *Penicillium* sp. on bacterial growth before Fleming (1923) and isolated and described its products (1923-7)

Pioneer on theory of ageing immunology demonstrating the existence of autoantibodies as normal constituents of blood serum that play a role in a series of successive hormonal cycles that characterizes the human life (1937)

Demonstrated that plants could produce antibodies (1921)

Authored important studies on bacterial diseases affecting beans, those causing coffee fermentation and others demonstrating beneficial effects on iodine

Developed a new method for bacteria staining (1916), a new serological reaction for paludism (1929) and a new treatment of smallpox (1931)

With G. Naranjo enunciated a new biological principle applied to hypothyroidism (1941)

Used glycoside cedrin (from *Simaba cedron*) for fighting paludism (1930)

Patented a procedure for sanitary matters of residues and improvement of coffee quality

## SOME BIBLIOGRAPHY

Biologica hematológica elemental comparada (1943)

Investigaciones sobre fisiopatología tiroidea (1943)

Vacunación contra la senectud precoz (1937)

Vacuna curativa no específica. Rev. Soc. Biol. Paris (1927)

Sobre la acción a distancia de los hongos fitopatógenos (1923)

Los microbios del látex. Comp. Rend. Soc. Biol. (1921)

Les Bromeliacees Epiphytes consideres comme milieu biologique. Doctoral Thesis (1913)

## DESCRIBED VALID TAXA

### Genus

*Chirocladius* 1913 (Diptera)

### Species

*Scirtes championi* 1912 (Coleoptera)

*Metriocnemus abdominoflavatus* 1913 (Diptera)

*Leptostyla gibbifera* 1913 (Hemiptera)

*Chirocladius pedipalpus* 1913 (Diptera)

*Ablabesmyia costarricensis* 1913 (Diptera)

*Fusarium anisophilum* 1932 (Fungi)

## HONOURS

Correspondant Member, Societé de Pathologie Exotique de Paris (1923) & Societé de Biologie de Paris (1933)

World Intellectual Property Organization, Gold Medal (2000) posthumous

## BIBLIOGRAPHY

Rev.Biol.Trop. 35(1):5-14,1987

Revista Medica de Costa Rica 121(6):130-42, 1944

## LINKS

<http://web.catie.ac.cr/informacion/RMIP/rev64/biografia.htm>

<http://www.binasss.sa.cr/revistas/rmcc/rmedica/v6n121/art6.pdf> (bibliography)

# Clóvis da Cruz Reis

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Clóvis da Cruz Reis, Brazilian odontologist (Muriaé, Minas Gerais State 22 August 1930 – Juiz de Fora, Minas Gerais State July 1996)

Developed and created techniques and equipment for dentistry

His procedures in the field of implantodontics were internationally recognized

## DEVELOPED

Controle Constante de Qualidade (CCQ) ou Quality Constant Control, a rehabilitation system

Bioform, an innovative implant for osteointegration

Allumina

With M.C.A. Cruz & V. Cruz Silva. Utilization of alumina (Al<sub>2</sub>O<sub>3</sub>) as a membrane for guided tissue regeneration. *Odontol. Mod.* 20(6):6-13, 1993

## TECHNIQUES/BIBLIOGRAPHY

With M. Cruz. Reposição cirúrgica do nervo mandibular para a colocação de implantes. *Rev. Bras. Implant.* 4(2), 1998

With M. Cruz. F1-implante de fixação imediata: desenvolvimento de duas formas distintas. *Rev. Bras. Implant.* 2(3), 1996

With M. Cruz & J. Mondelli. Intrusão e remodelagem óssea em molares e pré molares superiores extruídos. *Rev. Paul. Odontol.* 15 (4), 1993

With M. Cruz. Blades application into lower jaw with partial or total absence of alveolar bone. *Technique* (1989)

With M. Cruz. Placing of blade implants into lower jaws with partial or total absence of alveolar. *Technique. Odontol. Mod.* 16 (1):22-31, 1989

With M. Cruz. Fixação das coroas de transferência à moldeira. *APCD* 39(5):299-02, 1985

With M. C.A. Cruz. Turbina vibratória para a condensação das cerâmicas. *Quintessência* 11(9):9-13, 1984

## BRAZILIAN PATENTS (with Mauro Cruz)

Membrana biológica de alumina para regeneração guiada dos tecidos MU7701341-7 U2 (1997)

Membrana biológica de alumina para regeneração guiada dos tecidos PI9104132-5 A2 (1991)

Turbina vibratória para compactação de metalocerâmica PI8304477-9 A2 (1983)



# Clovis Paiva

April 17, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Clóvis de Azevedo Paiva, Brazilian ophthalmologist (São Bento do Una, Pernambuco State 16 July 1917 – Recife 20 June 2000)

Praised for famous names in ophthalmology like Joaquín Barraquer and Louis J. Girard

## SOME BIBLIOGRAPHY

With C. Paiva Filho. Estudo da pressão média da artéria oftálmica e da pressão de perfusão ocular em indivíduos submetidos a cicloergometria. Arq. Bras. Oftalm. 62(1):44-7, 1999

With V. Maia & J. Owen. Córnea verticillata associada a doença de Fabry. Rev. Bras. Oftalm. 32:471-9, 1973

Lenticone anterior (lentiglobo). Rev. Bras. Oftalm. 31:193-5, 1972

Síndrome de Goldenhaar (displasia oculo-auriculo-vertebral). A propósito de um caso. Rev. Bras. Oftalm. 30(2):139-45, 1971

Edema papilar. Causas locais e sistêmicas. Neurobiología 33:185-92, 1970

With A. Gómez. Sobre um caso de fibroma puro de órbita. Arch. Soc. Amer. Oftalm. Optom. (196?)

With J. Pondé Filho, H.B. Coutinho & C.P. dos Santos. O uso da eletroforese em gel de amido na identificação da colinesterase presente no humor aquoso humano. Rev. Bras. Oftalm. 21:213-7, 1962

The use of alpha-chymotrypsin in intracapsular cataract extraction. Rev. Bras. Oftalm. 20:281, 1961

Os novos antibióticos usados na terapêutica oftalmológica. Arq. Bras. Oftalm. 23:126, 1960

With A. Chaves Batista & A. Gomes. Endoftalmite micótica pós-operatória por *Hyalopus bogolepoffi*. Rev. Bras. Oftalm. 19:193-202, 1960

5 anos de prática na iridencleisis. Rev. Bras. Oftalm. 14(1):3-14, 1955

Experiencia com a operação de Ridley. Rev. Bras. Oftalm. 13:137-45, 1954

With D.T. Lucena, R. Salazar & R.J. Marques. Primeiro caso agudo de doença de Chagas em Pernambuco. Rev. Bras. Med. 5:417-9, 1953

Enxerto de córnea (ceratoplastia). Rev. Bras. Oftalm. 16:19-41, 1949

Sobre a ação hipnotizante da iridencleisis de Holt no glaucoma primário simples. Thesis

Distribuição geográfica do tracoma em Pernambuco (1946)

## HONOURS

Member of Merit, Instituto Barraquer

# Clovis Teixeira

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Clovis Teixeira, Brazilian oceanographer (Sertãozinho, São Paulo 16 April 1932 – São Paulo 29 December 2010)

Authored about 100 papers and 2 books

Described the diatom genus *Melchersiella* in 1959

With H. Moreira Filho developed a method for sediment diatoms cleaning (1963)

With J.G. Tundisi made suggestions for the use of C<sup>14</sup> method in inshore waters and developed research methods for size fractionation of phytoplankton (1968)

## SOME BIBLIOGRAPHY

Preliminary studies of primary production in the Ubatuba region (1973)

Introdução aos métodos para medir a produção primária do fitoplâncton marinho. Bol. Inst. Oceanogr. 22:59-92, 1973

With J.G. Tundisi. Plankton studies in a mangrove environment. VII. Size fractionation of the phytoplankton: some studies on methods. Bol. Inst. Oceanogr. 17(1):89-94, 1968

With J.G. Tundisi. Primary production and phytoplankton in equatorial waters. Bull. Marine Science 17(4):884-91, 1967

With J.G. Tundisi & J. Santoro-Ycaza. Plankton studies in a mangrove environment. IV. Size fractionation of the phytoplankton. Bol. Inst. Oceanogr. 16(1):39-42, 1967

With M.B. Kutner & F.M.S. Torgo. O efeito da respiração bacteriana no estudo da produção primária. Rev. Bras. Biol. 25:287-94, 1965

With J.G. Tundisi & M.B. Kutner. Plankton studies in a mangrove environment. II. The standing-stock and some ecological factors. Bol. Inst. Oceanogr. 14(1):13-42, 1965

Relative rates of photosynthesis and standing stock of the net phytoplankton and nanoplankton. Bol. Inst. Oceanogr. 13(2):53-60, 1963

With M.B. Kutner. Plankton studies in a mangrove environment. I. First assessment of standing stock and principal ecological factors. Bol. Inst. Oceanogr. 12(3):101-24, 1962

With M.B. Kutner. Contribuição para o conhecimento das diatomáceas da região da Cananéia. Bol. Inst. Oceanogr. 11:41-74, 1961

Diatomaceae of the bottom sediment from 12 oceanographic stations off the Brazilian coast. An. Acad. Bras. Ciencias 31(4):599-00, 1960

Estudo sobre algumas características do fitoplâncton da região de Cananéia e seu potencial fotossintético. Doctoral Thesis

With J.G. Tundisi & J. Santoro-Ycaza. Primary production, zooplankton standing stock and some environmental factors. Int. Revue Ges. Hydrobiol. Hydrogr. 53(5)

# Comlan Quenum

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Comlan Alfred Auguste Quenum, Beninois physician (Ouidah 10 January 1926 – Brazzaville 15 August 1984)

## SOME BIBLIOGRAPHY

With A. Braillon, J.P. Capron, M.A. Hervé & C. Degott. Liver in obesity. Gut 26:133-9, 1985

With T. Davion, J.P. Capron, M. Andrejak, P. Geoffroy & D. Capron-Chivrac. Hepatite aiguë due à la carbamazepine (Tégréto). Etude d'un cas et revue de la littérature. Gastroenterol. Clin. Biol. 8:52-6, 1984

With J.P. Capron, C. Degott, J. Bernuau, M.F. Saint Marc Girardin, S. Zafranie, D. Dhumeaux & J.P. Benhamou. L'hyperplasie nodulaire régénératrice du foie, étude de 15 cas et revue de la littérature. Gastroenterol. Clin. Biol. 7:761-9, 1983

With A.Papazian, J.P. Capron, J.P. Ducroix, J.L. Dupas & P. Besson. Mucosal bridge of the upper esophagus after radiotherapy for Hodgkin's disease. Gastroenterol. 84:1028-31, 1983

With J.P. Capron, J. Delamarre, J.L. Dupas, A. Braillon & C. Degott. Fasting in obesity. Another cause of liver injury with alcoholic hyaline? Dig. Dis. Sci. 27:265-8, 1982

With P. Destombes. Les grant provoqués par les parasites animaux (1976)

With J. Michon, A.M. Prince, W. Szmunes, J. Demaille, G. Diebolt, J. Linhard & M. Sankalé. Cancer primitif du foie et infection par l'hepatite virale B au Sénégal. Comparaison des sujets cancéreux avec deux groupes témoins. Biomedicine 23:263-66, 1975

With A.M. Prince, W. Szmunes, J. Michon, J. Demaille, G. Diebolt, J. Linhard & M. Sankalé. A case/control study of the association between primary liver cancer and hepatitis B infection in Senegal. Int. J. Cancer 16:376-83, 1975

With P. Koate, Y. Couturier & F. Wade. Ischaemic cardiopathies in African Negro as based on 16 cases of myocardial infarct and 5 cases of angina pectoris in the Senegalese at Dakar. Afr. J. Med. Science 2:207-16, 1971

With M. Sankalé, P. Koate, A. Pondut & S. Bassabi. La maladie rhumatismale et ses localisations cardiaques chez le noir africain. A propos de 418 cas. Sem. Hop. Paris 48:3015, 1969

With L. Monjour, R. Giorgi & J. Toury. Sur trois cas d'atrophie testiculaire dans un élevage des singes ingérant un contaminant toxique (1969)

With R. Masseyeff, M. Sankalé, M. Onde, A. Menye, R. Camain, L. Magdat, P. Mattern, I. Ancelle & L. Leblanc. Valeur de la recherché de l'Alpha-foeto-proteine serique pour le diagnostic du cancer primitif du foie. Bull. Soc. Med. Afr. Noire (lgue fr.) 13(3):537, 1968

With J. Uriel, B. de Nechaud, M. Stanislawski-Birencwaig, R. Masseyeff, L. Le Blanc, F. Loisillier & P. Grabar. Le diagnostic du cancer primaire du foie par des methodes immunologiques. Presse medicale 76:1415-6, 1968

With J. Uriel, B. de Nechaut, M. stanislawski, R. Masseyeff, L. leblanc, F. Loisellier & P. Grabar. Antigenes embryonnaires et cancer du foi chez l'homme. Association de la alphafoetoprotéine serique avec l'hepatome primaire. C.R. Acad. Sci. Paris 265:75-8, 1967

With M. Martineaud & J. Cros. Hepatite necrosante provoquée par un régime contenant de l'aflatoxine chez um *Phacochoerus aethipicus*. C.R. Soc. Biol. CLXI:1767-72, 1967

With M. Payet, J. Cros, M. Sankalé & M. Moulanier. Deux observations d'enfants ayant consommé de facon prolongee des farines souilles par *Aspergillus flavus*. Presse Med. 13:649-65, 1966

With M. Payet, M. Sankalé, M. Moulanier & F. Wade. Pyopneumothorax secondaire à un infarctus pulmonaire au cours d' une maladie mitrale avec arythmie complete (1966)

Recherches sur les tumeurs des cancers primitifs du foie sous l'angle de leur rapport avec la nutrition (1966)

With P. Satge, P. Correa, M. Charreau & A. Sanokho. A propos de deux cas de maladies des inclusions cytomégaliqes et em particulier d'une forme subaigue encephalique et anictérique chez um nouveau-né africain jumeau di-zygote (1966)

With L. Aubry & C. Richir. Sur un cas model de bronchopneumopathie due a des virus APC avec inclusions cytomégaliqes. Ann. Anat. Path 8:417, 1963

With A. Basset, P. Hocquet, R. Camain & M. Basset. Histoplasmose a forme cutaneo-osseuse (Presentation du malade). Bull. Soc. Med. Afr. Noire Lang. Franc. 7:69-70, 1962

With U. Richir & P. Correa. Mole desseqmantes et chorio-epitheliome. Bull. Mem. Univ. Dakar 9:189-97, 1961

With R. Camain. A propos d'une tumeur bilharzienne de la vulve. Bull. Soc. Med. Afr. Noire Lang. Franc. 4:432-4, 1959

With A. Richir, R. Masseyeff & J. Senecal. Essai d'analyse statistique des lésions pancreatiques des sujets atteints de malnutrition (kwashiorkor). Bull. Mem. Ecole Nat. Med. Dakar 7:267-8, 1959

With P.N'Diaye. Etude anatomopathologique des abscess ambiens du foie

# Constantino Tsallis

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Constantino Tsallis, Greek-born Brazilian physicist (Athens 05 November 1943 –

## ACHIEVEMENTS

Regarded as one of the world's most remarkable authorities on statistical physics (over 10, 000 citations)

Created the non-extensive statistical mechanics and formulated q-entropy, a new definition of entropy (1988)

Established the notion that entropic extensivity requires the use of the nonadditive entropy for some classes of systems

Identified a set of numbers for a system described by nonextensive statistical mechanics the q-triplet (2004)

With Levy enunciated the concept of thermal transmissivity, a transmissivity variable which extends for thermal magnetic systems (1981)

With M.C.S. Vieira discovered the gap road to chaos, a discontinuous map with amplitude asymmetry (1987)

With G.A. Tsekouras introduced spectral statistics (2005)

Conjectured the break-collapse method, an operational procedure (1981)

Formulated microeconomic models with international repercussion

With A. Rodríguez introduced q-cumulants (2010)

With G. Ruiz proposed a new universality class of one-dimensional unimodal dissipative maps (2009)

Proposed escort mean values (or q-moments) to characterize probability densities with divergent moments (2009)

With A. Rodríguez & V. Schwämmle introduced a new family of asymptotically scale invariant probabilistic models with binary random variables (2008)

With S. Umarov, S. Steinberg & M. Gell-Mann introduced (2006) and established (2010) the basic properties of (q,α)-stable distributions

With US physicists Sabir Umarov, Murray Gell-Mann & Stanley Steinberg proved the q-generalization of central limit theorem (2000s)

With L.G. Moyano & F. Baldovin showed that zeroth principle of thermodynamics applies to aging quasistationary states of long-range interacting, N-body Hamiltonian systems (2003)

With M.L. Lyra proposed a scaling law for dissipative one-dimensional maps (1998)

With E.P. Borges, G.J.F. Añãos & P.M.C. Oliveira first to establish quantitatively a relation between sensitivity to the initial conditions and relaxation (2002)

With A.O. Caride presented a real space renormalisation groups procedure which directly yields the order parameter for all values of the external parameters (1998)

With L. Borland & A.R. Plastino proposed a consistent test for measuring the degree of correlation between random variables (1998)

With R.O. Vallejos, R.S. Mendes & L.R. da Silva showed that in a certain range of temperatures, the specific heat displays log-periodic oscillations as a function of the temperature (1998)

With F. Nobre first to exhibit that the thermodynamic limit is well defined for an interacting system (1995)

With A.M.C. Souza & E.M.F. Curado introduced a coupled map lattice model to describe time evolution to relevant quantities associated with stock exchange (1995)

With S.A. Cannas presented evidence for a ferromagnetic phase at low temperatures (1992)

## EPONYMY

Tsallis non-extensive entropy

Tsallis entropy functional (1988)

Tsallis conjecture

Tsallis distribution

Tsallis ensemble

Tsallis model (a model in configurations space used in genetics and immunology)

Cairns-Tsallis model for ion acoustic solitons

Umarov-Steinberg-Tsallis q-generalized central limit theorem (2008)

Tsallis-Levy m-rooted equivalent transmissivity

## HONORS

Physics Nobel Prize nominee

# Cora Sadosky

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Cora Sadosky Ratto, Argentine mathematician (Buenos Aires 23 May 1940 – Long Beach, California 03 December 2010)

From Jewish Russian descent

Authored over 50 papers on functional and harmonic analysis and operator theory

## INTRODUCED

With M. Cotlar and R. Arocena the concept of generalized Toeplitz kernels (1979)

With M. Cotlar the notion of algebraic scattering systems (1987)

Integral operators of the type of parabolic fractional integration

With R. Wheeden a weighted norm inequality

With M. Cotlar the notion of a scattering system and commuting evolution operators

## EPONYMY

Cotlar-Sadosky lifting theorem (1979)

Cotlar-Sadosky extension theorem

Cotlar-Sadosky algebraic scattering systems

# Cornelius Osten

April 9, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Cornelius Osten, German-born Uruguayan botanist (Bremen 11 February 1863 – Montevideo 06 September 1936)

## DESCRIBED PLANTAE TAXA

### Species

- Gunnera herteri* 1932
- Notocactus megapotamicus* 1941
- Ritterocactus erubescens*

### Subspecies

- Cyperus flavus redolens*
- Gymnocalycium hyptiacanthum schroederianum* 1941
- Harrisia tortuosa uruguayensis* 1941

### Varieties

25

### Forms

19

# Crodowaldo Pavan

April 17, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Crodowaldo Pavan, Brazilian geneticist (Campinas, São Paulo State 01 December 1919 – São Paulo 03 April 2009)

With T. Dobzhansky discovered the first case of morphological polymorphism in *Drosophila* sp. (1943)

Two types of heterochromatin in *Drosophila nebulosa*. *Proceed. Nat. Acad. Sciences* 32:137-45, 1946

With M. Breuer proposed that puffs in the polytene chromosomes could be a cytologic manifestation of genes in activity and showed that the genes are the same in all tissues of a given individual however distinct genes are turned on in distinct tissues or even in the same tissue at different times during the development (1952) independently from German W. Beermann

Polytene chromosomes in different tissues of *Rhynchosciara*. *Journal Heredity* 43:150-7, 1952

With M. E. Breuer. Autoradiography of polytene chromosomes of *Rhynchosciara angelae* at different stages of larval development. *Nature* 180:983, 1957

With M. Breuer described for the first time the phenomenon of gene amplification (Pavan-Breuer phenomenon)

Behavior of polytene chromosomes of *Rhynchosciara angelae* at different stages of larval development. *Chromosoma* 7:371-86, 1955

Showed that there is RNA synthesis in chromosomal puffs

With M. Breuer. Differences in nucleic acid content of the loci in polytene chromosomes of *Rhynchosciara angelae* according to tissue and larval stages. In G. Schreiber. *Symposium on Cell Secretion*, Belo Horizonte, Brazil. Pp. 90-9, 1955 & *Bol UFMG* (1955)

Performed discoveries concerning lethal genes behavior

Showed that radioactive contamination broke out a natural aging-like process

Showed unknown bacteria in seeds and birds eggs (2004)

Described 63 Diptera species

## HONOURS

Full Professor with Tenure, Texas University (1968-75)

# Cyril Wyndham

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Cyril Henry Wyndham, South African physiologist (Maraisburg 07 May 1916 – Johannesburg 02 February 1987)

Respected as leading international expert on human thermal physiology

Authored over 250 papers

## SOME BIBLIOGRAPHY

Heatstroke and hyperthermia in marathon runners. *Ann. N.Y. Acad. Sci.* 301:128-38, 1977

With D. Mitchell. Acclimatization in a hot humid environment body fluid adjustments. *J. Appl. Physiol.* 40:786-96, 1976

The physiological and psychological effects of the heat (1974)

The physiology of exercise under heat stress. *Ann Rev. Physiol.* 35:193-220, 1973

With L. Guttman & J. Silver. Thermoregulation in spinal man. *J. Physiol.* 220:335-52, 1972

With J.W. Snellen & D. Mitchell. Heat of evaporation of sweat. *J. Appl. Physiol.* 29:40-4, 1970

With D. Mitchell. Comparison of weighting formulas for calculating mean skin temperature. *J. Appl. Physiol.* 26:616-22, 1969

With N.B. Strydom. The danger of an inadequate water intake during marathon running. *S. Afr. Med. J.* 43:893-6, 1969

With N.B. Strydom. Acclimatizing man to heat in climatic rooms and mines (1969)

With A.R. Atkins. A physiological scheme and mathematical model of temperature regulation in man. *Pflügers Arch. Ges. Physiol.* 303:14-30, 1968

Changes in central circulation and body fluid spaces during acclimatization to heat. *J. Appl. Physiol.* 25(5):586-93, 1968

With N.B. Strydom, C.H. Van Graan et al. The influence of water restriction on the performance of men during prolonged march. *S. Afr. Med. J.* 40:539-44, 1966

South African ethnic adaption to temperature and exercise (1966)

With N.B. Strydom, J.F. Morrison et al. Fatigue of sweat gland response. *J. Appl. Physiol.* 21:107-10, 1966

With J.F. Morrison & C.G. Williams. Heat reaction of male and female Caucasians. *J. Appl. Physiol.* 20:357-64, 1965

With N.B. Strydom, J.F. Morrison et al. Criteria for physiological limits for work in heat. *J. Appl. Physiol.* 20:37-45, 1965

With N.B. Strydom, J.F. Morrison, F.D. du Toit & J.G. Kraan. A new method of acclimatization to heat. *Z. Angew. Physiol.* 15:373-83, 1964

With N.B. Strydom, J.F. Morrison, J. Peter et al. Differences between ethnic groups in physical working capacity. *J. Appl. Physiol.* 18, 1963

With C.G. Williams, G.A.G. Bredell, N.B. Strydom et al. Circulatory and metabolic reactions to work in heat. *J. Appl. Physiol.* 17:625-38, 1962

Tolerable limits of air conditions for men at work in hot mines. *Ergonomics* 5:115-22, 1962

Physiological aspects of design for tropical living (1962)

With J.F. Morrison. Adjustment to cold of Bushmen in the Kalahari desert. *J. Appl. Physiol.* 13:219-225, 1958

With W. Van den Bowen, M.G. Devine et al. Examination of use of heat exchange equations for determining changes in body temperature. *J. Appl. Physiol.* 5:299-307, 1952

Performance and comfort standards in relation to climate



# Cyro Takano

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Cyro Takano, Brazilian metallurgist (17 August 1940 –

Gained international recognition on self-reduction of residues

## DEVELOPED PROCESSES/TECHNIQUES

Atomization Processes of metallic powders

With L.M. V. Cardona, C.Y. Narita & M.B. Mourão. Characterisation of coal/charcoal composite biocoke as a sustainable alternative for ironmaking. Can Metall Quart 56-2: 190-8, 2017.

With G. F. L. E. Silva; M.B. Mourão, J.D.T. Capocchi & R.C. Nascimento Jr., Construção e aplicação de um modelo de reciclagem de resíduos sólidos siderúrgicos usando-se o processo de hierarquização e programação linear. In: 59 Congresso Anual da ABM, 2004, São paulo. Congresso Anual da ABM, 59 v. 1. p. 2466-2475 (2004).

A model for dephosphorization of steel in an industrial electric arc furnace applying the ionic theory of slag. Proceed Europ. Electric Steel Congress p. 567, 1995

Desenvolvimento do fe-nbc – ferro nióbio cementado. In: Anais do XX Simposio da Aciesp, p. 71, 1995

With D. G. Pinatti & R. A. Conti. Processo modificado de refino de nióbio por feixe eletrônico. Metalurgia e Materiais 38(299); 591-7, 1981.

With D. G. Oliveira. Novo processo pirometalúrgico de obtenção de magnésio metálico. Metalurgia e Materiais 27(167):715-9, 1971.

## PATENTS

With S.Y. Tagusagawa, M.B. Mourão & G.F.B. Lenz e Silva. Processo para produção de concentrado refinado de minério de nióbio; aglomerados de concentrado de minério de nióbio; e processo para produção de aglomerados de concentrado de minério de nióbio BR 10 2012 027128 1 A2 (2012)

With A.P. Zambrano, M.B. Mourão, A.E. A. Nogueira, F. Beneduce Neto & S.Y. Tagusagawa Aglomerados auto-redutores para produção de ferro-ligas, processo para produção de aglomerados auto-redutores e processo para produção de ferro-ligas PI 0701899-1 B1 (2007)

With S.Y. Tagusagawa. Processo de purificação de concentrado de nióbio e/ou tantaló BR PI n. 9801975-9-30/09/2003 & Patente-Int. CI22B 34/24 (2003)

With E.W. Betz. Processo de obtenção de ligas metálicas duras e/ou resistentes à abrasão e/ou com boa resistência ao impacto. PI 8503727-3 A2 (1985)

With E. W. Betz. Process of making metallic alloys using precarbured ferroalloys – United States Patent no. 4 717 537 – jan 5, 1988

With E.W. Betz. A process for preparing hard, wear and/or corrosion resistant metallic alloys as well as metallic alloys produced thereby EP0212435A3 & EP0212435A2 (1987)

# Dahe Qin

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dahe Qin, Chinese meteorologist and glaciologist (Lanzhou, Gansu Province 04 January 1947 –

Authored over 400 scientific publications

Respected as a world leader in glaciology and climatic change research

Revealed that the hydrogen isotope content in the southwestern area of Antarctic ice surface is 40% higher than that in the southeast

His findings on the distribution of stable isotope ratio in precipitation in relation to temperature, and on sources of water vapour and multiple substances and their transport pathways represent the most extensive and comprehensive research on Antarctic surface snow layer and ice sheet internationally up to present day

Demonstrated the applicability of the climate and environmental index in the ice core of Chinese mountain land

## HONOURS

NOAA Outstanding Scientific Paper Award

Volvo Environment Prize (2013)

Honorary Member, American Meteorological Society (2011)

IMO Prize (2008)

# Daheng Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Daheng Wang, Chinese optical physicist (Tokyo 26 February 1915 – Beijing 21 July 2011)

## DEVELOPED

New types of rare-earth optical glasses

A V-prism precision refractive index measuring instrument

Optical equipment for military use

An optical theodolite

Photograph camera for nuclear radiations

## HONORS

17693 Wangdaheng (Asteroid)

# Damaso de Rivas

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Damaso de Rivas Alemán, Nicaraguan pathologist and parasitologist (Diría, Granada 11 December 1874 – ?)

Developed Telemann-Rivas method or Damaso de Rivas method

An efficient and rapid method of concentration for the detection of ova and cysts of intestinal parasites. *Am. J. Trop. Med.* 8:63-72, 1928

Acute trichiniasis with special reference to diagnosis and a new treatment by the application of heat to the small intestine. *J. Parasitol.* 26(6):24-5, 1940 (Suppl.)

# Dang Vu Khuc

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dang Vu Khuc (Khuk), Vietnamese paleontologist (Gia Lam District, Hanoi 04 December 1931 – Hanoi 21 November 2012)

## DESCRIBED FOSSIL MOLLUSCA TAXA

### Genera

*Dalaticeras* 2002 with Meister & Huyen

*Glyptopliceras* 1984

*Langvophorus* 1977

*Mesoneilo* 1977

*Napengocosta* 1991

*Songdaella* 1977

*Tongdzuyites* 2000 with Meister, Huyen & Doyle

*Vietnamicardium* 1977

### Species

79

## HONORS

*Vukhuclepis* Janvier, Thanh, Phuong & Truong 1997 (Fossil Pisces)

# Daniel Alberto Valencio

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Daniel Alberto Valencio, Argentine geophysicist (Buenos Aires 16 June 1928 – Buenos Aires 25 May 1987)

Authored 147 papers and 3 books

Internationally well known for his research contributions in palaeomagnetism and geotectonics

Obtained the South American polar wandering curve

With K.M. Creer & B.J.J. Embleton. Comparison between the upper Palaeozoic and Mesozoic palaeomagnetic poles for South America, Africa and Australia. *Earth Planet Sci. Lett.* 7(3):288-92, 1969

Papers in *Nature*

With J.F.A. Vilas. Age of the separation of South America and Africa. *Nature* 223 (1353), 1969

With J.F.A. Vilas. Palaeomagnetism of some middle Jurassic lavas from South East Argentina. *Nature* 255 (5229):262-4, 1970

# Daniel Moreira Vital

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Daniel Moreira Vital, Brazilian cryptogamic botanist (América Dourada, Bahia State 02 October 1924 –

## DESCRIBED MUSCI TAXA

### Genus

*Paranapiacabaea* 1992 with Buck

### Subgenus

*Campylopidulum* 1984

### Species

*Jonesiobryum cerradense* 1991

*Jonesiobryum termitarum* 1991

*Paranapiacabaea paulista* 1992 with Buck

## HONORS

*Danielia* Skvortzov 1967 (Ochrophyta)

*Vitalianthus* Schuster & Giancotti 1993 (Hepaticae)

# Danuncia Urban

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Danuncia Urban, Brazilian entomologist (Curitiba 13 May 1933 –

From a family of Polish immigrants

## DESCRIBED HYMENOPTERA TAXA

### Genera

*Actenosigynes* 1999 with Graf & Moure

*Albinaspis* 2000 with Graf

*Ananthidium* 1992

*Baptonedys* 1999 with Moure & Graf

*Carlaticola* 1990 with Moure

*Ceblurgus* 1993 with Moure

*Chrisanthidium* 1997

*Ctenanthidium* 1993

*Dicranthidium* 1976 with Moure

*Grafanthidium* 1995

*Hamatothrix* 1989

*Hypanthidioides* 1975 with Moure

*Ketianthidium* 1999

*Larocanthidium* 1997

*Loyolanthidium* 2001

*Melostelis* 2011

*Michanthidium* 1995

*Mielkeanthidium* 1996

*Mirnapis* 1998

*Moureanthidium* 1995

*Moureisca* 1973 with Graf & DeSantis

*Rhynostelis* 1995 with Moure

*Santiago* 1989

*Tylanthidium* 1995

### Species

319 (until 2014)



# Daoxian Yuan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Daoxian Yuan, Chinese hydrogeologist and karst expert (Zhuji, Zhejiang Province 24 August 1933 –

Proposed the asymmetry of water-bearing medium in the karst underground water (1960s-70s)

Established the movement mechanism of underground water in gas zones

Created mathematical models of adjustment and storage functions

Proposed karst dynamics

## SOME BIBLIOGRAPHY

With H. Cheng, R.L. Edwards, C.A. Dykoski, M.J. Kelly et al. Timing, duration and transitions of the Last Interglacial Asian Monsoon. *Science* 304 (5670):575-8, 2004

On the karst ecosystem. *Acta Geol. Sinica* 75(3):336-8, 2001

The carbon cycle in the karst. *J. Geomorphol.* 108:91-102, 1997

# Darashaw Noshewan Wadia

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Darashaw Noshewan Wadia, Indian geologist and stratigrapher (Surat, Gujrat State 25 October 1883 – 15 June 1969)

World renowned for his researches on Himalayan geology

Co-described fossil Amphibian species *Lysipterygium risinense* 1928 with Swinton

## SOME BIBLIOGRAPHY

Natural occurrences of uranium and thorium in India

Three superimposed peneplains of Ceylon

Desiccation of Central Asia. *Everyday Sci.* 2:273-5, 1954

The support of Himalayas

Structure of the Himalayas and of the North Indian Foreland (1938)

Cretaceous Volcanic Series in the Great Himalayan Range of Kashmir. *Rec. Geol. Surv. Ind* LXXXII (2), 1937

Tectonic relations of the Himalayas with the North Indian Foreland (1937)

Cambrian-Trias sequence of Kashmir. *Rec. Geol. Surv. Ind* LXVIII (2), 1934

Geology of Nanga Parbat and Gilgit District. *Rec. Geol. Surv. Ind* LXVI (2), 1932

Syntaxis of North-Western Himalayas: its rocks, tectonics and orogeny. *Rec. Geol. Surv. Ind* LXV (2), 1931

Palaeoclimates of Kashmir Region

The Geology of India (1919)

## HONOURS

Correspondent Member, Geological Society of America

Back Award, Royal Geographical Society, London (1934)

Lyell Medal, Geological Society of London (1943)

Leopold Von Buch Award, German Geological Society (1960)

## Genera (Fossil)

*Wadiapites* Biswas 1962 (Sporae)

*Wadiasaurus* Chowdhury 1970 (Reptilia)

# Darrel Plowes

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Darrel Charles Herbert Plowes, South African born Zimbabwean botanist and ornithologist (Estcourt, Natal Province 04 April 1925 –

## DESCRIBED ASCLEPIADACEAE TAXA

### Genera

- Anomalluma* 1993
- Australluma* 1995
- Borealluma* 1995
- Caudanthera* 1995
- Crenulluma* 1995
- Cryptolluma* 1995
- Cylindrilluma* 1995
- Hermanschwartzia* 2003
- Larryleachia* 1996
- Lavrania* 1986
- Monolluma* 1995
- Neopectinaria* 2003
- Pendulluma* 2013
- Pleuralluma* 2008
- Sanguilluma* 1995
- Saurolluma* 1995
- Somalluma* 1995
- Spiralluma* 1995
- Sulcolluma* 1995
- Vadulia* 2003

### Species

42

### Aves

#### Valid Subspecies

- Emberiza capensis smithersii* 1951

# David Domingo Sabatini

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

David Domingo Sabatini, Argentine cytologist in United States (San Carlos de Bolívar, Buenos Aires Province 10 May 1931 –

Regarded as one of the world's leading scientists in the field of protein sorting in cells and membrane biogenesis

Authored over 120 papers

First reported Golgi apparatus involvement in the formation of chromaffin granules and the exocytotic character of catecholamines release from medullary cells

Introduced glutaraldehyde as a new fixative for electron microscopy and cytochemical studies (1961)

Performed classical studies on protein synthesis

Discovered that the nascent polypeptide chain emerging from the large ribosomal subunit is responsible for the attachment of the ribosome to the endoplasmic reticulum membrane

First suggested the mechanism that effects the insertion of proteins into membranes during the course of their synthesis

Elucidated the cotranslational translocation of polypeptides in the endoplasmic reticulum

With George E. Palade discovered how the neurons communicate with each other (1967)

Developed a method which used puromycin to dissociate ribosomes into functionally viable ribosomal subunits (1970s)

Discovered that a membrane-bound ribosome is held onto the membrane of endoplasmic reticulum

With Gert Kreibich identified ribophorins, the first membrane proteins shown to be specific of rough endoplasmic reticulum membranes

With G. Blobel formulated the signal hypothesis (1971). This research earned Blobel Medicine & Physiology Nobel Prize in 1999

With M. Cerejido introduced Madin-Darby canine kidney cell culture for the study of epithelial cell polarity (1970s)

First reported the polarity of viral budding by epithelial cells

With E. Rodríguez Boulán. Asymmetric budding of viruses in epithelial monolayers: a model system for study of epithelial polarity. Proc. Natl. Acad. Sci. USA 75:5071-5, 1978

Introduced many different methodologies to study translocation and the association of newly synthesized proteins within endoplasmic reticulum membranes (e.g. the use of protease as probes to demonstrate sequestration and of dilute detergents to extract the translocated chains found with the microsomal contents)

## HONORS

Samuel Roberts Noble Research Recognition Award (1980)

Grand Medaille d'Or, Academie Française des Sciences (2003)

## LINKS

<http://legacy.library.ucsf.edu/tid/vjm36b00;jsessionid=F0D124B9E7F07A8FD2AC3C98AB97C038.tobacco03>

# David Eduard Van Dijk

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

David Eduard Van Dijk, South African herpetologist and paleontologist (Heidelberg District, Transvaal 14 September 1925 –

## DESCRIBED NEW TAXA

### Living Amphibia

#### Genus

*Hadromophryne* 2008

### Fossil Insecta

#### Genera

*Afroedischia* 1999 with Geertsema

*Afroperla* 2004 with Geertsema

*Afrostenovicia* 1999 with Geertsema

*Permoxenopterum* 2011 with Gorochov

*Stenotegmocicada* 1999 with Geertsema

#### Species

*Afroedischia oosthuizeni* 1999 with Geertsema

*Afroperla permiana* 2004 with Geertsema

*Afrostenovicia reidae* 1999 with Geertsema

*Callietheira granthami* 1999 with Geertsema

*Epimastax hesterae* 2011 with Rasnitsyn

*Karoohymen minutus* 1999 with Geertsema

*Permocicada thompsoni* 1999 with Geertsema

*Permoxenopterum laticostum* 2011 with Gorochov

*Prochoristella balgowanensis* 1999 with Geertsema

*Prochoristella bulwerensis* 1999 with Geertsema

*Stenotegmocicada triclades* 1999 with Geertsema

### Fossil Plants (with Lacey & Gordon-Gray 1975)

#### Genera

*Buthelezia*

*Mooia*

*Rigbya*

*Rusangea*

#### Species

*Belemnopteris elongata*

*Buthelezia mooiensis*

*Fetura natalensis*

*Mooia lidgettonioides*

*Rigbya arberioides*

*Rusangea elegans*

## HONORS

*Vandijkophrynus* Frost, Grant, Faivovich et al. 2006 (Amphibia)

# Dazhong Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dazhong Wang, Chinese physicist (Changli, Hebei Province 1935 –

Authored 70 papers and one book

Created a new concept of module-type high temperature gas-cooled reactors (patented in United States, Japan and Germany) in 1970s

Developed the world's first 5M shell-type nuclear heat supply reactor

Responsible for the first integrated vessel type heating reactor being put into operation successfully in the world

Held 9 Chinese and foreign patents

# Decio Paiola

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Décio Paiola, Brazilian dental surgeon (São Paulo 19 April 1931 – São Paulo 03 December 2011)

With Janete Silva de Sousa performed the first approach surgery of mandible in a newborn employing osteogenic distraction with totally intraoral technique

The use of Intra Oral Distraction Osteogenesis for the Treatment of Severe Upper Airway Obstructive in Children with Micrognathia. J. Oral Maxill. Surgery 34(1):54, 2005

With M.M. Soares, F. Guerra & C. Soares. Implant position correction by distraction osteogenesis. Intern. J. Oral Maxill. Facial Surg. 43(1): 110, 2005

With M.M. Soares, F.L.B. Guerra & L.H.M. Marinho. Biodegradable screws for the fixation of alveolar distraction devices. Intern. J. Oral Maxill. Facial Surg. 43(1): 112, 2005

Described a cranioplasty technique in Revista Odonto 2(1), 1991

## HONOURS

President, First International Congress of Osteogenic Distraction (2005)

# Demetrio Sodi Pallares

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Demetrio Sodi Pallares, Mexican cardiologist (Ciudad de Mexico 08 June 1913 – Ciudad de Mexico 12 August 2003)

Authored over 150 papers and 18 medical and philosophical books

## ACHIEVEMENTS

Established rational basis of practical electrocardiography

Established many parameters for position analysis and myocardial performance

With E. Cabrera, Vizcaíno & Soberón showed intracavitary potential in man and dog under normal conditions (1947)

With Soberón, Estandía & Rodríguez first published intracavitary potential morphology of cardiac left ventricle

With E. Cabrera enunciated the concept of endocardioelectric deductive electrocardiography

With Zuckerman & Abdo Bisteni described electrocardiographic changes in acute pulmonary hypertensive cardiopathy

With Gustavo Medrano, A. Bisteni & Alfredo de Micheli first described electrocardiograms with activation potentials in cardiac conduction system in dog in situ (1952)

Enunciated concept of intraseptal barrier

New bases of electrocardiography (1956)

With A. Bisteni, Fishleder & G. Medrano described the physical basis of morphology of cardiac unipolar derivations (1959)

Enunciated concept of electrical endocardium

With G.A. Medrano & A. de Micheli. Unipolar QS morphology and Purkinje potential of the free left ventricular wall, the concept of electrical endocardium. *Circulation* 23:836-46, 1961

Developed poliparametric electrocardiography, a new electrocardiographic interpretation (1970)

Authored *Nuevas bases de electrocardiografia* (1945) edited in United States and Italy

Concluded that sodium retention in organic tissues give arise to many diseases (e.g. ischemic cardiopathy)

Regarded as world pioneer on metabolic treatments and founder of modern magnetotherapy

Introduced glucose-insulin-potassium infusion for treatment of acute myocardial infarction known as Sodi Pallares infusion (1962)

With M.I. Rodríguez. Metodo para estudiar la secuencia y velocidad del proceso de activación en los ventrículos del perro. Valoración del metodo por el pronestyl (1952)

Authored an important paper

With F. Marsico. The importance of electrocardiographic patterns in congenital heart diseases. *Am. Heart J.* 49:202, 1955

## HONORS

Pavlov Medal, American Institute of Stress

First Honorary President, Sociedad Española de Cardiología (1964)

Master Teacher, American College of Cardiology (1975)

Honorary Member, Société Française de Cardiologie (1977)

Honorary Member, American Heart Association

Sodi Award in Electrocardiography (1977)

Osler Award (1976)

## EPONYMY

Sodi Pallares sign

Salazar-Sodi Pallares index



# Demin Wang

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Demin Wang, Chinese petroleum expert (Tangshan, Hebei Province 09 February 1937 –

From Swiss mother

## **PATENTS (about 40) incomplete list**

With Y. Wang, R.J. Zhu, L. Ren, R. Zhong & H.Y. Wang. Crown-shaped separation device for separating oil and water in well. 20140000872 (2014)

With Y. Wang, J. Wan, S.M. Zhang, R.J. Zhu & L. Li. Corrugated settling cup and a multi-cup uniform flux gas anchor. US08453726 (2013) & US20110209866-A1 (2011)

With C. Liu, X.M. Song & S. Yuan. Betaine surfactants and preparation methods and uses thereof. W020121222667 (2011)

With Y. Wang, R.J. Zhu, R. Zhong & H.Y. Wang. A downhole crown-shaped separating device for separating oil and water. CA2828993A1 (2011)

With Z. Peng, H. Wang, Y. Wang, R. Zhong & R. Zhu. Multilayer uniform flow-type coalescence oil-water separator and separation method. CN201010110839 (2010)

With Y. Wang, Y. Chu, J. Zhu & Y. Liang. Method for lowering energy-consumption and increasing output by changing elasticity modulus of pumping rod and special apparatus. CN200710001138 (2007)

With Y. Wang, Y. Chu, J. Zhu & M. Jiang. Method of raising motor efficiency in pumping unit and energy balance device therefor. CN200710000566 (2007)

With Y. Wang, L. Ren, R. Zhu & Z. Han. Method for realizing high-water containing same-well injection-production by multi-cup equi-flow type down-hole oil-water separator. CN2006101170706

Foam drive method. US06439308 (2002) or W01999051854A1 (1998)

With S. Gao & J. Cheng. Three-component composite displacement system formed from alkali, active agent and polymer and its application in tertiary oil recovery. CN99106075 (2000)

Petroleum carboxylate surfactant, its preparation method and application in tertiary oil recovery. CN99106076 (2000)

Alkyl benzene sulfonate surfactant, its preparation method and application in tertiary oil recovery. CN9910677 (2000)

With X. Han & H. Lu. Screw pump clearance oil producing ground driving device. CN97226624 (1999)

With X. Han & H. Lu. Vehicular plunge pump batch-type water filling installation. CN97226625 (1999)

With X. Han & H. Lu. Pumping unit for tubingless screw pump. CN97229924 (1999)

With X. Han & H. Lu. Layered water filler for screw pump. CN97211746 (1999)

## **HONOURS**

Life Member, International Society of Petroleum Engineers

## **LINKS**

[http://patent.ipexl.com/inventor/wang\\_demin\\_1.html](http://patent.ipexl.com/inventor/wang_demin_1.html)

# Devendra Datt Nautiyal

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Devendra Datt Nautiyal, Indian palaeobotanist and plant anatomist (Garhwal, Uttar Pradesh State 13 July 1934 – February 1999)

## PLANT ANATOMY

With S.K. Chaturvedi & S. Mukherji. Studies on some endangered Indian asclepiads (1990)

With D.D. Pant & D.R. Misra. Gametophytes of Ophioglossaceae (1984)

With D.D. Pant & Singh Sudha. Cuticular studies of reproductive organs of *Gnetum* and *Ephedra*. Phytomorphology 28(2):142-50, 1978

With D.D. Pant. Cuticle and epidermis of recent Cycadales: leaves, sporangia and seeds. Senckenb. Biol. 44(5):257-347, 1963

With D.D. Pant. The epidermal structure of the sporangia of some modern cycads. Curr. Sci. 32(12):559-61, 1963

With D.D. Pant. On the anatomical structure of the Pinnae of some species of *Cycas* L. Curr. Sci. 32:232-4, 1963

With D.D. Pant. Epidermal structure of *Macrozamia* Miq. Curr. Sci. 32(6):280-1, 1963

With D.D. Pant. Seed cuticles in some modern Cycads. Curr. Sci. 31:75-6, 1962

With D.D. Pant. Cuticular study of cycadalean leaves. Vijnana Parishad (1961)

## DESCRIBED FOSSIL PLANTAE TAXA

### Genera (with Pant)

*Arberiella* 1960

*Birsinghia* 1991 with Chaturvedi

*Birsinghpuria* 1985 with Tiwari

*Bulbospermum* 1985

*Buriadiospermum* 1985 with Tiwari

*Cerviculospermum* 1985

*Giridia* 1981 with Misra

*Lithangium* 1960

*Maheshwariella* 1963

*Otofeistia* 1985 with Tiwari

*Palaeocarpus* 1985 with Tiwari

*Paliandrolepis* 1991 with Chaturvedi

*Palispermum* 1985 with Tiwari

*Platycardia* 1960

*Pterygospermum* 1960

*Retortistoma* 1985 with Tiwari

*Sagittophyllum* 1984 with Chauhan

*Semenites* 1960

*Shivacarpus* 1985 with Tiwari

*Stephanostoma* 1960

### Species

*Arberiella africana* 1960 with Pant

*Birsinghia florini* 1991 with Pant & Chaturvedi

*Birsinghpuria indica* 1985 with Pant & Tiwari

*Brachyphyllum pantii* with Srivastava

*Bulbospermum surangei* 1985 with Pant

*Buriadiospermum sewardii* 1985 with Pant & Tiwari

*Cerviculospermum ovalis* 1985 with Pant

*Giridia indica* 1981 with Misra

*Lithangium ovooides* 1960 with Pant

*Maheshwariella bicornuta* 1963 with Pant

*Multitheca elongata* 1960 with Pant

*Ottokaria zeilleri* 1984 with Pant

*Palaeocarpus birsinghpurensis* 1985 with Pant & Tiwari

*Paliandrolepis singularis* 1991 with Pant & Chaturvedi

*Palispermum ovalis* 1985 with Pant & Tiwari

*Platyocardia bengalensis* 1960 with Pant

*Pseudoctenis panti* with Joshi & Rigby

*Pterygospermum raniganjense* 1960 with Pant

*Retortistoma crystallina* 1985 with Pant & Tiwari

*Sagittophyllum* ? 1984 with Pant & Chauhan

*Shivacarpus johillensis* 1985 with Pant & Tiwari

## **DIATOMS (with Singh & Vimal)**

### **Species**

#### **Fossil**

*Arachnoidiscus rajui* 1978

*Arachnoidiscus sastryi* 1978

*Arachnoidiscus talukdari* 1978

#### **Living**

*Caloneis gandhii* 1978

*Caloneis vinjhaaensis* 1978

*Cymbella sharmai* 1976

*Eunotia desikacharyi* 1976

*Navicula bishti* 1976

## **HONORS**

*Nautiyalocarpon* Dahegaonkar 2004 (Fossil Plantae)

# Devendra Prasad

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Devendra Prasad, Indian helminthologist and parasitologist (Patna 09 April 1928 – ?)

## DESCRIBED HELMINTH SPECIES

*Acanthosentis thapari* 1969 with Sahay & Nath

*Astiotrema siddiqii* 1980 with Lal

*Clinostomum magadhatum* 1980 with Singh

*Euclinostomum samastipurensis* 1997 with Thakur

*Gorgoderina chauhani* 1990 with H. Prasad

*Mesocoelium melanostictusi* 1984 with Singh

*Postorchigenes rishikeshii* 1970 with Lal

*Rhabdochona (Globochona) mazeedi* 1965 with Sahay

*Rhabdochona dasi* 1965 with Sahay

*Spinitectus komiyai* 1965 with Sahay

*Stoylotrema ultivitellaria* 1979 with Singh

*Tremiorchis tigrinarum* 1974 with Sinha & Sahay

## HONORS

*Devendrosentis* Sahay, Sinha & Ghosh 1971 (Acanthocephala)

# Dezao Su

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Dezao Su / Te Tsao Su, Chinese paleontologist (fl.1955-2011)

## DESCRIBED FOSSIL PISCES TAXA

### Families

Peltopleuridae 1959

Siyuichthyidae 1985

### Genera

*Asialepidotus* 1959

*Bogdaichthys* 1985

*Changichthys* 1991

*Chungkingichthys* 1974

*Ctenolepidotrichia* 1992 with Poplin

*Dsungarichthys* 1985

*Fukangiichthys* 1978

*Jialingichthys* 1983

*Liaoxiichthys* 1992

*Manasichthys* 1985

*Neobaleiichthys* 1985

*Nieerkunia* 1992

*Plesiofuro* 1992

*Plesioperleidus* 1983 with Li

*Shuniscus* 1983

*Sinoeugnathus* 1959

*Sinoglossus* 1986

*Siyuichthys* 1980

*Suziichthys* 1992

*Tianfuichthys* 1996

*Tianshanicus* 2011

*Triassodus* 1984

*Uighuroniscus* 1985

*Wayaabulepis* 1999

*Weixiniscus* 1994

*Yuchoulepis* 1974

*Zaxilepis* 1994

### Species

*Anathaelion longshanensis* 1963

*Asialepidotus shingyiensis* 1959

*Bogdaichthys fukangensis* 1985

*Bogdaichthys serratus* 1985

*Changichthys dalinghensis* 1991

*Chungkingichthys tachuensis* 1974

*Ctenolepidotrichia turfanensis* 1992 with Poplin

*Dsungarichthys bilineatus* 1985

*Fukangiichthys longidorsalis* 1978

*Hemiculturellus longicephalus* 1962 with Liu

*Jialingichthys serratus* 1983

*Lepidotes yaoanensis* 1980

*Lepidotes xinjinensis* 1983

*Lycoptera longicephalus* 1963 with Liu  
*Lycoptera lungteensis* 1963 with Liu  
*Lycoptera polyspondylus* 1963 with Liu  
*Lycoptera tungi* 1963 with Liu  
*Manasichthys elongatus* 1985  
*Manasichthys tuguluensis* 1985  
*Neobaleichthys chikuensis* 1985  
*Nieerkunia liae* 1992  
*Palaeoniscinotus ningxuaensis* 1997 with Yuan & Deng  
*Peltopleurus orientalis* 1959  
*Perleidus yangtzensis* 1981  
*Plesiofuro mingshuica* 1993  
*Plesioperleidus dayeensis* 1983 with Li  
*Shuniscus longianalis* 1983  
*Sinamia huananensis* 1973  
*Sinamia poyangica* 1990 with Li  
*Sinoeugnathus kueichowensis* 1959  
*Sinoglossus lushanensis* 1986  
*Sinolepidotus longidorsalis* 2003  
*Siyuichthys ornatus* 1985  
*Siyuichthys pulchellus* 1985  
*Suziichthys xinbiensis* 1992  
*Tianfuichthys spinodorsalis* 1996  
*Tianshanicus liui* 2011  
*Triassodus yanchangensis* 1984  
*Uighuroniscus sinkiangensis* 1985  
*Wayabulepis zichangensis* 1999  
*Weixiniscus microlepis* 1994  
*Wukangia huoyanshanensis* 1985  
*Xenocypris yushensis* 1962 with Liu  
*Yuchoulepis szechuanensis* 1974  
*Yuchoulepis gansuensis* 1993  
*Zaxilepis qinglongensis* 1994

#### **HONORS (Fossil Pisces)**

*Suius* Liu 2002  
*Dezaioia* Su, Chang & Chen 2021

# Dezhao Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dezhao Wang or Te-Tchao Ouang, Chinese acoustic physicist (Guanyun County, Jiangsu Province 20 December 1905 – Beijing 28 December 1998)

Recognized as world expert on shallow-water acoustics

Performed discoveries on the equilibrium between big and small ions of suspended particles in gases; the numbers of big small ions and the mobility of small ions gave rise to Langevin-Ouang-Bricard theory (1934-40)

Authored important papers on the mode filtering of sound fields

With Tianfu Gao authored important studies on effects of internal wave on the underwater sound propagation (1982)

Improved sonar

Invented high sensibility electrometers

## DEVELOPED

An acoustic system capable of dispersing the heavy fog on military airports

With E. Montel & P. Pannetier. Sur un électromètre monofilaire de grand sensibilité. J. Phys. Radium 14(1):627-9, 1953

Bottom-Fixed Underwater Acoustic Surveillance System

His brother, Dexi Wang or Teh-si Wang, chemical engineer (Guanyun County, Jiangsu Province 21 September 1913 – Beijing 08 August 2006)

Obtained the first thermosetting plastic in the world (1949)

# Dianzuo Wang

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Dianzuo Wang, Chinese mineral engineer and metallurgist (Jinxian, Liaoning Province 23 April 1934 –

Authored about 300 papers and 9 books

## PATENTS

With C. Sun & Y. Zhang. Phenol reduction leaching method of manganese oxide ore. CN94117545 (1996)

With C. Sun & Y. Zhang. Ascorbic acid leaching method of manganese oxide ore. CN94117546 (1996)

With C. Sun & Y. Zhang. Arylamine reduction leaching method of ocean manganese nodules. CN94117547 (1996)

With C. Sun & Y. Zhang. Polyhydroxy aromatic acids reduction leaching method of manganese oxide ore. CN94117548 (1996)

With G. Qiu. Branch carrier flotation and agitating tank with perforated baffle. Cn86105760 (1988)

With Q. Lin. Sulfurized mine trap using alpha-nitrosyl phosphate ester. CN91106627 (1992)

With R. Liu & G. Qiu. Lead and zinc sulfide ore in situ electric potential flotation process. CN20031011057 (2004)

## HONOURS

Lifetime Achievement Award, International Mineral Processing Congress (2010)



# Diego Estanislao Zavaleta

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Diego Estanislao Zavaleta Linares, Argentine surgeon (Salta 08 May 1904 – Buenos Aires 09 November 1989)

Developed techniques for repair using skin grafts and ventral hernia repair

With E. Marino introduced omental flaps in breast augmentation (1963)

With J.V. Uriburu developed a procedure to repair hernias using free full-thickness grafts (1950)

## CONTRIBUTIONS/BIBLIOGRAPHY

Breast biopsy. Surgical approach and technic for reaching the mammary nodules. Prensa Med. Arg. 55(8):386-8, 1968

With S.G. Perera & A.R. Suarez. Left pancreatectomy: method and technic. Prensa Med. Arg. 53(38):2041-5, 1966

With R.F. Bun, J.A. Solian & E. Bresan. Costal relaxing incisions in the treatment of massive supraumbilical eventrations. Prensa Med. Arg. 52(21):1349-52, 1965

With H.G. Gugliotella & J. Alberti. Juxtacardial gastric ulcer. Procedure for reestablishment of gastrointestinal continuity. Prensa Med. Arg. 52(6):941-6, 1965

With E. Marino. Radical neck dissection. Surgical anatomy considerations and technique. Prensa Med. Arg. 50:919-24, 1963

With J.V. Uriburu. Procedure for the treatment of eventrations. Prensa Med. Arg. 38(35):2187-91, 1951

## DEVELOPED SURGICAL APPARATUSES

Zavaleta-Bueno operating table for high surgery

Zavaleta-Bueno giant auto static separator for abdominal operations

A separator for great vessels

A cephalic dispositive for operations on face, neck and chest

A probe for papillotomy

# Diego Rodríguez

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Diego Rodríguez, Mexican mathematician, astronomer and engineer (Atitalac, Hidalgo State 1596 – Ciudad de Mexico 1668)

He was a mercedarian

Performed important contributions to knowledge of comets

Determined Mexico city longitude (1638), more accurate than measurements from A. Von Humboldt centuries later

Elaborated his own logarithmic tables of trigonometric functions independent from E. Gunter

## BIBLIOGRAPHY

Modo de Calcular qualquier eclipse del Sol y Luna

Doctrina General repartida por capitulos de los eclipses del Sol y Luna

Tratado de las ecuaciones. Fabrica y uso de La tabla algebraica discursiva

Tractatus Proemiabium Mathematices y de Geometria

De los logaritmos y aritmetica

Tratado del modo de fabricar relojes horizontales, verticales, etc.

Discurso ethereologico del nuevo cometa, visto en aqueste Hemisferio Mexicano y generalmente en todo el mundo este año de 1652

Authored optical notes about light refraction or reflexion and a treatise about logarithms and its applications (c.1642) too. These works are lost

# Dilma Solange Napp

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dilma Solange Napp, Brazilian entomologist (1944 – Porto Alegre June 2018)

## DESCRIBED COLEOPTERA TAXA

### Genera

#### With U.R. Martins

*Abaiba* 2006

*Acabyara* 2006

*Acanthonessa* 1982

*Adiposphaerion* 1992

*Alastos* 1982

*Amoaba* 2006

*Apoclausirion* 1992

*Aruama* 2006

*Beaveriella* 2005

*Cephaloplon* 1986

*Chaetosopus* 1988

*Clausirion* 1982

*Corupella* 2006

*Cotychroma* 2005

*Delemodacrys* 1979

*Ecoporanga* 2006

*Frondipedia* 1984

*Glomibidion* 1985

*Goatacara* 2006

*Jampruca* 1982

*Monnechroma* 2005

*Morphaneplus* 1992

*Neomallocera* 1992

*Nesiosphaerion* 1982

*Parasphaerion* 1992

*Pilisphaerion* 1992

*Potisingaba* 2009

*Protomallocera* 1992

*Sphaerioeme* 1992

*Spinoplon* 1985

*Tacyba* 2002

*Tobipuranga* 1996

*Unabiara* 2002

*Unatara* 2006

*Upindauara* 2006

#### Alone or with others

*Achenoderus* 1979

*Aglaoschema* 1994

*Aguassay* 2001 with Mermudes

*Allopeba* 1999 with Reynaud

*Anisotyma* 2009 with Monné

*Assycuera* 2001 with Monné

*Caperonotus* 1993

*Dilocerus* 1980  
*Exallancyla* 2000 with Monné  
*Gurubira* 1999 with Marques  
*Mimonneticus* 2000 with Monné  
*Monnecles* 1999 with Santos  
*Parunxia* 1977  
*Potiapua* 2009 with Monné  
*Timabiara* 2001 with Mermudes  
*Timbaraba* 2004 with Monné

**Species**

About 780

**HONORS**

*Solangella* Martins 1997 (Coleoptera)

# Dimitri Sucre

June 27, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dimitri Ivan Sucre Benjamín, Panamanian-born Brazilian botanist and nurseryman (23 December 1935 – Rio de Janeiro 28 August 2000)

## DESCRIBED VALID PLANTAE SPECIES

*Dioscorea margarethia* 1970 with Barroso & Guimarães

*Dioscorea pseudomacrocapsa* 1971 with Barroso & Guimarães

*Dorstenia alberti* 1974 with Carauta & Valente

*Dorstenia grazielae* 1973 with Carauta & Valente

*Dorstenia milaneziana* 1974 with Carauta & Valente

*Ferdinandusa edmundoi* 1962

*Galianthe dichasia* 1970 with Costa

*Malanea centralis* 1963

*Mitracarpus baturitensis* 1971

*Mitracarpus flagellatus* 1969

*Mitracarpus froesii* 1971

*Neoregelia lymaniana* 1974 with Braga

*Pitcairnia burle-marxii* 1971 with Braga

*Psyllocarpus psyllocarpoides* 1971

*Remijia cinchoncarpa* 1962

*Remijia grazielae* 1962

*Remijia hirsuta* 1962

*Remijia kuhlmannii* 1962

*Spermacoce egleri* 1970 with Costa

*Spermacoce limae* 1971

*Spermacoce noronhensis* 1969

*Tillandsia grazielae* 1975 with Braga

*Tillandsia nuptialis* 1969 with Braga

## HONORS

*Sucrea* Soderstrom 1981 (Poaceae)

# Dingchang Xian

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dingchang Xian, Chinese nuclear physicist (Guangzhou, Guangdong Province 15 August 1935 –

With Junyan Chen et al. first to use synchrotron radiation for a non-destructive study of fossil internal structure (2006)

With X.D. Su, Y. Liang, L. Li et al. presented a large scale, high efficiency and low-cost platform for structural genomics studies (2006)

With C. Shi, Y. Jing, H.L. Lu & D.S. Li designed an in-vacuum multipole wiggler (2001)

With L.Y. Zhang presented a special case of non-detrapping variable parameter wiggler of free electron lasers (1991)

With X.H. He developed a cumulant variation method in lattice gauge field theory (1985)

Proposed EXAFS (extended x-ray absorption fine structure) experiment with squared radian x ray photo acoustics independently

Developed a method to calculate the relativistic invariant phase space in particle theory

Proposed an analytical continuation method for the calculation of wave function in 4D space-time

## SOFTWARES

With C.X. Wang. RADID, a software to calculate radiation distributions from insertion devices of one-dimensional linearly polarized magnetic fields (1990)

With Y. Lange & D. Li. BENT, a software for ray tracing of X rays on bent oblique cut crystals (1990)

# Diogenes Santiago Santos

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Diógenes Santiago Santos, Brazilian microbiologist, biochemist and molecular biologist (Gandu, Bahia State 28 June 1942 – Porto Alegre 23 June 2017)

Authored about 200 scientific works (with about 3,000 citations and h index 31)

Solved the three-dimensional structure of 39 proteins deposited in Protein Data Bank (PDB)

With I. Schrank, A. Zaha & E.F. Araújo. Construction of a gene library from *Azospirillum brasilense* and characterization of a recombinant containing the nif structural genes. *Braz. J. Med. Biol. Research* 20:321-30, 1988

With J.C.D. Hinton, A. Sarafi, J. Sidebotham, C. Higgins, T.A. Owenhughes & G.D. Pavitt. H-NS A Novel DNA-Binding Protein Involved in Maintaining Chromatin Structure and Regulating gene Expression. *Journal of Cellular Biochemistry* 8(Suppl.), 295-6, 1993

With J. Rakonjac, M. Milic, R. Ivanisevic & D. Savic. Nov a New Genetic Locus that Affects Response of *Escherichia coli* to Novobiocin. *Molecular Microbiology*, 6(11):1547-53, 1992

With A. H. R. Paz, S. Rief, E. Wolf, K. Prella & E.O.C. Lima. Mouse embryonic stem cells: The establishment of the system to produce differentiated cell types in vitro. *Acta Scientiae Veterinariae* 31(1):51-4, 2003

With J.S. de Oliveira, L.A. Basso, M. Palaci, R. Dietze & I.S. Moreira. An inorganic iron complex that inhibits wild type and an isoniazid-resistant mutant 2 trans-enoyl-ACP (CoA) reductase from *Mycobacterium tuberculosis*. *Chemical Communications* 3:312-3, 2004

With F. Canduri, V. Fadel, L. A. Basso, M.S. Palma & W.F. Azevedo Jr. New catalytic mechanism for human Purine nucleoside Phosphorilase. *Biochemical and Biophysical Research Communications* 327:646-9, 2005

With E.H. de Souza, D.L. Pontes, I.C. N. Diogenes, E. Longhinotti, L.G.F. Lopes, J.S. de Oliveira, L.A. Basso & I.S. Moreira. Electron Transfer Kinetics and Mechanism Study of the Thionicotinamide Coordinate to the Ironpentacyano (II) and (III) Complexes: A Model System for the in vitro Activation of Thioamides anti-tuberculosis drugs. *Journal of Inorganic Biochemistry* 99:368-75, 2005

With B.A.D Neto, F.S Mancilha, I.B. Vasconcelos, C. Thum, L.A. Basso & J. Dupont New Sensitive Fluorophores for Selective DNA detection. *Organic Letters* 9:4001-4, 2007

With C.L. Fernandes, A. Breda, L.A. Basso & O.N. de Souza. A Structural Model for Chorismate Synthase from *Mycobacterium tuberculosis* in Complex with Coenzyme and Substrate. *Computers in Biology and Medicine* 37:149-58, 2007

With I.C. Werlang, C. Schneider & L.A. Basso. Identification of Rv3852 as a nucleoid-associated protein in *Mycobacterium tuberculosis*. *Microbiology* 155:2652-63, 2009

With L.A. Basso, C.Z. Schneider, A. J. A. B. Santos & M.M. Campos. An inorganic Complex that Inhibits *Mycobacterium tuberculosis* Enoyl Reductase as a Prototype of a New Class of Chemotherapeutic Agents to Treat Tuberculosis. *Journal of the Brazilian Chemical Society* 7:1384-89, 2010

With E.H. de Souza, L.A. Basso, I.C.N. Diogenes, E. Longhinotti, L.G. F. Lopes & I. S. Moreira. Isoniazid metal complex reactivity and insights for a novel anti-tubercular drug. *JBIC. Journal of Biological Inorganic Chemistry* 17:275-83, 2012

With M.C de Moraes, R. G. Ducati, A.J. Donato, L.A. Basso, C.L. Cardoso & Q.B. Cass. Capillary bioractors based on human Purine Nucleoside Phosphorylase: a new approach for ligands identification and characterization. *Journal of Chromatography* 1232:110-5, 2012

With I. Pauli, R.N. dos Santos, D.C. Rostirolla, L.K. Martinelli, R.G. Ducati, L.F.S. Timmers, L.A. Basso, R.V.C. Guido, A.D. Andricopulo & O.N. Souza. Discovery of New Inhibitors of *Mycobacterium tuberculosis* InhA Enzyme Using Virtual Screening and a 3D-Pharmacophore-Based Approach. *Journal of Chemical Information and Modeling* 53:2390-2401, 2013

With D. Renck, P. Machado, A.A. Souto, L.A. Rosado, T. Erig, M.M. Campos, C.B. Farias, R. Roesler, Luis F.S. Timmers, O.N. de Souza & L.A. Basso. Design of Novel Potent Inhibitors of Human Uridine Phosphorylase-1: Synthesis, Inhibition Studies, Thermodynamics, and in Vitro Influence on 5-Fluorouracil Cytotoxicity. *Journal of Medicinal Chemistry* 56:8892-02, 2013

With P. Machado, E. Ritter, A.J.B. dos Santos, C. Neves & L.A. Basso. Ultrasound-assisted improvement of drug solubility: a simple and useful method for the formation of salts from 4-hydroxy-6-methyl-3-nitropyridin-2(1H)-one. *Monatshefte fur Chemie* , 144:1165-70, 2013

With D. Renck, A. Santos Jr., P. Machado, G.O. Petersen, T. J. Lopes, M.M. Campos, & L.A. Basso. Human uridine phosphorylase-1 inhibitors: a new approach to ameliorate 5-fluorouracil induced intestinal mucositis. *Investigational New Drugs* (2014)

With G.O. Petersen, S. Saxena, J. Renuka, V. Soni, P. Yogeewari, C.V. Bizarro & D. Sriram. Structure-based virtual screening as a tool for the identification of novel inhibitors against *Mycobacterium tuberculosis* 3-dehydroquinase dehydratase. *Journal of Molecular Graphics & Modelling* , (2015)

With G. Cattaneo, D. Ubiali, E. Calleri, M. Rabuffetti, G.C. Höfner, K.T. wanner, M.C. de Moraes, L.K.B. Martinelli, G. Speranza & G. Massolini. Development, validation and application of a 96-well enzymatic assay based on LC-ESI-MS/MS quantification for the screening of selective inhibitors against *Mycobacterium tuberculosis* purine nucleoside phosphorylase. *Analytica Chimica Acta* 943: 89-97, 2016

With T. Gazzì, M. Rotta, A. Villela, V. Rodrigues Jr., L. Martinelli, F. Sales, E. de Sousa, M. Campos, L.A. Basso & P. Machado. Synthesis, Inhibition of *Mycobacterium tuberculosis* Enoyl-acyl Carrier Protein Reductase and Antimycobacterial Activity of Novel Pentacyanoferrate(II)-isonicotinoylhydrazones. *Journal of the Brazilian Chemical Society* (2017)

With N.D.M. Sperotto, C.D. Roth, V.S. Rodrigues Jr., C.E. Neves et al. Design of novel inhibitors of human thymidine phosphorylase: synthesis, enzyme inhibition, in vitro toxicity and impact on human glioblastoma cancer. *J. Med. Chem.* 62(3):1231-45, 2019

## BRAZILIAN AND FOREIGN PATENTS

With P. Machado, L.A. Basso & K. Pissinate. Compound, method for producing the compound, pharmaceutical composition, use of the compound for preparing a medicinal drug for treating a disorder caused by bacteria of the genus *Mycobacterium* and method for treating a disorder caused by bacteria of the genus *Mycobacterium* BR1020150146809 & WO2016201541 A1 (2015)

With L.A. Basso, P. Machado & D. Renck. Uso de 6-hidroxi-2-piridonas e seus derivados na preparação de uma composição farmacêutica que atue pela inibição da enzima uridina fosforilase humana (Use of 6-hydroxy 2 pyridones and derivatives thereof for preparing a pharmaceutical composition that act by inhibiting the human uridine phosphorylase enzyme ) BR10 2013022567-3 A232 (2013) & US9700547B2 (2014)

With L.A. Basso, P. Machado & T.P. Gazzì. Method for synthesizing lanthanide-based coordination compounds, gadolinium (III)-based coordination compound and use of same BR102013023479-6 (2013) & WO2015035483A1 (2015)

With E.L. Batista Jr., L.A. Basso, A.A. Souto, A.J. Donato & C. Deves. Deazapurinas, processo de preparo, composições farmacêuticas compreendendo deazapurinas e seu uso em osteoporose e/ou perda óssea, (Deazapurin, preparation process, pharmaceutical compositions, understanding deazapurin and its use in osteoporosis and/or bone loss) PI1100248. 2011

With A. A. Souto, L.A. Basso, M.M. Campos & N.F. Nicoletti. Formulação farmacêutica e processo para reduzir hepatotoxicidade (Pharmaceutical formulation and method for reducing hepatotoxicity) PI1001052-1 (2010) WO2011130817A1 (2011)

With L.A. Basso, E.L. Batista Jr. & J.M. Chies. Padrão de referência contendo sequencia nucleotídica, processo para detecção e/ou quantificação de sequências nucleotídicas e Kit (Nucleotide sequence reference standard, process for detection and/or quantitation of nucleotide sequences and kit) PI0701529-1(2007)

With L.A. Basso, E.L. Batista Jr. & J.M. Chies. Synthesis of Standards for detection and quantification of nucleic acids and kit. PI0701529-1(2007) WO2008122097-A1 (2007)

With L.A. Basso, J.M. Chies, G. Renard, I.O. da Fonseca. Método de obtenção de sequências nucleotídicas quiméricas e sequencia nucleotídica quimérica (Method for obtainment of chimeric nucleotide sequences and chimeric nucleotide sequences) PI0506047-8 (2005) & WO20070680 A3 (2007)

With I.S. Moreira & L.A. Basso. Aplicação de Complexos de Metais de Transição para o tratamento de Tuberculose (Transition metal complex application for treatment of tuberculosis, complexes thereof and preparation thereof) PI0300770-7 (2003)



# Dionisio Pelaez

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dionisio Pelaez Fernandez, Spanish-born Mexican medical entomologist and parasitologist (Madrid 06 July 1915 – 29 May 1998)

Authored about 80 works

## DESCRIBED TAXA

### Hemiptera

#### Genera

*Aetheonota* 1955

*Parapterola* 1942

*Pieltainellus* 1970

#### Species

*Aconophora mirandai* 1966

*Anchon boneti* 1935

*Anchon dilaticornis* 1935

*Anchon poensis* 1935

*Asterola (Parapterola) ramburi* 1942

*Cladonota bolivari* 1945

*Cladonota gonzaloi* 1945

*Cladonota hoffmanni* 1940

*Cladonota luctuosa* 1945

*Cladonota pieltaini* 1945

*Cladonota plummieri* 1945

*Cladonota zeledoni* 1967

*Dacaratha hyalina* 1935

*Gargara escalerae* 1935

*Gargara proxima* 1935

*Gargara rubens* 1935

*Jacobiana macrocerus* 1936

*Leptocentrus bolivari* 1935

*Monocentrus flavigaster* 1935

*Monocentrus rotundicornis* 1935

*Orthobelus gomezmenori* 1936

*Paraxiphopoeus elegans* 1935

*Pieltainellus boneti* 1968

*Platybelus colladoi*

*Platybelus macrocerus* 1936

*Platybelus auriculatus* 1941

*Platycentrus auriculatus* 1935

*Spiniger mexicanus* 1942

*Spongophorus inflatus* 1945

*Stalobelus globifer* 1935

*Stalobelus nodulatus* 1935

*Stalobelus tenuispina* 1935

*Triatoma bolivari* 1987 with Carcavallo & Martínez

*Triatoma brailovskyi* 1984 with Martínez & Carcavallo

*Triatoma palidipennis* 1944

*Tricoceps angulata* 1935

*Tricoceps guineensis* 1935

### Acari

Genus

Hoffmannita 1962

Species

Hoffmannita mexicana 1962

Helminths

Species

Acanthostomum caballeroi (Trematoda)

Neobivagina aniversaria 1979 (Monogenea)

Pelaezia unami with Cruz (Trematoda)

Piratuba lanceolata (Nematoda)

Piratuba prolifica (Nematoda)

Protozoa

Species

Plasmodium basilisi

Plasmodium beltrani

Plasmodium brumpti

Plasmodium josefinae

Plasmodium retictum

Trypanosoma ayalai

Trypanosoma aztlani

Trypanosoma serveti

HONORS

Pelaezia Lamothe-Argumedo & Ponciano Rodríguez 1986 (Trematoda)

# Dioscoro Rabor

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dioscoro Siarot Rabor, Philippine zoologist and conservationist (Carcar, Cebu 18 May 1911 – College Laguna, Luzon 25 March 1996)

## DESCRIBED VERTEBRATE TAXA

### Aves

#### Species

*Dicaeum proprium* 1966 with Ripley

*Erythura coloria* 1961 with Ripley

*Micromacronus sordidus* 1968 with Ripley

*Napothera sorsogonensis* 1967 with Rand

*Otus mirus* 1968 with Ripley

*Ptilimopus arcanus* 1955 with Rand

*Stachyris nigrorum* 1952 with Rand

#### Subspecies

##### With Rand

*Aethopyga boltoni malindangensis* 1957

*Aracnothera clarae malindangensis* 1957

*Brachypteryx montana andersoni* 1967

*Coracina striata boholensis* 1959

*Corvus enca sierramadrensis* 1961

*Cyornis herioti camarinensis* 1967

*Dasylophus superciliosus cagayanensis* 1967

*Dicaeum anthonyi masawan* 1957

*Dicaeum hypoleucum cagayanense* 1967

*Dicaeum trigonostigma isidro* 1969

*Ficedula hyperythra malindangensis* 1957

*Ficedula westermanni palawanensis* 1962

*Harpactes ardens liniae* 1959

*Harpactes ardens luzonensis* 1952

*Hypothymis azurea catarmanensis* 1969

*Ixos everetti catarmanensis* 1969

*Lanius validirostris quartus* 1957

*Napothera sorsogonensis sorsogonensis* 1967

*Pachycephala philippinensis siquijorensis* 1957

*Phylloscopus cebuensis sorsogonensis* 1967

*Ptilocichla mindanensis fortichi* 1957

*Pycnonotus goiavier samarensis* 1960

*Pycnonotus urostictus ilokensis* 1957

*Rhabdornis inornatus zamboanga* 1957

*Rhinomyias ruficauda boholensis* 1957

*Rhinomyias ruficauda zamboanga* 1957

*Sitta oenochlamys zamboanga* 1957

*Sitta oenochlamys isarog* 1967

*Stachyris nigrocapitata boholensis* 1957

*Stachyris whiteheadi sorsogonensis* 1967

*Trichoglossus johnstoniae pistra* 1959

*Zosterops nigrorum catamarensis* 1969

*Zosterops nigrorum sierramadrensis* 1969

##### With Ripley

*Brachypteryx montana sillimani* 1962

*Cettia vulcania palawana* 1962

*Lonchura leucogastra palawana* 1962

*Ninox scutulata palawensis* 1962

*Pericrocotus speciosus gonzalesi* 1961

*Phylloscopus trivirgatus benguetensis* 1958

*Pitta erythrogaster thompsoni* 1962

*Pyrrhula leucogenis coriaria* 1961

*Serinus estherae mindanensis* 1961

#### **With Du Pont**

*Macronous striaticeps alcasidi* 1973

#### **Mammalia**

*Petinomys mindanensis* 1939

*Crocidura negrina* 1952

*Dobsonia chapmani* 1952

*Crateromys australis* 1985 with Musser & Heaney

#### **Reptilia (with Brown in 1967)**

*Brachymeles boholensis*

*Brachymeles cebuensis*

*Brachymeles mindorensis*

*Brachymeles orientalis*

*Sphenomorphus diwata*

# Divya Darshan Pant

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Divya Darshan Pant, Indian paleobotanist (Raniket 18 October 1919 – 09 May 2001)

Authored over 300 publications

## Papers in Nature & Science

With D.D. Nautiyal. Seed-bearing Ottokaria-like fructifications from India. *Nature* 207:623–4, 1965

Need for a standardized international glossary of terms in Botany. *Science* 119: 910-1, 1954

Triassic plant remains from the Salt Range in the Punjab. *Nature* 163:214, 1949

## DESCRIBED FOSSIL GENERA

### Plantae

*Ahmadia* 1991 with Srivastava

*Arauspiropitys* 1987 with Singh

*Arberiella* 1960 with Nautiyal

*Asansolia* 1976 with Misra

*Birsinghia* 1995 with Nautiyal & Chaturvedi

*Birsinghpuria* 1985 with Nautiyal & Tiwari

*Bulbospermum* 1985 with Nautiyal & Tiwari

*Catervoxylon* 1987 with Singh

*Caulophyllites* 1979 with Singh

*Chapmanoxylon* 1987 with Singh

*Cheirophyllum* 1978 with Singh

*Chiguites* 1995 with Srivastava

*Cuticulopteris* 1983 with Misra

*Damudopteris* 1974 with Khare

*Damudosorus* 1977 with Misra

*Giridia* 1981 with Nautiyal & Misra

*Glandulataenia* 1990

*Gleichotheca* 1977 with Srivastava

*Harrisiophyllum* 1983 with Srivastava

*Kendoxylon* 1987 with Singh

*Lithangium* 1960 with Nautiyal

*Lycoptaschys* 1961 with Walton

*Maheshwariella* 1963 with Nautiyal

*Neowalesia* 1977

*Nidpuria* 1979 with Basu

*Otofeistia* 1985 with Nautiyal & Tiwari

*Paliandrolepis* 1995 with Nautiyal & Chaturvedi

*Paracatervoxylon* 1987 with Singh

*Parapalaeospiroxylon* 1987 with Singh

*Platycardia* 1960 with Nautiyal

*Polytheca* 1960 with Nautiyal

*Pteronilssonina* 1963 with Mehra

*Pterygospermum* 1960 with Nautiyal

*Ranaoxylon* 1987 with Singh

*Rhabdotaenia* 1958

*Rugaspermum* 1977 with Basu

*Rugatheca* 1977 with Basu

*Sagitophyllum* 1984

*Searsolia* 1975 with Bhatnagar

*Sphagnophyllites* 1978 with Basu  
*Stephanostoma* 1960 with Nautiyal  
*Trithecopteris* 1977 with Misra  
*Vinaykumaria* 1991 with Srivastava  
*Walkomiellopermum* 1964 with Srivastava

### **Sporae**

*Ancorisorites* 1986 with Mishra  
*Bulbosia* 1963 with Mishra  
*Camazonosporites* 1956  
*Canaliculites* 1986 with Mishra  
*Carruthersiella* 1962 with Srivastava  
*Dijkstraea* 1962 with Srivastava  
*Erdmania* 1963 with Mehra  
*Grambastisorites* 1979 with Basu  
*Mammilaespora* 1961 with Srivastava  
*Nidhitriletes* 1979 with Basu  
*Pilatrilites* 1986 with Mishra  
*Ramispinatipora* 1986 with Mishra  
*Rewatrilites* 1986 with Mishra  
*Rugapites* 1977 with Basu  
*Sahnites* 1955  
*Shahdolia* 1986 with Mishra  
*Singraulipora* 1986 with Mishra  
*Striatites* 1955  
*Talchirella* 1961 with Srivastava  
*Tetrasaccus* 1964  
*Trikonía* 1979 with Basu  
*Verrubacutrilites* 1986 with Mishra  
*Virkkipora* 1965 with Srivastava  
*Zeillerisporites* 1964 with Srivastava

### **Acritarcha**

*Balmeella* 1963 with Mehra

### **HONORS (Fossil)**

*Pantea* Chitaley & Yawale 1977 (Plantae)  
*Pantiathallites* Banerjee & Dutta 2014 (Plantae)  
*Pantisporites* Kar 1968 (Sporae)  
*Pantiella* Maheshwari & Banerji 1975 (Sporae)  
*Pantiaspermum* Manik 1987 (Plantae)  
*Pantocarpon* Kapgate, Patil, Ilamkar & Ramteke 2007 (Plantae)  
*Pantopteris* Chandra & Rigby 1982 (Plantae)  
*Pantophyllum* Rigby 1984 (Plantae)

# Dmytro Zajciw

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dmytro Zajciw, Ukrainian-born Brazilian entomologist (Velyka Mykhailivka 17 February 1897 – Rio de Janeiro December 1976)

## DESCRIBED COLEOPTERA GENERA

*Adesmoides* 1967

*Allodemus* 1962

*Allopeplus* 1961

*Catoptronotum* 1959

*Chariergodes* 1963

*Chevrolatella* 1969

*Chlorotherion* 1962

*Cosmisomopsis* 1960

*Cyrtinacantha* 1970

*Dihammaphoroides* 1967

*Dioridium* 1961

*Erythrochiton* 1957

*Eurymeropsis* 1960

*Hephaestioides* 1961

*Hesperophanoschema* 1970

*Hesperophymatus* 1959

*Lathusia* 1959

*Liostola* 1962

*Methioeme* 1963

*Micropelta* 1961

*Mielkea* 1965

*Mimochariergus* 1960

*Moureana* 1967

*Necydaliella* 1960

*Neozodes* 1958

*Olexendrella* 1959 (in honor to his wife Olexandra)

*Oxyommata* 1970

*Paracalydon* 1961

*Paramphionte* 1964

*Paratessaropa* 1957

*Pseudobeta* 1972

*Pseudoeriphus* 1961

*Pseudogrammopsis* 1960

*Pseudomallocera* 1961

*Purpuricenopsis* 1968

*Rhomboidederes* 1963

*Seabraia* 1958

*Seabriella* 1960

*Tricheurymerus* 1961

*Tumiditarsus* 1961

# Domingo Ribeiro dos Guimarães Peixoto

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Domingos Ribeiro dos Guimarães Peixoto, barão de Iguaçu, Brazilian physician (Recife 14 August 1790 – Rio de Janeiro 29 April 1846)

## SOME BIBLIOGRAPHY

Considerations physiologiques et médicales sur les sympathies. Transac. Med. 1:30-61 & 184-223, 1830

Dissertation inaugurale sur les médicaments bresiliens, que l'on peut substituer aux médicaments exotiques dans la pratique de la médecine au Brésil et sur les sympathies considérées sous les rapports physiologique et médicale. Thesis, Faculté de Médecine de Paris (1830)

Prolegômenos, ditados pela obediência, que servirão às observações, que for dando das moléstias cirúrgicas do país, em cada trimestre (1820)

Memória sobre a encefalite, acompanhada da observação de uma hydro-encephalocelle, curada no Hospital Real Militar do Rio de Janeiro e recolhida. Arch. Med. Bras. 3:49-54 & 3:102-8, 1812

## MEMBERSHIP/ HONORS

Correspondent Member, Academie Imperiale de Medicine de Paris

Genus *Peixotoa* Adr. Jussieu 1832 (Malpighiaceae)



# Domingo Taboada

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Domingo Taboada Roldán, Mexican amateur astronomer (Santa Rita, Tlahuapán State 04 August 1892 – Puebla 24 April 1979)

Internationally respected as one of best observers of variable stars in the world

Performed over 44,000 observations of variable stars (since 1945)

Performed observations about behavior of nova stars in the Sagittarius and Scorpion constellations (1954)

Recognized as a solar observer by Harvard College Observatory (1950)

Collaborated to Smithsonian Astrophysical Observatory on the observation of artificial satellites (1957-64)

# Dorival da Fonseca Ribeiro

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Dorival da Fonseca Ribeiro, Brazilian chemist (Campinas, São Paulo State 16 November 1907 – Atibaia, São Paulo State 1960)

Authored 32 works

## OBTAINED/SYNTHESIZED NEW COMPOUNDS

Obtained the urucine from *Bixa orellana* in Rev. Biol. Hyg. 6:68-90, 1935

Sobre um novo sal de bismuto – Iodo-lecitanato de bismuto Rev. Biol. Hyg. 4:44-6, 1934

Contribuição ao estudo da aurotherapia. Sobre um novo composto áurico, o morrhuate de ouro. Bras. Med. 29:577, 1934

Síntese de um novo sal de ouro. Bras. Med. 20:557, 1934

## DEVELOPED METHODS

Sobre um método de esterificação de ácidos graxos (1934)

Esteres de ácidos gordos e seu emprego em hypodermia. Sobre um methodo de esterificação (1934)

Methodo rápido de análise ponderal (1936)

## WORKS IN ENGLISH

Influence of sulfanilamide on the germination of seeds. J. Biol. Chem. 152(3):665-7, 1944

Penicilin action on the germination of seeds. Science 104 (288):18, 1946

## BIBLIOGRAPHY

Mem. Inst. Butantan 30:5-9, 1960-2

# Dulal Pada Sadhu

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Dulal Pada Sadhu, Indian nutritional physiologist (Kapilmuni, Bangladesh 09 May 1916 – ?)

## ACHIEVEMENTS

Discovered the role of deamination and transamination on the protein action mechanism in rats and ruminants

Discovered the fundamental mechanism in the field of energy exchange in the living organism

Demonstrated the stenothermal stage in the evolution of thermal regulation in animals

## SOME BIBLIOGRAPHY

Effect of feeding higher doses of urea on the rumen metabolism in goat. Ind. Vet. J. 45:735-9, 1986

With S.N. Das. Effect of acetazolamide on insulin sensitivity in dogs with alloxan diabetes. Ind. J. Physiol. Pharmacol. 22:301-4, 1978

With S.K. Basu. Skin thermometry of rats under different ambient temperatures. Ind. J. exp. Biol. 15(12), 1977

With S.S. Tripathi & M.V.N. Rao. Effect of thermal stress on certain blood constituents in hill steers. Ind. J. Anim. Health 17:47, 1976

With B. Singh & B.B. Mahapatro. Chemical composition of cattle and buffalo spermatozoa and seminal plasma under different climatic conditions (1969)

With D.R. Chowdhry. Consumption of oxygen by sweat glands of Indian zebu cattle. Nature 198:311, 1967

With D.R. Chowdhry. Rate of evaporation from different regions of the skin of Indian zebu cattle. Nature 189:491, 1961

With S. Chaudhuri. Thyroid activity at higher ambient temperatures. Nature 192:560-1, 1961

With S. Chaudhuri. The role of the adrenergic system in the thermoglycemic response in baby rabbits. Am. J. Physiol. 199:727-8, 1960

With A. Goswami. Polyenoic acid in hypercholesterolemia induced by pyridoxine deficiency in rats. Nature 187:786, 1960

With K.P. Chakravarti. Some aspects of the histochemical studies on the oviduct of the pigeon, *Columba livia* Gmelin. Proc. Zool. Soc. Calcutta 12:9-14, 1959

With N.K. Das. Haematological studies in Indian goats. Proc. 42<sup>nd</sup> Ind. Sci. Congress 3:347, 1955

With S. Mookerjee. Metabolic depression by arsenite and malonate and cholesterologenesis. Arch. Biochem. Biophys. 58:232-6, 1955

With S.N. Ray. Histamine and carbohydrate metabolism (1955)

Influence of lactose on the transglycosidation of sphingosine base in the rat brain. Am. J. Physiol. 175:283-4, 1953

Role of fat on utilization of lactose in milk by rats and rabbits. Proc. Soc. Exp. Biol. Med. 77:585, 1952

With B.L. Truscott. Effect of hypervitaminosis A and of reticuloendothelial system blockade on the thyroid. Anat. Rec. 100:719, 1948

With B.L. Truscott. Hypervitaminosis A and distribution of body iodine. Endocr. 43:120-8, 1948

Vitamin A, iodide and thyrotropic hormone content on the anterior pituitary. Am. J. Physiol. 152:263, 1948

Physiological mechanism of experimental goitrogenesis. Am.J. Physiol. 152:150, 1948

With S. Brody. Thiouracil, basal metabolism and specific dynamic action. Am. J. physiol. 151:130-3, 1947

With S. Brody. Excess vitamin A ingestion, thyroid size and energy metabolism. Am, J. Physiol. 149:400-3, 1947

With S. Brody. The nutritional significance of milk with special reference to milk sugar. Scient. Month. 64(1):5-13, 1947

Growth and development with special reference to domestic animals. The specific dynamic action of nutrients with special reference to the effects of vitamins and hormones (1947)

# Dulcie Alicia Powell

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Dulcie Alicia Powell, Jamaican / US botanist (Albert Town 31 December 1924 – Leonardtown, Maryland, USA 15 May 2016)

Described the plant species *Evolvulus antillanus* 1979

## SOME BIBLIOGRAPHY

With F.R. Fosberg, D. Otobed, M.H. Sachet, R. Oliver & J.E. Canneld. Vascular plants of Palau with vernacular names. (1980)

The Convolvulaceae of the Lesser Antilles. J. Arn. Arb. 60(2):219-71, 1979

With D.F. Austin & D. H. Nicholson. *Convolvulus grandiflorus* Jacquin (Convolvulaceae) re-examined. Brittonia 30:199-202, 1978

With D.F. Austin & D.H. Nicholson. *Stictocardia tilifolia* (Convolvulaceae) revisited. Brittonia 30:195-8, 1978

With R.A. Howard. The introduction of rubber producing species in the West Indies. Econ. Bot. 17:337-49, 1963

Spices in Jamaica (1963)

The mahogany and Jamaica (1962)

Cultural studies on some Hypocreales, including the genus *Chaetomium* (1954)

## HONORS

*Powellia* Batista & Peres 1964 (Fungi)

# Dusheng Ye

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Dusheng (Duzheng) Ye or Tu-Cheng Yeh, Chinese meteorologist (Anqing, Anhui Province 21 February 1916 – Beijing 16 October 2013)

Proposed the spatial scale effect in geostrophic adjustment and between pressure and windfield in the mesoscale notion

Published one of the world's first research papers on the dynamics of the general circulation

Introduced the group velocity into the evolution of atmospheric disturbance

Proposed the theory of long-wave energy dispersion (1949)

Put forward the mechanism of the formation and maintenance of the atmospheric circulation in the mean state (1950)

First to stress the importance of Qinghai (Tibetan Plateau) as a heat source in summer and a cold source in winter, a major contribution to the understanding of the general atmosphere circulating over Asia (1950s)

With Shiyan Tao put forward the idea of the seasonal discontinuity of atmospheric circulation in the Northern Hemisphere (1958) and showed that it was due to onset of the south-western monsoon in India and related phenomena in China and in India

Proposed the scale theory of adaptation process (1958) further developed

With Zhu pointed out that topography and non-adiabatic heating are the fundamental causes for the formation of quasi-stationary planetary waves (1958)

## HONOURS

Honorary Member, Royal Meteorological Society (1982) & American Meteorological Society (1990)

IMO Prize (2003)

# Edgar Rangel Netto

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edgar Rangel Netto, Brazilian astronomer (fl.1973)

## DISCOVERED / OBSERVED ASTEROIDS

With H. Debehogne, L.E. Machado, G.G. Vieira, J.F. Caldeira & S. Vaz. 262 positions of asteroids and their dependences-ESO La Silla, Chile, February 10-25, 1985. Rev. Mex. Astron. Astrofis. 13:161, 1986 (6)

With H. Debehogne, L.E. Machado, G.G. Vieira & J.F. Caldeira. Observed asteroids at the GPO La Silla, Chile 1983 SEP. Rev. Mex. Astron. Astrofis. 11:43, 1985 (9)

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. 308 astrometric positions of minor planets in February and March 1981, ESO, La Silla, Chile. Acta Astron. 33(1):171-81, 1983 (14)

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. 363 Precise positions of asteroids. Rev. Mex. Astron. Astrofis. 8(1):19, 1983 (5)

With H. Debehogne, L.E. Machado, J.F. Caldeira, G.G. Vieira & A. Le Van Suu. 381 astrometric positions of minor planets obtained at the GPO telescope of ESO, La Silla. February / March 1981. Astron. Astrophys. Suppl. Ser. 54:47-53, 1983 (31)

## SOME BIBLIOGRAPHY

With J.F. Caldeira, L.E. Machado & G.G. Vieira. Observação de asteróides na Estación de Altura "El Leoncito", Observatorio Astronomico Felix Aguilar, San Juan, Argentina, julho 1983. Rev. Mex. Astron. Astrofis. 9:91-3, 1984

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. Positions of the minor planets 102 Miriam, 1024 Hale and 1687 Glarona obtained in May and June 1980 with the GPO, ESO, La Silla. Astron. Astrophys. Suppl. Series 47:463-5, 1982

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. Positions of asteroids obtained with the 40 CM GPO at the ESO, La Silla, December 1979. Astron. Astrophys. Suppl. Series 46:371-4, 1981

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. Positions of Jupiter, Galilean satellites and Pluto obtained in May 1980 with GPO of the ESO, La Silla. Astron. Astrophys. Suppl. Series 46:131-4, 1981

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. Asteroidal positions from GPO, ESO La Silla, 1978, 1979. Astron. Astrophys. Suppl. Series 42:81-3, 1980

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. Positions of the Meier comet 1978 / obtained in April 1979 with the large objective prism (f=4m; D=40cm) of the ESO Observatory at La Silla. Astron. Astrophys. Suppl. Series 40:251-2, 1980

With L.E. Machado, J.F. Caldeira, G.G. Vieira & N. Travník. Posições do asteróide 14 Irene obtidas com a câmara astrográfica Pazos (d=11,6 cm; f=1,83 m) do Observatório do Valongo na Estação Astrônomica Municipal do Pico das Cabras, SP, junho 1980. Bol. Astron. 1(1):5-7, 1980

With H. Debehogne, L.E. Machado, G.G. Vieira & J.F. Caldeira. Minor planets positions obtained in September 1977 with 25 cm (f=1,70 m) astrographic camera of the Observatorio Nacional do Brasil. Astron. Astrophys. Suppl. Series 36:407-9, 1979

With H. Debehogne, L.E. Machado, J.F. Caldeira & G.G. Vieira. Positions of Jupiter and Galilean satellites in 1978. Astron. Astrophys. Suppl. Series 36:171-2, 1978

## HONORS

3175 Netto (Asteroid)

# Edgard Roquette Pinto

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Edgard Roquette Pinto, Brazilian anthropologist, ethnologist and writer (Rio de Janeiro 25 September 1884 – Rio de Janeiro 18 October 1954)

His full name was Edgar Roquette Carneiro de Mendonça Pinto Vieira de Mello

Performed anthropometric measurements in Indians of Nambiquara, Paresis and Urupás tribes

With B. Vinelli Baptista. Contribution à l'Anatomie Comparée des Races Humaines (1926)

Laid the basis of forensic entomology in tropical lands

With O. Freire. Nota sobre a fauna cadavérica no Rio de Janeiro. A Tribuna Médica 21:413-7, 1908

With O.B. de Couto e Silva & A. Ozorio de Almeida. Sobre um novo veneno sagitário dos índios Purus-Borós. Anais Acad. Bras. Ciências (1926)

Honored in genus *Roquettea* Mello-Leitão 1931 (Arachnida)

# Edison Dias Teixeira

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edison Dias Teixeira, Brazilian / US surgeon (Rio de Janeiro 1933 –

Developed distal splenorenal shunt independently from W.D. Warren

With H. Yu & J.J. Bergan. Nova técnica na cirurgia da hipertensão porta. Estudo experimental. Rev. Bras. Cir. 53:443-6, 1967

With G. Monteiro, M. de Cenzo, A. Teixeira & J.J. Bergan. Transplantation of the isolated pancreas: report on the first human case. Bull. Soc. Int. Chir. 29(6):337-44, 1970



# Edmundo Alfredo Ruveda

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Edmundo Alfredo Ruveda, Argentine organic chemist (Corrientes 18 March 1934 – Rosario 14 December 2018)

With M.D. Preite, J. Zinczuk, M.I. Colombo, J.A. Bacigalupo & M. Gonzalez Sierra. Resolution and absolute configuration of a tricyclic lactone. A potentially useful precursor of highly functionalized terpenoids. *Tetrahedron Asymmetry* 4:17, 1993

With M. Gonzalez Sierra, A.C.Olivieri & M.I. Colombo. The absolute stereochemistry of the novel dioxiaspiroditerpenoids strictanonic and grindelistrictiacid . Stereoselective synthesis of strictanonic acid methyl ester and its C6 epimer. *J. Chem. Soc. Perkin Trans. I* 1:1393, 1989

With T.S. Kaufman & M. Gonzalez Sierra. Synthesis of an Alberta oil sand bitumen CJ10 tricyclic carboxylic acid bearing a novel diterpenoid skeleton (1988)

With A.C. Olivieri & M. Gonzalez Sierra. Stereoselective synthesis of the novel bisnorditerpene grindelistrictic acid, isolated from *Grindelia strictis*. *J.Org. Chem.* 51:2824, 1986

With M.P. Mischne & M. Gonzalez Sierra. Synthesis of the novel marine diterpenes isocopal-12-en-15,16-dial, 14-epi-Isocopal-12-en-15,16 dial and 15-acetoxy-Isocopal-12-en-16-al from methyl isocopalate. *J. Org. Chem.* 49:2035, 1984

With M. Gonzalez Sierra & R.A. Spanevello. Simple and efficient synthesis of 3-oxo-2,6,6-trimethylcyclohex-1-ene-1-carboxylic acid, a key synthon for rac-strigol. *J. Org. Chem.* 48:5111, 1983

With D.S. de Miranda, G. Brendolan, P.M. Imamura, M. Gonzalez Sierra & A.J. Marsaioli. Stereoselective synthesis of the enantiomer of the novel marine diterpene isoagatholactone, it-13j6: sporgiadien-12-aol, and the parent hydrocarbon isocopalane from methyl isocopalate. *J. Org. Chem.* 46(24), 1981

With P.M. Imamura & M. Gonzalez Sierra. Stereoselective synthesis of the novel marine diterpene (+) isoagatholactone. *Chem. Soc. Chem. Comm.* 734 (1981)

With H.A. Priestap & J.D. Bonafede. Argentilactone, a novel 5-hydroxyacid lactone from *Aristolochia argentina*. *Phytochem.* 16(10):1579-82, 1977

# Edmundo Ferraz Nonato

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edmundo Ferraz Nonato, Brazilian marine zoologist (Campinas, São Paulo State 01 June 1920 – São Paulo 14 April 2014)

## DESCRIBED ANNELIDA POLYCHAETA TAXA

### Species

*Amphicteis latibranchiata* 1981  
*Anaitides tamoya* 1981  
*Arenicola brasiliensis* 1958  
*Axiothella gregaria* 1996 with Petti  
*Bonuania humilis* 1996 with Petti  
*Chone insularis* 1981  
*Drilonereis mulleri* 1981  
*Drilonereis pseudofilum* 1996 with Petti  
*Euarche rudipalpa* 1984 with Amaral  
*Eunice sebastiani* 1965  
*Euniphysa rudis* 1981  
*Eunoe papillosa* 1982 with Amaral  
*Eunoe serrata* 1982 with Amaral  
*Euphionella besnardi* 1982 with Amaral  
*Goniadides uncata* 1981 with Amaral  
*Grubeulepis bractetata* 1981  
*Gyptis callithrix* 1981 with Amaral  
*Hemipodus rotundus* 1981 with Amaral  
*Iphitime sartorae* 1991 with Paiva  
*Laetmonice parva* 1982 with Amaral  
*Lagisca lepida* 1982 with Amaral  
*Laonice branchiata* 1986 with Bolívar & Lana  
*Lepidasthenia esbelta* 1982 with Amaral  
*Litocorsa mirim* 1996 with Petti  
*Lumbrineris angrense* 1981  
*Neopsammolyce catenulata* 1984 with Amaral  
*Nereis nova* 1976  
*Nereis prodiga* 1996 with Petti  
*Paramphinome besnardi* 1994 with Amaral  
*Pareulepis multibranchiata* 1984 with Amaral  
*Pectinaria laelia* 1981  
*Petersenaspis capillata* 1966  
*Pherusa capitata* 1966  
*Poecilochaetus australis* 1963  
*Scolaricia papillifera* 1981  
*Scoloplos agrestis* 1970 with Luna  
*Sigalion taquari* 1984 with Amaral  
*Thoracophelia mammillata* 2004 with Santos & Petersen  
*Thoracophelia papillata* 2004 with Santos & Petersen

### Subspecies

*Diplocirrus glaucus australis* 1981  
*Gattyana cirrosa rustica* 1981  
*Loandalia americana minuta* 1981  
*Travisia kerguelensis trianulata* 1990 with Paiva

**Others**

*Cylicobdella intermedium* 1946 (Hirudinea)

*Rhynchosciara angelae* 1951 with Pavan (Diptera)

**HONORS**

*Nonatus* Amaral 1980 (Polychaeta)

*Nonatona* Marcus 1952 (Turbellaria)

# Edmundo Pereira

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edmundo Pereira, Brazilian botanist (Petrópolis, Rio de Janeiro State 19 March 1914 – Rio de Janeiro 16 May 1986)

Authored 53 papers

## DESCRIBED PLANTAE TAXA

### Bromeliaceae

110 species, 30 varieties, one subspecies and 4 forms

### Others

3 species, 3 varieties and one form

## HONORS

*Edmundoa* Leme 1997 (Bromeliaceae)

# Edmundo Pisano

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Edmundo Enrique Pisano Valdés, Chilean plant geographer and ecologist (Punta Arenas, Magallanes & Antartica Chilena 19 May 1919 – Santiago de Chile 20 March 1997)

Described *Fuchsia magellanica* var. *eburnea* 1979

## SOME BIBLIOGRAPHY

La estepa patagónica como recurso forrajero en Aysén y Magallanes (1984)

Bosquejo fitogeográfico de Fuego-Patagonia. Anal. Inst.Patagonia 12:159-71, 1981

Fitogeografía de Fuego-Patagonia chilena (1977)

Características de la biota magallánica derivadas de factores especiales. Anal. Inst.Patagonia 6:123-37, 1975

Fitogeografía de la Península de Brunswick. Anal. Inst.Patagonia 4:141-206, 1973

La vida en los Parques Nacionales. Anal. Inst.Patagonia (1973)

Estudio ecológico preliminar de Parque Nacional “Los Pingüinos” (Estrecho de Magallanes). Anal. Inst.Patagonia 2(1-2):76-95, 1971

Geografía económica de Chile (1950)

Esquema de clasificación de las comunidades vegetales de Chile. Agronomía 2(1):30-33, 1956

La vegetación de las distintas zonas geográficas chilenas. Rev. Geogr. Chile Terra Australis 11:95-107, 1954

With C. Muñoz Pizarro. Estudio de la vegetación y flora de los parques nacionales de fray Jorge y Talinay. Agric. Técnica 2, 1947

Tipos de vegetación y fitoclimas en la Transecta Botánica de la Patagonia austral

## HONORS

*Pisanoa* Haessel 1989 (Hepaticae)

# Edna Pauline Plumstead

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Edna Pauline Janisch Plumstead, South African palaeobotanist, stratigrapher and coal geologist (Cape Town 15 September 1903 – Johannesburg 23 September 1989)

Authored the first report about fossil fructifications of *Glossopteris* species being then invited to Geological Society of London (1953)

## DESCRIBED FOSSIL PLANTAE TAXA

### Valid Genera

- Hirsutum*
- Jongmansis* 1961
- Lanceolatus* 1952
- Lerouxia* 1961
- Pluma* 1958
- Scutum* 1952
- Vannus* 1963

### Species

- Bifariola intermittens* 1958
- Euryphyllum antarcticum* 1969
- Gangamopteris stephensonii* 1973
- Gladiponum dutoitides*
- Glossopteris fuchsii* 1962
- Gonophylloides strictum*
- Jongmansis transvaalensis* 1958
- Lanceolatus derouxides* 1952
- Lanceolatus palaeovittarius*
- Otozamites antarcticus* 1962
- Ottokaria buriadica* 1956
- Ottokaria transvaalensis* 1956
- Platyphyllum albanense* 1967
- Pluma longicaulis* 1958
- Plumsteadia lerouxii*
- Plumsteadia stricta* 1958
- Scutum leslium* 1952
- Scutum thomasii*
- Vannus gondwanensis* 1963
- Walikalia juckesii* 1975

## HONORS (Fossil Plantae)

- Plumsteadia* Rigby 1963
- Plumsteadielliella* Le Roux 1966
- Plumsteadiostrobus* Chandra & Surange 1977

# Edson Saad

June 27, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Edson Abdalla Saad, Brazilian cardiologist (Igarapava, São Paulo State 12 July 1935 – Rio de Janeiro 03 June 2005)

From Lebanese parents

## ACHIEVEMENTS

Described systematically the digestive lesions of Nicolas-Favre disease and was the first to treat them employing glucocorticoids

With S. Coutinho & J. Rodrigues da Silva first to demonstrate the existence of clinical forms of schistosomiasis with post-sinusoidal portal hypertension and describe its clinical and anatomopathological figure

Authored works distinguishing schistosomiasis from other hepatopathies using supra-hepatic venography

Performed the first systematic hemodynamical studies in Chagas disease and the first left catheterization in this disease (1969)

Performed the first in vivo coronariographies in Chagas disease

Tracked the path of cardiac decompensation in Chagas disease and its many evolutive hemodynamic phases

Showed the existence of a vagal hipertonus at A-V node level in Chagas disease

First to show the role that play the echocardiogram in assessing the cardiac endangerment in Chagas disease

Showed the incidence of auto-antibodies and the role of lymph cells in Chagas disease

With Widerhecker, Panerai and Grynzpan developed a technique for outer detection of His bundle electrogram

With Grynzpan & Mello developed a videodensimetric catch and processing system of signs that permit measuring ventricular volumes and valvar regurgitations

## LINKS

<http://www.arquivosonline.com.br/entrevistas/drsaad/carreira.asp> ( Portuguese)

# Eduardo Alfredo Zancolli

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Eduardo Alfredo Zancolli Pomares, Argentine surgeon (Chivilcoy, Buenos Aires Province 23 May 1924 –

Recognized throughout the world as being the highest authority in hand surgery

Authored Atlas of surgical anatomy of the hand (1991) & Structural and dynamic basis of hand surgery

Presented the complete transfer of great pectoral muscle with its extended tendon as a new criterion for arthropathy of rotator cuff (2010)

With H.J. Mitre introduced the term bipolar transfer

## TECHNIQUES/METHODS

Presented the posterior interosseous free flap for hand reconstruction or reverse pedicle posterior interosseous arterial flap (1985)

With C. Angrigiani. Colgajo anterior de antebrazo “en isla” (Pediculo de vasos interóseos posteriores). Rev. Asoc. Arg. Ortop. Traumatol. 51(2):161, 1986

Described volar translocation of the radial lateral band for surgical correction of flexible swan-neck deformity (1975)

With H.J. Mitre developed bipolar latissimus dorsi transfer to restore elbow flexion (1973)

Developed Zancolli operation for tendon transfer of biceps

Paralytic supination contracture of the forearm. J. Bone Joint Surg. Ann 49:1276, 1967

With H.J. Mitre, M. Bick, G. Dabbah & R.A. Troiano. Intercapsulo-cleidothoracic disarticulation. Indications and technic. Prensa Med. Arg. 52(16):1122-6, 1965

Proposed Zancolli technique for thumb reconstruction

Transplantation of the index finger in congenital absence of the thumb. J. Bone Joint Surg. 42(4):658-60, 1960

Claw-hand caused by paralysis of the intrinsic muscles. A simple surgical procedure for its correction. J. Bone Joint Surg. 39 A:1076-80, 1957

Cirugía de la mano. Un nuevo método de corrección en la contractura congénita de los músculos flexores digitales (alargamiento intertendinoso). La Prensa Med. Arg. 44:279, 1957

Epiphysioloysis of the hip or coxa vara of adolescents in the state of accentuated separation: operative technique and results. Sem. Med. 110(25):847-54, 1957

With J. Carrascosa & J. di Paoli. Method of radiological examination of the coccyx. Prensa Med. Arg. 43(50):3686, 1956

With A.O. Calzaretto, A. Spadafora & J.M. Corizzo. Indications and technic of bone block between the first two metacarpals. Prensa Med. Arg. 40(41):2765-9, 1953

New technic for correction of congenital contractures of the digital flexor muscles: intertendineous lengthening

## EPONYMY

Zancolli lassos procedure

Zancolli capsulodesis

Zancolli suspension-interposition arthroplasty

Zancolli operation or capsuloplasty

Zancolli nailing method for percutaneous osteodesis

Zancolli operation in obstetrical brachial plexus palsy

Zancolli technique for palmar capsulodesis of the metacarpophalangeal joint

Zancolli technique of MP joint capsuloplasty

Zancolli technique of lengthening of the latissimus dorsi tendon

Zancolli procedure of ulnar nerve palsy

Zancolli procedure for treatment of cubital and mediocubital claw hand (with G. Dabbah)

Zancolli procedure in tetraplegia

Zancolli procedure of transfemoraminial ligaments

Zancolli procedure of transosseous fixation

Zancolli method of lateral band tenodesis

Haines-Zancolli test

Zancolli capsulotomy flexion

Zancolli lateral slip



# Eduardo Faustino Wilde

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Eduardo Faustino Wilde García, Argentine physician, writer and political personality (Tupiza, Bolivia 15 June 1844 – Madrid, Spain 05 September 1913)

From English and French descent

Proposed phrenicotomy as treatment for tuberculosis (Wilde operation) about 40 years before German physician Sturtz popularized it at Europe in 1911

Honored in genus *Wildeichnus* Casamiquela 1964 (Ichnofossil)

His relative, Felix Celso Reyes Gainza, Argentine geologist and geophysicist (Tupiza, Bolivia 07 January 1924 – 28 December 1972)

## SOME BIBLIOGRAPHY

Algunas consideraciones sobre la posible edad geologica del cambio de pendiente regional de las Sierras Subandinas del noroeste argentino y sudeste de Bolivia. Rev. Inst. Geol. Minería Univ. Nac. Jujuy 3:7-25, 1978

Consideraciones sobre el Cretácico de la Cuenca Subandina de Bolivia. Rev. Bras. Geocien. 4(2):95-113, 1974

On the Carboniferous and Permian of Bolivia and Northwestern Argentina. Anais Acad. Bras. Cien. 44 (Suppl.):261-77, 1972

Correlaciones en el Cretácico de la Cuenca Andina de Bolivia, Peru y Chile. Rev. Tecnica YPFB 1(2-3):101-44, 1972

Posición estratigrafica de las Areniscas Superiores. Bol. Tecn. YPFB 1(4):7-36, 1959

## HONOURS

*Reyesichnus* Alonso, Carbajal & Raskovsky 1980 (Aves)

# Eduardo Hector Zarantonello

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Eduardo Hector Zarantonello Lanari, Argentine mathematician (Buenos Aires 04 June 1918 – Mendoza 13 January 2010)

Son of Italian immigrants

With G. Birkhoff wrote *Jets, Wakes and Cavities* (1957), a classical book on advanced topics of theoretical hydrodynamics

## INTRODUCED

A constructive theorem for the equations of flows with free boundaries (1950)

Monotone operators (1960) independent from Kachurovsky (1960) & Minty (1962)

Monotone maps (1960) independent from Vainberg & Kachurovsky

Generalized projection operator

Concept of numerical range of non-linear Hilbert space operators (1964)

## EPONYMY

Zarantonello inequality

Zarantonello theorem (1960)

Zarantonello numerical range

Zarantonello condition

# Eduardo Palma

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Eduardo Carlos Palma Bellmunt, Uruguayan surgeon (Montevideo 28 July 1907 – 1994)

Of Genovese descent from paternal side

Authored 223 scientific works

Developed a venous bypass for femoropopliteal arteriopathy employing autologous vein (1956)

First described surgical bypass of iliofemoral vein utilizing the contralateral saphenous vein as a crossover graft known as cross over vein graft or Palma operation

With F. Risi, H. Tobler & F. del Campo. Tratamiento de los trastornos postflebiticos mediante anastomosis venosa safeno-femoral cotrolateral. Bull. Soc. Surg. Uruguay 29:135-45, 1958

With R. Esperon. Vein transplants and grafts in the surgical treatment of the post-phlebitic syndrome. J. Cardiovasc. Surg. 1:94, 1960

Described juvenile syndrome of Hunter canal and ring of third adduct or stenosing juvenile arteriopathy of Hunter canal or Palma's syndrome in chronic obliterative arteriopathies

Stenosed artheriopathy of the Hunter canal and loop of the adductor magnus. Amer. J. Surg. 83:723, 1952

Described the lesions known as hemodynamic arteriopathies, an important etiopathogenic cause of arteriosclerosis (1954-9)

Suggested the hemotraumatic origin of arteriosclerosis (1968)

Proposed the viral origin of schizophrenia (1952)

## DESCRIBED/DEVELOPED TECHNIQUES/METHODS

Developed a technique of transcecal ileostomy internationally known

Established a technique for identifying branchings of bile ducts via incisions

Perfected the sigmoid descending pull-trough and the Pfannenstiel operation

Simultaneous colostomy and ileostomy – ileostomy with an autonomically continent sphincter. World J. Surg. 6:130-7, 1982

A technique for posterior fossa exposure. Psychiat. Neurol. Neurochir. 65:97-102, 1962

With R.J. Rodríguez Martínez, W. Perillo & F. Fernandez. Technic of approach of the posterior fossa. Bol. Soc. Cir. Uruguay 30:82-93, 1959

With H. Delgado. Treatment of abdominal eventration by means of plastic repair with mobilization of the costal border. Bol. Soc. Cir. Uruguay 30:60-4, 1959 (a procedure for treatment of middle eventrations through resection of cartilaginous costal flanges)

Technic of osteoplastic craniotomy for brain surgery. Bol. Trab. Soc. Cir. Buenos Aires 41:25-41, 1957 (Sp. Number)

Perfectionization of thoracolaparotomy. An. Paul. Med. Cir. 69(2):133-51, 1955

With E. Peluffo, H.C. Bazzano & J.C. Beltrán. Cerebral hydatid cyst in a 3 year old child: surgical technic and results. Arch. Pediat. Uruguay 23(2):102-15, 1952

With J. Rodríguez Juanotena. Contribution to the technique of median laparotomy. Arch. Urug. Med. Cir. Espec. 36(6):517-24, 1950

Lumbar sympathectomy: technic and results. Bol. Soc. Cir. Uruguay 21(5):505-24, 1950

With C. Bordoni Posse & J.J. Estable. La tecnica de arteriografia de contraste y sus resultados. Rev. Inform. Terap. 19:106, 1937

## HONOURS

Foreign Associate Member, Academie de Chirurgie de France (1978)

Honorary Member, French Association of Surgery (1979)

Ratschow Gedachtnis Gold Medal, Germany (1983)

# Eduardo Rapoport

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Eduardo Hugo Rapoport, Argentine ecologist and biogeographer (Buenos Aires 03 July 1927 – San Carlos de Bariloche, Río Negro Province 16 May 2017)

From Jewish Russian ancestry

Anticipated the vicariance concept

Defined transition zones

Obtained the first evidences in favour of Rapoport rule named in his honor (1975; 1982)

With M.V. Capparelli & J.E. Rabinovich. La irregularidad, un nuevo parametro para describir la distribución espacial de organismos. Acta Cient. Venez. 22(1):26-7, 1971

Una medida de la micro-heterogeneidad en la distribución espacial de los artropodos edáficos. Folia Entomol. Mex. 23-4:113-5, 1972

Authored the book Areografía: las estrategias geográficas de las especies (1975; translated into English in 1982). It was used in research institutions in Europe and United States

Authored Population studies on three species of Cladocera. Nature 179:637-8, 1957

Established the importance of insects in transforming litter into organic matter usable as nutrients

## DESCRIBED COLLEMBOLA TAXA

### Genera

*Araucanocyrtis* 1968 with Massoud

*Brachygastrura* 1962

*Delamarellina* 1963 with Rubio

*Mucrotoma* 1963 with Rubio

*Neorganella* 1963 with Rubio

*Notachorudina* 1962 with Cassagnau

*Parastomella* 1968 with Rubio

*Probrachystomella* 1962

### Species

87

## HONOURS (Collembola)

*Rapoportina* Salmon 1964

*Rapoportella* Ellis & Bellinger 1973

*Raponella* Najt 1988

Honorary Member, Ecological Society of America (1996)

# Eduardo Sabino de Oliveira

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eduardo Sabino de Oliveira, Brazilian engineer (São Paulo 02 December 1904 – São Paulo 06 April 1993)

Studied hydrated alcohol technology as an energy propulsion in engine bench tests being his experiences were commented positively by Association des Chimistes de France and by Empire Motor Fuel Committee (1920-30s)

Discovered vehicle acceleration tests

With Lauro de Barros Siciliano made fundamental research about the viability of using ethanol as carburant in internal combustion engines (1937) and developed the first Brazilian modern prototypes of ethanol-powered engines in the automotive industry

Demonstrated the alcohol requirements for greater efficiency as fuel in gasoline engines

Demonstrated that the mixture 90% gasoline and 10% anhydrous alcohol didn't require adjustment

Developed a carburetor and a cooling system that enable the use of anhydrous alcohol with varying compression rates without causing corrosion and suggesting an auxiliary gasoline tank for cold start

Discovered that hydrated alcohol wasn't impracticable for combustion

Observed the economic viability of methanol and ammonia production from eucalyptus gasification (1955)

Developed an electrical process to turn wood and coal into methanol

## PATENTS

Aperfeiçoamento introduzido no circuito de alimentação de um motor diesel destinado a permitir a utilização de metanol dissociado como combustível principal do mesmo  
PI7900933-6 B1 (1979)

# Eduardo Schmitter Villada

June 27, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Eduardo Schmitter Villada, Mexican mineralogist and petrographer (Toluca 21 June 1904 – 1982?)

From Swiss father

## SOME BIBLIOGRAPHY

With Z. de Cserna, P.E. Damon, D.E. Livingston & L.J. Kulp. Edades isotopicas de rocas metamorficas del centro y sur de Guerrero y de una monzonite cuarcífera de Sinaloa. Bol. Inst. Geol. UNAM 26:195-204, 1974

With Z. de Cserna, C. Fries Jr, J. Rincón Orta & J. Solorio-Munguía. Nuevos datos geocronometricos paleozoicos del sur de Mexico. Bol. Asoc. Mex. Geol. Petroleros 26:195-204, 1974

With C. Fries Jr., Z. de Cserna, C. Rincón Orta, A. Wesley & J. Solorio-Munguía. Edad Precámbrica tardía del Esquisto Taxco, Estado de Guerrero. Bol. Asoc. Mex. Geol. Petroleros 26:183-93, 1974

With C. Fries Jr, C. Rincón-Orta, L.T. Silver, F.W.McDowell, J. Solorio-Munguía & Z. de Cserna. Nuevas aportaciones a la geocronología de la faja tectonica Oaxaqueña. Bol. Asoc. Mex. Geol. Petroleros 26:157-82, 1974

With Z. de Cserna, C. Fries Jr, C. Rincón Orta, L.T. Silver, M. Wesley & J. Solorio-Munguía. Datos geocronometricos terciarios de los estados de Mexico, Morelos y Guerrero. Bol. Asoc. Mex. Geol. Petroleros (1974)

With C. Fries Jr., C. Rincón Orta, J. Solorio-Munguía & Z. de Cserna. Uma edad radiometrica ordovicica de Totoltepec, Estado de Puebla (1970)

Nelsonita de ilmenita y magnetita de la región de Huitzo, Estado de Oaxaca (1970)

With Z. de Cserna, C. Rincón Orta & J. Solorio-Munguía. Una edad radiometrica permica temprana de la región de Placer de Guadalupe, noreste de Chihuahua. Bol. Soc. Geol. Mex. 31(1):65-73, 1968

With C. Fries Jr, P.E. Damon, D.E. Livingston & R. Erickson. Edad de las rocas metamorficas en los cañones de La Peregrina y de Caballeros, parte centro-occidental de Tamaulipas (1962)

With C. Fries Jr, P.E. Damon & D.E. Livingston. Rocas precámbricas de edad grenvilliana de la parte central de Oaxaca em el sur de Mexico. Bol. Inst. Geol. UNAM 64:45-53, 1962

Clasificación basada en el análisis térmico diferencial de materiales arcillosos colectados en diferentes regiones del país. Bol. Inst. Geol. Mexico 59:105-11, 1959

With C. Fries Jr. Geology of the Huahuaxtla Mercury District State of Guerrero, Mexico (1948)

With C. Fries Jr. Tin-bearing placers near Guadalcazar, State of San Luis Potosí, Mexico. Bull US Geol. Surv. (1948)

With C. Fries Jr. Scheelite deposits in the northern part of the Sierra de Juarez, Northern Territory, Lower California, Mexico (1945)

Metodo para laminar ejemplares de microfosiles. Bol. Soc. Geol. Mexico 11(7), 1944

A specimen of paraganajuatite with guanajuatite and scheelite from León, Guanajuato, Mexico

## HONORS

Schmitterite Gaines 1971 (Mineral)

# Eduardo Terra Arocena

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eduardo Terra Arocena, Uruguayan geologist (Montevideo 09 December 1890 – Montevideo 29 July 1966)

## SOME BIBLIOGRAPHY

With N. Serra, J.H. Caorsi & R. Bonfiglio. Mapa geologico de la Republica Oriental del Uruguay (1946)

With R. Mendez Alzola. Contribuciones a la geología del Uruguay. Physis 14:115-42, 1939

With M. Quinteros & D. Rey Vercesi. La erosión de los suelos. Rev. Asoc. Ing. Agr. 11(3):16-27, 1939

Nota sobre el piso de Itararé y los sedimentos marinos del Rincón de Alonso. Bol. Inst. Geol. Perf. Urug. 8, 1926

## HONORS

*Terraia* Cox 1934 (Fossil Mollusca)

# Edward & Inge Oliver

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edward "Ted" George Hudson Oliver, South African botanist (Cape Town 14 October 1938 –

Regarded as a world authority on subfamily Ericoideae

Authored over 110 papers and books

## DESCRIBED PLANTAE TAXA

### Genus

*Stokoeanthus* 1976

### Subgenera

*Anomalosepala* 1987

*Metagyne* 1976

### Species

185 (157 of genus *Erica*)

### Subspecies

35 (31 of genus *Erica*)

## HONORS

*Tedingea* Muller-Doblies & Muller-Doblies 1985 (Amaryllidaceae) for both

His wife Inge Magdalene Nitzsche Oliver, botanist (Lichtenburg, Ngaka Modiri Nolema, North West 18 December 1947 – Stellenbosch, Western Cape 06 July 2003)

Co-described 16 species and 22 subspecies of genus *Erica* (all with her husband)

The only one species with another person is *Sebaea amicorum* 2001 with Beyers



# Edwin O’Neill Willis

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edwin O'Neill Willis, US-born Brazilian ornithologist (Russelville, Alabama State 18 January 1935 – Rio Claro, São Paulo State 11 April 2015)

Developed new method for catching birds using nets

With A. Assumpção. Dois métodos novos de armação de redes para captura de aves. *Atual. Ornitol.* 60:6-7, 1994

## DESCRIBED NEW TAXA

### Aves

#### Genus

*Skutchia* 1968

#### Species

*Phylloscartes kronei* 1992 with Oniki

### Others

#### Species

*Ricinus ruficapillus* 2004 with Oniki & Mey (Phthiraptera)

## SOME BIBLIOGRAPHY

Tanagers, finches and weaver as ant followers. *Gerfaut* 76:307-16, 1986

*Myrmeciza* and related antbirds (Aves, Formicariidae) as army ant followers. *Rev. Bras. Zool.* 2(7):433-42, 1985

Behavior and systematic status of gray-headed tanagers (*Trichothraupis penicillata*, Emberizidae). *Naturalia* 10:113-45, 1985

Neotropical thrushes (Turdidae) as army ant followers. *Cien. Cult.* 36:1197-02, 1984

Diversity in adversity: the behaviors of two subordinate antbirds. *Arq. Zool.* 30:1-77, 1981

The behavior of ocellated antbirds. *Smith. Contrib. Zool.* 144:1-57, 1973

Survival rates for visited and unvisited nests of bicolored antbirds. *Auk* 90:263-7, 1973

Taxonomy, ecology and behavior of the Sooty Ant-tanager and other ant-tanagers. *Am. Mus. Novit.* 2480:1-38, 1972

Taxonomy and behavior of pale-faced antbirds (1968)

The behavior of bicolored antbirds. *Publ. Zool. Univ. California* 79:1-127, 1967

Interspecific competition and the foraging behavior of Plain-brown woodcreepers. *Ecology* 47:667-72, 1966

The role of migrant birds at swarms of army ants. *Living Bird* 5:187-231, 1966

A study of the foraging behavior of two species of ant-tanagers. *Auk* 77:150-70, 1960

## HONORS

*Willisornis* Agne & Pacheco 2007 (Aves)

# Edwin Percy Phillips

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Edwin Percy Phillips, South African botanist (Sea Point, Cape Town 18 February 1884 – Cape Town 12 April 1967)

Authored over 200 scientific papers

## DESCRIBED PLANTAE TAXA

### Genera

*Allenia* 1944

*Basutica* 1944

*Inezia* 1932

*Keetia* 1926

*Pseudognidia* 1944

*Pseudoscolopia* 1927

*Spatallopsis* 1946

*Stapeliopsis* 1932

*Struthiolopsis* 1944

*Stultitia* 1933

*Susanna* 1950 (for his wife Susan Kriel)

*Theilera* 1927

*Ursiniopsis* 1951

### Species

255

## HONOURS

*Erepsia* N.E. Brown 1925 (Aizoaceae)

# Edwyn Charles Reed

April 23, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Edwyn Charles Reed, English-born Chilean naturalist (Bristol, England 07 November 1841 – Concepción 05 November 1910)

## DESCRIBED HYMENOPTERA GENERA

*Cadeguala* 1892

*Dumonela* 1894

*Liphanthus* 1894

*Neomutilla* 1898

*Neosphex* 1894

*Pseudolarra* 1894

### Others

*Cyanotarus* 1874 (Coleoptera)

*Rochrosoma* 1899 (Hemiptera)

*Tana* 1888 (Diptera)

*Trachysarus* 1874 (Coleoptera)

## HONORS (Hymenoptera)

Subg *Reedapis* Michener 1989

*Reedomutilla* Mickel 1964

*Edwinyana* Moure 1954

*Edwynia* Aldrich 1930 (Diptera)

# Efrain Hernandez Xolocotzi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Efraín Ildefonso Hernandez Xolocotzi y Guzmán, Mexican ethnobotanist and botanical explorer (San Bernabé Amaxac de Guerrero, Tlaxcala State 23 January 1913 – Chapingo 21 February 1992)

Authored over 200 papers and 6 books

World authority on economic botany and ethnobotany mainly about collection of genetic resources for culture

Authored with G. Alanis Estudio morfológico de cinco nuevas razas de maíz de la Sierra Madre Occidental de Mexico. Agrociencias 5:3-30, 1970

## HONOURS

Genus *Xolocotzia* Miranda 1965 (Verbenaceae)

Distinguished Economic Botanist, American Society for Economic Botany (1984)

Frank N. Meyer Medal, Crop Science Society (1981)

# Egbert Cornelis Nicolaas Van Hoepen

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Egbert Cornelis Nicolaas Van Hoepen, Dutch-born South African paleontologist and archaeologist (Vlissingen 10 November 1884 – Edemale, near Johannesburg 02 May 1966)

Collector of prehistoric stone artefacts

Collected thousands of invertebrate fossil specimens from the Cretaceous strata of Zululand

## DESCRIBED NEW FOSSIL GENERA

### Mollusca (Cephalopoda)

*Acanthotrighonia* 1929

*Amcleceras* 1942

*Andersonites* 1965

*Arestoceras* 1946

*Askaloboceras* 1944

*Basseoceras* 1968

*Cainoceras* 1946

*Cechenoceras* 1941

*Collignonella* 1957

*Deiradoceras* 1931

*Diplasioceras* 1946

*Drepanoceras* 1931

*Eedenoceras* 1968

*Ensorites* 1969

*Erioliceras* 1955

*Euspectroceras* 1946

*Falsebayites* 1965

*Fluminites* 1965

*Fraudatoroceras* 1965

*Hluhlweoceras* 1965

*Iotrigonia* 1929

*Komeceras* 1944

*Lethargoceras* 1946

*Letheceras* 1946

*Linotrigonia* 1929

*Lophoceras* 1931

*Matsumotoceras* 1968

*Megatrigonia* 1929

*Mimeloceras* 1946

*Morrisites* 1969

*Omocyrtoceras* 1955

*Ophryoceras* 1942

*Pelecodiscus* 1921

*Petinodiscus* 1944

*Pisotrigonia* 1929

*Pterotrigonia* 1929

*Ptilotrigonia* 1929

*Rhytidoceras* 1931

*Ricnoceras* 1942

*Rinetrigonia* 1929

*Rutitrigonia* 1929

*Tegragonoceras* 1955

*Terascoceras* 1944

*Tetagmenoceras* 1946

*Zuluiceras* 1965

*Zuluites* 1965

*Zuluscaprites* 1955

## **Reptilia**

*Dromicosaurus* 1920

*Eucnemesaurus* 1920

*Gigantoscetus* 1916

*Jonkeria* 1932

*Kolpochoerus* 1932 with Van Hoepen

*Pedeticosaurus* 1915

*Platycraniellus* 1917

*Stylochoerus* 1932

*Synaptochoerus* 1932

*Tapinochoerus* 1932

## **Mammalia**

*Eurygnathohippus* 1930

*Kolpohippus* 1932

*Kraterohippus* 1930

*Megalotragus* 1932

*Orangatherium* 1932

*Pelorocerus* 1932

*Sterrohippus* 1930

*Stylohipparion* 1930

## **Amphibia**

*Uranocentron* 1917

## **Crustacea**

*Pseudohomarus* 1962

## **HONORS**

*Hoepenites* Collignon 1952 (Fossil Mollusca)

# Elias Ayres Guidetti Zagatto

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Elias Ayres Guidetti Zagatto, Brazilian analytical chemist (Piracicaba, São Paulo State 25 September 1948 –

Authored many innovations to flow injection analysis (FIA) with about 12,000 citations (in according to Google Academics)

His paper, with M.F. Giné & B.F. Reis. Simultaneous determination of nitrate and nitrite by flow injection analysis. Anal. Chim. Acta 114:191-7, 1980 held about 3,500 citations

## INNOVATIONS INTO FLOW INJECTION ANALYSIS (FIA)

With E. Hansen & J. Ruzicka proposed the utilization of potentiometric detection in FIA systems (1977)

With F.J. Krug, H. Bergamin Filho & S.S. Jorgensen introduced turbidimetry (1977)

With H. Bergamin Filho, B.F. Reis & J.X. Medeiros introduced liquid-liquid extraction in flow injection analysis (1978)

With B.F. Reis, F.J. Krug & H. Bergamin Filho introduced the concept of zone merging for saving reagents (1978)

With B.F. Reis, F.J. Krug & H. Bergamin Filho introduced isothermal distillation or membraneless gas diffusion (1979)

With F.G. Krug, H. Bergamin Filho, S.S. Jorgensen & B.F. Reis introduced flame atomic absorption spectrometry (FAAS) (1979)

With B.F. Reis, A.O. Jacintho & H. Bergamin Filho first used solid phase extraction in flow injection analysis (1980)

With B.F. Reis, A.O. Jacintho & H. Bergamin Filho introduced the ion exchange resin in flow injection analysis (1980)

With B.F. Reis, A.O. Jacintho & H. Bergamin Filho introduced automatic injector (1980)

With B.F. Reis, A.O. Jacintho, H. Bergamin Filho, F.J. Krug, R.E. Bruns & B.R. Kowalski introduced inductively coupled plasma optical emission spectrometry or ICP-OES (1981)

With B.F. Reis, A.O. Jacintho, F.J. Krug, Mortatto & Pessenda proposed the sampling zones (1981)

With F.J. Krug, M.F. Giné, J.R. Ferreira, A.O. Jacintho proposed the zone trapping (1983)

With F.J. Krug & H. Bergamin Filho introduced commutation (1986)

With H. Bergamin Filho, A.R.A. Nogueira & J.L.F.C. Lima introduced the concept of multi-site detection (1992)

With H. Bergamin Filho, S.M.B. Brienza, M.A.Z. Arruda, A.R.A. Nogueira & J.L.F.C. Lima proposed the detector releasing (1992)

With B.F. dos Reis, M.F. Giné, J.L.F.C. Lima & R.A.S. Lapa proposed the binary sampling and multicommutation (1994)

With J.L.F. C. Lima, R.A.S. Lapa & R.S. Honorato developed flow batch analysis (1999)

With R.A.S. Lapa, J.L.M. Santos e B.F. Reis proposed the multi-pumping (2002)

## OTHERS

First to propose the exploitation of aqueous biphasic extraction in flow analysis

With C.I.C. Silvestre, S. Rodrigues, J.L.M. Santos & J.L.F.C. Lima. Exploitation of a single interface flow system for on-line aqueous biphasic extraction. Talanta 81(4-5):1847-51, 2010

Proposed reactor replacements as means for realizing sample residence times in FIA

With M.A.Z. Arruda & N. Maniasso. Kinetic determination of cobalt and nickel by flow-injection spectrophotometry. Anal. Chim. Acta 283(1):476-80, 1993

Proposed volumetric fraction as a new index to describe the composition of any fluid element in a flow injection system

With B.F. dos Reis & H. Bergamin Filho. The concept of volumetric fraction in flow-injection analysis. Anal. Chim. Acta 226(1):129-36, 1989

With F.J. Krug & H. Bergamin Filho first to observe Schlieren effect (1977)

## SOME METHODS / SYSTEMS / STRATEGIES / DEVICES (about 120 contributions)

With H. Bergamin Filho, M. Martinelli & M.A.Z. Arruda. A new approach for wide-range flow injection spectrophotometric determination of cobalt in livestock mineral supplements. Quim. Anal. 8:153-61, 1989

With F.J. Krug, H. Bergamin Filho, E.C. Arruda & C.A. Coutinho proposed a electrolytic cell for anodic electrodisolution processes into flow injection systems and a process of anodic electrodisolution processes into flow injection system for determination of soluble elements in steel (1986)

With H. Bergamin Filho, O. Bahia Filho & M.F. Giné. A simple procedure for hydrodynamic injection in flow injection analysis applied to the atomic absorption spectrometry of chromium in steels. Anal. Chim. Acta 181:265-70, 1986

With H. Bergamin Filho, A.O. Jacintho & Mortatti. An improved flow injection determination of nitrite in waters by using intermittent flows. Anal. Chim. Acta 120:399-403, 1980

With H. Bergamin Filho & B.F. Reis. A new device for improving sensitivity and stabilization in flow injection analysis. Anal. Chim. Acta 97:427-31, 1978

## BRAZILIAN PATENTS

With I.L.T. Dias, T.D.Z. Atvars, L.T. Kubota & A.B. Moreira. Método de determinação direta de paracetamol em amostras farmacêuticas pulverizadas por espectroscopia de fluorescência PI0504496-0 A2 (2005)

With H. Bergamin Filho, F.J. Krug, C.A. Coutinho & E.C. Arruda. Analisador rápido de alumínio solúvel no aço (1987)

With H. Bergamin Filho, F.J. Krug & USIMINAS. Eletrodissolução anódica em sistema FIA (1986) (anodic electro dissolution in flow injection analysis system)

# Elias Ramón de la Sota

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Elias Ramón de la Sota, Argentine botanist and paleobotanist (San Miguel de Tucumán 27 September 1932 – La Plata 20 January 2014)

## DESCRIBED LIVING & FOSSIL PLANTAE TAXA

### Fossil Genera

*Dizeugotheca* 1961 with Archangelsky

*Eligodendron* 1966 with Archangelsky

### Living Species

*Asplenium lilloanum* 1973

*Blechnum austrobrasilianum* 1975

*Blechnum pampasicum* 2005 with Durán

*Blechnum rosenstockii* 1973

*Cheilanthes volcanensis* 1972

*Elaphoglossum yungense* 1973

*Hymenophyllum capurroi* 1972

*Marsilea punae* 1976

*Microgramma mortoniana* 1973

*Pecluma barituensis* 2007 with Martínez

*Pecluma oranense* 1995

*Polypodium apagalolepis* 1967

*Polypodium bolivari* 1967

*Polypodium bradei* 1965

*Polypodium jahannis-bladwinii* with Mickel

*Polypodium mickelii* 1967

*Polypodium oranense* 1960

*Polypodium ruiz-lealii* 1960

*Polypodium singeri* 1960

*Polypodium venturii* 1961

*Pteris famatinensis* 1972

*Salvinia herzogii* 1962

*Salvinia nuriana* 1997 with Cassá

*Thelypteris catamarcensis* 1973

*Thelypteris jujuyensis* 1973

*Thelypteris nubicola* 1973

*Thismia singeri* 1960

### Fossil Species (with Archangelsky)

*Ashicaulis herbstii* 1960

*Asterotheca falcata* 1962

*Asterotheca menendezii* 1962

*Dichopteris hirudinis* 1960

*Dizeugotheca neuburgiae* 1960

*Dizeugotheca waltoni* 1960

*Eligodendron branisae* 1966

*Millerocaulis herbstii* 1963

*Millerocaulis sanctaerucis*

*Osmundacaulis patagonica* 1962

*Pecopteris frenguclii*

## HONOURS

Sotasporites Archangelsy & Archangelsky 2006 (Fossil Sporae)



# Eliezer de Carvalho Rios

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eliezer de Carvalho Rios, Brazilian malacologist (Rio Grande, Rio Grande do Sul State 09 November 1921 – Rio Grande, Rio Grande do Sul State 25 March 2015)

He was a University Professor of Chemistry

## DESCRIBED TAXA

### Subgenus

*Ledavolvarina* 1985 (in honor to his wife Leda da Silva Rios)

### Species

*Anachis renatae* 2009

*Bursa barcellosi* 1973 with Matthews & Coelho

*Caelatura barcellosi* 1995 with Absalão

*Caelatura spirocordata* 1995 with Absalão

*Cleantioides vonprahli* 1988 with Ramos

*Conella ledaluciae* 1981 with Tostes

*Eulima mulata* 1990 with Absalão

*Falsamargarita stephaniae* 2005 with Simone

*Fusiturracula maesae* 1985

*Inodrillia ricardoi* 2009

*Latirus devyanae* 1994 with Costa & Calvo

*Marginella cloveri* 1970 with Matthews

*Metula anfractura* 1968 with Matthews

*Mitra saldanha* 1970 with Matthews

*Nanomelon vossi* 1990 with Leal

*Parametaria ledaluciae* 1981 with Tostes

*Petalconchus myrakeenae* 1987 with Absalão

*Pleurotomaria atlantica* 1968 with Matthews

*Pugnus tarasconii* 2009

*Trivia leditae* 2009

*Volvarina pontesi* 1993 with Leal

### Subspecies

*Perotrochus amabilis coltrorum* 2003

## HONORS

Subgenus *Riosatella* Vokes 1973 (Bivalvia)

# Elisa G. Nicora

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Elisa Gernaela Juana Raquel Nicora de Panza, Argentine botanist (Buenos Aires 08 March 1912 – Buenos Aires 09 February 2001)

## DESCRIBED PLANTAE TAXA

*Eragrostis cataclasta* 1969

*Hordeum bonariense* 1977 with Parodi

*Hordeum cordobense* 1980 with Bothmer & Jacobsen

*Hordeum mustersii* 1977

*Hordeum santacrucense* 1977 with Parodi

*Hordeum setifolium* 1977 with Parodi

*Melica hunzikeri* 1999

*Nicoraepoa stepparia* 1977

*Poa boelckeii* 1977

*Poa durifolia* 2000 with Giussani & Roig

*Poa hachadoensis* 1977

*Poa mendocina* 1998 with Roig

*Poa nahuelhuapiensis* 1977

*Poa pedersenii* 1995

*Poa ragonesei* 1995

*Puccinellia parodii* 1999

*Rytidosperma sorianoii* 1973

*Setaria parodii* 1968

*Setaria uruguayensis* 1970

*Sporobolus linearifolius* 1993

*Tripogon ekmanii* 1991 with Rúgolo

*Trisetum ambiguum* 1988 with Rúgolo

## Varieties

26

## HONORS

*Nicoraepoa* Soreng & Gillespie 2007 (Poaceae)

# Eliseo Segura

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eliseo Victor Segura Castellano, Argentine surgeon (Yacanto, Córdoba Province 21 July 1870 – Buenos Aires 14 September 1946)

## NEW TECHNIQUES

Perfected transeptal hypophysectomy

Modified and perfected Hirsch endoscopic transnasal approach (1910)

Segura method of sphenoidal and sella turcica opening by endoseptal way for treatment of sinusitis (1923)

Segura procedure for bleeding esophageal varices

Developed surgical instruments such as Segura-Bracht forceps and Segura retractor

# Eloy Valenzuela

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Juan Eloy de Valenzuela y Mantilla, Colombian botanist (San Juan de Girón, Santander Department 25 June 1756 – Bucaramanga 01 November 1834)

It is said that he discovered and/or described some plant species such as one *Hidrolea* sp., one *Grewia* sp., one *Curatella* sp. and two *Malva* spp.

## SOME BIBLIOGRAPHY

Flora de Bucaramanga

Noticia sobre la caña solera

Noticia de una especie de grama util para potreros o pastos artificiales

Noticia de una mina de azufre y otros fósiles

Descripción de una turba silvestre, tan útil como las que se cultivan, pero enteramente desconocida de las gentes, y tal vez ignorada de los botánicos

## HONORS

*Valenzuelia* S. Mutis 1810 (Simaroubaceae)

*Eloyella* P. Ortiz 1979 (Orchidaceae)

# Elsayed Elsayed Wagih

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Elsayed Elsayed Wagih, Egyptian biotechnologist and virologist (Alexandria 21 November 1946 –

Discovered new viruses

With H.A. Melonk & J.L. Sherwood. Isolation and partial characterization of peanut top paralysis virus (PTAV), a destructive virus causing a new disease in peanut (*Arachis hypogaea* L.). J. Phytopathol. 141:302-13, 1994

With H.A. Melonk & J.L. Sherwood. Peanut chlorotic ringspot virus (PCRv), a newly discovered virus infecting peanut (*Arachis hypogaea* L.) . J. Phytopathol. 140:133-44, 1994

Developed new techniques

With J. Fletcher. Zymoblot, a new microtechnique used to detect enzyme activity in spiroplasmas and bacteria. Can. J. Microbiol. 39:543-7, 1993

With H. A. Melonk & J.L. Sherwood. Mirror image in vivo electro-blotting technique, a new technique for visualizing virus particles electrophoretically transferred from infected leaves to nitrocellulose membranes. J. Virol. Methods 48:145-53, 1994

# Elysiario Tavora Filho

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Elysiario Távora Filho, Brazilian mining engineer and crystallographer (Sena Madureira, Acre State 18 May 1911 – Rio de Janeiro 06 January 2001)

Authored papers on mineralogy, petrography, radiocrystallography and mathematics

A suggestion for the calculation of the crystalline composition of naturally or artificially formed aggregates from phase identification: test and complete chemical analysis. An. Acad. Bras. Ciencias 44:67, 1972

First to point out the relevance of Cayley squares

A new chart for setting the Buerger precession camera Anais Acad. Bras. Ciencias 23:113-8, (1951)

Alignment chart for the Bragg's equation. Anais Acad. Bras. Ciencias 22(4):441-3, 1950

Solução vetorial para uma conversão de símbolos. Min. Met. Bras. 11(61):31-2, 1946

## SOME BIBLIOGRAPHY

Phosphate minerals of Borborema pegmatites (1958)

The vector area concept and the determination of the relative reticular density of lattice planes. Anais Acad. Bras. Ciencias 27:137-40, 1955

The redetermination of the space group of petalite. Anais Acad. Bras. Ciencias 24:175-77, 1952

Dados estruturais sobre a uraninita de Acari, RN. Anais Acad. Bras. Ciencias 23(2):155-8, 1951

Constantes reticulares da harttita. Anais Acad. Bras. Ciencias 23(1):129-34, 1951

Theoretical crystallography. Anais Acad. Bras. Ciencias 22:35-50, 1950

Cela unitária e grupo espacial da djalmaita. Anais Acad. Bras. Ciencias 21(4):337-50, 1949

Simetria da kermesita. Anais Acad. Bras. Ciencias 21:75-100, 1949

With E.P. Scorza. Ocorrência de rutilo colombiano no Brasil (1948)

Duas orientações para a brasilianita. Min. Met. Bras. 61:67-8, 1946

Estudo morfológico da baritina de Camamu (1946)

Constantes cristalográficas e formas da brasilianita. Min. Metal. 8(48):373-5, 1945

X-Ray Diffraction Powder Data for Some Minerals from Brazilian localities. Anais Acad. Bras. Ciencias

With F.F.M. Almeida. As camadas de São Paulo e a tectônica da serra da Cantareira

## HONORS

Tavorite Lindberg & Pécora 1955 (Mineral)

# Emico Okuno

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Emico Okuno, Brazilian physicist (July 1936 –

From Japanese ancestry

With C. M.G. Lattes, C.M.Q. Orsini, I.I.G. Pacca, M.T. Cruz, Y. Fujimoto & K. Yokoi saw a new resonance with mass in fireballs type events (1963)

With J.F. Lima & M.E.G. Valério. Thermally assisted tunneling: an alternative model for the thermoluminescence process in calcite. Phys. Rev. B Condensed Matter and Materials Physics 64(14):1-6, 2001

## **METHODS/DEVICES**

With R.C. Falcão. On a method of dose rate calculation at the maze entrance of medical linear accelerator rooms. Radiation Protection Dosimetry 86(1-4):225-7, 1999.

With C.M. Sunta & E.M. Yoshimura. An Analytical Method For Thermoluminescence Growth Curve And Its Validity. J. Physics D: Appl. Physics 27:1337-40, 1994

With M.P. Díaz, N. K. Umisedo & E.M. Yoshimura. Aparelho leitor de termoluminescência por contagem de fótons: apresentação dos primeiros resultados (1994) (Device for recording thermoluminescence by photon counting)

# Emil Sabbaga

June 28, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Emil Sabbaga, Brazilian nephrologist (São Paulo 16 October 1926 – São Paulo 04 March 2016)

Authored over 270 scientific works

First report in literature about the occurrence of a true polyuria in the diuretic phase

With I. Nussenzveig, E. Vasconcellos, J.B. Magaldi, C. Villela de Faria, H. Pastore, T. Adachi & J.P. Rodrigues Lima. Acute renal failure produced by snake-bite of the *Crotalus* and *Bothrops* genera: occurrence of a true polyuria in the diuretic phase . IV Intern. Congr. Nephrol. (1969)

With C.V. de Faria & J.B. Magaldi. Técnica para determinação de substâncias anti-diuréticas (1951)

With Abrahão Salomão Filho & E. Pereira. Teste de nitrito modificado no diagnóstico da infecção urinária significativa. Rev. Assoc. Med. Bras. 13(2):67-71, 1967 & Rev. Bras. Patol. Clin. 4(1):27-32, 1968

With P.R. Chocair, V. Amato Neto, M. Shiroma & G.V. Góes. Kidney transplantation. A new way of Chagas disease transmission. Rev. Inst. Med. Trop. São Paulo 23(6):280-2, 1981

With V.C. Massola, M.A.F. Barcelos, V.M.V. Martins, N. Gushi, J. Egidio, N. Romão & M.M. Machado. Hemodiálise realizada com técnica simplificada. J. Bras. Nefrol. 8(3):77-84, 1986

With E. David Neto, D.S. Ribeiro, L.E. Ianhez, S. Palomino, L.B. Saldanha & S. Arap. Acute interstitial nephritis of plasma cells: a new cause of renal allograft loss. Transpl. Proceed. 25(1)Pt2:897-9, 1993

With M.C.M. Castro, I.F. Freitas & M.M. Machado. Prolonged beta-adrenergic stimulation – a new way to reduce serum potassium concentration in hemodialysis. Kidney Internat. 46(6):1738, 1994

With M. Albers, N. de Luccia, W. Nahas & S. Arap. Reducing cross-clamping duration in aortoiliac reconstruction after renal transplantation – A case report. Angiology 47(12):1181-5, (1997)

With M.M. Galvão, Z.F. Peixinho & N.F.Mendes. Stored blood – an effective immunosuppressive method for transplantation of kidneys from unrelated donors. An 11-year follow-up. Braz. J. Med. Biol. Research (1997)

With L.O. Caballero, C. Menezes, M.C. Costa, S.C. Fernandes, L.L. Villa, A.J. Simpson et al. Highly sensitive single-step PCR protocol for diagnosis and monitoring of human cytomegalovirus infection in renal transplant recipients. J. Clin. Microbiol. 35(12):3192-7, 1998

With J.J. de Lima, M.L. Vieira, F.J. de Paula, L.E. Ianhez, E.M. Krieger et al. Coronary angiography is the Best predictor of events in renal transplant candidates compared with noninvasive testing. Hypertension 42:263-8, 2003

## HONOURS

Public Hommage, 28<sup>th</sup> International Congress of Transplants, Rome (2000)

Invited Member, American Society of Transplantation Society



# Emilie Snethlage

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Henriette Mathilde Marie Elisabeth Emilie Snethlage, German-born Brazilian ornithologist (Gransee Kraatz, Brandenburg State 13 April 1868 – Porto Velho 25 November 1929)

## DESCRIBED VALID AVES TAXA

### Species

*Akletos goeldii* 1908  
*Cercomacra ferdinandi* 1928  
*Hemitriccus griseipectus* 1907  
*Hemitriccus iohannis* 1907  
*Hemitriccus minor* 1907  
*Hemitriccus mirandae* 1925  
*Hylexetaster stresemanni* 1925  
*Hylopezus paraensis* 1910  
*Myrmotherula iheringi* 1914  
*Myrmotherula sclateri* 1912  
*Knipolegus franciscanus* 1928  
*Phylloscartes roquettei* 1928  
*Picumnus limae* 1924  
*Picumnus varzeae* 1912  
*Rhegmatorhina berlepschi* 1907  
*Xiphocolaptes franciscanus* 1927

### Subspecies

*Campylorhamphus procurvoides multostriatus* 1907  
*Cercomacra nigrescens ochrogyna* 1928  
*Conopias trivirgata berlepschi* 1914  
*Conopophaga aurita pallida* 1914  
*Euchrepomis spodioptila meridionalis* 1907  
*Hemitriccus griseipectus griseipectus* 1907  
*Hemitriccus minor minor* 1907  
*Hylexetaster stresemanni stresemanni* 1925  
*Hylophilus hypoxanthus inornatus* 1914  
*Hylophilus muscicapinus griseifrons* 1907  
*Hylophilus ochraceiceps lutescens* 1914  
*Isleria hauxwelli hellmayri* 1906  
*Momotus momota cametensis* 1912  
*Myrmotherula iheringi iheringi* 1914  
*Neomorphus geoffroyi dulcis* 1927  
*Patagioenas plumbea pallescens* 1908  
*Piaya cayana obscura* 1908  
*Piculus chrysochloris paraensis* 1907  
*Picumnus spilogaster pallidus* 1924  
*Pipra fasciicauda purusiana* 1907  
*Psarocolius yuracares neivae* 1925  
*Pteroglossus bitorquatus reichenowi* 1907  
*Rhegmatorhina melanosticta purusiana* 1908  
*Sclerurus scansor cearensis* 1924  
*Serpophaga hypoleuca pallidae* 1907  
*Terenotriccus erythrurus hellmayri* 1907  
*Thamnomanes ardesiacus obidensis* 1914

*Thamnophilus caerulescens ochraceiventer* 1928

*Thamnophilus nigrocinereus huberi* 1907

*Willisornis vidua nigrigula* 1914

*Xiphocolaptes promeropirhynchus berlepschi* 1908

**HONORS**

Subgenus *Snethlagea* Berlepsch 1909 (Aves)

# Emilio Ribas

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Emilio Marcondes Ribas, Brazilian hygienist (Pindamonhangaba, São Paulo State 11 April 1862 – São Paulo 19 December 1925)

Authored notable works about alastrim and smallpox

Distinguished alastrim or variola minor from variola major or smallpox

A propósito do alastrim. Rev. Med. S. Paulo 14(16):, 1911

Authored many clinical studies and therapeutic methods employed in leprosy treatment

## HONORS

Invited by Royal Society of Tropical Medicine and Hygiene (U.K.) to give lecture about his successful means employed against yellow fever in Brazil (1909)

Invited by French Government to participate in a medical mission against yellow fever in Martinique

Ribas-Torres disease (variola minor or alastrim)

# Emilio Rosenblueth Deutsch

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Emilio Rosenblueth Deutsch, Mexican earthquake engineer (Ciudad de Mexico 08 April 1926 – Ciudad de Mexico 11 January 1994)

Nephew of physiologist Arturo Rosenblueth Stearns

Authored about 280 scientific articles

With Nathan M. Newmark authored a classic book Fundamentals of Earthquake Engineering (1971)

Recognized as world leader in the development of the probability theory for the analysis of seismic response of linear systems

## ACHIEVEMENTS

Introduced the concept of optimal design of structures to the section of tremors (1971)

Authored several innovative structural systems that helped in obtaining efficient solutions to important engineering problems

Developed a probabilistic model for studying the influence of soft soil on the characteristics of earthquake ground motion

Introduced a number of innovative concepts on earthquake-resistant building design later adopted by other countries

Proposed methods and criteria for taking into account the simultaneous action of several earthquake-ground motion components

Developed criteria to process information coming together of several seismic sources

Developed conceptual models of geophysical process of energy saving in potential seismic sources and its sudden release as tremors

Showed solution to time domain for problem of cutting waves propagation in viscoelastic stratified media

Introduced use of cylindrical shells of concrete reinforced to transmit the buildings' load to soil

Perfected a method for rational choice of probabilistic models to describe the process of occurrence of great subduction earthquakes

Introduced square root of sum of squares (SRSS) rule (1950-1) and with J. Elorduy complete quadratic combination (CQC) rule (1969)

## HONORS

Walter L. Huber Research Prize (1965)

Moiseff Award (1966)

Alfred M. Freudenthal Medal (1967)

Honorary Member, International Association for Earthquake Engineering (1977)

Honorary Member, American Society of Civil Engineers (1981)

Doctor Honoris Causa, University of Waterloo (1983)

Newmark Medal, American Society of Civil Engineers (1987)

Bernardo Houssay Prize, OAS (1988)

Doctor Honoris Causa, Carnegie Mellon University (1989)

## EPONYMY

Rosenblueth rule, employed to estimate maximal structural response

Rosenblueth-Esteva relaxation method (1964)

Newmark-Rosenblueth method

Rosenblueth point estimation method (1975)

## LINKS

See [HTTP://www100.unam.mx/images/stories/universitarios/dhc/PDF/rosenblueth-deutsch-emilio.pdf](http://www100.unam.mx/images/stories/universitarios/dhc/PDF/rosenblueth-deutsch-emilio.pdf) See <http://www100.unam.mx/images/stories/universitarios/dhc/PDF/rosenblueth-deutsch-emilio.pdf>.

# Emilio Ureta Rojas

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Emilio Ureta Rojas, Chilean entomologist (Vicuña 29 April 1907 – Santiago 04 November 1959)

Authored about 50 works

## DESCRIBED LEPIDOPTERA TAXA

### Genera

*Chionanema* 1955

*Hypsochila* 1955

*Stachyocera* 1959

### Species

About 90

## HONORS

*Uretacris* Liebermann 1943 (Orthoptera)

# Emilio Yunis

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Emilio José Yunis Turbay, Colombian geneticist (Sincelejo, Sucre Department 1937 – Bogotá 23 March 2018)

From Lebanese parents

Described Yunis-Varón syndrome (with radiologist Humberto Varón Acosta 1920-?)

With H. Varón. Cleidocranial dysostosis, severe micrognathism, bilateral absence of thumbs and first metatarsal bone, and distal aphalangia: a new genetic syndrome. *Am. J. Dis. Child* 134:649-53, 1980

Established two 7q trisomy syndromes: 7q22→7q31 and 7q22,q31→7qter

With E. Ramírez & J.G. Uribe. Full trisomy 7 and Potter syndrome. *Hum. Genet.* 54(1):13-8, 1980

Another syndrome

With R. Zuñiga & E. Ramírez. Retinoblastoma, gross internal malformations, and deletion 13q14 leads to q31. *Hum. Genet.* 56(3):283-6, 1981

First report in the literature of a liveborn with this chromosome abnormality

With J. Gonzalez & O.M. Torres de Caballero. Partial trisomy 16q. *Human Genetics* (1977)

# Ennakkal Sudarshan

June 28, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Ennakkal Chandy George Sudarshan, Indian theoretical physicist (Pallam, Kottayam, Kerala State 16 September 1931 – Texas, USA 14 May 2018)

Born in a Syrian family

Authored over 500 publications

With R. Marshak & S. Okubo originated chiral V-A theory of the weak forces (1958)

With R. Marshak discovered universal law of vecto-axial vector weak interaction

Introduced the diagonal representation for formulation of the quantum mechanical treatment of optics (1963) independently of Glauber (Sudarshan-Glauber representation)

Proved the equivalence of classical wave optics to quantum optics and predicted quantum optical effects

With B. Misra proposed quantum Zeno effect (1977)

First to use broken symmetry in formulating the sum rules for electromagnetic properties of hadrons

Proved that if the particle paths are world lines there can be no interaction

With N. Mukunda & L. O’Raifeartaigh developed the idea of spectrum generating groups, a case of superintegrable systems

With O.M. Bilaniuk & V.K. Deshpande predicted the existence of tachyons (1962)

With T.F. Jordan & D.G. Currie proved the impossibility of relativistic action of a distance in classical mechanics

Discovered the master analytical representation of Lie algebra

Developed dynamical maps

With N. Mukunda formulated the quantum theory of the infinite component field (1970)

Eponym of Currie-Jordan-Sudarshan theorem

## HONORS

Physics Nobel Prize nominee in six occasions

## LINKS

<http://wildcard.ph.utexas.edu/~sudarshan/publications.htm>

# Ennapada Sundaram Narayanan

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Ennapada Sundaram Ayyar Narayanan, Indian entomologist (Palghat, Malabar 15 February 1904 – 1990)

## DESCRIBED NEW ARTHROPODA SPECIES

### Hymenoptera

*Acmopolynema bagichae* 1960 with Subba Rao & Kaur

*Acmopolynema incognita* 1960 with Subba Rao & Kaur

*Acmopolynema orientale* 1960 with Subba Rao & Kaur

*Aenasius indicus* 1961

*Ageniaspis indicus* 1960

*Amblynotus syrphidiphagus* 1941

*Anastatus acherontiae* 1960 with Subba Rao & Ramachandra

*Anastatus dentatus* 1960 with Subba Rao & Ramachandra

*Anselmella kerrichi* 1958 with Subba Rao & Patel

*Monstranusia antennatus* 1960

*Chrysopophagus bangalorensis* 1957 with Subba Rao & Sangwan

*Cirrospilus phyllocnistoides* 1960

*Closterocerus agromyzae* 1960 with Subba Rao & Ramachandra

*Dusmetia sangwani* 1957 with Subba Rao & Sangwan

*Ectromatopsis indica* 1957 with Subba Rao & Sangwan

*Goetheana thripsivorus* 1962 with Subba Rao & Ramachandra

*Gonatocerus delhiensis* 1961 with Subba Rao

*Gonatocerus nigroides* 1961 with Subba Rao

*Gonatocerus pahlgamensis* 1961

*Gonatocerus tarae* 1961

*Marietta indica* 1961 with Subba Rao & Sharma

*Microctonus indicus* 1960 with Subba Rao & Sharma

*Microphanurus indicus* 1959 with Kaur

*Microterys delhiensis* 1957 with Subba Rao & Kaur

*Narayanella thornypoda* 1961 with Subba Rao

*Neodiscoides indicus* 1960 with Subba Rao

*Polynema (Polynema) anantanagana* 1961

*Polynema (Polynema) indica* 1961 with Subba Rao

*Polynema (Polynema) truncata* 1961 with Subba Rao

*Polynema (Stephanodes) imbricatus* 1961 with Subba Rao

*Tetrastichus rhipiphorathripiscidis* 1960 with Subba Rao & Ramachandra

*Thysanus ranae* 1957 with Subba Rao & Kaur

### Acari

*Amblyseius (Euseius) delhiensis* 1960 with Kaur

*Amblyseius (Neoseiulus) indicus* 1960 with Kaur

*Blattisocius daci* 1961 with Ghai

*Melichares fici* 1963 with Ghai (Acari)

*Paraphytoseius orientalis* 1960 with Kaur & Ghai

*Phytoseius (Pennaseius) minutus* 1960 with Kaur & Ghai

*Typhlodromus (Typhlodromus) roshanlali* 1963 with Ghai

### Hemiptera

*Triphleps sinui* 1952 & *T. rantae* 1953 with Chatterji

## HONORS

*Narayanella* Subba Rao 1976 (Hymenoptera)



# Enrique Modesto Sivori

June 28, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Enrique Modesto Sivori, Argentine plant physiologist (Melincué, Santa Fe Province 11 August 1910 – La Plata 05 January 1979)

With F. Nakayama & E. Cigliano. Germination of Achira seed (*Canna* sp.) approximately 550 years old. *Nature* 219:1269-70, 1968

## SOME BIBLIOGRAPHY

With L.E. Cascarini de Torre & R.R. Filgueira. Use of the BET method to measure área of internal exposed surfasse to leaves. *Photosynthetica* 18:365-9, 1984

With J.R. Alaniz. A possible xanthoxin-like inhibitor in the heliomorphic plants of *Tropaeolum majus*. *Phyton* 37:153-8, 1979

With J.R. Alaniz. Relationships between the dwarfing of *Tropaeolum majus* and asparagine synthesis. *Plant Cell Physiol.* 14(4):653-9, 1973

With V. Sonvico & N.O. Fernandez. Determination of abscisic acid following Paleg's method. *Plant Cell Physiol.* 12:993-6, 1971

With A.B. Rena. Efeito do acido indolil-acetico na abscisão de explantes foliares de feijão (*Phaseolus vulgaris* L. cv. "Manteigão Fosco"). *Experientiae* 10(1), 1970

With J.R. Jatimliansky. Effects of xylopine on physiological activities of *Scenedesmus obliquus*. *Plant Cell Physiol.* 11(6):921-6, 1970

With J.R. Jatimliansky. Inhibition of *Scenedesmus obliquus* by alkaloids. *An. Soc. Dent. Argent.* 49:187, 1969

Deficiencia de potasio y enraizamiento de *Tropaeolum majus*. *Bol. Soc. Arg. Bot.* 11(1):42-4, 1966

Epoca de siembra y período vegetativo del trigo. Interpretación según la teoria del desarrollo. *Rev. Arg. Agron.* 24:144-56, 1957

Envejecimiento de los vegetales. *Ciencia Investig.* 8:289-330, 1955

Inhibición del crecimiento provocado por el 2,4-D y la necesidad de P y K para su acción. *Idia* 62:13-4, 1953

With A.E. Ragonese. Valores osmóticos en plantas de las Salinas Grandes. *Ver. Inv. Agric.* 6(2):275-81, 1952

With O.H. Caso. Contenido de caucho en plantas de la flora argentina. *Rev. Inv. Agric.* 6:157-65, 1952

Degeneration of the potato. *Hortic. Abstracts* 22(1), 1952

Translado del acido 2,4-diclofenoxiacetico en *Vicia faba* (1949)

With J.E. Wurceldorf-Warden. Un inhibidor en *Matthiola incana* (1949)

With P. Garese. Reacción de *Coleus blumei* al acido 3, 4-dicloro-fenoxiacetico (1947)

Photoperiodism in *Chenopodium quinoa*. Reaction of zygote and female gametophyte. *Darwiniana* 7:541-51, 1947

Fisiología del desarrollo en los vegetales. *Bol. Soc. Arg. Bot.* 1:81-118, 1946

Biología floral de girasol. *Rev. Arg. Agron.* (1941)

Influence of photoperiodism on some varieties of flax. *Rev. Arg. Agron.* 7:185-90, 1940

With G. Covas. Eficiencia en ensayos comparativos de rendimientos planeados segun el metodo de "blocks incompletes simétricos" (1939)

With F.K. Claver, R.M. Tizio & E.R. Montaldi. Influencia de los meristemas y desbrotes en el periodo de incubación de tubérculos de papa

# Enrique Nuñez y Palomino

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Enrique Bernardo Nuñez de Villavicencio y Palomino, Cuban surgeon and gynecologist (Madruga, La Habana Province 16 January 1872 – New York 15 September 1916)

Authored over 50 papers

## DEVELOPED

A method of elastic compression for obtaining hemostasis

Manera de aplicar la compression elastica para obtener la hemostasis provisional en las intervenciones sobre el hombro. El Progreso Medico (1901)

Nuevo procedimiento de hemostasia provisional en las intervenciones en el hombre (1901)

A cutback intra-abdominal procedure of round ligaments of uterus

Un proceder de acortamiento intra-abdominal de los ligamentos redondos con suspensión de utero (1900)

A suture procedure for median laparotomy

Un proceder de sutura para la laparotomia mediana (1901)

Contribución personal a la cirugía conservadora de los ovários (1907)

Abocamiento de lós ureteres en el recto por destrucción obstetrica de la vejíga y uretra. Curación. An. Acad. Cien. Med. La Habana 47:750-2, 1910

# Enrique Perez Arbelaez

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Enrique Perez Arbelaez, Colombian Jesuit, scientist and author (Medellín 01 March 1896 – Bogotá 22 January 1972)

Authored 37 books

Described the plant species *Lindsaea colombiana* (1928)

Metodo quimico-industrial para la desfibración de las bromeliáceas. Rev. Acad. Colomb. Ciencias 6(22-3):235-43, 1945

## SOME BIBLIOGRAPHY

Plantas utiles de Colombia (1947)

Hilea Magdalenesa – Prospección económica del valle tropical del Río Magdalena (1949)

Recursos naturales de Colombia

## HONORS

*Arbelaezaster* Cuatrecasas 1986 (Asteraceae)

## LINKS

[http://www.accefyn.org.co/sp/academicos/Silla\\_15\\_Enrique\\_Perez\\_Arbelaez.htm](http://www.accefyn.org.co/sp/academicos/Silla_15_Enrique_Perez_Arbelaez.htm) (bibliography)

# Enrique Pouey

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Enrique Pouey, Uruguayan gynecologist and obstetrician (Montevideo 09 May 1858 – Montevideo 08 May 1939)

Developed (1898) and presented (1904) the cone-shaped exhaustion technique for total extirpation of cervical mucosae known as Pouey operation or Fargue operation (in France) or Sturmdorf operation (in United States)

Developed a procedure for treatment of chronic uterine inversions employing continuous traction

Traitement de l'inversion utérine chronique par la traction élastique prolongée du col combinée à la propulsion du fond de l'utérus. Sem. Gynecol. 10:45-53, 1897

Eponym of Pouey-Stajano sign of tubal ectopic pregnancy or Laffont sign (consisting of peritoneal irritation and subscapular reflex pain; 1930s)

His brother in law, Alfonso Lamas Delgado, surgeon and pathologist (Buenos Aires 19 June 1867 – 1954), developed Lamas-Mondino two-time operation for hydatid cysts (1905) later perfected by Posadas

# Enrique Rioja

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Enrique Tomás Rioja LoBianco, Spanish / Mexican marine zoologist and hydrobiologist (Santander 16 February 1895 – Mexico 20 September 1963)

From Italian mother

Authored 220 works among papers, books and monographs

## DESCRIBED MARINE TAXA

### Annelida Polychaeta

#### Family

Fabriciidae 1923

Oweniidae 1917

#### Subfamilies

Filograninae 1923

Myxicolinae 1923

Syllinae 1925

#### Valid Genera

*Mexiulepis* 1961

*Neanthioides* 1918

### Crustacea

#### Valid Genera

*Creaseriella* 1953

*Donaldsoncythere* 1942

*Typhlopseudothelphusa* 1952

*Typhlotricholigioides* 1953

#### Species

About 75 valid species between polychaetes and crustaceans

## HONORS

*Riojatrema* Lamothe Argumedo 1964 (Trematoda)

# Enrique Tejera

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Enrique Guillermo Tejera Guevara, Venezuelan epidemiologist and microbiologist (Valencia, Carabobo State 05 November 1899 – Caracas 28 November 1990)

Isolated about 40 thousands of varieties of Actinomycetes

Discovered *Streptomyces venezuelae* from which was isolated chloranphenicol (1947)

## DESCRIBED PARASITIC SPECIES

*Blastocrithidia lituri* 1919

*Blastocrithidia nalipi* 1919

*Crithidia striati* 1919

*Leptomonas blaberae* 1926

*Trypanosoma rangeli* (1919)

## HONORS

*Tejeraia* Díaz Ungria 1964 (Nematoda)

Bernhardt Nocht Medal (1928)

# Enrique V. Zappi

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Enrique Vicente Zappi Perelli, Argentine organic chemist (Buenos Aires 03 August 1890 – Buenos Aires 1979)

## ACHIEVEMENTS

With Jorge Magnin proposed Dragendorff procedure for extraction of alkaloids from animal matter in Annal. Soc. Quim. Arg. 1:327-61, 1913

Procedimiento general para la preparación del ácido cloroplatinico y de los cloruros de oro y de paladio. Anal.Asoc.Quim.Arg 3-4:, 1915.

First prepared heterocyclic compounds with arsenic as heteroatom (1915) independently of German chemists Grütner & Wernik

Über eine neue heterogene Kette mit Arsen im Kern: das Methylarsepedin (Cyclopentaniethylenmethylarsin). Bull.Soc.Chim. (4) 19:290-300, 1916

With Juan L. Landaburu. Sur de nouveaux sels de la As-diméthylarsépédine. Bull.Soc.Chim. (ser.4) 23:324-6, 1918.

With Adolfo T. Williams. Un Nuevo reactivo general de la forma enólica, el nitrato mercurioso. Anal.Asoc.Quim.Arg. 19(105-6):199, 1931.

With Juan F. Salellas. Contribution a La connaissance de nouveaux dérivés arsénisés aromatiques (1936)

With A.C. DeGiorgi. Sur quelques nouveaux dérivés fluorés aromatiques. Bull. Soc. Chim. 5:1441-6, 1938

With Alice Manini. New general reaction for enolic forms: mercurious nitrate. Mechanism of the reaction. Anal. Asoc.Quim. Arg. 126:89-105, 1938.

With Rafael A. Labriola. Un nuevo radical libre y coloreado derivado del cianógeno. Anal. Asoc.Quim. Arg. 126:370, 1938.

With Jorge O. Deferrari. Sobre algunas nuevas cianfeninas halogenadas. Anal.Asoc.Quim.Arg. 34:146, 1946.

With Jorge O. Deferrari. Sobre algunos nuevos compuestos orgánicos con yodo polivalente. Anal.Asoc.Quim.Arg. 34:153-7, 1946

With A. Mainini. Diferenciación rápida del cianuro de plata en presencia de los halógenos de plata

Soporte para tubos de punto de fusión

## EPONYMY

Zappi method for preparing chlorplatonic acid (1915)

Magnin-Zappi method for isolating alkaloids (1925)

Zappi reaction

Zappi reagent (mercurious nitrate) 1931

Zappi test for enolic hydroxyl

# Enrique Zarate

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Enrique Zarate, Argentine obstetrician and gynecologist (Santa Fe November 1870 – 25 January 1962)

Modified Frank symphysiotomy technique

Created Zarate subcutaneous partial symphysiotomy

Estudio experimental y anatomico de mi tecnica de sinfisiotomia subcutanea. Bol. Soc. Obst. Ginecol. Bs. Aires 225, 1924

## SOME BIBLIOGRAPHY

Xecrobiosis placentaria. Contribucion al estudio de los llamados polipos placentarios. La Semana Medica (1917)

Distocie uterine – Necesité d'uniformiser as nomenclature. Gyn. Obst. p.1, 1922

With P. Nubiola. Tratado de Obstetricia (1951)

With D.A. Rojas & V. Widakovich. Extra-uterine pregnancy at term.

With D.E.U. Esquivel. Dos casos de cesarea post-mortem con fetos vivos. La Semana Medica



# Eran Nakoman

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eran Nakoman, Turkish geologist and palynologist (1940 –

## DESCRIBED FOSSIL SPORAE & POLLEN GENERA

*Aequitriradisorites* 1966

*Alternisorites* 1975

*Anatoliensisorites* 1967

*Barssisorites* 1975

*Bharadwajisorites* 1975

*Canisorites* 1975

*Corsinipollenites* 1965

*Dicolporopollenites* 1968

*Disulcipollenites* 1960

*Duplopollenites* 1966

*Echinatisporites* 1966

*Enzonalapollenites* 1966

*Extrapunctatosporites* 1966

*Fenestripollenites* 1966

*Hacquebardisorites* 1975

*Hamulatisporites* 1966

*Luberisorites* 1975

*Lusatisporites* 1966

*Macroleptolepidisorites* 1966

*Megacincturisorites* 1975

*Microfoveolatosporites* 1966

*Monoleiotriletisorites* 1966

*Naumovaisporites* 1975

*Nevesisorites* 1975

*Syncolpopollenites* 1966

*Toroisorites* 1966

*Triaxisporites* 1975

*Vedatisporites* 1966

# Ermi Zhao

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Ermi Zhao, Chinese herpetologist (Chengdu, Sichuan Province 1930 – Chengdu, Sichuan Province 24 December 2016)

## DESCRIBED VALID TAXA

### Amphibia

#### Genera

*Liua* 1983 with Hu

*Liuxalus* 2008 com Li, Chen, Bain & Zhang

#### Species

*Amolops liangshanensis* 1984 with Wu

*Ingerana reticulata* 1984 with Li

*Kurixalus hainanus* 2005 with Wang & Shi

*Oreolalax multipunctatus* 1993 with Wu, Inger & Shaffer

*Pelophylax tenggerensis* 1988 with Macey & Papenfuss

*Rana zhengi* 1999

*Rhacophorus hongchibaensis* 2012 with Li, Liu, Chen, Wu, Murphy, Wang & Zhang

*Rhacophorus wui* 2012 with Li, Liu, Chen, Wu, Murphy, Wang & Zhang

### Reptilia

#### Species

*Achalinus meiguensis* 1966 with Hu

*Calotes medogensis* 1984 with Li

*Cuora zhoui* 1990 with Zhou & Ye

*Cyrtopodion medogense* 1987 with Li

*Gloydus lijianlii* 2009 with Jiang

*Gloydus shedaoensis* 1979

*Hebius metusium* 1990 with Inger, Shaffer & Wu

*Hebius optatum* 1966 with Hu

*Laudakia papenfussi* 1998

*Laudakia wui* 1998

*Lycodon multizonatus* 1981 with Jiang

*Lycodon rosozonatus* 1972 with Hu

*Opisthotropis cheni* 1999

*Opisthotropis guangxiensis* 1978 with Jiang & Huang

*Plestiodon liui* 1989 with Hikida

*Protobothrops mangshanensis* 1990

*Protobothrops xiangchengensis* 1979 with Jiang & Huang

*Rhabdophis adleri* 1987

*Rhabdophis guangdongensis* 2014 with Zhu, Wang & Takeuchi

*Rhadophis pentasupralabialis* 1983 with Jiang

*Scincella huanrenensis* 1982 with Huang

*Scincella tsinlingensis* 1966 with Hu

*Tenuidactylus dadunensis* 2011 with Shi

*Trimeresaurus medoensis* 1977

*Xenopeltis hainanensis* 1972

#### Subspecies

*Macropisthodon rudis multiprefrontalis* 1981 with Jiang

*Phrynocephalus vlangalii hongyuanensis* 1980 with Jiang & Huang

### Mammalia

#### Species



# Ernest Paulini

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ernest Paulini, Hungarian-born Brazilian chemical engineer and parasitologist (18 January 1920 – Belo Horizonte 13 September 2013)

Developed new techniques for prevention of parasitic diseases such as medicamentous salt for malaria

## DEVICES

Da aplicação de moluscicidas. V. Um vertedouro desmontável para medir a vazão de água corrente. Rev. Bras. Malar. Doen. Trop. (1968)

Da aplicação de moluscicidas. VI. Nomograma para o cálculo de moluscicidas. Rev. Bras. Malar. Doen. Trop. (1968)

On the application of molluscicides. III. A centrifugal pump apparatus for the application of concentrated liquid molluscicides. Rev. Bras. Malariol. Doen. Trop. 13:61-3, 1961

Da aplicação de moluscocidas. I. Um dispositivo simples para a aplicação de moluscocida sólido. Rev. Bras. Malar. Doen. Trop. 8(2):391-5, 1956

Um dispositivo simples para a aplicação de moluscocida líquido. Rev. Bras. Malar. Doen. Trop. 7(2):277-9, 1955

## METHODS

With Y.G. Lins. Simple graphic method for evaluating and comparing results of nutrition surveys. Rev. Bras. Malariol. Doen. Trop. 15:629-43, 1963

With A.S. Guedes & A.S. Fomm. Technic for determining the susceptibility of *Triatoma* to insecticides. Rev. Bras. Malariol. Doen. Trop. 13:89-91, 1961

With H.C. Carvalho & G. Schreiber. Preliminary report on research towards the development of a standard test for insecticide-resistance and susceptibility in *Drosophila*. Bull. World Health Org. 24:664-8, 1961

With Sérgio R. Reis. Um novo metodo colorimétrico para a dosagem de DDT e BHG. Rev. Bras. Malariol. Doenç. Trop. 9(3):439-42, 1957

With J.P. Pereira. Turbidimetric method of determination of micro-quantities of chloroquine. Rev. Bras. Malariol. Doen. Trop. 8(4):613-5, 1956

With I. Ricciardi. General rules for determination of the density of *Musca domestica* in a community. Rev. Bras. Malariol. Doen. Trop. 7(1):93-101, 1955

Spectrophotometric method of estimating chloroquine. Rev. Bras. Malar. Doen. Trop. 7(3):329-32, 1955

Metodo colorimétrico para a determinação de cobre em criadouros de planorbídeos. Rev. Bras. Malar. Doen. Trop. 7(2):273-5, 1955

Rapid determination of chloroquine in anti-malarial salt. Rev. Bras. Malariol. Doenças Trop. 6(3):327-8, 1954

## Other contributions

With T. Camey. Um novo tipo de moluscicida em ação sistêmica. Rev. Bras. Malar. Doen. Trop. 17(4):349-53, 1965

With I. Ricciardi. Experiência com um novo inseticida no combate a *Musca domestica*. XII Congr. Bras. Higiene (1955)

# Ernest Raharizonina

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

P. Ernest Raharizonina, Malagasy entomologist

## SOME BIBLIOGRAPHY

Aspect de la recherche em matiere de lutte intégrée réalisée au DRFP (1988)

Recherches sur la biologie et la pathologie d'*Europtera punctillata* Saalmuller (Lepidoptera, Lasiocampiidae), ravageur endémique du pin à Madagascar (1979)

Observations sommaires concernant le Landy-Kely *Europtera punctillata* (Saalmuller) à Mandaratsy, Tananarive (1973)

## HONORS

*Raharizonina* Villiers 1982 (Coleoptera)

# Ernesto Osorno Mesa

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Ernesto Osorno Mesa, Colombian medical entomologist and parasitologist (Bogotá 1904 – Bogotá 28 June 1976)

Demonstrated that *Haemagogus* spp. are arboreal mosquitoes

With J.C. Bugher, J. Boshell Manrique, M. Roca García. Epidemiology of jungle yellow fever in Eastern Colombia. American J. Hygiene 39:16–51, 1944

## DESCRIBED

### New Techniques for Studying Medical Insects

Una nueva tecnica para el estudio microscopio de los huevos de *Anopheles*. Caldasia 4 (20):447–51, 1947

With H. Osorno. Una nueva tecnica para disecar rapidamente glandulas salivales de mosquitos. Rev. Higiene 24(3):232–5, 1950

With H. Osorno Mesa. Nuevas tecnicas para disecar glándulas salivales, estómagos de mosquitos y determinar oocistos de *Plasmodium* en ejemplares infectados en condiciones naturales. Rev. Higiene 25(1):3–12, 1951

Tecnica para obtener deyecciones hialinas como inoculo y para microanálisis, com ninfas de quinto estadio de *Rhodnius prolixus*, infectadas e normales. Rev. Fac. Med. Univ. Nac. Colombia 31(2):51–7, 1963

Technique for extracting a considerable quantity of hemolymph and for easily isolating the salivary glands in fifth-stage nymphs and adults of *Rhodnius prolixus*. Rev. Fac. Med. Univ. Nac. Colombia 33(1):87–91, 1965

With F. de Osorno & A. Morales Alarcón. A technique for permanent mounts of *Phlebotomus* applicable to other small insects. J. Med. Entomol. 3(2):124–6, 1966

With F. de Osorno & A. Morales Alarcón. Modificaciones a una tecnica para montaje permanente de *Phlebotomus*. Caldasia 10(46):27–38, 1967 & Lozania 15:1–4, 1968

Developed a new technique for mounting and staining of fine structures of mosquitos

### Diptera Species

*Phlebotomus (Psychodopygus) bernalei* 1967 with Morales Alarcón & Osorno

*Lutzomyia spinicrassa* 1969 with Morales Alarcón, Osorno & Hoyos

*Lutzomyia sauroida* 1972 with Morales Alarcón & Osorno

*Lutzomyia quasitownsendi* 1971 with Morales Alarcón & Osorno

*Lutzomyia marajoensisowalkeri* 1972 with Morales Alarcón, Osorno & Ferro

*Lutzomyia longiflocosa* 1971 with Morales Alarcón, Osorno & Muñoz

*Lutzomyia disiuncta* 1974 with Morales Alarcón & Osorno

*Lutzomyia caprina* 1972 with Morales Alarcón & Osorno

*Lutzomyia bifoliata* 1970 with Morales Alarcón, Osorno & Hoyos

*Lutzomyia andina* 1971 with Morales Alarcón & Osorno

*Anopheles oiketorakras* 1947

*Anopheles bifoliata* 1948 with Muñoz Sarmiento

*Anopheles pseudopunctipennis* 1948 with Muñoz Sarmiento

*Haemagogus boshelli* 1944

*Haemagogus andinus* 1944

*Haemagogus falco* 1946 with Kumm

## HONORS

Osornophyrne Ruiz-Carranza & Hernandez-Camacho 1976 (Amphibia Anura)

Subgenus *Osornomyia* Levi-Castillo 1955 (Diptera)

# Ernesto Paccard

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ernesto Paccard, Uruguayan pharmacist (died Montevideo 21 April 1915)

## DEVELOPED

General method for treatment of acute poisonings (1906)

A voting electric apparatus

A new industrial tincture

# Ernesto Paterniani

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ernesto Paterniani, Brazilian agronomist and plant geneticist (São Paulo 17 February 1928 – Piracicaba, São Paulo State 18 June 2009)

Son of Italian immigrants

## ACHIEVEMENTS

Developed a number of improved varieties of maize, such as Piramex, Centralmex, Perola Piracicaba, ESALQ VF-1, ESALQ VD-2, Piranão VF-1, Piranão VD-2, Pirapoca, ESALQ VD-2 waxy, etc.

Developed new efficient methods for maize improvement

Selection among and within half-sib families in a Brazilian population of maize (*Zea mays* L.). CropScience 7(3):212-6, 1967

With R. Vencovsky. Reciprocal recurrent selection in maize (*Zea mays* L.) based on test crosses of half-sib families. Maydica 22:141-152, 1977.

Phenotypic recurrent selection for prolificacy in maize. Maydica 23:29-34, 1978.

With R. Vencovsky. Reciprocal recurrent selection based on half-sib progenies and prolific plants in maize (*Zea mays* L.). Maydica 23:209-219, 1978.

Determined effective scattering distance of maize pollen in field

Effective maize pollen dispersed in the field. Euphytica 23:129-34, 1974.

Proved the possibility of the occurrence of reproductive isolation through a sympatric process

Selection for reproductive isolation between two populations of maize (*Zea mays* L.). Evolution 23:534-7, 1969

With C.O. Gardner. A genetic model used to evaluate the breeding potential of open-pollinated varieties of corn (1966)

With M.M. Goodman recognized 20 races of South American maize (1977)



# Ernesto Tolmasquim

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Ernesto Tolmasquim, Jewish Brazilian chemist (Rio de Janeiro 1928 – 16 June 1971)

He was brother in law of Tiomno family

Authored over 30 works

With A.M.N. Correa & S.T. Tolmasquim. New starches. Properties of five varieties of *Cowpea* starch. *Cereal Chem.* 48(2):132-9, 1971

With A.M.N. Correa & S.T. Tolmasquim. Studies on new starches. II. A study of the properties of four varieties of *Mucuna* bean (*Stizolobium*). *Starke* 22(9), 1970

With A.M.N. Correa & T. Nakamura. Estudos de amidos: novas fontes e novos derivados. *Rev. Quim. Ind.* 47 (1967)

With F.R. T. Rosenthal. Uma variante no método cromatográfico de separação da amilose e amilopectina em coluna de alumina. *Anais Acad. Bras. Ciencias* 32:11, 1960

# Estanislao Noguera Gomez

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Estanislao Noguera Gómez, Venezuelan pharmacist (Los Leques, Miranda State 28 May 1879 – Caracas 11 March 1953)

Prepared the ethylic ester of chaulmoogra oil

Alteraciones de los esteres etilicos del chaulmoogra (1924)

Observaciones practicas en la preparación de los esteres etilico de aceite de chaulmoogra

Developed a method of purifying the chaulmoogra oil

Contribución al estudio de los aceites de chaulmoogra

Analisis de vinos. Metodos empleados em el Laboratorio del Ministerio de Sanidad y Asistencia Social. Rev. Soc. Ven. Quimica 2(6-7):8-25, 1942

Estudio fisiológico de una sustancia extraida de la levadura de cerveza semejante a la insulina

With P. Gonzalez Rincones. Yeast substitute for insulin

Estudio quimico de la leche de higuerón y de una resina contenida en ella (1924)

Estudio quimico y histológico de la raíz de mastuerzo y extracción de su principio activo

## SOME BIBLIOGRAPHY

Fermentos vegetales (1925)

Estudio quimico de la leche del arbol de la vaca (1924)

Composición química, posología y toxicidad de la esencia de quenopodio. Rev. Med. Cir. Caracas 7:85-95, 1923-4

Dulces y colorantes (1922)

Las esencias artificiales de frutas desde el punto de vista sanitario. Anal. Direc. Nac. San. (1920)

Uso peligroso de ciertas esencias y colorantes en los alimentos (1919)

Algunas consideraciones sobre las leches secas

Nota preliminar sobre las propiedades terapeuticas y quimicas de las saponinas

El amoníaco en las carnes en conserva como signo de alteración

With J.L. Andrade. Contribución a la determinación del contenido de cacao en productos alimenticios preparados a base de cacao, leche, extracto de malta, con o sin azucar de cana

With J.L. Andrade, A.G. Otero & J.L. Prado. El plomo como metal toxico. Contribución al estudio del contenido de plomo en productos alimenticios de consumo en Caracas y en habitantes de la ciudad expuestos y no expuestos a la absorción ocupacional

# Ettore Rugai

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ettore Rugai, Brazilian microbiologist at Instituto Adolfo Lutz, São Paulo (fl.1939-1968)

## DEVELOPED

Thermal migration method for isolating nematode larvae from feces

With T. Mattos & A. P. Brisola. Nova tecnica para isolar larvas de nematóides das fezes: modificações do método de Baermann. Rev. Inst. Adolfo Lutz. 14:58, 1954

Rugai-Rugai culture medium

With his wife Raquel Teixeira Rugai. Meio de cultura para diferenciar o grupo *Proteus* e *Providencia* de outras enterobactérias pela L-triptofano desaminase (1964)

Rugai-Araújo culture medium

With A. de Araújo. Culture medium for presumptive identification of Gram negative enteric rods. Rev. Inst. Adolfo Lutz 28:79-83, 1968

With A. Souza. Culture of *Trypanosoma cruzi* in great volumes by air bubbling. Rev. Inst. Adolfo Lutz 29:61-3, 1969

With R.T. Rugai. Meio de cultura para *Trypanosoma cruzi* esterilizável pelo calor. Rev. Inst. Adolfo Lutz 25:61-4, 1965

Conditioning of liquid stools for extraction of *Strongyloides stercoralis* larvae using Baermann's method (1961)

Developed a chemically undefined medium for culture of leishmanias

Culturas de leishmanias. Rev. Inst. Adolfo Lutz 1:153-9, 1941

Estudo comparativo entre o meio de Levine e Vaughn e um novo meio, isento de peptona, para determinação de produção de H<sub>2</sub>S pelas bactérias. Rev. Inst. Adolfo Lutz 1(2):373-80, 1941

Novo dispositivo para distribuição asséptica de meios de cultura. Rev. Inst. Adolfo Lutz 15:223-4, 1955

With R.T. Rugai. Reação de Schlör para diagnóstico da gravidez. Fixação do composto róseo em papel de filtro (1964)

# Eugenia Sacerdote de Lustig

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eugenia Sacerdote de Lustig, Italian-born Argentine histologist and oncologist (Torino 09 November 1911 – Buenos Aires 27 November 2011)

Cousin of Nobel Prize-winner Rita Levi-Montalcini

Authored over 180 papers

Developed and improved culture techniques for tumoral and healthy cells

Her histological researches about cancer obtained international acclaim

## OTHER CONTRIBUTIONS

With E. Bal de Kier Joffé, L. Puricelli & M.C.C. Vidal. Characterization of two murine mammary adenocarcinoma tumors with different metastatic ability. J. Exper. Clin. Cancer Research 2:151-69, 1983

With L. Puricelli, E.B. Kier Joffé & L. Davel. Isolation and partial characterization of a morphogenetic factor from human leucocyte interferon. Cell. Mol. Biol. Incl. Cytol. Enzymol. 27(6):607-14, 1981

With R. Mancini introduced modifications to techniques for measuring the presence of glycogen in embryonary tissues (1941-2)

# Eugenio Rangel

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Eugenio dos Santos Rangel, Brazilian mycologist and plant pathologist (1877-1953)

Identified and characterized zone spot of Cucurbitaceae caused by fungus *Leandria momordicae* (1915)

Described *Puccinia paulensis* that causes pepper rust

## DESCRIBED FUNGI TAXA

### Valid Genera

*Didymothozetia* 1915

*Leandria* 1915

*Mycovellosiella* 1917

*Oswaldina* 1921

*Phaeophleospora* 1916

### Species

67

# Euryclides de Jesus Zerbini

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Euryclides de Jesus Zerbini, Brazilian cardiologist (Guaratinguetá, São Paulo State 07 May 1912 – São Paulo 23 October 1993)

Son of Italian immigrants

Authored more than 450 scientific and technical publications

World famous for his studies on correction of Fallot tetralogy and mitral lesions

Performed first human cardiac transplant in terminally ill patient and under normothermia (1968)

Performed first cardiac transplant in Chagas disease patient (1985)

## TECHNIQUES

Proposed a surgical treatment for Fallot tetralogy

Developed revascularization technique of right coronary for acute infarction of myocardium

With R. Macruz & L.V. Decourt. Cirurgia de revascularização no enfarte agudo do miocárdio. Arq. Bras. Cardiol. 23:353-68, 1970

With M. Barbero Marcial, R. Snitcowsky, M. Ebaid, G. Verginelli & F. Gregori Jr. Anastomosis of the subclavian artery to the descending aorta for the correction of interrupted aortic arch. J. Thorac. Cardiovasc. Surg. 56:653-6, 1973

With O.M. Gomes, E. Kallas, M. Ebaid et al. Técnica para produção de comunicação interatrial (Technique for producing interatrial communication). Rev. Hosp. Clin. Fac. Med. S. Paulo 29(2):63-6, 1974

First experimental demonstration of phenomenon of coronary drainage

With O.M. Gomes, N.L.T.B. Moraes, A.I. Fiorelli, E. Armelin, D. Bittencourt, F. Pileggi, L.V. Decourt & R. Macruz. Fenomeno de derivação do fluxo coronário: primeira demonstração experimental. Arq. Bras. Cardiol. 32(3):141-8, 1979

With N.A. Stolf, E. Armelin, R. Macruz, F. Pilegi & D. Bittencourt. Endomyocardial biopsy of the right ventricle – Technique and preliminary results. Arq. Bras. Cardiol. 32(4):221-5, 1979

First to perform experimentally vascular anastomosis employing laser

With O. M. Gomes, E. Armelin, R. Macruz et al. Anastomose arterio-venosa com laser. Arch. Bras. Cardiol. 37 (suppl 1):117, 1981

Proposed a variant of Favaloro saphenous vein bypass graft

## SURGICAL INSTRUMENTS

With Luiz Boro Puig & Geraldo Verginelli developed homologous dura-mater valve, first dura mater bioprotheses for cardiac valve replacement (1971)

With O.M. Gomes & S.A. Oliveira. Autostatic separator of the sternum for the dissection of the internal thoracic artery. Arq. Bras. Cardiol. 24(6):55-6, 1971

With O.M. Gomes, D.S. Conceição & D. Nogueira Jr. Disposable plastic bubble oxygenator with heat exchanger in the arterial reservoir. Rev Bras. Med. 29(5):229-31, 1972

With L.B. Puig, G. Verginelli & L. Kawabe. Homologous dura mater cardiac valve. Method of preparing valve. Rev. Hosp. Clin. Fac. Med. S. Paulo 29(2):85-9, 1974

With O.M. Gomes, D.S. Conceição, D. Nogueira Jr., S. Tsukuzy & D. Bittencourt. Variable column bubble oxygenator. A new system for bubble oxygenation. J. Thorac. Card. Surg. 69(4):606-14, 1975

With O.M. Gomes, R.R. Serrano, P.M. Pomerantzeff et al. Sternal retractor model in pacemaker implantation by subxyphoid approach. Arq. Bras. Cardiol. 29(2):1325-6, 1976

## HONORS

Honored Guest, American Association of Thoracic Surgery (1969)

René Leriche Prize (1985)

## EPONYMY

Zerbini method (a cardiopulmonary bypass method)

Zerbini criteria for cardiac transplants

Zerbini valvulotome

Puig-Zerbini pericardial valvular heterografts

# Evandro de Oliveira

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Evandro Pinto da Luz de Oliveira, Brazilian microneurosurgeon and neuroanatomist (Florianópolis 08 November 1945 –

## CONTRIBUTIONS

- With A.F. Joaquim, J.P.C. de Almeida, M.J. dos Santos, E. Ghizoni & H. Tedeschi. Surgical management of intradural extramedullary tumors located anteriorly to the spinal cord. *J. Clin. Neurosci.* 19(8):1150–3, 2012
- With J.P. Mattos, M.J. Santos, J.F. D. Zullo, A.F. Joaquim & F. Chaddad Neto. Dissection technique for study of the cerebral sulci, gyri and ventricles. *Arq. Neuro-Psiqu.* 66:282–7, 2008
- With A.C. Mussi. Dural entrance of the bridging vein into the transverse sinus provides a reliable measure for preoperative planning: an anatomic comparison between cadavers and neuroimages (2008)
- The minipterional craniotomy: technical description and anatomic assessment (2007)
- With J.P. Mattos. A novel, inexpensive method of image coregistration for applications in image-guided surgery using augmented reality (2007)
- With E.G. Figueiredo. Novel approach to calvarial bone transport using a rabbit model. *Neurol. Med-Chir.* 46:69–74, 2006
- With P.H. Aguiar. Extradural anterior clinoidectomy as an alternative approach for optic nerve decompression: anatomic study and clinical experience. *Neurosurg.* 59:253–62, 2006
- With J.P. Mattos, E. Ghizoni & H. Tedeschi. Treatment strategy for grade III arteriovenous malformations. *Japan. J. Neurosurg.* 14(6):363–7, 2005
- With F. Chaddad & A. Campero. Proposed classification of segments of the internal carotid artery: anatomical study with angiographical interpretation. *Neurol. Med-Chir.* 45:184–91, 2005
- With J. Raso. Exposure of midline cranial base without a facial incision through a combined craniofacial-transfacial procedure. *Operative Neurosurg.* 56:28–35, 2005
- With D. Rojas Salazar & J. Mura. Combined subtemporal and transventricular/ trans-choroidal fissure approach to mesial temporal lesions. *Neurosurg.* 54:1162–9, 2004
- With J. M. Mura. Protective dural flap for bone drilling at the paraclinoid region and porus acusticus. *Neurol. Med-Chir.* 43:416–8, 2003
- With J. Mura. Expanded polytetrafluoroethylene membrane for preventive of adhesions in patients undergoing external decompression and subsequent cranioplasty. *Neurol. Med-Chir.* 43:320–4, 2003
- With F. Chaddad. Artificial cerebral aneurysm model for medical testing, training and research. *Neurol. Med-Chir.* 43:69–73, 2003
- With F. Chaddad. Comparison of posterior approaches to the posterior incisural space: microsurgical anatomy and proposal of a new method: the occipital by-transtentorial/falcine approach. *Neurosurg.* 51:1208–11, 2002
- F. Chaddad. Modified draping to avoid fluid leakage in cranial surgery. *Neurol. Med-Chir.* 41:466–8, 2001
- With N. Suttner, J. Mura, H. Tedeschi, M.A. Ferreira, H.T. Wen & A.L. Rhoton Jr. Persistent trigeminal artery: an unique anatomic specimen. *Analysis and Therapeutic Implications. Neurosurg.* 47(2):428–33, 2000 (described a new variation of persistent trigeminal artery)
- With E.R. Seoane, H. Tedeschi, M.G. Siqueira & G.A. Calderón. Management strategies for posterior cerebral artery aneurysm. A proposed new surgical classification. *Acta Neurocir.* 139:325–31, 1997
- With C.P. Lucas, H. Tedeschi, M. Siqueira, M. Lourenzi, R.L. Piske, M. Conti & D. Peace. Sinus skeletization. A treatment for dural arteriovenous malformations of the tentorial apex. Report of two cases. *J. Neurosurg.* 84:514–7, 1996

## HONOURS

- First foreign neurosurgeon honoured with a symposium by American Association of Neurological Surgeons (Evandro de Oliveira Symposium) 2019
- Invited to Adjunct Professor, Mayo Clinic, College of Medicine, Florida, USA
- 2nd Snellman Lecturer, Finnish Neurosurgical Society (2007)
- Honorary Member, Japan Neurosurgical Society (2005)



# Evaristo Penna Scorza

June 28, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Evaristo Penna Scorza, Brazilian mineralogist and petrographer (Lavras, Minas Gerais State 20 August 1899 – Belo Horizonte 29 March 1969)

Authored 55 works

## SOME BIBLIOGRAPHY

Distribuição das rochas ultrabásicas no Brasil. Anais Acad. Bras. Ciencias 40:119-26, 1968

With L.J. Moraes & R.A. Barbosa. Estudo geológico da região da barragem de Sobradinho, Estado da Bahia (1965)

Olivina melilitito, uma rocha rara e até agora desconhecida no Brasil continental. Eng. Min. Metal. XLI (252):235-7, 1965

Duas rochas alcalinas das ilhas Martim Vaz. Notas Prelim. Estudos DNPM/DGM 121:1-7, 1964

Geologia de Diamantino, Estado de Mato Grosso. Notas Prelim. Estudos DNPM 104, 1960

With W. Kegel & F.C.P. Coelho. Estudos geológicos no norte do Ceará (1958)

Fenômenos erosivos no arenito Caiuá, Noroeste do Estado do Paraná (1957)

Rocha fosfática da Fazenda do Vão, município de Sacramento, Minas Gerais. Notas Prelim. DGM 94, 195

With R. Silva Santos. Ocorrência de folhelho fossilífero cretácico no município de Presidente Olegário, Minas Gerais. Bol. DNPM (1955)

Considerações sobre o arenito Caiuá. Bol. DNPM/DGM 139, 1952

With E. Távora. Ocorrência de rutilo colombiano no Brasil (1948)

Chromium in Piracanjuba (Goiás, Brazil). Min. Metal. 11(6):64-9, 1946

First report detailing a petrographic proof of skam mineralogy from eight Santa Blandina samples at DNPM laboratory. Report Dept. Nac. Prod. Mineral (1946)

Kunzita e hiddenita de Cuieté, Município de Conselheiro Pena, Minas Gerais. Min. Metal. 7:333-4, 1944

Província Pegmatítica da Borborema. Bol. Div. Geol. Mineral. Rio de Janeiro (1944)

With S.C. de Almeida, W.D. Johnston & O.H. Leonardos. The beryl-tantalite-cassiterite pegmatites of Paraíba and Rio Grande do Norte, Northeastern Brazil. Econ. Geol. 39:206-23, 1944

Cobre e ouro. Relat. DNPM p.53-63, 1943

Fluorita de Salgadinho, Paraíba do Norte (1943)

Estratigrafia da série Bambuí em Sete Lagoas, Minas Gerais (1942)

Eruptivos básicos do Piauí. Min. Metal. 5:261-8, 1941

Petrografia sedimentaria de Ponta Verde, Alagoas. Min. Metal. 4(24):293-7, 1940

With J. F. Rocha. Estratigrafia de carvão em Santa Catarina. Bol. Div. Geol. Mineral. Rio de Janeiro (1940)

Ocorrência de cinábrio em Dom Bosco, Minas Gerais. Notas Prelim. Estudos DGM/DNPM 18:1-8, 1939

Descrição das rochas colhidas por Mathias Gonçalves de Oliveira Roxo, no estado da Bahia. Anais Acad. Bras. Ciencias 10(1):51-65, 1938

Grafita. Bol. Sem. Geol. Min. 57, 1931

Estudo petrographico das rochas colhidas no Estado do Maranhão

Descrição petrográfica das amostras do distrito da Serra do Navio

## HONORS

Scorzalite Pecora & Fahey 1949 (Mineral)

# Evren Yazgan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Evren Yazgan, Turkish geologist (1943 –

## SOME BIBLIOGRAPHY

Cassiterite (tin) mineralization related with Erciyes volcanic activities and the mode of formation of the hematite-cassiterite-yazganite-tridymite paragenesis and its implications for Bronze Alloys (2013)

With R. Chessex. Geology and tectonic evolution of the Southeastern Taurides in the region of Malatya. Bull. Turk. Assoc. Petrol. Geol. 3:1-42, 1991

With R. Mason. Orbicular gabbro from near Baskil, southeastern Turkey. Mineral Mag. 52:161-73, 1988

With M. Shinozuka, Y. Saka, T. Mariko & K. Okabe. Kizildag ophiolites in the Hatay Area, Southeastern Turkey. J. Geol. Soc. Japan 104(12):27-8, 1984

With A. Michard, H. Whitechurch, L.E. Ricou & R. Montigny. Tauric subduction (Malatya-Elazig provinces) and its bearing on tectonics of the Tethyan realm in Turkey. Geol. Soc. London Spec. Publ. 17(1):361-73, 1984

With A. Michard, H. Whitechurch & R. Montigny. Le Taurus de Malatya (Turquie Orientale), élément de la suture sudtethysienne. Bull. Soc. Geol. France 15(1):5-69, 1983

Etude géologique et pétrographique du complexe ophiolitique de la région située au Sud-Est de Malatya (Taurus Oriental, Turquie) et de sa couverture volcano-sédimentaire. Thesis, Université de Genève (1972)

## HONORS

Yazganite Sarp & Cerny 2005 (Mineral)

# Ezequiel Ordoñez

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Ezequiel Ordoñez Aguilar, Mexican petroleum geologist, stratigrapher and engineer (near the town of Llerma, Mexico State 10 April 1867 – Ciudad de Mexico 08 February 1950)

Authored over 130 scientific works on petrology, geology, geography and archeology

## MEMBERSHIP

Honorary Member, American Institute of Mining and Metallurgical Engineers

Honorary Member, American Association of Petroleum Geologists

Honorary Member, American Academy of Arts and Sciences

## HONORS

Ordonezite Switzer & Foshag 1954 (Mineral)

# Ezequiel Uricoechea

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Ezequiel Uricoechea Rodríguez, Colombian physician, naturalist, linguist and ethnologist (Bogotá 10 April 1834 – Beirut 28 July 1880)

Recognized as an exceptional student graduated as surgeon at 18 in Yale University despite the fact that this diploma was given only to students over 20

Studied mathematics, chemistry and linguistics in Germany

Über das Iridium und seine Verbindungen. Dissertation, University of Göttingen (1854)

Analyse der Meteoreisen von Toluca und vom Kap der guten Hoffnung. Ann. Chimie und Pharm. Giessen XCL:249-53, 1854

Discovered otobit or otobil, a plant compound

Über das Fett der *Myristica obo* und einen darin enthaltenen neuen Körper (das Otobit). Ann. Chimie und Pharm. Giessen XCL:369-71, 1854

Studied botany, chemistry and medicinal applications of quinine under famous chemist Benjamin Silliman

On the cinchona barks of New Granada. Pharm. J. Trans. 13(10):470-1, 1854-5

Performed studies on astronomy and meteorology at Observatoire Astronomique de Bruxelles under M. Quetelet (1855)

Performed studies on anthropology, ethnology and linguistics of Colombian indigenous with great acclaim

He was the first American to obtain an university chair in Europe (Arabic language at Université Libre de Bruxelles) in 1878

Owner of a collection of rocks and minerals

Corresponded to famous scholars

## SOME BIBLIOGRAPHY

### Papers

Golden Mines of New Granada. New York Herald April 10, 1852

Observaciones meteorológicas hechas en Bogotá. El Mosaico 2 e 3

Sobre el otobil. El Mosaico 2(40):317-8

### Books/Reviews

Memoria sobre las Antigüedades neogranadinas (1854)

Elementos de Mineralogía (1859)

Mapoteca colombiana (1860)

Contribuciones de Colombia a las ciencias y a las artes (1859-61)

Dicionário biográfico americano

Bibliografía arqueológica de América

Bibliografía colombiana (1874)

Colección lingüística americana

Tratado de Meteorología

Diccionario de Ciencias Naturales

Diccionario de voces de historia natural americana (1873)

## LINKS

[http://publicaciones.banrepcultural.org/index.php/boletin\\_cultural/article/view/1163](http://publicaciones.banrepcultural.org/index.php/boletin_cultural/article/view/1163)

# Fa tsuan Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fa-tsuan Wang or Fazan Wang, Chinese botanist (1899 – 1985)

With Tsin Tang / Jin Tang, botanist (1897- 1984) described many plant taxa (4 genera and about 140 species)

## DESCRIBED PLANTAE TAXA

### Genera

*Monocelastrus* 1951 with Tang

*Porolabium* 1940 with Tang

*Smithorchis* 1936 with Tang

*Tsaiorchis* 1936 with Tang

### Sections

*Metatupistra* 1978 with Liang

*Peliosanthoides* 1978 with Dai

### Species

About 185

# Fabio Leoni Werneck

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fabio Leoni Werneck, Brazilian entomologist (Rio de Janeiro 13 August 1894 – Rio de Janeiro 12 January 1961)

World authority on Mallophaga and Anoplura

Authored over 70 papers and 2 books

## DESCRIBED PHTHIRAPTERA TAXA

### Valid Genera

*Acondylocephalus* 1941

*Condylocephalus* 1941

*Monothoracius* 1934

*Neodasyonyx* 1941

*Neofelicola* 1948

*Paraboopia* 1940 with Thompson

*Parafelicola* 1948

### Valid Species

111 (34 of them being Anoplura)

## HONORS

*Werneckia* Ferris 1951 (Anoplura)

*Werneckiella* Eichler 1940 (Phthiraptera)

*Werneckodectes* Conci 1946 (Phthiraptera)

# Fang-Teh Tang

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Fang-Teh Tang or Fang-de Tang, Chinese entomologist (1927 – 2004)

## DESCRIBED HEMIPTERA GENERA

*Asiacornococcus* 1995 with Hao

*Circodiaspis* 1986

*Heteroheliococcus* 1997 with Wu

*Kuwaniella* 1984

*Neokaweckia* 1995 with Hao

*Paracerostegia* 1991

*Pauroaspis* 1995

*Semichionaspis* 1986

*Shansiaspis* 1981

*Sinoquernaspis* 1982 with Takagi

*Stipaeoccus* 1992

*Takagia* 1984

*Tibetococcus* 1992

## HONORS

*Tangicoccus* Kozar & Walter 1985 (Hemiptera)

# Fanglan Tai

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Fanglan Tai, Chinese mycologist and plant pathologist (1893 – 1973)

Authored over 50 scientific papers

Described about 80 new fungal species

## SOME BIBLIOGRAPHY

The phalloids of Nanjing (1982)

Sylloge Fungorum Sinicorum (1979)

A new species of *Coleopuccinia* with remarks on the genus. Act. Agr. 1:97-103, 1948

Uredinales of Western China. Farlow 3:95-139, 1947

Studies in the Geoglossaceae of Yunnan. Lloydia 7(2):146-62, 1944

With C.C. Cheo. Notes on Chinese Fungi. VIII. Bull. Chin. Bot. Soc. 3:53-74, 1937

A list of fungi hitherto known from China. Science Rep. Nat. Tsing Hua Univ. Series B 2:137-65 & 191-639, 1936-7

Sex-reaction linkage in *Neurospora*. Mycologia 28:24-30, 1936

Notes on Chinese Fungi. IV. Bull. Chin. Bot. Soc. 2:16-28, 1936

Two new species of *Neurospora*. Mycologia 27:328-30, 1935

Pear rust caused by *Gymnosporangium haraeaeum* and its control. Nanking J. 3:143-52, 1933

With C.T. Wei. Notes on Chinese Fungi. II. Sinensia 3:93-130, 1932

## HONORS

*Taifanglania* Liang, Han & Chu 2009 (Fungi)



# Farida Habib Shah

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Farida Habib Shah, Malaysian molecular biologist (Melaka 29 June 1948 – 01 November 2016)

Authored about 250 papers

First to show a successful integration of the desaturase enzyme system in transgenic oil palm

Developed molecular marker techniques for determining the genetic diversity of oil plants

Developed DNA markers for medicinal plants

# Farrokh Saidi

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Farrokh Saidi, Iranian gastric surgeon (Teheran 22 November 1929 –

## TECHNIQUES

With N. Nikbakhsh & H. Fahimi. A new technical approach to cancers of the cervical oesophagus. Arch. Iran. Med. 15(5):298-302, 2012

With M. Keshoofy, A. Abbassi-Dezfuli, Z.H. Ahamadi & M.B. Shadmehr. A new approach to the palliation of advanced proximal gastric cancer. J. Am. Coll. Surg. 189(3):259-68, 1999

With A. Abbassi, M.B. Shadmehr & G. Khoshnevis. Endothoracic endoesophageal pull through operation. A new approach to cancers of the oesophagus and proximal stomach. Asl.J. Thorac. Cardiovasc. Surg. 102(1):43-9, 1991

Determination of stool: CEA level as a new screening test for large bowel cancer, a preliminary study. Iran J. Med. Sci. 15:43-6, 1990

Endoesophageal pull through. A technique for the treatment of cancers of the cardia and lower esophagus. Ann. Surg. 207(4):446-54, 1988

A new device for evacuation of hydatid cysts. Iran J. Med. Sci. 13:2, 1986

A new approach to the surgical treatment of hydatid cyst. Ann. R. Coll. Surg. England 59(2):115-8, 1977

With I. Nazarian. Surgical treatment of hydatid cysts by freezing of cyst wall and instillation of 0.5 per cent silver method nitrate solution. New Engl. J. Med. 284(24):1346-50, 1971 (treatment and device)

## PATENTS

With English surgeon Alan John Walker. Cryosurgical appliance. US3658066 (1972)

# Federico Rutllant

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Federico Rutllant Alsina (or Alcina), Spanish-born Chilean astronomer (Agullana, Alto Ampurdán Cataluña 24 April 1904 – Chile 15 April 1971)

## SOME BIBLIOGRAPHY

- With A. Gutierrez. Accurate photographic positions of minor planets obtained at Santiago, Chile. Minor Planet Circular 1985 (1960)
- With A. Gutierrez. Accurate photographic positions of minor planets obtained at Santiago, Chile. Minor Planet Circular 1965 (1), (1960)
- With H. Moreno & A. Gutierrez. Accurate photographic positions of minor planet (51) Nemausa obtained at Santiago, Chile. Minor Planet Circular 1803 (1), 1958
- With H. Moreno, A. Gutierrez & C. Torres. Accurate photographic positions of minor planets obtained at Santiago, Chile. Minor Planet Circular 1747 (1), 1958
- With A. Gutierrez & C. Torres. Observations of minor planets made at Santiago, Chile. Minor Planet Circular 1509 (1956)
- With A. Gutierrez & C. Torres. Astrographic observations of minor planets made at Santiago, Chile. Minor Planet Circular 1435 (1956)
- With A. Gutierrez. Astrographic observations of minor planets made at Santiago, Chile. Minor Planet Circular 1367 (1956)
- With M.M. Dujisin. Visual observations of minor planets made at Santiago, Chile. Minor Planet Circular 538 (1951)
- With G. Romero. Observations of minor planets made at Santiago, Chile. Minor Planet Circular 535 (1951)
- With M.M. Dujisin. Visual observations of minor planets made at Santiago, Chile. Minor Planet Circular 424 (2) (1950)
- With H. Bruck, Some observations of the H and K lines in the solar spectrum during a magnetic storm. Month. Not. Roy. Astron. Soc. 106:130, 1946
- Some measures of the spectra of Nova Herculis 1934. Month. Not. Roy. Astron. Soc. 105:280, 1945
- Observaciones del cometa 1936a (Peltier). Astron. Nachr. 261:135, 1936

## HONOURS

Fellow, Royal Astronomical Society

2518 Rutllant 2518 (Asteroid)

# Federico Sabina

June 28, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Federico Juan Sabina Císcar, Mexican mathematician and physicist (Ciudad de Mexico 1945 –

Predicted dynamic and static properties of new composite materials

Discovered a new kind of surface waves on elastic materials

With J. Bravo-Castillero, R. Rodríguez Ramos, J.A. Otero & H. Mechkour obtained an unified general formula for all effective properties of periodic multilaminated magneto-electro-elastic composites (2007)

With L.D. Perez Fernandez, J. Bravo Castillero & R. Rodríguez Ramos presented different types of constitutive relations of linear thermo-magneto-electro-elasticity (2008)

With R. Rodríguez Ramos, J. Bravo Castillero, R. Guinovart-Díaz et al. found a relation among the antiplane effective constants from the solutions of two antiplane strains and potential local problems (2008)

With J.M. Vivar Perez, R. Rodríguez Ramos, J. Bravo-Castillero et al. proposed a dispersive asymptotic method for the description of wave propagation in periodic structured composites (2009)

With R. Rodríguez Ramos, J. Bravo Castillero, R. Guinovart-Díaz et al. obtained a general algorithm for the calculation of variation bounds of dimension  $d$  for any type of anisotropic linear elastic composite as a function of the properties of the comparison body (2009)

With R. Rodríguez Ramos, J. Bravo Castillero, R. Guinovart-Díaz et al. established the limiting equations modelling the behaviour of a three-dimensional magneto-electro-elastic composite made of periodically perforated microstructure (2010)

With R. Rodríguez Ramos, J. Bravo Castillero, R. Guinovart-Díaz, R. Brenner et al. gave unified analytical formulae for the effective properties of periodic fibrous composites (2012)

With R. Rodríguez Ramos, J. Bravo Castillero, R. Guinovart-Díaz et al. Semi-analytic method for computing effective properties in elastic composite under imperfect contact (2013)

# Federico Schickendantz

June 28, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Friedrich (Federico) Schickendantz, German-born Argentine chemist and naturalist (Landau, Rhineland-Palatinate State 15 January 1837 – Buenos Aires 04 April 1896)

## ACHIEVEMENTS

Developed new procedures in mineral processing in order to obtain higher yields

Proposed diffusion method

Discovered a new sodium-potassium-calcium sulfate

Un nuevo sulfato de sódio, potássio y cálcio. Bol. Acad. Nac. Cien Cordoba 3:85-7, 1879.

Developed Schickendantz method for separating gold from copper

Extracted alkaloids from many plant species

Developed methods for separating alkaloids berberine and oxyacanthine

Discovered alkaloid aspidospermine or quebrachine independently of German chemists Fraude & Hesse (1878)

Introduced use of sulphurous acid for sugars purification

Invented a procedure for desiccating sugar under calcium trissulfite

New procedures for sugar cane exploitation

Performed oenological studies

## HONORS

*Schickendantziella* Spegazzini 1903 (Liliaceae)

# Federico Villarreal

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Federico Villarreal, Peruvian mathematician and astronomer (Túcume, Lambayeque 31 August 1850 – Barranco, Lima 03 June 1923)

Authored over 600 works and scientific notes

Developed method to raise any polynomial to any power or Villarreal polynomial (1873)

Enunciated 3 theorems about divisibility criteria being two of them (in Aportes a la teoría de los numeros 1897)

1) the ratio between two numbers represented by same digits in two distinct systems of basis enumeration is divisible by basis difference

2) a number is divisible by a certain divisor if it is the sum of its digits when one write in enumeration system in which the basis is the divisor plus a unit

Obtained a generalization formula for Bernoulli integration formula (1879) in Integración por Traspasos

Obtained a fourth degree differential equation for flexion problem of a truss

Enunciated theorems about inertial moments and central nuclei of regular polygons (1911) in Tratado de Resistencia de Materiales

Discovered embedment moments

Discovered new formulas for studying semiregular solids

First to study the inscribed sphere in edges of regular and semiregular bodies and the sphere that have polyhedral faces as tangential planes

Solved the theoretical problem of disruptive discharge obtaining Thompson formula for oscillations period of a capacitor in Descarga Oscilante en un Condensador (1916)

Developed a simple method for determination of meridian, sun time, geographical latitude and longitude

Metodo para determinar la latitud y longitud de los lugares del Perú (una tecnica sencilla para la determinación de meridianos, la hora solar, las latitudes e longitudes geograficas)

## EPONYMY

Villarreal polynomials

Villarreal child problem (1906)

Villarreal recurring formula

## LINKS

<http://www.arrakis.es/~mcj/villarreal.htm>

# Feifan Tang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Feifan Tang, Chinese microbiologist (Liling County, Hunan Province 23 July 1897 – Beijing 30 September 1958)

Demonstrated the histological nature of trachoma (1955)

Demonstrated clinical manifestations and the morphological pictures of trachoma in monkeys (1955)

With H.L. Chang, Y.T. Huang & K.C. Wong first to isolate and cultivate *Chlamydia trachomatis* the etiological agent of trachoma (1956)

First observation of latent infection of herpes simplex

Developed a series of different pore size acetate collodion membranes for determining the size of phages and viruses

## HONORS (Bacteria)

*Tangfeifania* Liu, Li, Rooney, Du & Chen 2014

*Feifantangia* Zheng, Chen, Jiang & Yang 2015

# Feiga Rosenthal

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Feiga Rebeca Tiomno Rosenthal, Brazilian chemist (Rio de Janeiro 27 December 1922 – Rio de Janeiro 19 December 2018)

Sister of physicist Jayme Tiomno and sister in law of chemist Ernesto Tolmasquim

Authored over 130 works

## SOME BIBLIOGRAPHY

Estudos sobre uma gordura encontrada no solo. Rev. Quim. Industr. 29 (336):55-7, 1960

Notas sobre uma resina fóssil do Nordeste. Rev. Quim. Ind. 28:15-21, 1959

Goma de catingueira (1956)

Contribuição ao estudo da resina de cipó de breu (1953)

Goma de cajueiro: estudo químico e tecnológico (1951)

Goma de baraúna (1950)

## DISCOVERIES

With T. Nakamura, A.M.C. Espindola & M.R. Jochimek. Structure of starch granules. Part III. Starch 26:50-5, 1974

With V.M.R. H. Araújo. Reaction of hexamethylphosphorus triamide with starch. Studies on a new phosphorus starch derivative. Die Starke Starch 23(11):404-6, 1971

With V.M.R. Hermes de Araújo. New quaternary phosphonium–starch derivative. An. Acad. Bras. Ciencias 41(3):325-31, 1969

## DEVELOPED

Developed processes for ethanol production from amilaceous and saccharine raw material

Processos de síntese de acetatos de amido, intermediários para poliuretanos (1993)

With T. Nakamura, A.M.T. Ghiotti, P.M.L. Esteves & H.T. Serbeto. Obtenção de esteres graxos de açúcar: processo a vácuo (1987)

With A.M.C. Espindola, A.M.T. Ghiotti, A.P. Souza, M.F. Lima, L. Espindola & T. Nakamura. Purificação da farinha de babaçu para produção enzimática de glicose (1981)

With T. Nakamura, L.M.K. Nakamura, L. Espindola, A.M.T. Ghiotti, M.F. Lima & S.M.O. Silva. Produção de etanol de babaçu. Sacarificação com enzimas nacionais (1981)

With L. Espindola, T. Nakamura, L.M.K. Nakamura, A.M.T. Ghiotti, M.F. Lima & S.M.O. Silva. Fabricação de álcool de babaçu. Desenvolvimento de tecnologia (*Orbignya maritima*). Inform. INT 11(19):9-25, 1978

With E. Tolmasquim. Uma variante no método cromatográfico de separação da amilose e amilopectina em coluna de alumina. Anais Acad. Bras. Ciencias 32:11, 1960

## BRAZILIAN PATENTS (1954-81)

Processo de preparação de gomas clarificadas a partir do amido e do babaçu e o produto obtido

Extração, desidratação e pré-gelatinização da farinha do mesocarpo do coco babaçu

Preparação, extração, refino e clarificação do amido e do coco babaçu



# Felipe Valle

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Felipe Valle, Mexican astronomer (? – Tacubaya 11 September 1910)

## SOME BIBLIOGRAPHY (over 40 works)

Tablas para encontrar el día de la semana que corresponde a una fecha cualquiera del presente siglo. Anu. Obs. Astron. Nac. Tacubaya para el año de 1882 p.230-3, 1881

Observación total de la Luna que se verifico el 22 de julio de 1888. Anu. Obs. Astron. Nac. Tacubaya para el año de 1889 p.280-5, 1888

Resultados de algunas observaciones de asteroides ejecutadas recientemente. Anu. Obs. Astron. Nac. Tacubaya para el año de 1890 p.225-56, 1889

Nuevas observaciones de luz zodiacal. Bol. Obs. Astron. Nac. Tacubaya 1:59-61, 1890

Algunas formulas para calcular aproximadamente la refracción. Anu. Obs. Astron. Nac. Tacubaya p.269-76, 1894

Observations of minor planets with the 15 inch Equatorial of the National Mexican Observatory, Tacubaya. Monthly Notices Royal Astron. Society 55:404-5, 1895

Nuevo zenital reflector y prismas zenitales. Anales Asoc. Ingen. Arquít. Mexico 5:36-44, 1895

Observations of Encke comet made with the 15 inch equatorial of the National Mexican Observatory Tacubaya. Monthly Notices of the Royal Astron. Society 56:41-2, 1896

Tablas para la determinación aproximada de la latitud de un lugar y del azimut de una dirección. Anu. Obs. Astron. Nac. Tacubaya 19-25, 29, 1898

# Felix Nelson Ponnampерuma

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Felix Nelson Ponnampерuma, Sri Lankan pedologist (Galle, Ceylon 08 July 1920 – Kandy, Sri Lanka 11 December 1992)

Regarded as a world-renowned authority on chemistry of submerged soils

One of the firsts to apply thermodynamics to flooded soil systems

Explained quantitatively the kinetics of pH, redox potential, electrical conductivity and important ions in flooded soils

# Felix Pifano

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Felix Pifano Capdevielle, Venezuelan parasitologist and tropical physician (San Felipe, Yaracuy State 01 May 1912 – Caracas 08 August 2003)

From Italian, French and Basque descent

Authored over 200 scientific works

Regarded as a world authority on tropical endemic diseases

Showed another human trypanosomiasis caused by *Trypanosoma rangeli*

With M. Mayer, R. Medina & E. Domínguez C. Nouvelle trypanosomiasis humaine de la région neotropica produité par la *Trypanosoma rangeli* Tejera 1920. Bull. Soc. Pathol. Exot. 41:671-80, 1948

Proposed the existence of two complexes in mucocutaneous leishmaniasis

With J.V. Scorza. Aspectos inmunologicos de las leishmanias que parasitan el hombre, com especial referencia a la *Leishmania brasiliensis pifanoi*. Arch. Venez. Med. Trop. 3(2):15-20, 1960

Described a new Diptera species *Lutzomyia (Pintomyia) gibsoni* 1972 with Ortiz

## Developed methods

Maneras de estudiar un criadero de larvas de anofelinos. Tijeretazos Malariol. 3:47-9, 1938

With M. Mayer. Nuevos metodos para el diagnostico de la enfermedad de Chagas. Rev. San. Asist. Soc. 6:311-6, 1941

With M. Mayer. Intradermoreacción a la crucina, para el diagnostico rápido de la enfermedad de Chagas, método que ofrece el valor diagnóstico del xeno (1940s)

## Important works

Aspectos de Medicina Tropical (1964)

Algunos aspectos en ecología y epidemiología de las enfermedades endemicas con focos naturales en el area tropical, especialmente en Venezuela (1969)

## HONORS

Received an award by Academie Nationale de Medecine de Paris (1949)

Honored in subgenus *Pifanomyia* Ortiz & Scorza 1963 (Diptera)

## LINKS

<https://drive.google.com/file/d/1to8UAdjNY7yqFtYo325Mi3xVikI8lXUr/view> See <https://drive.google.com/file/d/1to8UAdjNY7yqFtYo325Mi3xVikI8lXUr/view>. **(Bibliography)**

# Felix Ramacciotti

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Felix Elvecio Ramacciotti, Argentine microbiologist (fl.1937-80)

Metodos de diferenciación de las especies de *Brucella*. Identification of a new type: *Brucella intermedia* or *brucei*. Rev. Med. Cordoba 45:277-83, 1957

## DEVELOPED METHODS

Tratamiento de la brucelosis cronica por antigenoterapia: nueva vacuna con la cepa de *Brucella suis* (1976)

With A. Santolaya. Hemocultivo en brucelosis con sangre lavada. Rev. Asoc. Bioquim. Argent. 29(100):201-7, 1955

Metodo rápido para el aislamiento de *Brucella* en sangre circulante, mediante el embrión del pollo. Rev. Fac. Cien. Med. Univ. Nac. Cordoba 9(1), 1950

With J.C. Tey & J.C. Villalba. Un procedimiento practico para el concentrado de la materia fecal en su examen parasitologico (1937)

# Felix Ugarte

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Felix Raul Enrique Ugarte, Argentine geologist (Guauguaychú, Entre Rios Province 21 February 1927 – Brazil 29 January 1982)

## SOME BIBLIOGRAPHY

Teoría de las presiones litostáticas en el estudio sinérgico de un yacimiento fisurado de hidrocarburos (Aguada, san Roque, Provincia de Neuquén). VI Congr. Geol. Argent. (1974)

Los cuerpos intrusivos del Yacimiento Santa Cruz en relación con el entrapamiento del petróleo (1968)

Algunas consideraciones sobre la Formación del Río Corintos, Esquel, Chubut. An. Univ. Patag. San Juan Bosco 1(1):69-75, 1966

La cuenca compuesta carbonífero-jurásica de la Patagonia meridional. An. Univ. Patag. San Juan Bosco 1(1):37-68, 1966

El suprapaleozoico del Río Genoa (Chubut) e inmediaciones. Acta Geol. Lilloana 7:379-406, 1965

El grupo de Río Zeballos en el flanco occidental de la Meseta Buenos Aires, Provincia de Santa Cruz. Rev. Asoc. Geol. Argent. 11(3):202-16, 1957

Geología de la zona de Omkel (prov. Chubut). Rev. Asoc. Geol. Argentina 11(1):5-22, 1956

Estudio geológico de la zona Coihueco-Cerro de la Brea (provincia de Mendoza). Rev. Asoc. Geol. Argentina 10(3):137-78, 1955

Estudio geológico de la zona Laguna Blanca-El Sosneado, a ambos lados del río Atuel, San Rafael, Mendoza. Doctoral Thesis, Fac. Cien. Natur. Univ. Nac. La Plata (1951)

## HONORS

*Ugartecladus* Archangelsky & Cuneo 1987 (Fossil Plantae)

# Ferdinand Stoliczka

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Ferdinand Stoliczka, Czech-born Indian zoologist and paleontologist (Bilany, near Kromeriz, Moravia 07 June 1838 – Moorghi, Ladakh 19 June 1874)

## DESCRIBED NEW TAXA

### Genera

#### Mollusca (Living & Fossil)

- Allopagus* 1871
- Amplostoma* 1868
- Arcotia* 1868
- Chalmasia* 1871
- Clandestinum* 1867
- Dejanira* 1859
- Egerella* 1870
- Electroma* 1871
- Ficulopsis* 1867
- Fustiaria* 1868
- Glossocardia* 1870
- Gonilia* 1871
- Gosavia* 1866
- Hindsiella* 1871
- Homalina* 1870
- Icanotia* 1870
- Itruvia* 1867
- Lewisiella* 1868
- Lymnocardium* 1870
- Mohrensternia* 1865
- Mutiella* 1871
- Myina* 1870
- Palaeomoera* 1870
- Petricolana* 1870
- Placastraea* 1873
- Pulsellum* 1868
- Pypisoma* 1873
- Sphaeriola* 1871
- Stirpulina* 1870
- Thetironia* 1870
- Veniella* 1870
- Venilicardio* 1870
- Volviceramus* 1871

### Bryozoa

- Orbitulipora* 1862
- Spiroporina* 1865
- Stichoporona* 1862

### Arachnida

- Gagrella* 1869
- Thomisus* 1869

### Crustacea

- Typilobus* 1871

### Amphibia

Ansonia 1870

Vertebrata Species & Subspecies

Mammalia

Hemiechinus auritus albulus 1872

Aves

Saxicola macrorhynchus 1872

Pyrrhocorax graculus forsythi 1874

Reptilia

Ablepharus grayanus 1872

Cnemaspis affinis 1870

Cnemaspis wicksi 1873

Cyrtopodion kachhense 1872

Cyrtopodion lawderanum 1871

Eutropis rugifera 1870

Gerrhopilus andamanensis 1871

Gongylosoma nicobariensis 1870

Hemidactylus giganteus 1871

Indotyphlops porrectus 1871

Laudakia agrorensis 1872

Laudakia dayana 1871

Lipinia macrotymparum 1873

Mesalina watsonana 1872

Ovophis convictus 1870

Psammophilus blanfordanus 1871

Trimeresurus mutabilis 1870

Xenochrophis bellula 1871

Amphibia

Amnirana nicobariensis 1870

Ansonia penangensis 1870

Fejervarya andamanensis 1870

Fejervarya limnocharis 1872

Fejervarya nicobariensis 1870

Fejervarya pulla 1870

Glyphoglossus guttulatus 1872

Kalophrynus interlineatus 1872

Kaloula pulchra 1870

Limnonectes hascheanus 1870

Limnonectes plicatellus 1873

Nanorana vicina 1872

Philautus cinerascens 1870

Scutiger sikimmensis 1872

Uperodon variegatus 1872

HONORS

Stoliczka O.P. Cambridge 1875 (Arachnida)

Stoliczka Jerdon 1870 (Reptilia)

Stoliczkaia Neumayr 1875 (Ammonites)

Stoliczkaria Duncan 1878 (Cnidaria)

Stoliczkiella Carter 1888 (Fossil Protozoa)

Stoliczkathyris Radulovic & Ramamoorthy 2000 (Fossil Brachiopoda)

Stoliczia Bott 1966 (Crustacea)

# Fernando Antonio de Zayas

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Fernando Antonio de Zayas Muñoz, Cuban entomologist (La Habana 29 April 1912 – La Habana 09 February 1983)

It is said that described 354 new insect species being 236 Coleoptera

Entomofauna cubana. Orden Coleoptera. Descripción de nuevas especies (1988)

## DESCRIBED COLEOPTERA TAXA

### Genera

*Cupeyalia* 1975

*Lethes* 1975

*Maisi* 1988

*Trinoplon* 1975

### Species

236



# Fernando Cesar Ramírez

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Fernando Cesar Ramírez, Argentine marine zoologist (fl.1963)

Performed studies on ecology of marine plankton

## DESCRIBED CRUSTACEA SPECIES

*Bomolochus globiceps* 1968 with Vervoort

*Eupelte minuta* 1971

*Hemicyclops thalassius* 1966 with Vervoort

*Leuroleberis poulsoni* 1970 with Moguilevsky

*Macrochiridothea estuaria* 2009 with Poore & Schiariti

*Monstrilla patagonica* 2008 with Suarez-Morales & Derisio

*Monstrillopsis igniterro* 2008 with Suarez-Morales & Derisio

*Prokroyeria meridionalis* 1975

## HONORS

*Ramirezia* Zamponi 1979 (Cnidaria)

# Fernando Claudio Zawislak

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Fernando Cláudio Zawislak, Brazilian physicist (Santa Rosa, Rio Grande do Sul State 05 February 1935 –

From Polish descent

Authored over 160 papers

The group that leaded gained international recognition for studies on angular correlations and ionic implantation

## SOME BIBLIOGRAPHY

With F.P. Luce, P.F.P. Fichtner & L.F. Schelp. Abnormal grain growth behavior in nanostructured Al thin films in SiO<sub>2</sub>/Si substrates. Proceed. Sympos. Materials Research Soc. 1150:133, 2009

With G. Feldmann & P.F.P. Fichtner. Nucleation and growth of Cu-Al precipitates in He implanted and annealed aluminium. Nuclear Instrum. Methods Phys. Res. 175-77 B:432-6, 2001

With C.E. Foerster, C.M. Lepienski & F.C. Serbena. Ion irradiation of CaO thin films. Thin Solid Films 340:201-4, 1999

With A. Mucklich, W. Skorupa, L. Amaral et al. Nucleation and growth of platelet bubble structures in the He implanted silicon. Nucl. Instrum. Meth. Phys. Research B 136-8:460-4, 1998

With M. Behar, D. Fink, P.L. Grande, J.A.H. Jornada & J.R. Kaschny. Very large sputtering yields of ion irradiated C60 films. Phys. Lett. A 226(3-4):217-22, 1997

With M. Behar, P.F.p. Fichtner & P.L. Grande. Range in Si and light mono and multi-element targets. Material Science Engineer. R15:1-80, 1995

With P.L. Grande, D. Fink & M. Behar. Range parameters study of medium-heavy ions implanted into light substrates. Nucl. Instrum. Methods B61:282-6, 1991

With M. Behar, P.L. Grande, I. Amaral, J.R. Kaschny et al. Range and thermal-behaviour studies of Au and Bi implanted into photoresist films. Phys. Rev. B41:6145-53, 1990

With R.B. Guimarães, L. Amaral, R.P. Livi et al. Thermal stability and Bi diffusion in the implanted AZ111 photoresist. Nucl. Instrum. Methods Physics Res. Section B32 (1-4):419-21, 1988

With D. Fink, M. Muller, U. Stettner et al. Non-regular depth profiles of light ions implanted into organic polymer films. Nucl. Instrum. Methods B2:150-4, 1988

With D. Fink, J.P. Biersack, M. Stadelé et al. Range profiles of ions in double-layer structures. Nuclear Instrum. Methods 815:71-4, 1986

With M. Behar, L.G. Brunet, J.A.H. Jornada & R.P. Livi. Temperature dependence of the electric field gradient in the AgIn<sub>2</sub> intermetallic ion. Hyperfine Intern. 15:261-4, 1983

With R. da Silva, R.N. Saxena, J. Schaf & R.P. Livi. Magnetic hyperfine field on Ta in the Co<sub>2</sub>HfAl and Co<sub>2</sub>HfGa Heusler alloys. Publ. IPEN 30, 1981

With J.A.H. Jornada. Effects of high pressure on the electric field gradient in sp metals. Phys. R. B20:2617-23, 1979

With R.N. Saxena, A. Barrio Nuevo Jr. & I.D. Goldman. Directional correlation studies of gamma transitions in <sup>69</sup>Ga and <sup>71</sup>Ga. Publ. IEA 475, 1978

With J.A.H. Jornada, E.R. Fraga & R.P. Livi. Pressure dependence of the electric field gradient of Cd in Zn and Sn hosts. Hyperf. Inter. 4:589-93, 1978

With R.N. Saxena & I.J.R. Baumvol. Electric quadrupole interactions in the CdTiO<sub>2</sub> perovskite (1978)

With R.N. Saxena & I.J.R. Baumvol. Temperature dependence of electric field gradients at Cd and Hf sites in cadmium perovskites (1978)

With I.J.R. Baumvol, A. Vasquez & J. Martínez. Temperature dependence of the electric field at Ta nuclei in CaHfO<sub>3</sub>. Phys. Stat. Solidi 79 (1):65-9, 1977

With J.A.H. Jornada, I.J.R. Baumvol, M. Behar et al. The effects of concentration and temperature on the EFG generated by N,N, Pd impurities in a cubic Ag host. Hyperfine Inter. 5:219-31, 1977

With R.P. Livi, I.J.R. Baumvol, J. Schaf & M. Behar. Temperature dependence of the electric field gradient in cubic Ag metal doped with impurities. Phys. Review Letters38:427-30, 1977

With J.A.M. Jornada & F.P. Livi. Effect of high pressure on the quadrupole interaction of <sup>181</sup>Ta in metallic hafnium. Phys. Stat. Solidi 61(2):59-61, 1974

# Fernando Omar Zuloaga

August 25, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Fernando Omar Zuloaga, Argentine botanist (La Plata 09 August 1951 –

## DESCRIBED PLANTAE TAXA

### Genera

*Adenochloa* 2014  
*Agnesia* 1993 with Judziewicz  
*Alshehbazia* 2015 with Salariato  
*Altoparadisum* 2001 with Filgueiras, Davidse & Morrone  
*Ancashia* 2023 with Al Shehbaz, Salariato & Cano  
*Apochloa* 2008 with Morrone  
*Batochloa* 2023 with Salariato  
*Borealandea* 2023 with Al Shehbaz, Salariato & Cano  
*Canastra* 2001 with Morrone, Davidse & Filgueiras  
*Cnidochloa* 2020  
*Cyphonanthus* 2007 with Morrone  
*Drakkaria* 2024 with Silva  
*Gerritea* 1993 with Morrone & Killeen  
*Hopia* 2007 with Morrone  
*Janochloa* 2023 with Delfini  
*Keratochlaena* 2009 with Morrone  
*Mayariochloa* 2012 with Salariato & Morrone  
*Morronea* 2014 with Scatagliini  
*Ocellochloa* 2009 with Morrone  
*Oncorachis* 2009 with Morrone  
*Ophiochloa* 1993 with Filgueiras & Davidse  
*Parodiolyra* 1989 with Soderstrom  
*Parodiophyllochloa* 2008 with Morrone  
*Piresiella* 1993 with Judziewicz & Morrone  
*Renvoizea* 2008 with Morrone  
*Rugoloa* 2014  
*Sclerochlamys* 2009 with Morrone  
*Sorengia* 2010 with Morrone  
*Stephostachys* 2010 with Morrone  
*Tatianyx* 1985 with Soderstrom  
*Trichanthecium* 2011 with Morrone

### Species

About 90

## HONORS

*Zuloagaea* Bess 2006 (Poaceae)  
*Zuloagocardamum* Salariato & Al Shehbaz 2014 (Brassicaceae)

# Fernando Paulino

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Fernando Paulino Soares de Souza, Brazilian surgeon (30 September 1906 – 19 February 1990)

Authored 300 works and book chapters

Developed Paulino's procedure, a suture constriction of the lung upper lobe with partial thoracoplasty in the treatment of pulmonary tuberculosis

A toracoplastia com apicólise total e amarração de pulmão. Rev. Med. Cir. Brasil 56:7, 1948

Thoracoplastie avec apicólise totale et ligature du sommet du pulmon. Giornata Mediche Internazionale, Verona, Italy, July 28–31, 1949

Developed technique of jejunum pouch in total gastrectomy known as Paulino pouch

Gastrectomia. Descrição da técnica baseada em 140 operações sem mortalidade. O Hospital 39(2):165-77, 1951

A new technique of cholecystectomy

Colecistectomia: descrição da técnica baseada em 209 operações sem mortalidade. Rev. Bras. Cir. 21(3):197-204, 1951

With P. Pernambuco. Transthoracic esophagectomy: description of technic and preoperative and postoperative care. O Hospital 41(5):643-59, 1952

With C. De Aquino. Treatment of reflux esophagitis after esophagogastrectomy; successful use of a simple procedure. O Hospital 53(4):455-9, 1958

With P. Pernambuco. Technic of esophagogastrectomy with jejunal graft. O Hospital 56:909-17, 1959

With P. Pernambuco. Technic of resection of Vater's ampulla. Rev. Bras. Gastroenterol. 14:65-72, 1962

With A. Paulino Neto & G.D. Gonzalez. Technic of surgical treatment of hiatal hernia (Experience acquired in 100 operations). O Hospital 70(1):1-7, 1966

Basic principles that currently guide the surgeon in the treatment of a duodenal ulcer. O Hospital 71(5):1203-16, 1967

Introduced technical variants in esophagus, biliary and colon surgeries

## Others

With D. de Moraes & C.S. Leite. Basic ideas concerning the routine of postoperative care. O Hospital 61:1125-40, 1962

Apparatus for photography of the field of operation. Rev. Bras. Cir. 31(4):515-7, 1956

With S. Franco. Determination of anions and cations in the plasma with presentation of a method of recording results. Rev. Bras. Cir. 27(6):619-34, 1954

## HONOURS

Honorary Fellow, American College of Surgeons

Elected Fellow, USSR Surgery Society

# Fernando Paulsen

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Fernando Paulsen, Chilean entomologist (1842 – 1908)

Collected insects and plants that sent to other researchers

Authored *Lampara cazadora de mariposas nocturnas* (1908)

Honored in genus *Paulsenius* Germain 1895(Coleoptera)

# Fernando Perez

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fernando Perez, Argentine physician, diplomat and pianist (Buenos Aires 06 February 1863 – 1935)

Discovered *Coccobacillus foetidus ozenae* (1899) and associated it to ozena (1908)

Described tube for intubation of diphtheric children

Described the relationship of middle ear to endocranial cavity (1905)

Created pinacology (1930s)

## HONORS

Doctor Honoris Causa, Università di Roma

# Fernando Valenzuela Ravest

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Mario Fernando Valenzuela Ravest, Chilean rheumatologist (Santiago 1920 – Santiago 29 November 2003)

Authored over 80 papers

Recognized as a world authority on crystal-induced arthropathies

## SOME BIBLIOGRAPHY

Arteritis de células gigantes y polimialgia reumática. Bol. Hosp. S.J. Dios 35(4):227-33, 1988

Rheumatic diseases and the histocompatibility complex. Rev. Med. Chil. 109 (8):809-12, 1981

Seronegative polyarthritis and the HLA B27 histocompatibility antigen. Rev. Med. Chil. 106 (11):910-4, 1978

With H. Aris & S. Jacobelli. Transient osteoporosis of the hip. J. Rheumatol. 4:59-64, 1977

With A.J. Reginato, V. Martínez et al. Polyarticular and familial chondrocalcinosis. Arthritis Rheum. 13:197, 1970

With J. Bravo & A.J. Reginato. Artritis aguda piógenas. Rev. Med. Chil. 90(8):657-61, 1962

With J.C. Meredith, C. Lackington, I. Canessa et al. Prednisone (metacortandrachina) in rheumatoid arthritis and acute disseminated lupus erythematosus: clinical and metabolic study. Rev. Med. Chil. 84(2):63-75, 1956

Introduction to the study of collagen diseases. Rev. Med. Chil. 83(3):131-9, 1955

With J.C. Meredith & C. Lackington. Hombro doloroso y artrosis. Arch. Arg. Reum. 18:87, 1955

With A.J. Reginato, J.L. Hollander, V. Martínez et al. Familiar chondrocalcinosis in the Chiloe Islands, Chile

With M. Losada, J.C. Meredith, J. Zanartu, C. Lackington & O. France. Prolonged steroid treatment in rheumatoid arthritis

With R. Armas Cruz, J.C. Meredith & C. Lackington. Observaciones sobre la auroterapia en las artritis reumatoidea. Rev. Med. Chil.

# Fernando Zarraga

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fernando Zarraga Guerrero, Mexican surgeon (Durango 16 February 1861 – Ciudad de Mexico 11 May 1929)

## METHODS

Lower colo-axillary cut, an embryotomy procedure (1895)

A kind of perineorrhaphy (1896)

A procedure of artificial pelvic accommodation in occipito-posterior positions (1901)

A Parotidectomy in 8 times (1908; published in 1911)

## INSTRUMENTS

A mirror for vaginal tamponade (1899)

A new type of obstetric forceps (1901)

An internal pelvimeter (1895)



# Feyzi Onder

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Feyzi Onder, Turkish entomologist (Odemis 18 December 1943 – 25 March 2000)

## DESCRIBED HEMIPTERA TAXA

### Genus

*Lodosia* 1996 with Ahmad (Hemiptera)

### Species

*Alloeotomus doesburgi* 1974

*Arma neocustos* 1990 with Ahmad

*Arma neoispirata* 1990 with Ahmad

*Cyphostethus ministriatus* 1993 with Ahmad

*Cyphostethus pallidus* 1993 with Ahmad

*Dictyonota (Dictyonota) astragali* 1982 with Stusak

*Galeatus helianthi* 1977 with Lodos

*Lodosia gonocoxa* 1996 with Ahmad

*Mecomma (Mecomma) pervinius* 1974

*Mecomma lodosi* 1979

*Peribalus (Asioperibalus) hoerlandti* 1980 with Lodos

*Picromerus brachypterus* 1990 with Ahmad

*Picromerus pseudobidens* 1990 with Ahmad

*Pseudopantilius ghaurii* 1975

*Risibia verbasci* 1980 with Lodos

*Sciocoris (Aposciocoris) atifi* 1982 with Lodos

*Solenoxythus alkani* 1975

*Tarisa igdirensis* 1978 with Lodos

*Tinigs (Neolasiotropis) ottomana* 1982 with Hericart

## HONORS

*Onderothops* Ghauri 1978 (Hemiptera)

# Filemon Uriarte

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Filemon Abuel Uriarte Jr., Philippine chemical engineer (Quezón 15 October 1945 –

## DEVELOPED

A number of appropriate pollution control technologies adapted to local conditions such as the use of waste pickling liquor in the treatment of industrial wastes, recycle and re-use of waste waters in sugar mills and refineries

Local technology for the fabrication of high-speed floating mechanical surface aerators and other pollution and sluiipment

The utilization of waste carbidge sludge in the treatment of industrial wastes;

The use of wastewaters from synthetic detergent plants in the treatment of oil waste and research on the use of locally available and naturally occurring substances in the coagulation flocculation of industrial wastes

# Filiberto Vazquez Davila

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Filiberto Vazquez Davila, Mexican chemist (Guadalajara, Jalisco State 22 August 1943 –

Invented election indelible ink (1994)

Developed the fabrication of cis dichlorine diaminoplatino II (CDDP) employed against some types of cancer

Obtained polyesters poliols from abietic acid derived of pitch pine resin from which formulated adhesives, paints and inks specifically resins for offset inks, binding for books, natural pigments for cosmetic use, biodegradable pigments and paints and photo developers

# Flaminio Ruiz

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Serapio Flaminio Ruiz Pereira, Chilean father and entomologist (Bulnes, Ñuble Province, Biobío Region 1883 – Santiago 08 November 1942)

## DESCRIBED ARTHROPODA SPECIES

### Coleoptera

*Allidiostoma porteri* 1924

### Diptera (with Reed 1941)

*Apiophora elvirae*

*Midacritus wagenknechti*

*Mitrodetus chilensis*

*Mitrodetus matthei*

*Mitrodetus reedi*

### Hymenoptera

*Alloscirtetica gazullai* 1938

*Alloscirtetica porteri* 1938

*Anthidium adriani* 1935

*Anthidium edwini* 1935

*Anthidium espinosai* 1938

*Centris orellanai* 1940

*Epiclopus wagenknechti* 1938

*Leioproctus ibanezi* 1944

*Lonchopria porteri* 1936

*Lonchopria rufitorax* 1942

*Megachile coquimbensis* 1938

*Megachile distinguenda* 1941

*Megachile wagenknechti* 1936

*Mourecolletes andinus* 1938

*Nothanthidium rudolphi* 1938

*Parepeolus stuardi* 1935

*Svastrides orellanae* 1935

## HONORS

*Ruizantheda* Moure 1964 (Hymenoptera)

*Ruiziella* Cortés 1951 (Diptera)

# Flemming Zeemann

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Flemming Axel Oscar Gordon Zeemann, Danish-born Brazilian chemical technologist (24 September 1899 – 03 October 1994)

## ACHIEVEMENTS

Discovered a new mineral species (ibitiarite) that may be a variety of pyroclite (1974–5)

With Y.S. Visconti & B.N.F. Nicot. Study of a new raw material, montmorillonized feldspar from Barra do Pirai, and its ceramic use. *Ceramica* 6(24):23–4, 1960

Método de precisão para dosagem de titânio (1945)

## SOME BIBLIOGRAPHY

Influência do grau de moagem das pastas de porcelana e grés no tempo e temperatura da queima (1967)

With Y.S. Visconti, E. Goulart de Andrade & B.N.F. Nicot. Um estudo das caulinitas e haloisitas pela compactação artificial e considerações sobre a formação da haloisita. *Cerâmica* 11(42):18, 1965

Diagrams of ceramic compositions. *Ceramica* 2(8):164–7, 1956

Salagem de manilhas e outros produtos de grés. *Rev. Quím. Ind. Bras.* 24(273):15, 1955

With H. Freire de Carvalho. Formação de mulita em relação às moagens e temperaturas de queima.

## BRAZILIAN PATENTS

With A.L. Montenegro, H. Harboe & Weskott Co. one patent (1932)

With H. Harboe. Water-jacketed reinforced concrete tanks for mineral oils (nº 21.152) 1933

PI7908540–7 (1979)

# Fortunato Quesada

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fortunato Quesada Larrea, Peruvian surgeon (Trujillo 05 May 1895 – Lima 09 March 1966)

## DEVELOPED TECHNIQUES

Colon fixation to the peritoneum

Quesada procedure for treatment of the diaphyseal fractures

A effective technique for angle radiography of the clavicle fractures

Technique for the Roentgen diagnosis of fractures of the clavicle. Surg. Gynec. Obstet. 42:424-8, 1926

Neues Verfahren bei der Schadel-Gehirn Topographie. Rev. Med. Lat. Amer. 14:609-11, 1929

# Frances Charlton de Rivero

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Frances Charlton de Rivero Palacio, US-born Venezuelan stratigrapher and micropaleontologist (New York 1904 – 197?)

## DESCRIBED VALID FOSSIL FORAMINIFERA TAXA

### Genus

*Conglophragmium* 1963 with Bermudez

**Species** (with Coryell 1940)

*Cibicides perforatus*

*Cibicides sinistralis*

*Fissurina crenulata*

*Frondicularia bulbosa*

*Globigerina haitiensis*

*Lagenonodosaria extensa*

*Lagenonodosaria sigmaidea*

*Laticarinina angustata*

*Lingulina tricrenata*

*Marginulina howeana*

*Marginulina papillata*

*Nodosaria helicata*

*Nodosaria sublineata*

*Pseudoglandulina trochoformis*

*Robulus oblongus*

*Textularia warrenites*

*Uvigerina laviculata*

*Uvigerina quadrata*

*Vaginulina obliquata*

*Valvulineria collias*

## SOME BIBLIOGRAPHY

Codigos estratigraficos: unos comentarios. Bol. Inform. Asoc. Venez. Geol, Minas y Petroleo 8(8):219-23, 1965

Ecología, paleoecología y distribución estratigrafica de los arrecifes orgánicos. Geos 11:41-122, 1964

With P.J. Bermudez. Estudio sistematico de los foraminiferos quitinosos, microgranulares y arenáceos (1963)

With P.J. Bermudez. Micropaleontología general (1963)

Consideraciones generales sobre La estratigrafia de Cuba. Mem. Fac. Cien. Ser. Geol. La Habana 1(1):25-82, 1963

Paleontología, Paleoecología y Ecología marina. Geos 7:5-97, 1962

Introducción al estudio de los macroforaminiferos de la familia Orbitolinidae. Geos 1:4-19, 1959

With H.N. Coryell. A Miocene microfauna of Haiti. J. Paleont. 14:324-44, 1940

## HONORS (Fossil Foraminifera)

*Charltonina* Bermudez 1952

*Riveroinella* Seiglie & Bermudez 1967

# Francis Chamberlain Partridge

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Francis Chamberlain Partridge, South African mineralogist (Cape Town 23 November 1903 – Pretoria 28 July 1939)

Described mineral species arandisite

A new tin mineral from South-West Africa. Trans. Geol. Soc. S. Africa 37:205-11, 1934

First to report properties of trevorite in reflected light

Trevorite and a suggested new-nickel bearing silicate from Bon Accord, Sheba siding, Barberton District. Trans. Geol. Soc. S. Africa 46:119-26, 1944

## SOME BIBLIOGRAPHY

With S.H. Haughton. The meteorite fall of Macibini, Zululand. Trans. Geol. Soc. S. africa 41:205-10, 1939

With O.R. Van Eeden, L.E. Kent & J.W. Brandt. The mineral deposits of the Murchison Range, East of Leysdorp (1939)

Note on Durban beach sands. Trans. Geol. Soc. S. Africa 41:175, 1938

Note on green micas (chrome muscovite) of northeastern Transvaal. Trans. Geol. Soc. S. Africa 39:457-60, 1937

With T.W. Gevers & G.K. Joubert. The pegmatite area south of the Orange River in Namaqualand (1937)

A contribution to the mineralogy of the Potgietersrust tinfields. Trans. Geol. Soc. S. Africa 39:461-4, 1936

The identification of kimberlite and kimberlite minerals by spectroscopic and other methods. Trans. Geol. Soc. S. Africa 37:205-11, 1934

Methods of handling and determination of detrital grains and crushed rock fragments. Am. Mineral 19(10):482-7, 1934

With C.M. Schwellnus, D.J.I. Visser, G.K. Joubert, J. Willemse et al. Corundum in the Union of South Africa (1934)

The andalusite sands of the western Transvaal (1934)

With W. Kupferburger. Note on the occurrence of cinnabar in the Pretoria district. Trans. Geol. Soc. S. Africa 36:117-20, 1933

The study of the heavy mineral content of several Cape formations. M.Sc thesis, University of Cape Town (1924)

## HONORS

Partridgeite De Villiers 1943 (Mineral)



# Francisco Adolfo Sauvalle

June 29, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Francisco Adolfo Sauvalle Chanceaulme, Cuban botanist (Charleston, South Carolina 01 July 1807 – Regla, La Habana 30 January 1878)

From French parents

Authored Nuevo metodo para la conservación de las carnes en la Isla de Cuba (1867)

## DESCRIBED PLANTAE SPECIES

*Calycogonium ellipticum*

*Calycogonium productum*

*Casearia aquifolia*

*Jatropha peltata*

*Margaritopsis acuiifolia*

*Myginda pungens*

*Sabal mexicana*

*Sagraea macrandra*

*Terminalia angustifolia*

*Zanthoxylum gracile*

*Zanthoxylum phyllopterum*

*Zanthoxylum stenopterum*

## HONORS

*Sauvallea* Wright 1871 (Commelinaceae)

# Francisco Alberto Saez

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Francisco Alberto Saez Sanchez, Uruguayan cytogeneticist (Montevideo 10 March 1898 – Montevideo 27 April 1976)

Authored over 200 works (126 scientific works)

Gained international recognition for his researches on orthopteran cytogenetics and its taxonomic implications

Investigaciones sobre los cromosomas de algunos ortópteros de la América del Sur. I. Número y organización de los complejos en cuatro géneros de acridios. Rev. Museo La Plata 32:317-61, 1930

Variación numérica en correlación con la existencia de cromosomas múltiples en *Aleuas vitticollis* sp. (Orthoptera, Acrididae). Rev. Museo La Plata 32:317-61, 1930

Estructura de los cromosomas en dos especies del género *Aleuas*. Actas Congr. Nac. Med. Rosario (1935)

Observed the genetic mutation by centric fusion in Orthoptera

Found that amphibians don't display morphologically individualized sex chromosomes (1935)

With P. Rojas & E. De Robertis. Untersuchungen über die Geschlechtzellen der Amphibien (Anuren). Der Meiotische Prozess bei *Bufo arenarum*. Zeit. Zellforsch. Mikro Anat. 24:727-77, 1936

Studied the karyotypes of *Didelphis paraguayensis* (1931) and *Lutreolina crassicauda* (1938)

Observed that there is not sexual chromatin in many species of insects and birds

Authored the first work in which describes that gravity induced chromosome changes

Alteraciones experimentales inducidas por la acción de la gravedad en las células somáticas de *Lathyrus odoratus* (Leguminosae). An. Soc. Cient. Argentina 132:139-50, 1941

Demonstrated that differentiation of euchromatin and heterochromatin along meiosis and concluded that they are distinct in their intramolecular organization

Differentiation of meiotic heterochromatin and euchromatin by microspectrophotometric techniques. Anat. Rec. 113:65, 1952

Citofotometría de la heterocromatina y cromatina. Biológica 22:31-6, 1956

Described the neoX-neoY system in Orthoptera (1956)

With A. Díaz. Sistema sexual neo-X neo-Y en *Xyleus laevipes* (Orthoptera: Romaleinae). Arch. Soc. Biol. Montevideo 23:13-27, 1956

An extreme karyotype in an orthopteran insect. Am. Nat. 91:259-64, 1957

Demonstrated the clastogenic action of some substances from animal origin

With M. E. Drets. The action of gonyleptidine on the mitotic and meiotic chromosomes and on the interphase nucleus. Portugaliae Acta Biol. 5:287-302, 1958

First to describe the polyploidy in Amphibia and meiotic multivalent association of the chromosomes (1959)

With N. Brum-Zorrilla. Citogenética de anfibios anuros de América del Sur. Los cromosomas de *Odontophrynus americanus* y *Ceratophrys ornata*. An. Fac. Med. Montevideo 44:414-23, 1959

With N. Brum-Zorrilla analysed the karyotype of over 80 anuran species from South America (1959-73)

Demonstrated that Black sorghum is an interspecific hybrid

With O. Nuñez. La citología de *Sorghum alnum* (Parodi), una nueva especie con 40 cromosomas. I. Los cromosomas somáticos. Rev. Arg. Agron. 11:152-7, 1943

Established biochemical and genetical correlations about heterochromatinization gradient of sexual chromosomes (1963-8)

Described the karyotype of capybara, the biggest rodent in the world

With M. E. Drets & N. Brum-Zorrilla. Karyotype of the "carpincho" (*Hydrochaeris hydrochaeris uruguayensis* (Rodentia, Hydrochaeridae). Experientia 27(5):584-5, 1971

With M.E. Drets & N. Brum-Zorrilla described the karyotype of Southern long-nosed armadillo (*Dasypus hybridus*) in 1964

Described a new mechanism of formation of sex-bivalent chromosome  $X_{yp}$

With E. Corbella, F. Panzera & G.A. Folle. C-banding and non-homologous associations. II. The "parachute"  $X_{yp}$  sex bivalent and the behavior of heterochromatic segment in *Epilachna paenulata*. Chromosoma 88:249-55, 1983

With V. Nowinski & E. De Robertis authored Citología General (General Cytology) in 1946 translated into many languages; later named Cell Biology

## METHODS

Le carmin acétique ferrique dans l'étude des chromosomes des animaux. Arch. Soc. Biol. Montevideo 1:258-61, 1929 (iron-aceto-carmin method)

Un sencillo dispositivo para la inclusión en parafina que elimina ventajosamente el empleo de la estufa termostatórica. Physis 11:82-5, 1931

Introduced a method for studying human chromosomes obtained from bone marrow puncture

With E. Varela. Un nuevo método para el estudio de los cromosomas somáticos del hombre. Rev. Soc. Arg. Biol. 10:421-2, 1934

Una técnica para el estudio de los cromosomas somáticos largos en los vegetales. Ciencia y Investigación 6:281-2, 1950

Perfected a many of staining cells procedures

With M. Drets developed methodology employed for verifying if new volatile synthetic drugs are able to induce chromosomal changes

## LINKS

<https://fibamdp.files.wordpress.com/2016/03/libro-sobre-prof-f-saez-2011.pdf> (Spanish)

# Francisco Dias da Rocha

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco Dias da Rocha, Brazilian naturalist and archaeologist (Fortaleza 23 August 1869 – Fortaleza 25 July 1960)

Obtained a compound named rochaplasin that employed to cure aftosa

## SOME BIBLIOGRAPHY

Catálogo da collecção de aves do Museu Rocha. Bol. Muz. Rocha 1(1):23-39, 1960

Subsídios para o estudo da fauna cearense (Catálogo das espécies por mim coligidas e notadas). Rev. Inst. Cear. 62:102-35, 1948

Botânica medica cearense (1919)

Chelonios do Ceará (1911)

Conchas – Catalogo da coleção de conchas univalves, determinadas, em parte, pelo prof. H. Von Ihering. Bol. Mus. Rocha 7:41-53, 1908

Abelhas. Bol. Museu Rocha (1908)

## HONORS

*Rochadiplosis* Tavares 1917 (Diptera)

# Francisco Jose Velez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco José Velez, Cuban physician (?-?)

Discovered Velez index or nuclear inversion used to diagnose pulmonary tuberculosis and even cancer (1920s)

## SOME BIBLIOGRAPHY

Diagnostico precoz de la tuberculosis. Rev. Med. Cir. La Habana 27:466, 1922

Relaciones entre la tuberculosis y el cancer. Cron. Med. La Habana (1925)

La inversión nuclear de tipo anfíbolo. La Clínica 5:33, 1928

El sintoma de la inversión nuclear en la tuberculosis. Resultados clinicos y experimentales. Vida Nueva 24:8-23, 1929

La precocidad de la inversión nuclear en la tuberculosis. Rev. Híg. Tuberc.

Diagnostico y pronostico de la tuberculosis fundado en la investigación de la formula leucocitaria. Libro de Actas, Com. V Congr. Med. Nac. Habana 2:427, 1921

La tuberculosis del corazón. Com. VI Congr. Med. Latino-am. (1922)

With Masó de Barraquer. La fórmula leucocitária de Arneth en la tuberculosis. Com. Soc. Pediat. Española (1913)

# Francisco Mauro Salzano

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco Mauro Salzano, Brazilian human geneticist (Cachoeira do Sul, Rio Grande do Sul 27 July 1928 – Porto Alegre 28 September 2018)

Considered as one of the leading experts on population genetics and genetical analysis of Amerindians

Gave 1,511 scientific contributions including 532 articles, 60 book chapters and 21 books

Authored 33 papers with more than 100 citations (16,750 by Semantic Scholar and 20, 209 by Research.com)

## ACHIEVEMENTS

First to illustrate the genetic diversity and some rare genetic conditions in Native Americans

The blood groups of South American Indians. Am. J. Phys. Anthropol. 15:555-79, 1957

With C.V. Tondo. Hemoglobin types of the Caingang Indians of Brazil. Science 132:1893-4, 1960

Rare genetic conditions among the Caingang Indians. Am. Hum. Genet. 25:123-30, 1961

Revealed a general diversity pattern in South Ameridians

Intra and inter-tribal genetic variability In South Ameridians. Am. J. Phys. Anthropol. 28:183-9, 1968

Discovered a new type of population structure (fusion-fission)

With J.V. Neel. Further studies on the Xavante Indians. X. Some hypotheses-generalizations resulting from theses studies. Am. J. Hum. Genet. 19:532-42, 1967

Discovered Porto Alegre haemoglobin

With C.V. Tondo & D.L. Rucknagel. Hemoglobin Porto Alegre, a possible polymer of normal hemoglobin in a Caucasian Brazilian family. Am. J. Human Genet. 15:265-79, 1963

He was one of the few experts who wrote on the behalf of the World Health Organization the bioethic principles to be followed in genetic and evolutionary research (1964 & 1968)

## OTHER CONTRIBUTIONS

With P. Skoglund, S. Mallick, M.C. Bortolini, N. Chennagiri, T. Hunemeier, M.L. Petz-Erler, N. Patterson & D. Reich. Genetic evidence for two founding populations of the Americas. Nature 525:104-8, 2015

With D. Reich, D. Patterson, N. Campbell et al. Reconstructing Native American population history. Nature 522 (1):1-6, 2012

With M.S. Jota, D.R. Lacerda, J.R. Sandoval et al. A new subhaplogroup of native American Y-chromosomes from the Andes. Amer. J. Phys. Anthr. 146:553-9, 2011

With T. Haag, A.S. Santos, C. Angelo, A.C. Srebek-Araújo, D.A. Sana, R.G. Morato & E. Eizirik. Development and testing of an optimized method for DNA-based identification of jaguar (*Panthera onca*) and puma (*Puma concolor*) faecal samples for use in ecological and genetic studies. Genetica 136:5-5-12, 2009

With V.C. Muschner, A.P. Lorenz, A.C.Cervi, S.L. Bonatto, T. Souza-Chies & L.B. Freitas. A first molecular phylogenetic analysis in *Passiflora* (Passifloraceae). Amer. J. Botany 90(8):1229-38, 2003

With V. Tiziani, E. Reichenberger, C.L. Buzzo, S. Niazi, N. Fukai et al. The gene for cherubism maps to chromosome 4p16. Am. J. Hum. Genet. 65(1):158-66, 1999

With T.A. Weimer, B. Westwood & E. Beutler. G6PD variants in three South American ethnic groups: population distribution and description of two new mutations. Human Hered. 48(1):92-6, 1998

With T.A. Weimer, L. Schüler & E. Beutler. Gd(+) Laguna, a new rare glucose-6-phosphate dehydrogenase variant from Brazil. Hum. Genet. 65(4):402-4, 1984

With I.V. de Castro & C.V. Tondo. Nova variante de haptoglobina na população negra de Porto Alegre. Cien. Cult. 20(2):16-8, 1968

With C.V. Tondo. Hemoglobin types of Brazilian Indians. Amer. J. Phys. Anthropol. 28(3):355-9, 1968

## Papers in top journals

PLoS One (11) & PLoS Genetics (3)

Proceedings of National Academy of Sciences (8)

Nature & Nature Communications (6)

Lancet (1)

Science (1)

## HONOURS

Honorary Member, Royal Anthropological Institute of Great Britain and Ireland (1989)

Franz Boas High Achievement Award, Human Biology Association (1999)

Doctor Honoris Causa, Université Paul Sabatier, Toulouse III (2010)

Foreign Member, National Academy of Sciences, USA (1999)

## LINKS

[https://26843a7d-3eb6-4134-9cd3-4baa32c5c56b.filesusr.com/ugd/b703be\\_f6ec2081f8c243ab98ac431b6b72800e.pdf](https://26843a7d-3eb6-4134-9cd3-4baa32c5c56b.filesusr.com/ugd/b703be_f6ec2081f8c243ab98ac431b6b72800e.pdf)See [https://26843a7d-3eb6-4134-9cd3-4baa32c5c56b.filesusr.com/ugd/b703be\\_f6ec2081f8c243ab98ac431b6b72800e.pdf](https://26843a7d-3eb6-4134-9cd3-4baa32c5c56b.filesusr.com/ugd/b703be_f6ec2081f8c243ab98ac431b6b72800e.pdf). **(English)**

# Francisco Pacheco Mendivil

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco Pacheco Mendivil, Mexican agronomist (Navojoa, Sonora State 10 October 1922 – Ciudad Obregón, Sonora State 16 November 2010)

## DESCRIBED COLEOPTERA GENERA (1964)

*Centuriatus*

*Culmus*

*Dampfius*

*Efflagitatus*

*Erus*

*Explorator*

*Filiolus*

*Gradus*

*Lanternarius*

*Lapsus*

*Microaugyles*

*Neoheterocerus*

*Olmedous*

*Peditatus*

*Tropicus*

## SOME BIBLIOGRAPHY

Plagas y organismos benéficos de interés para Mexico (1999)

Plagas de los Cultivos Oleaginosos de Mexico (1994)

Plagas del cultivo de la soya em Mexico (1990)

Plagas de los cultivos agrícolas en Sonora y Baja California (1985)

Plagas del Valle de Iaqui (1970)

# Francisco Pacheco Silva

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco Pacheco Silva, Brazilian geotechnical engineer (Americana, São Paulo State 1918 – São Paulo 03 October 1974)

First to publish studies about shearing strength of a soft clay

Resistência ao cisalhamento de um depósito de argila mole. Anais Assoc. Bras. Mekan. Solos 1:42-50, 1951 (Separata)

Shearing strength of a soft clay deposit near Rio de Janeiro. Geotechnique 3(7):300-6, 1953

Performed the first systematic experimental trial of using lateritic soils as floor base (1950s)

Developed an electrical cell for neutral pressure measurements

Célula elétrica de medida de pressões neutras. Anais II Congr. Bras. Mekan. Solos 1:341-4, 1958

Developed Pacheco Silva method

A new construction for graphic evaluation of preconsolidation stress of a soil sample. Proc. II Cobra MSFE 1:225-32, 1970

Applied the stress path method to solve foundation problems

Developed a double gauge cell

## SOME BIBLIOGRAPHY

Geotechnical properties of some residual soils of Southern Brazil (1973)

With H.G. Oliveira. O controle de compactação e observação de recalques de barragens de terra (1973)

Considerações sobre filtros de proteção (1973)

Poro-pressões e recalques em barragens de terra (1972)

Neutral pressures in compacted cohesive soils (1966)

With T. Damy de Souza Santos. Correlação entre pressões de moldagem, índices de vazios e coeficientes de permeabilidade em discos de bronze. Bol. ABM 522(10):231-40, 1954

Controlling the stability of a foundation through neutral pressure measurements (1953)

Drenos verticais de areia na variante Rio-Petrópolis. Rev. Polítecn. 157, 1950



# Francisco Pereira Passos

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco Pereira Passos, Brazilian railway engineer (São João Marcos, Rio de Janeiro State 29 August 1836 – Atlantic Ocean 12 March 1913)

With US engineers solved the problem of steepness of the ravines in Dom Pedro II railway (in early 1860s)

Presented a technical solution for railway curve of maneuvering yard in Dom Pedro II railway

Employed a new system of inclined planes for transposition of mountain range (Serra do Cubatão) at Santos–Jundiaí railway (1868)

With João Teixeira Soares built a 30% runaway with internationally unique features in Corcovado railway (1882–4)

Led the design and building of Corcovado railway, one of the world's first tourism railways with Lopes Ribeiro (design), Marcellino Ramos (builder) and Teixeira Soares (financial duties)

Authored an extensive work about mechanic features of 42 types of woods used in railways (1864)

Authored Caderneta de Campo (Beaufort House Printing), a railway handbook that was translated into Italian (1872)

Caderneta de campo para uso dos engenheiros incumbidos de trabalhos de estradas de ferro, contendo explicações sobre o modo de reedificar e empregar os instrumentos, os melhores methodos de traçar curvas no terreno, o systema adoptado pela Estrada de Ferro D. Pedro II para construir as plantas e perfis e calcular os movimentos de terras, etc.

## TRIVIA

When studying in France (1857–60) was invited to field works, an uncommon situation to a foreigner

Mayor of Rio de Janeiro (1902–6)

## BIBLIOGRAPHY

Dialnet – Um esboço biográfico de Francisco Pereira Passos 5860330.pdf

# Francisco Raggi

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Francisco Federico Raggi Cardenas, Mexican mathematician (Ciudad de Mexico 1940 – Ciudad de Mexico 12 June 2012)

Authored 38 papers

Developed homological algebra relative to hereditary torsion theory

Developed methods for studying properties of lattice in nonhereditary torsion theories

First to study the big lattice of preradicals over a ring from the lattice theory point of view (2002) and developed methods for studying it

Defined finite length dimension

Characterized classes of very important rings such as V-rings or semisimple rings

Defined prime preradicals and prime submodules of a module

Defined the concept of a main injective module, whose fully invariant submodules are in bijective correspondence with all the left exact preradicals

# Francisco San Roman

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Francisco Javier San Román y San Román, See <https://www.amigosdelastronomia.org/storage/magazines/RA099.pdf>. Chilean engineer and geographer (Copiapó 1837 – See <https://www.amigosdelastronomia.org/storage/magazines/RA099.pdf>. Santiago de Chile 1902)

From Argentine parents

Gained recognition of US and European peers for his topographic charts

Member of a number of scientific foreign associations

With S. Muñoz, A. Chadwick & A. Pizarro authored Carta geográfica del desierto y cordilleras de Atacama (1892)

Collected some archaeological artifacts such as a knife in Cerro Chuculani and one vessel of Sama

## SOME BIBLIOGRAPHY

With L. Sund. Estudios geológicos y topográficos del desierto y la cordillera de Atacama (1911)

El Desierto y la Cordillera de Atacama (1896) two volume

Hidrología del desierto y cordilleras de Atacama (1894)

La lengua cunza de los naturales de Atacama (1890)

Datos sobre la minería en La Rioja y Catamarca (1871)

## HONORS

Sanromanite Schluter, Malcherek & Pohl 2007 (Mineral)

# Francisco Silvério Pereira

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Francisco Silvério Pereira, Brazilian entomologist and Catholic father (Pouso Alegre, Minas Gerais State 05 October 1913 – 23 February 1991)

## DESCRIBED COLEOPTERA GENERA

*Anisocanthon* 1956 with Martínez

*Antillacanthon* 1966 with Vulcano

*Astaenomoechus* 1960 with Martínez

*Bdelyropsis* 1960 with Vulcano & Martínez

*Bolbaffer* 1969 with Vulcano & Martínez

*Bolbocaffer* 1969 with Vulcano & Martínez

*Bolboceroides* 1969 with Vulcano & Martínez

*Brasilucanus* 1961 with Vulcano

*Canthomoechus* 1960 with Martínez

*Chapincanthon* 1966 with Vulcano

*Coprocanthon* 1956 with Martínez

*Cretaceimelittomoides* 1987 with Vulcano (Fossil)

*Deltepilissus* 1946

*Francmonrosia* 1960 with Martínez

*Geocanthon* 1956 with Martínez

*Goniocanthon* 1956 with Martínez

*Holocanthon* 1956 with Martínez

*Isocoprís* 1960 with Martínez

*Microbolbus* 1969 with Vulcano & Martínez

*Mimobolbus* 1969 with Vulcano & Martínez

*Neocanthidium* 1964 with Martínez & Halffter

*Nesocanthon* 1956 with Martínez

*Nesovinsonia* 1959 with Martínez

*Paraegidium* 1966 with Vulcano & Martínez

*Peltecanthon* 1953

*Phacosomoides* 1959 with Martínez

*Pseudepilissus* 1964 with Vulcano

*Trichocanthon* 1960 with Martínez

*Vulcanocanthon* 1960 with Martínez

## HONORS

*Pereirabolbus* Martínez 1976 (Coleoptera)

*Pereiraidium* Vaz de Mello 2008 (Coleoptera)

*Pereirella* Cobos 1956 (Coleoptera)

*Silveriola* Cobos 1956 (Coleoptera)

*Pereirapis* Moure 1943 (Hymenoptera)

# Francisco Soca

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Vicente Francisco Soca Barreto, Uruguayan pediatrician (Soca, Canelones Department 24 July 1856 – Montevideo 29 March 1922)

His parents were from Canary Islands

Brother in law of surgeon Eduardo Blanco Acevedo

Authored Los soplos anorgánicos de la punta del corazón en el niño (1886)

Proposed the role of age in the Friedrich disease a law about pain onset in this disease (Soca law)

Etude clinique sur la maladie de Friedrich (1889)

First study about heritable diseases of nervous system

Proposed laryngeal vertigo as a sign of asthma

## SOME BIBLIOGRAPHY

A propos d'un cas de polynévrite émetinique suivie de mort. Bull. Mem. Soc. Hop. Paris 38:768, 1922

Las polineuritis emetónicas (Nota preliminar). An. Fac. Med. Montevideo (1921)

Sobre los colicos hepaticos y sus mascaras gastricas. An. Fac. Med. Montevideo 4:31-60, 1919

Note sur traitement de l'angine de poitrine. Arch. Mal. du Coeur (1915)

Traitement du vertige de Meniere par la fibrolysine ou la antipyrinée. Bull. Mem. Soc. Med. Hop. Paris (1913)

Sur La fièvre hysterique. R.N. Soc. Neurol. 2:103, 1909

Sur un cas de erytheme noueux ayant dure douze ans et guéri par les injections intraveineuses de sulfate de quinine. J. Mal. Cut. Syphil. 19:321-7, 1908

Des rapports de l'asthme et de de la tuberculose. Asthme secondaire. Arch. Gen. Med. 198:353-80, 1908

Sur un cas de "paralysie dès béquilles". Bull. Mem. Soc. Hop. Paris 2:171, 1906

Sur un nouveau cas de amyotrophie a type Charcot-Marie. Nouv. Icon. Salpetriere 15:53-62, 1902

Sur um cãs de sommeil prolongé pendant sept mois pare um tumeur de l'hypophyse Nouv. Iconogr. Salpetriere 2:101-15, 1900

With R. Bensaude. Un cas de polyadénome de type bouchnerien (1900)

La tachypnee hysterique secondaire. Nouv. Icon. Salpetriere 17:461-74, 1899

Laryngite estriduleuse avec tirage continu. Arch. Med. Enferm. 1:13-20, 1898

L'albuminurie dans la fièvre ganglionaire. Rev. Med. Enf. (1894)

Estudios medicos. El ritmo de galope (1888)

Estudios medicos del tratamiento de la pleuresia purulenta en el niño (1888)

De algunos progresos de la semeyotica cardíaca (1888)

Historia de um caso de ataxia locomotriz sifilítica. Thesis (1883)

## HONOURS

Foreign Associate Member, Académie Nationale de Médecine de Paris (1917)

# Franco da Rocha

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Francisco Franco da Rocha, Brazilian psychiatrist and psychologist (Amparo, São Paulo State 23 August 1864 – São Paulo 08 November 1933)

## ACHIEVEMENTS

Authored in 1904 *Esboço de psiquiatria forense* (Outline of forensic psychiatry) that was translated into German

Authored one chapter in *Traité Internationale de Psychopathologie*, organized under the direction of Pierre Marie

His scientific works had wide repercussion in national and international media

## SOME BIBLIOGRAPHY

Alcoolismo e loucura. Soc. Med. Cirurgia Do Rio De Janeiro-Conferência. 1918

Asilo-colônia de alienados de Juqueri. Arq. Criminologia, Med. Legal e Psiquiatria, Buenos Aires. 1902.

Assistência familiar aos alienados em S. Paulo. Arq. Bras. Psiqu Neur Ciências Afins 2(1):18-24,1906

Assistência familiar aos insanos em S. Paulo. Arq. Bras. Psiqu Neurol Ciências Afins. 6(4): 397-402, 1910

Combate ao alcoolismo. Gazeta Médica Bahia. 59: 149-153, 1928

Delinquente epiléptico. Rev. Médico-Legal, Bahia. 129, 1897

Estatística do Asilo-colônia de Juqueri. Arq. Bras. Psiqu Neurol Med Legal. 168-172, 1911

Estatística e apontamentos sobre o Hospício de São Paulo, 1895

Moléstias mentais em São Paulo. Arq. Bras. Psiqu Neurol Ciências Afins. 3:274-284, 1907

O beribéri no Hospício de São Paulo. Rev. Médica São Paulo. 1902

Responsabilidade atenuada dos alienados criminosos. Rev. Médico-Legal, Bahia. 179, 1897

Sobre um caso de paralisia geral. Brasil Médico. 225, 1895

With A.C. Pacheco e Silva. A demência paralítica em São Paulo. Arq. Bras. Neurol Psiqu. 20(1): 1-22, 1924

# Frank Herbert Quina

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Frank Herbert Quina, US-born Brazilian physical chemist (New York 23 March 1947 –

Described methodology for analysis of reaction velocities in complex systems

With H. Chaimovich. Conceptual framework for ion-exchange in micellar solutions. *J. Phys. Chem* (1979)

Described how the anthocyanins act as a sunblock in plants

With P. Ferreira da Silva, L. Paulo, A. Barbafina, E. Eisei & A. Maçanita. Photoprotection and the photophysics of acylated anthocyanins. *Chem A. Europ. J.* 18:3736-44, 2012

With V.O. Silva, A.A. Freitas & A.L. Maçanita. Chemistry and photochemistry of natural plant pigments: the anthocyanins. *J. Phys. Org. chem.* 29:594-9, 2016

## OTHER CONTRIBUTIONS

With O. García Beltrán, N. Mena, L.C. Friedrich, J.C. Netto Ferreira, V. Vargas, M.T. Nuñez & B.K. Cassels. Design and synthesis of new coumarin-based turn-on fluorescent probe selective for Cu<sup>2+</sup>. *Tetrahedron Lett.* 53:5280-3, 2012

With A. Leiva, E. Araneda, L. Gargallo & D. Radic. New three-arm amphiphilic and biodegradable block copolymers composed of poly(epsilon-caprolactone) and poly (N-vinyl 2 pyrrolidone). Synthesis, characterization and self-assembly in aqueous solution. *J. Coll. Interf. Science* 310:136-43, 2007

With L. Paulo, A.A. Freitas, P.F. Silva, K. Shimizu & A. Maçanita. Novel ground and excited state prototropic reactivity of a hydroxycarboxyflavylium salt. *J. Phys. Chem. A.* 110:2089-96, 2006

With J.A. Palatinus, F.A. Carroll & A.B. Argenton. An improved characteristic molecular volume parameter for linear solvation energy relationships of acyclic alkanes. *J. Phys. Org. Chem.* 19:725-30, 2006

With P.F. Silva, J.C. Lima, A.A. Freitas, A. Maçanita & K. Shimizu. Charge-transfer complexation as a general phenomenon in the copigmentation of anthocyanins. *J. Phys. Chem.* 109 (32):7329-38, 2005

With R.M.B. Alves & C.A.O. Nascimento. New approach for the prediction of azeotropy in binary systems. *Comp. Chem. Engin.* 27(12):1755-9, 2003

With H. Chaimovich, R.M.V. Aleixo, I.M. Cuccovia & D. Zanette. Quantitative analysis of micellar effects on chemical reactivity and equilibria: an evolutionary overview. *Solution Behavior of Surfactants* 2:949-73, 1982

## METHODS

With C.P. da Silva, R.M. Pioli, L. Liu, S. Zheng, M.J. Zhang, G.T.M. Silva & V.M.T. Carneiro. Improved synthesis of analogues of red wine pyroanthocyanin pigments. *ACS Omega* 3:954-60, 2018

With A.A. Freitas & A. Maçanita. Improved analysis of excited state proton transfer kinetics by the combination of standard and convolution methods. *Photochem. Photobiol. Sciences* 12:902-10, 2013

With F.A. Carroll & J.M. Godinho. A simple method to evaluate, correlate and predict boiling and flash points of alkynes. *J. Braz. Chem. Soc.* 23:1895-9, 2012

With F.A. Carroll & C.Y. Lin. Simple method to evaluate and to predict flash points of organic compounds. *Ind. Engineer. Chem. Res.* 50:4796-00, 2011

With F.A. Carroll & J.M. Godinho. Development of a simple method to predict boiling points and flashing points of acyclic alkenes. *Ind. Engineer. Chem. Res.* 50:4221-5, 2011

With F.A. Carroll & C.Y. Lin. Calculating flash point numbers from molecular structure: an improved method for predicting the flash points of acyclic alkenes. *Energy & Fuels* 24:392-5, 2010

With F.A. Carroll & C.Y. Lin. Improved prediction of hydrocarbon flash points from boiling point data. *Energy & Fuels* 24:4854-6, 2010

With U.F. de Souza & R. Guardani. Prediction of emulsion stability via a neural network-based mapping technique. *Ind. Engineer. Chem. Res.* 46:5100-7, 2007

With J.A. Palatinus, C.M. Sams, C.M. Beeston, F.A. Carroll & A.B. Argenton. Kinney revisited: an improved group method for the prediction of boiling points of acyclic alkanes. *Ind. Engineer. Chem. Research* 45:6860-3, 2006

With W.L. Hinze, R.W. Williams Jr., Z.S. Fu & Y. Suzuki. Novel chiral separation techniques based on surfactants. *Coll. Surfaces* 48:79-94, 1990

With E.J. Ribaldo, J.B.S. Bonilha, M.J. Politi, H. Chaimovich, C.A. Bunton, L. Petty, R. Sartori & L.S. Romsted. A rapid quantitative method for determining the homolog composition of quaternary ammonium surfactants. *J. colloid Interf. Science* 97(1):115-9, 1984

# Frederico Pimentel Gomes

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Frederico Pimentel Gomes, Brazilian biostatistician (Piracicaba, São Paulo State 19 December 1921 – Piracicaba, São Paulo State 24 November 2004)

Authored about 210 papers and 13 books

## ACHIEVEMENTS

Introduced the concept of derigral, a hybrid between derivative and integral

Introdução ao Estudo dos Derigrais. Thesis, ESALQ, Univ. São Paulo, 1948

Calculated the maximal velocity of capillary rising

With H. Penna Medina. Movimento capilar da água do solo. I. Determinação da velocidade máxima da ascensão capilar (1951)

With E. Malavolta developed the concept of physiological economical critical level for foliar diagnosis

Foliar diagnosis in Brazil. In: Plant Analysis and Fertilizer Problems (W. Reuther, Red), p. 180-189. Am. Inst. Biol. Sciences, Wash. 8, 1961

First in the world to apply variance analysis to non-linear regression in parameters and other contributions to this field

With E. Malavolta. Aspectos matemáticos e estatísticos da lei de Mitscherlich. Anais Esc. sup. Luiz de Queiroz 6:193-230, 1949

The interpolation of Mitscherlich's first approach law and the analysis of variance in experiments with fertilizers (1950)

A lei de Mitscherlich e a análise da variância em experiências de adubação. Anais Esc. Sup. Luiz de Queiroz 8 (1950)

The use of Mitscherlich's regression law in the analysis of experiments with fertilizers. Biometrics 9(4):498-518, 1953

Developed a theory and original method for optimal plot size determination employing intraclass correlation coefficient

O problema do tamanho ótimo das parcelas em experimentos com plantas arbóreas. Pesqu. Agropec. Bras. 19 (12):1507-12, 1984

Created an experimental method for studying degustation of Brazilian coffee

With Aldir Alves Teixeira. Estudos preliminares sobre a prova da xícara de café. Bol. Secret. Agric. S. Paulo (1962)

Suggested a new type of analysis of variance for grazing experiments with bovines

With S.G. Nunes, M. de B. Gomes & J.B.E. Curvo. Modificação na análise da variância de ensaios de pastejo com bovinos, considerando os blocos de animais. Pesq. Agrop. Bras. 23(9):951-6, 1988

Developed statistical-mathematical procedures on the influence of the element content in the substrate on plant growth

With C.P. Abreu. Sobre uma fórmula para o cálculo da dose mais econômica de adubo. Anais esc. Sup. Agron. Luiz de Queiroz 1:191-8, 1959

Defined variation index of an experiment (1991)

Proposed new methods to assess the crop's response to fertilizers

Introdução ao estudo das sucessões do tipo  $W(N)=N f_1(N)$  (1959). Thesis



Sobre um sistema de equações relativas a um modelo matemático de populações de himenópteros endogâmicos. Anais ESALQ 8:87-97, 1951

With A.T. Vianna & M. Santiago. Formação do gado de Canchin pelo cruzamento Charolês-Zebu. Estud. Tecn. Min. Agric. 19 (1962)

## HONOURS

Visting Scholar, North Carolina University

# Friedrich Sellow

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Friedrich Sellow or Sello, German naturalist and ethnographer in Brazil (Potsdam 12 March 1789 – Belo Oriente, Minas Gerais State October 1831)

Collected thousands of specimens among plants, seeds, wood samples, mammals, birds, mollusks, amphibians, fishes, worms, insects, shells, skins, bird nests, bird eggs, skeletons, anatomical pieces, cranes, rocks, minerals, ethnographic drawings and indigenous artifacts sent to German institutions

## DESCRIBED VALID PLANTAE SPECIES

*Bignonia bellas*

*Philodendron hastatum*

*Salvia splendens*

## HONORS (Plantae)

*Selloa* Kunth 1818 (Asteraceae)

*Sellocharis* Taubert 1889 (Fabaceae)

*Friedsellowia* Lowe, Coiffard, Mohr & Bernardes de Oliveira 2013 (Fossil)

# Fritz Ottensooser

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

**Friedrich (Fritz) Ottensooser**, German-born Brazilian geneticist and hematologist (Nuremberg 19 July 1891 – São Paulo 24 December 1974)

## ACHIEVEMENTS

Suggested a mathematical formula for computing racial mixture through blood groups known as Bernstein-Ottensooser method for studying genetic markers

Calculo do grau de mistura racial através dos grupos sanguíneos. Rev. Bras. Biol. 4(4):531-7, 1944

Discovered that lectins of *Vicia graminea* seeds are able to agglutinate human blood group N.

With K. Silberschmidt. Haemagglutinin anti-N in plant seeds. Nature 172:914, 1953

Described cold lectins, plant agglutinins which act more strongly as temperature is decreased

With M. Sato. Cold lectins. Vox sanguinis 8(6):733-4, 1963

With M. Sato described anti-A+B phytohemagglutinins found in variants of *Phaseolus vulgaris* (1964)

With M. Sato described absorption-inhibitor tests for identification of the ABO blood group substances in semen (1967)

With R. Sato & M. Sato. A new anti-B lectin. Transfusion 8(1):44-46, 1968

Isolated lectins detecting C group streptococci from *Wisteria floribunda*

With Y. Nakamizo, M. Sato, Y. Miyamoto & K. Takizawa. Lectins detecting C group streptococci. Infect. Immun. 9(5):971-3, 1974

Specific antibodies in plants. Arq. Cir. Clin. Exp. 39(323):76-82, 1955

With O. Mellone & O. Yahn. Identification of Lewis a antibody, probable cause of hemolytic disease of the newborn. Rev. Paul. Med. 42(1):38-47, 1953

With P.C. Junqueira, P.J. Wishart, R. Pasqualin, P. Loureiro Fernandes & H. Kalmus. The Diego blood factor in Brazilian Indians. Nature 177:41, 1956

# Fritz Plaumann

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Friedrich (Fritz) Plaumann, German-born Brazilian entomologist (Preussisch Eylau, Prussia 02 May 1902 – Seara, Santa Catarina State 22 September 1994)

Discovered and collected 1,469 entomological species and subspecies (Orthoptera, Diptera, Hymenoptera, Hemiptera, Coleoptera, Neuroptera, Lepidoptera), 124 in Hydrocaridae, 12 mites, 4 spiders, one mollusk and an amphibian new to science

With Carl J. Drake described three new species in Hemiptera: *Xiphovelia lacunana* 1953, *Microvelia novana* 1955 and *Zetekella pulla* 1956

Entitled the foremost insect collector of Latin America in the 20<sup>th</sup> century by Californian Academy of Sciences

## SOME BIBLIOGRAPHY

Ueber das Sammeln im brasilianischen Urwald. I. Koleopt. Rdsch. 23:236-43, 1937

Beitrage zur Lepidopterenfauna von Sta. Catharina, SudBrasilien. Entomol. Rdsch. (1938)

Ueber das Sammeln im brasilianischen Urwald. II. Revta. Entomol. 11:908-20, 1940

Die Entstehung des Lebens. Vollig dewe Anschawgen aber die Entstehung des Lebens und der Menschen (1949)

## HONORS

### Subfamilies

Plaumanniolinae Costa Lima 1962 (Coleoptera)

Plaumanniinae Lundblad 1936 (Acari)

### Genera

*Plaumannia* Lundblad 1936 (Acari)

*Plaumanniana* Malaise 1942 (Hymenoptera)

*Plaumanniella* Fisher 1938 (Coleoptera)

*Plaumannimyia* Hering 1938 (Diptera)

*Plaumanniola* Costa Lima 1962 (Coleoptera)

*Plaumannion* Masner & Johnson 2007 (Hymenoptera)

*Plaumannister* Reichensperger 1958 (Coleoptera)

*Plaumannita* Bechyné 1954 (Coleoptera)

*Plaumannium* Liebke 1939 (Coleoptera)

*Plaumannocoris* Carvalho 1947 (Hemiptera)

*Fritziella* Marsh 1993 (Hymenoptera)

# Fu-qing Yang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fu-qing Yang, Chinese female computer scientist (Wuxi, Jiangsu Province 06 November 1932 –

Authored over 150 papers and 8 books

## CONTRIBUTIONS

With G. Huang & H. Mei proposed a new approach to recovering software architecture from component based systems at runtime and changing the runtime systems via manipulating the recovered software architecture (2006)

With J.F. Zhao, B.Xie & L. Zhang. A web services composition method supporting domain feature. Chin. J. Computers 4:731-8, 2005

With G. Huang, Q.X. Wang & H. Mei presented the design and implementation of a reflective component operating platform called PKUAS (2003)

With Q.X. Wang, Y.H. Luo & H. Mei presented an automated approach to improve and facilitate the ORB-based application development (2002)

With Q.X. Wang, Q. Wong & K.Q. Li presented Jade Bird domain engineering method, a new object oriented domain engineering method (2002)

With S. Zhang & L. Wang proposed JB/HMB, a software architecture style based on hierarchical message buses (2001)

With X.Q. Chen, W.Z. Shao & H. Mei provided a new method for enhancing documentation for reuse (1999)

Presented a file system of the modularized operating system DJS200/XT2 (1981)

With G.Q. Xing presented a kernel of the modularized operating system designed with the modular design method PCM (1981)

With C.H. Zhong developed a modular design method of operating systems (1979)

Developed DJS-150 and DJS-240 operating systems (1970s)

# Fuad Amin Sabra

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fuad Amin Sabra, Lebanese neuropsychiatrist (Beirut 13 February 1919 – 27 April 2005)

## SOME BIBLIOGRAPHY

With A.K. Afifi. Treatment of toxic and drug induced neuropathies. *Modern Treatment* 5(6):1236, 1968

With H.A. Reimann. Hereditary spastic paraplegia (primary lateral sclerosis): a report of three cases in a family. *Middle East Med. J.* 1:75-8, 1962

Observations on one hundred cases of cerebral angioma. *J. Am. Med. Ass.* 170(13):1522-4, 1959

Withn H. Zellweger & Y. Green. The clinical diagnosis of inclusion body encephalitis (Dawson). *Helv. Paediat. Acta* 13(1):81-7, 1958

## HONOURS

Honorary Member, American ECG Society (1950)

Visiting Lecturer, Harvard University (1963)

Visiting Professor of Neurology, Johns Hopkins Medical School (1968) & Royal Infirmary, Edinburgh (1969)

President, Section of Neurology, International Congress of Neurology (1969)

Invited to contribute chapters to Harrison's Principles of Internal Medicine (6<sup>th</sup> to 9<sup>th</sup> editions)

# Fujia Yang

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Fujia (Fu-chia) Yang, Chinese nuclear physicist (Shanghai, Zhejiang Province June 1936 –

Confirmed some of the single particle motions in nuclei in a wok widely cited (1964)

Developed a more unified formula for the decay of complex energy levels

Derived a generalized formula for measuring half-life time of nuclei

Discovered the narrowest double state using gamma-ray resonance absorption

First to use double foils to do research on polarization change

Proposed the use of single-crystal golden foils to investigate the effect of channeling on polarization

## LINKS

<http://www.cpr.cuhk.edu.hk/cong/?q=node/723>

# Fuli Yuan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Fuli Yuan, Chinese geologist, paleontologist and archaeologist (Xushui County, Hebei Province 31 December 1893 –Beijing 22 May 1987)

## ARCHAEOLOGY

Performed important archaeological discoveries in China and Mongolia

With J.G. Andersson discovered the Yangshao culture (1921)

## PALEONTOLOGY

Discovered some species of fossil reptiles

With T.P. Koh described a new genus and species of fossil fishes (*Sinosemionotus urumchii* 1936)

## SOME BIBLIOGRAPHY

With H.J. Du. Cenozoic biostratigraphy of China (1984)

Geology of eastern Dzungaria, Sinkiang. Acta Geol. Sinica 36(2):113-32, 1956

The great unconformity between the late Paleozoic and Mesozoic rocks in Sinkiang. Sci. Rep. Nat. Tsing Hua Univ. Ser. C 1(1):9-16, 1936

The discovery of theromorph reptiles in the Mesozoic strata, on the north of Tianshan. Geogr. Ann. 17:235-8, 1935

With C.C. Young. On the occurrence of *Lystrosaurus* in Sinkiang. Bull. Geol. Soc. China 13:575-80, 1934

With C.C. Young. On the discovery of a new dicynodont in Sinkiang. Bull. Geol. Soc. China 13:563-74, 1934

Review on the Hong Kong Neolithic collection. Bull. Geol. Soc. China 7(3-4):215-20, 1928

Carboniferous stratigraphy of northwestern Kansu. Bull. Geol. Soc. China 4(1):29-37, 1925

Geological notes on Eastern Kansu. Bull. Geol. Soc. China 4(1):21-8, 1925

The Ordovician graptolite beds of Ping Liang, E. Kansu. Bull. Geol. Soc. China 4(1):11-20, 1925

Lower Carboniferous stratigraphy of Northeastern Kansu. Bull. Geol. Soc. China 2(4):30, 1923

## HONORS

*Yuanotherium* Hu, Meng & Clark 2009 (Fossil Mammalia)

*Yuanophyllum* Yu 1931 (Fossil Cnidaria)

Yuanfuliite Huang & Wang 1996 (Mineral)



# G. Chandrasekhara Rao

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

G. Chandrasekhara Rao, Indian marine zoologist

## DESCRIBED NEW TAXA

### Genera

*Anthohydra* 1973 with Salvini-Plawen (Cnidaria)

*Apolaophonte* 1987 with Wells (Crustacea)

*Asterocomes* 1962 (Crustacea)

*Balucopsylla* 1972 (Crustacea)

*Eoschizopera* 1976 with Wells (Crustacea)

*Helmutkunzia* 1962 (Crustacea)

*Planodasys* 1970 with Clausen (Gastrotricha)

*Psammothuria* 1968 with Ganapati (Echinodermata)

### Species

About 80 species in Crustacea, Gastrotricha, Cnidaria, Tardigrada, Echinodermata and Mollusca

## HONORS (Crustacea)

*Raawellsia* Ozdikmen 2008

*Raoleptomesochra* Karanovic 2004

# G.K.B. Navale

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

G.K.B. Navale, Indian palynologist and paleobotanist (fl.1955-1992)

## DESCRIBED FOSSIL GENERA

### Sporae/Pollen

*Brazilea* 1967 with Tiwari

*Cruciferoipollenites* 1979 with Misra

*Dashkinipollenites* 1979 with Misra

*Disectispora* 1967 with Tiwari

*Icacinoipollenites* 1979 with Misra

*Plumbaginacipites* 1979 with Misra

### Plantae

*Anogeissusoxylon* 1964

*Castanoxylon* 1964

*Hopeoxylon* 1963

## HONORS

*Navalesporites* Sarate & Ram-Awatar 1984 (Fossil Sporae)

# G.N. Ramachandran

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Gopalasamudran Narayana Iyer Ramachandran, Indian structural biologist and crystallographer (Ernakulam, Kerala State 08 October 1922 – Chennai 07 April 2001)

Authored 250 publications

## ACHIEVEMENTS

Regarded as one of founders of molecular biophysics

With W.A.Wooster proposed a length unit in yards for scanning and assessing generally any structure mainly polypeptides

With Wooster first determined the elastic constants of cubic crystals from diffuse x-ray reflections (1949)

With Gopinath Kartha proposed the triple helical structure of collagen molecule introducing the concept of coiled-coil structure (1954)

Discovered bridge regions in biological molecules, a region bridging  $\alpha$ -helical and  $\beta$ -sheet conformations known as Ramachandran bridges

With S. Raman derived the correct formula for calculating phase angles from Bijvoet differences in A new method for the structure analysis of non-centro-symmetric crystals. Curr. Sci. 25:348-51, 1956

Applied Fourier transforms and anomalous dispersion to methods of structure analysis

Developed a novel Fourier method for structural analysis in crystallography

Gave contribution on the use of anomalous dispersion in phase determination in x-ray structure analysis (1956)

With R. Srinivasan. A new statistical test for distinguishing between centrosymmetric and non-centrosymmetric structures. Acta Crystal. 12:410-1, 1959

With C. Ramakrishnan & V. Sasisekharan developed Ramachandran plot or map (1963)

Settled the rules that govern the conformation of polysaccharides (1963)

With A.V. Lakshminarayana developed convolution-backprojection algorithm used in x-ray tomography (1971)

Developed a x-ray focusing mirror for the x-ray microscope

Developed a new Boolean algebra vector matrix formalism (1976)

Real Atom Grid Approximation (RAGA) – a new technique of crystal structure analysis using only amplitudes without determination of phases of reflections. Acta Cryst. A 46:359-65, 1990

Developed methods for solving conformation or molecular architecture of proteins and others biopolymers

Introduced the term topograph in crystallography

Eponym of Ramachandran angles

## HONORS

Ewald Prize, International Union of Crystallography (1999)

Asteroid Ramachandran 20851

Chemistry Nobel Prize nominee (1964)

## LINKS

<http://rsbm.royalsocietypublishing.org/content/51/367.full.pdf+html>

# Gabriel Soares de Sousa

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gabriel Soares de Sousa, Portuguese-born Brazilian chronicist and sertanist (Lisboa c.1540 – Bahia Province 1592)

Authored *Tratado Descritivo do Brasil* or *Descriptive Treatise of Brazil* (1587) which displays an encyclopedic character. Published only in 1851

Performed a detailed description of Brazilian flora and fauna

Suggested that flies could transmit certain diseases later confirmed by Castellani (1907)

Described diseases like tungiasis

Identified yaws or frambesia before Piso

First to describe maculo or epidemic gangrenous proctitis

Gave the first report about the transmission of a infectious disease (yaws) by an insect

Established the notion of contagiousness into a disease

First to describe the role that play Tabanid dipterans as bloodsucking agents for man and animals and human myiasis in the dog

Gave reports about morphological features of birds

First to report opilação (hookworm disease)

Reported helminth larvae parasitizing fishes

First to report the presence of Argulidae crustaceans in fishes

# Gabriella Zuccari

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gabriella P. Zuccari, Italian / Brazilian zoologist (died São Paulo 1947)

Authored Condições de divisão e regeneração em Naididae. Bol. Fac. Fil. Cien. Letr. Univ. São Paulo 12:5-41, 1947

Honored in genus *Zuccaria* Marcus 1948 (Turbellaria)

# Gamaniel Velarde

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gamaniel Velarde Guarda, Peruvian agricultural entomologist (1931-2014?)

## SOME BIBLIOGRAPHY

El cultivo de papa en Ica. Bol. Asoc. Agric. Ica 17 (1973)

With F. Robles & L. Valencia. Condición de la planta del algodón en la evolución del pulgón de la melaza. Bol. Asoc. Agric. Ica 14 (1969)

With L. Valencia. Nuevas plagas en el cultivo del mango. Rev. Per. Entom. 11(1):108-9, 1968

With F.R. Bazán de Segura. Control de la chupadera fungosa del algodón en el Valle de Ica. La Vida Agrícola 38(453):461-4, 1961

With N. Cardenas de la Cruz. Algunos aspectos de la biología del picudo del algodón en el valle de Ica.

## HONORS

*Velardemyia* Valencia 1972 (Diptera)

# Ganchang Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ganchang Wang, Chinese nuclear physicist (Changshu, Jiangsu Province 28 May 1907 – Beijing 10 December 1998)

First proposed to use a cloud chamber to study high-energy rays (1930)

First proposed the use of beta-capture to detect the neutrino (1941)

Designed a magnetic cloud chamber (1952)

Discovered and recorded new types of particles from cosmic rays (1950s)

Discovered anti-sigma minus hyperon (1959)

Put forward new concepts for the restriction of nuclear fusion through laser inertia

Presented the concept of laser fusion independently (1964)

## HONORS

Asteroid 14558 Wangganchang

# Gaspar Vianna

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gaspar de Oliveira Vianna, Brazilian anatomical pathologist (Belém 11 May 1885 – Rio de Janeiro 14 July 1914)

Authored 23 scientific works

## ACHIEVEMENTS

First anatomopathological study on Chagas disease

Described rhizonema or axoneme in *Leishmania flagelli* (1911)

Described lesions of nervous system in Chagas disease (1911)

Contribuição para o estudo da anatomia pathologica da moléstia de “Carlos Chagas” (Esquisotripanoze humana ou tireoidite parasitária). Mem. Inst. Oswaldo Cruz 3(2):276-94, 1911

Showed the existence of leishmaniform bodies in myocardium fibers in human and animals

Discovered intracellular multiplication of *Trypanosoma cruzi* via leishmanias independently from Max Hartmann

Discovered non-flagellate and leishmanoids tissue forms of *Trypanosoma cruzi*, found in muscle fibers, brain and thyroid known as Gaspar Vianna forms or nests, pathognomic of Chagas disease

Reported for the first time the hepatic involvement in paracoccidioidomycosis (1913)

First described phenomenon of crypto-sporulation (1914) independently from P. Dias da Silva

With Miguel Pereira described lymphangitic form of blastomycosis

Discovered treatment of cutaneous leishmaniasis and venereal granuloma employing intravenous emetic tartar 1% in solution (1912)

## DESCRIBED TAXA

With Henrique Aragão *Calymmatobacterium granumolatis* or Aragão-Viana bacterium etiologic agent of venereal granuloma (1912) and *Treponema minimum* 1913

*Leishmania brasiliensis* 1911, etiologic agent of American cutaneous leishmaniasis

With Moses fungi *Proteomyces infestans* (1913)

With Miguel Pereira a new species of Blastomycetes

A new species of spirochetes mammalian parasite

## HONORS

Genera *Viannaia* Travassos 1914 & *Viannella* Travassos 1920 (Nematoda)

Subgenus *Viannaia* Lainson & Shaw 1987 (Protozoa)

Subgenus *Viannamyia* Mangabeira Filho 1941 (Diptera)



# Gastão Rosenfeld

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Gastão Rosenfeld, Hungarian-born Jewish Brazilian biomedical scientist (Budapest 26 July 1912 – São Paulo 15 July 1990)

From Hungarian father and Egyptian mother from French ascent

## ACHIEVEMENTS

Studied properties of natural toxins

Authored many important studies on physiopathology of poisoning by animals

A new method for studying Hematozoa

Novo método para pesquisa de hematozoários. Rev. Assoc. Paul. Med. 18:306, 1941

Método rápido de coloração de esfregaços de sangue. Noções práticas sobre corantes pancrômico e estudo de diversos fatores. Mem. Inst. Butantan 20:315-28, 1947

Developed Rosenfeld staining, a rapid pan-chromic staining for blood smears combining May-Grunwald and Giemsa methods

Corante pancrômico para a hematologia e citologia clínica: nova combinação dos componentes do May-Grunwald e do Giemsa num só corante de emprego rápido. Mem. Inst. Butantan 20:329-334, 1947

Co-discovered bradykinin (1949)

With M. Rocha e Silva & W.T. Beraldo. Bradykinin, a hypotensive and smooth muscle stimulating factor released from plasma globulin by snake venoms and by trypsin. Am. J. Physiol. 156:261-73, 1949

With L.A.P. de Camargo. Retração normal do coágulo sanguíneo. Coeficiente de correção e índice de retração. Rev. Bras. Biol. 9:510, 1949

With B. Janszky & A.T. Leão. Método de investigação da ação de drogas sobre a coagulabilidade do sangue "in vivo". Seara Med. 6:515, 1951

Introduced a new treatment for chronic leukemia using personal control of maintenance dosis

Considerations on the classification frequency and treatment of leukemia. Acta Unio Int. Contra Cancrum 11(3):313-7, 1955

With O.G. Hampe & E.M. Kelen. Coagulant and fibrinolytic activity of animal venoms: determination of coagulant and fibrinolytic index of different species. Mem. Inst. Butantan 29:143-63, 1959

With E.M.A. Kelen & F. Nudel. Hemolytic activity of animal venoms. I. Classification in different types and activities. Mem. Inst. Butantan 30, 1960

Described in detail Rosenfeld neurotoxic facies or myasthenic facies, a pathognomonic sign of the bite by a snake with neurotoxic venom (1960s)

Developed a modified standard technique for determining coagulation time

Técnica padrão da determinação do tempo de coagulação (modificado). J. Bras. Med. 7:695-711, 1965

With W. Beçak & M.A.R. Barros. Método fotométrico para medição quantitativa de cromossomos (1965)

Described hementerin, an anticoagulant of leech *Haementeria lutzi*

With Eva M. A. Kelen. Fibrinogenolytic substance (hementerin) of Brazilian blood-sucking leeches (*Haementeria lutzi* Pinto 1920). Haemostasis 4(1): 51-64, 1975

## Paper in Science

With B. Janszky. The accelerating effect of calcium on the fibrinogen-fibrin transformation. Science 116:36-7, 1952

# Gavino Trono

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gavino Cajulao Trono Jr., Philippine phycologist (Negros Occidental 11 November 1931 –

## DESCRIBED VALID ALGAE SPECIES

*Avrainvillea hollenbergi* 1972

*Boodleopsis carolinensis* 1972

*Ceramium koronense* 1972

*Chlorodesmis dotyi* 1972

*Derbesia padinae* 1972

*Gracilaria manilaensis* 1994 with Yamamoto

*Gracilaria sullivanii* 1994 with Yamamoto

*Microdictyon mokilensis* 1972

*Sargassum abbottiae* 1994

*Sargassum balingasayense* 1994

*Sargassum bataanense* 1994

*Sargassum currimaoense* 1994

*Sargassum dotyi* 1994

*Sargassum ohnoi* 1994

*Sargassum samarense* 1994

*Sargassum sullivanii* 1994

*Sargassum umezaki* 1994

*Sargassum velasquezii* 1994

*Sargassum yoshidae* 1994

*Sphacelaria carolinensis* 1972

*Spirulina vaginata* 1961

*Spyridia velasquezii* 1972

## HONORS

*Tronoella* Santiañez & Kogame 2017 (Phaeophyceae)

# Gelso Vazzoler

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gelso Vazzoler, Brazilian oceanographer (São Paulo 25 August 1929 – São Paulo 20 May 1987)

Gained international recognition for his works on fisheries biology and nektonic ecology

## SOME BIBLIOGRAPHY

With P.T.C. Chaves. Aspectos biológicos de peixes amazônicos. III. Anatomia microscópica do esôfago, estômago e cecos pilóricos de *Semaprochilodus insignis* (Characiformes: Prochilodontidae). Acta Amazonica 14(3-4):343-53, 1984

With E.C. Kawakami. Método gráfico e estimativa de índice alimentar aplicado no estudo de alimentação de peixes. Bol. Inst. Oceanogr. 29(2):205-7, 1980

Distribuição da fauna de peixes demersais e ecologia dos Sciaenidae da plataforma continental brasileira entre as latitudes 29°21'S (Torres) e 34°44'S (Chuí). Bol. Inst. Oceanogr. 24(2):85-169, 1975

With A.E.A.M. Vazzoler. Relation between condition factor and sexual development in *Sardinella aurita* (Cuv. & Val.). Anais Acad. Bras. Cien. 37:353-9, 1965

Sobre a biologia da corvina da costa sul do Brasil. Bol. Inst. Oceanogr. S. Paulo 12(1):53-102, 1962

Sobre a primeira maturação sexual e destruição de peixes imaturos. Bol. Inst. Oceanogr. 12(2):5-38, 1961

# Genaro Sisto

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Genaro Sisto Pallaert, Argentine pediatrician and hygienist (Ayacucho, Buenos Aires Province 02 February 1870 – 23 August 1923)

From Italian father

Described Sisto sign (constant aphonic crying as a sign of congenital syphilis in infancy)

Heredo-Syphilitic Cry. Ann. Med. Chr. (1909)

## SOME BIBLIOGRAPHY

Contribución al estudio de la poliomiелitis anterior aguda (1895)

Las inyecciones epidurales como tratamiento de la enuresis o incontinencia esencial de orina: uretricititis blenorragica en un niño de 10 años tratado por la urotropina (1906)

Conferences de pathologie infantile (1910)

Les cris chez le nourissons et la syphilis hereditaire (1910)

Cerebrospinal fluid in syphilitic and hereditary syphilis. Ann. Med. Chir. Infant. 2, 1910

Hygiene scolaire (1911)

La acción preventiva y curativa em la lucha antituberculosa. Arch. Espan. Pediat. 11, 1919

Um nuevo caso de llanto sifilitico

Profilaxis de las enfermedades infecto-contagiosas en el medio escolar

## HONORS

Prix Perron, Academie de Medecine de Paris (1910)

Gold Medal, Exposition of Social Hygiene, Rome (1912)

# Generosa Emilia Pontual Peres

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Generosa Emilia Pontual Peres de Paula Lopes, Brazilian mycologist and lichenologist (Santo Amaro, Bahia State 09 January 1925 –

## DESCRIBED TAXA

### Valid Genera

#### Lichenes

*Podoxyphiomyces* 1961 with Valle & Batista

#### Fungi

*Akaropeltopsis* 1966 with Batista

*Anopeltis* 1960 with Batista

*Batistina* 1961

*Catenella* 1963 with Batista

*Clypeophialophora* 1962 with Batista

*Dichelostroma* 1963 with Batista

*Ellisia* 1965 with Batista

*Ionophragmium* 1961

*Kmetiopsis* 1960 with Batista

*Leucoconiella* 1960 with Batista & Maia

*Polyetron* 1963 with Batista

*Polypedia* 1959 with Batista

*Powellia* 1964 with Batista

*Setomyces* 1961 with Batista

*Spinomyces* 1961 with Batista

*Staibia* 1966 with Batista

*Vonarxella* 1965 with Batista & Bezerra

*Wardinella* 1960 with Batista

#### Species

About 270 between Lichens and Fungi

# Genésio Pacheco

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Genésio Pacheco, Brazilian bacteriologist and veterinarian (São Fidelis, Rio de Janeiro State 05 May 1890 – Rio de Janeiro 06 February 1973)

Authored about 300 publications

## DISCOVERIES

Discovered Pacheco disease of parrots

With O. Bier. Epizootie chex les perroquets du Brésil. Relations avec Le psittacose. C.R. Séance Soc. Biol. 105:109-111, 1930

Discovered a new disease affecting freshwater fishes being caused by an ultra virus

Doença de peixes fluviaes do Brasil. Mem. Inst. Oswaldo Cruz 30(3):327-71, 1935

Showed an unknown type of fuchsinophilic granulation in genus *Corynebacterium* (1933)

## METHODS

With A. Godoy modified the method for preparing Litmus whey by using a kaolin for facilitating the filtration (1924)

A new way to prepare Petruschky milk serum

With A. Godoy. Nouveau mode de préparation du petit-lait de Petruschky. C.R. Soc. Biol. 90:243, 1924

Developed a rapid method for laboratorial diagnosis of bacillary dysentery in 24 hours (1927)

Developed a new device used for bloodletting in great animals

Novo aparelho para sangria de grandes animais. Arq. Inst. Biol. 2:137-40, 1929

With J. Toledo de Mello. Novo methodo para pesquisa do hydrogenio sulfurado nas culturas bacterianas. Annaes Fac. Med. S. Paulo 8(2):93-100, 1932

Created a conservation method for staining fluids (1936)

Proposed an economic method of marking Guinea pigs and rabbits (1937)

With A. Trejos. Influence of pyocyanine on staphylocoagulase with a method for determining pyocyanine. Bras. Med. 59:169, 1945

With M.T. de Mello. A urease test for the differentiation of *Brucella suis*. J. Bacteriol. 59:689-91, 1950

With C. Rodrigues modified Rothberger culture medium

Modified Barsiekow culture medium

Developed Pacheco-Mello agar medium

## DESCRIBED TAXA

### Helminths

Genus *Chiostichorchis* 1932 with Artigas

*Chiostichorchis myopotami* 1932 with Artigas

*Dipetalonema travassosi* 1933 with Artigas

*Pudica maldonadoi* 1933 with Artigas

#### **Bacteria**

*Actinobacillus psittacosis* 1934

*Brucella evansi* 1933

*Proteus americanus* 1928

*Salmonella nocardii* 1931

*Shigella hissrusselli* 1930 with Rodrigues

#### **Protozoa**

*Trypanosoma myocastori* 1934 with Artigas

# George Alexandre dos Reis

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

George Alexandre dos Reis, Brazilian immunologist (05 November 1953 – Rio de Janeiro 07 April 2019)

Showed the macrophage role in T lymphocytes-induced streptococcal carditis lesions

With M.A. Barcinski. Role of macrophage-dependent determinant selection in the induction phase of streptococcal carditis. *Lancet* 8198 (2):777-9, 1980

With M. Gaspar & M.A. Barcinski. Immune recognition in the streptococcal carditis of mice. The role of macrophages in the generation of heart-reactive lymphocytes. *J. Immunol.* 128:1514-21, 1982

First to demonstrate that self immunological tolerance is determined by histocompatibility genes

With E.M. Shevach. Antigen-presenting cells from non-responder strain 2 guinea pigs are fully competent to present bovine insulin  $\beta$ -chain to responder strain 13 T cells: evidence against a determinant selection model and in favor of a clonal deletion model of immune response gene function. *J. Exp. Med.* 157:1287-99, 1983

Authored one of the first analysis of cyclosporin-propelled suppression mechanism

With E.M. Shevach. Effect of cyclosporin A on T cell function in vitro: the mechanism of suppression of the T cell stimulus as well as differentiation state of the responding T cell. *J. Immunol.* 129:2360-7, 1982

With E.M. Shevach. Cyclosporin A treated guinea pig responder cells secrete a genetically restricted factor which suppresses the mixed leukocyte reaction. *J. Clin. Invest.* 71:165-9, 1983

Studied the relation between antigenic memory and autoreactivity of MHC in T cells emulating thymic positive selection

With M.E. Shevach. The syngeneic mixed leukocyte reaction represents polyclonal activation of antigen-specific T lymphocytes with receptors for self Ia antigens. *J. Immunol.* 127:2456-60, 1981

With M.E. Shevach. Analysis of autoreactive, I Region-restricted cells colonies isolated from the syngeneic mixed leukocyte reaction and from conventional antigen responses. *Europ. J. Immunol.* 15:466-72, 1985

Exogenous antigen control of autoreactive T cell MHC specificity. *Immunol. Today* 15:597-8, 1994

With M.E. Shevach. Peripheral T cell self-reactivity and immunological memory. *Immunol. Today* 19(12):587-8, 1998

First description of apoptosis in a parasite disease

With M.F. Lopes, V. Veiga, A. Santos & M.E. F. Fonseca. Activation-induced CD4<sup>+</sup> T cell death by apoptosis in experimental Chagas disease. *J. Immunol.* 154:744-52, 1995

With C.G. Freire de Lima, M.P. Nunes, M. Soares, S. Corte Real, J. Previato & L. Mendonça Previato. Pro-apoptotic activity of a *Trypanosoma cruzi* ceramide-containing glycolipid turned on in host macrophages by interferon gamma. *J. Immunol.* 161(9):4909-16, 1998

Showed the relevant role that CTLA-4 plays in kalazar immunosuppression

With N.A. Gomes, V. Barreto de Souza & M.E. Wilson. Unresponsive CD4<sup>+</sup> T lymphocytes from *Leishmania chagasi* infected mice increase cytokine production and mediate parasite killing after blockade of B7-1 / CTLA-4 molecular pathway. *J. Infect. Dis.* 178(6):1847-51, 1998

With C.G. Freire de Lima, D.O. Nascimento, M. Soares, F. De Mello, P.T. Bozza, H.C. Castro Faria Neto & M.F. Lopes. Uptake of apoptotic cells drives the growth of a pathogenic trypanosome in macrophages. *Nature* 403:199-203, 2000



# George Alfredo Seiglie

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

George Alfredo Seiglie Aguayo, Puerto Rican/Cuban micropaleontologist (La Habana Province 26 February 1926 – Texas, USA 26 July 1988)

Authored over 100 articles

## DESCRIBED FOSSIL FORAMINIFERA TAXA

### Families

Alveovalvulinidae 1986 with Fleisher & Baker

Buliminoididae 1970

Duquepsammidae 1987

Ponceamminidae 1991

Ungulatellidae 1964

### Genera & Subgenera

*Altasterella* 1965

*Ammoanita* 1987 with Baker

*Asterigerinita* 1966 with Bermudez

*Asterotrochammina* 1963 with Bermudez

*Ayalaina* 1960

*Bermudezita* 1960

*Biasterigerina* 1965 with Bermudez

*Claudostriatella* 1965 with Bermudez

*Corrugatella* 1965 with Bermudez

*Cycloputeolina* 1977 with Grove

*Discomuralina* 1964

*Duquepsammia* 1987 with Baker

*Eoeponidella* 1965

*Fastigiella* 1965 with Bermudez

*Glabratellina* 1965 with Bermudez

*Glaucoammina* 1969 with Bermudez

*Heronallenita* 1965 with Bermudez

*Longiapertina* 1966 with Bermudez

*Miosorites* 1977 with Grove

*Neoglabratella* 1965 with Bermudez

*Neopateoris* 1963 with Bermudez

*Nubeculinita* 1964

*Orectostomina* 1965

*Pannellaina* 1976 with Bermudez

*Parasorites* 1977 with Rivera

*Parkiella* 1993 with Haman & Baker

*Pavopsammia* 1983 with Baker

*Planoglabratella* 1965 with Bermudez

*Polysiphoperocha* 1964

*Polystomammina* 1965

*Ponceammina* 1991

*Rectomassilina* 1964

*Reichelinella* 1966 with Bermudez

*Riveroinella* 1967 with Bermudez

*Rugidia* 1965

*Sidebottomina* 1964

*Sigmollinita* 1965

*Siphonidia* 1965

*Spiropsammia* 1983 with Baker

*Stebloides* 1963

*Tetrataxiella* 1964

*Ungulatelloides* 1964

*Yaucorotalia* 1972

## **HONORS**

*Seiglieina* Sellier de Civrieux 1991 (Fossil Foraminifera)

# George Thorncroft

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

George Thorncroft, English-born South African botanist and merchant (Tunbridge Wells, Kent 22 May 1857 – Barberton, Transvaal 18 July 1934)

Collected seeds of wild flowers and botanical specimens

Corresponded with people and institutions all over the world

Founding Member of Botanical Gardens at Durban

## SOME BIBLIOGRAPHY

*Gerbera jamesonii* Bolus – The Barberton Daisy. South African J. Science 30:237, 1933

Tree *Euphorbias*. Gardener's Chronicle (1932)

## HONORS

*Thorncroftia* N.E. Brown 1912 (Lamiaceae)

# George Thottapilly

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

George Thottapilly, Indian / Nigerian plant geneticist and virologist (India 22 April 1941 – Nigeria 23 April 2012)

## DESCRIBED NEW PLANT VIRUSES

With W.P. Qiu, J.S. Batten, J.N. Hughes & K-B. G. Scholthof. A new virus of maize in Nigeria: mild maize mottle virus. Plant Disease 83:302, 1999

With J.M. W. Van Lent, H.W. Rossel & O.P. Sehgal. *Rottboellia* yellow mottle virus, a new sobemovirus affecting *Rottboellia cochinchinensis* (itch grass) in Nigeria. Ann. Appl. Biol. 120:405-15, 1992

Untersuchungen über die beziehungen zwischen dem Erbsen Blattrollvirus und seinen vektoren sowie über ein neues pilz-und blattusüber tragbaresvirus der Erbse. Giessen (1968)

# Georges Van Son

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Georges Van Son, Russian-born South-African entomologist and horticulturalist (Narishkino, Orel 19 September 1898 – Pretoria 29 May 1967)

From Dutch father and Russian mother

## DESCRIBED LEPIDOPTERA TAXA

### Genera

*Cassionympha* 1955

*Coenyropsis* 1958

*Dingana* 1955

*Durbaniella* 1959

*Durbaniopsis* 1959

*Mashuna* 1955

*Metanola* 1933

*Neita* 1955

*Nolidia* 1933

*Paralethe* 1955

*Paranola* 1933

*Stigionympha* 1955

*Vandamia* 1933

*Yphimomorpha* 1955

### Species

About 150

## HONORS

*Vanstaronia* Kammerer 2006 (Coleoptera)

*Vansonium* Koch 1950 (Coleoptera)

*Vansoniacris* Dirsh 1958 (Orthoptera)

# Geraldo Queiroga

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Geraldo Queiroga, Brazilian ophthalmologist (Belo Horizonte 22 March 1913 – Belo Horizonte 01 March 1976)

Nephew of ophthalmologist Hilton Rocha

New surgical technique for glaucoma (Irido-sclerecto-cyclodialysis), combining cyclodialysis, Foroni'sclerectomy and iridectomy

Irido-esclerecto-ciclodialisis. Doctoral Thesis (1939)

Photography of the fundus of the eye: simplified method. Rev. Bras. Oftalm. 18:205-10, 1959

Retinal photography and ophthalmoscopy combined in one instrument. Am. J. Ophthalm. 49(6):1403-6, 1960

Slit-lamp ophthalmoscope. Am. J. Ophthalm. 62(1):161-3, 1966

## OTHER CONTRIBUTIONS

Eletroretinograma: suas possibilidades clínicas (1953)

Lampe à gente et photographie. Ophthalmologica 140:129, 1960

Electroretinography, its clinical possibilities. Arq. Bras. Oftalmol. 30:303-10, 1967

Possibilidades de um tonômetro óptico

## PATENTS

An integrated device for intuitively observing and photographing the background of the eyes ES223112A1 (1955)

Dispositif combiné permettant d'observer et de photographier le fond de l'oeil FR1110040A (1954)

# Geraldo Vicentini

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Geraldo Vicentini, Brazilian chemist (São Paulo 04 April 1928 – São Paulo 08 February 2003)

Gained international recognition on Coordination chemistry of lanthanides

Published 286 papers (186 in indexed reviews), 358 communications in meetings and circa 1,300 citations

## METHODS

With A.K. Kontturi, K. Kontturi, J. Mattos, L.B. Zinner, F. Lehrich, C.J. Nielsen, D.L. Powell & M. Traetteberg. Determination of effective charge numbers for a polydisperse polyelectrolyte. An improvement which shortens the measuring time. *Acta Chem. Scandinavica* (1988)

With H. Rheinbolt. Eine allgemeine methode zur Darstellung organischer Telluride. I. Mitteilungen: Symmetrische und unsymmetrische Diaryl-Telluride. *Chem. Ber.* 89(3):624-31, 1956

## COMPOUNDS

With J.D. Ayala, G. Bombieri & A. Pra. Synthesis and crystal structure of a new polynuclear lanthanum picrate complex with trans-1,4-dithiane-1,4-dioxide. *Inorg. Chim. Acta* 274:236-8, 1997

With J.D. Ayala & G. Bombieri. Scandium picrate complex with trans-1,4-dithiane-1,4-dioxide (1995)

# Gerardo Ocfemia

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gerardo Offemaria Ocfemia, Philippine plant pathologist (Guinobatan, Albay 23 April 1891 – Pasay City 16 November 1959)

Studied the cause of bunchy-top of abaca or Manila hemp and its method of transmission (1930)

Designed insect-proof chambers (1931)

Proposed an insect as vector of the Fiji disease of sugar cane (1932)

Proposed that cadang-cadang disease of coconut is a virus disease (1937)



# Gerardo Vaca Guzmán

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gerardo Vaca Guzmán Moyano, Bolivian chemist and physician (Chuquisaca, Sucre 03 October 1849 – Tarija 17 August 1915)

Invented a new procedure for extraction of silver from minerals

Invented a procedure for treatment of argentiferous minerals with high content of lead and zinc employing precipitation (patented in USA)

Other inventions about the use of argentiferous minerals involved the metallurgical techniques of silver

Performed chemical and therapeutical analysis of Bolivian medicinal plants

Descripción del procedimiento de extracción de la sacarida contenida en la semila del molle (Description of extraction procedure of saccharide from *Schinus molle* seed)

Developed a special diastase for production of maize chicha (a corn drink)

# Gerardo Varela

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gerardo Ignacio Varela Mariscal, Mexican bacteriologist (Oaxaca 03 October 1898 – Ciudad de Mexico 1977)

Prepared a vaccine against typhus (1933)

Discovered that colibacilli with *Salmonella* antigens were associated with diarrheal episodes in children leading to the identification of *E. coli* enteropathogens (first colibacillus known)

With A. Aguirre & J. Carrillo. *Escherichia-coli gomezi*, nueva especie aislada de un caso mortal de diarrea. Bol. Med. Hosp. Infantil 54:623-6, 1946

With A. Arroyo Borstein. First demonstration of the natural existence of *Salmonella* in donkeys. Rev. Invest. Salud Publica 26(3):201-4, 1966

Demonstrated that trench fever is transmitted by the body louse and caused by the bacterium *Rickettsia quintana*

With C. Molina Pasquel & J.W. Vinson. Trench fever II. Propagation of *Rickettsia quintana* on cell-free medium from the blood of two patients. Am. J. Trop. Med. Hyg. 18:708-12, 1969

With J.W. Vinson & C. Molina Pasquel. Trench fever III. Induction of clinical disease in volunteers inoculated with *Rickettsia quintana* propagated on blood agar. Am. J. Trop. Med. Hyg. 18:713-22, 1969

## DESCRIBED

A number of bacilli

With J. Zozaya described 3 new serotypes of *Salmonella*

*Salmonella mexicana* 1942 with J. Zozaya & J. Olarte

*Serratia indoligena* (1941) with J. Zozaya

*Aerobacter amigdalina* 1943 with Olarte & Zozaya

## Papers in top journals

With U.S. Kuhn, F.W. Chandler & G.G. Osuna. Experimental pinta in the chimpanzee. JAMA 206(4):829, 1968

With C. Ortiz Mariotte & R. Silva. Complement fixation in rat's blood sera. Science 104(2700):303, 1946

With J. Olarte. Transmission of *Salmonella enteritidis* by *Pulex irritans* and *Ctenocephalus canis*. Science 104(2692):104-5, 1946

With J. Olarte. *Salmonella* isolated from human mesenteric lymph nodes. Science 99(2577):407-8, 1944

## METHODS

With R. Fournier Villada & H. Mooser. Nuevo tratamiento para la expulsión de los tricocefalos. Pediat. Asmericas 2:640, 1944

With J. Olarte. Methods for the isolation and classification of *Salmonella* and *Shigella* from fecal matter. Medicina 30(612):385-7, 1950

Tecnica para el estudio bacteriologico de las intoxicaciones de origen alimenticio (1951)

With M.L. Zarate Aquino. Differentiation between classical and murine typhus by Giroud's microagglutination. Medicina 44:297-9, 1964

With M.A. Bravo-Becherelle & R. Velasco. New method for the destruction of *Pediculus humanus*. Study on the ingestion of phenylbutazone in humans and rabbits. Salud Publ. Mex. 7(2):183-7, 1965

With M.E. Bustamante developed serological techniques for identification

# Gerhard Sohnge

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Adolf Paul Gerhard Söhnge, South African geologist (Saron, Tulbagh District, Western Cape Province 10 November 1913 – 14 July 2006)

From German parents

## DESCRIBED MINERAL SPECIES

With H. Strunz & B.H. Geier. Stottit, ein neues mineral-germanium, und seine paragenese in Tsumeb. Neues Jahr. Miner. Monats. (1958)

## SOME BIBLIOGRAPHY

With J.N. Theron. Table Mountain: geology and erosional development of a unique coastal mountain range (1994)

With C.J.B. Dreyer. Crocidolite and amosite deposits of the Republics of South Africa and Bophuthatswana. Geol. Survey Pretoria (1992)

Tsumeb: a historical sketch (1967)

With T.W. Gevers. Geology along the northwestern margin of the Khomas Highlands between Otjimbingwe-Karibib and Okahandja, South West Africa. Trans. Proceed. Geol. Soc. South Africa 66:199-58, 1963

With J. de Villiers. The Geology of Richtersveld. Geol. Survey Memoir 48 (1959)

The environment of copper deposits in South West Africa. CCTA Publ. 44:231-48, 1958

Pipe-like massive-sulphide ore body appears to fill volcanic pipe in depth. Mining World 14:22-5, 1952

Paragenesis of the Khan pegmatite, South West Africa. Trans. Geol. Soc. S. Afr. 42:23-34, 1939

With D.J. Visser & C. Van Riet Lowe. The geology and Archaeology of the Vaal River Basin. Geol. Memoir Govt. Pretoria 35 (1937)

## HONORS

Sohngeite Strunz 1965 (Mineral)

# Germano Rodrigo Quast

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Germano Rodrigo Quast, Brazilian astrophysicist (Santa Catarina State 1942 –

Found a new young stellar association calling it All Sky Young Association and developed a method to find young associations and to define their high probability members

With C.A.O. Torres & D. Montes. The All Sky Young Association (ASYA): a new young association. *Proceed. Intern. Astron. Union* 10 (S314), 2015

With C.A.P.C.O. Torres, C.H.F. Melo, M. Sterzik, J.R. de la Reza & L. da Silva. A method to search for associations of young stars (2003)

With R. de la Reza, C.A.P.C.O. Torres, L. da Silva & E. Jilinski discovered Pisces Association (2001)

With C.A.P.C.O. Torres, J. de la Reza, L.L. da Silva & N.A. Drake discovered The Extended RcrA Young association (2001)

With C.A.P.C.O. Torres, R. de la Reza, L.L. da Silva & C.H.F. Melo discovered the Great Austral Nearby Young Association (2001)

With C.A.P.C.O. Torres, L. da Silva, R. de la Reza & E. Jilinski. A new association of Post-T Tauri stars near the Sun. *Astron. J.* 120:1410-25, 2000 (Horologium association)

With R. Coziol, C.A.P.C.O. Torres, T. Contini & E. Davoust. The PDS starburst galaxies (1998) (discovered Pico dos Dias Survey (PDS) starburst galaxies)

With C.A.O. Torres, R. Coziol, F.J. Jablonski, R. de la Reza, J.R.D. Lepine & J. Gregorio Hetem. Discovery of a luminous quasar in the nearby universe. *Astrophys. J.* 488(1):L19-22, 1997

With J. Gregorio-Hetem, J.R.D. Lepine, C.A.P.C.O. Torres & R. de la Reza. Search for T Tauri stars based on the IRAS point source catalog II. *Astron. J.* 103(2):549-63, 1992 (detected 33 new T Tauri stars and a number of other interesting objects)

With J.R. de la Reza, C.A.P.C.O. Torres, G.L. Vieira & B.V. Castilho. Discovery of new isolated T Tauri stars. *Astrophys. J.* 343:L61-4, 1989 (TWHya Association)

With J. Bohigas, L. Carrasco & C.A.P.C.O. Torres. Rotational braking of late-type main sequence stars. *Astron. Astrophys.* 157:278-92, 1986 (presented a model for the angular momentum loss of late type main sequence stars)

With I.C. Busko & C.A.P.C.O. Torres. A new Southern flare star: CPD722640. *Inform. Bull. Variable Stars* 939:1, 1974

With C.A.P.C.O. Torres & S. Ferraz-Mello. HD197481 – a periodic dME variable star. *Astrophys. Lett.* 11:13-4, 1972

# Gert Cornelius Nel

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gert Cornelius Nel, South African botanist (Greytown, Natal Province 06 April 1885 – Stellenbosch 16 February 1950)

## DESCRIBED PLANTAE TAXA

### Valid Genus

*Rhodohypoxis* 1914 (Hypoxidaceae)

### Species

106

## HONORS

*Nelia* Schwantes 1928 (Aizoaceae)

# Ghavameddin Scharif

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ghavameddin Scharif (Charif), Iranian botanist, mycologist and plant pathologist (fl.1947-71)

## DESCRIBED NEW SPECIES

**Plantae** (with Aellen)

*Anabasis calcarea* 1952

*Cornulaca leucacantha* 1950

*Horaninovia aptera* 1950

*Horaninovia platyptera* 1950

**Fungi**

*Cercoseptoria cydoniae* 1959

*Coniothyrium ochradeni* 1957 with Petrak

*Coniothyrium salvadorae* 1957 with Petrak

*Sclerotium intestinum* 1956 with Petrak

**Bacteria**

*Corynebacterium iranicum* 1961

## HONORS

*Scharifia* Petrak 1955 (Fungi)

# Gilberto Cezar Pavanelli

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gilberto Cezar Pavanelli, Brazilian fish parasitologist (Londrina, Paraná State 22 April 1948 –

## DESCRIBED NEW FISH PARASITES

### Helminths

#### Genera

*Brooksiella* 1999 with Rego & Chubb

*Cangatiella* 1991 with Santos

*Chambriella* 1999 with Rego & Chubb

*Jauella* 1985 with Rego

*Nupelia* 1991 with Rego

*Paramonticellia* 1991 with Rego

*Pseudovancleaveus* 2003 with Franca, Isaac & Takemoto

*Travassella* 1987 with Rego

#### Species

*Cangatiella arandasi* 1991 with Santos

*Chambriella agostinhoi* 1992 with Santos

*Chambriella paranaensis* 1989 with Rego

*Cucullanus tucunarensis* 2013 with Lacerda, Takemoto, Marchiori & Martins

*Dadayius pacupeva* 2003 with Lacerda & Takemoto

*Dadayius puruensis* 2011 with Lopes, Karling, Takemoto, Rossoni & Ferreira

*Demidospermus labrosi* 2003 with Franca, Isaac & Takemoto

*Demidospermus mandi* 2003 with Franca, Isaac & Takemoto

*Demidospermus osteomystax* 2010 with Tavernari, Takemoto & Lacerda

*Demidospermus paranaensis* 2010 with Ferrari-Hoeinghaus, Bellay & Takemoto

*Goezeella nupeliensis* 1991 with Rego

*Jainus piava* 2011 with Karling, Bellay & Takemoto

*Jauella glandicephalus* 1985 with Rego

*Kritskyia annakohnae* 2001 with Boeger & Tanaka

*Kritskyia boegeri* 2002 with Takemoto & Lizama

*Kritskyia eirasi* 2003 with Guidelli & Takemoto

*Magnivitellum corvitellinum* 2009 with Lacerda & Takemoto

*Megathylacus brooksi* 1985 with Rego

*Megathylacus travassosi* 1992 with Rego

*Monticellia belavistensis* 1994 with Machado, Takemoto & Santos

*Monticellia loyolai* 1992 with Rego

*Neoechinorhynchus pimelodi* 1998 with Brasil Sato

*Nomimoscolex chubbi* 1995 with Takemoto

*Nomimoscolex matogrossensis* 1990 with Rego

*Nomimoscolex pertierae* 2006 with Chambrier & Takemoto

*Nomimoscolex portoriquensis* 1991 with Rego

*Paramonticellia itapuensis* 1991 with Rego

*Proteocephalus gibsoni* 1992 with Rego

*Proteocephalus ocellatus* 1990 with Rego

*Proteocephalus serrasalmus* 1990 with Rego

*Proteocephalus vazzoleræ* 1995 with Takemoto

*Pseudovancleaveus paranaensis* 2003 with Franca, Isaac & Takemoto

*Rhinoxenus bulbovaginatus* 1995 with Boeger & Domingues

*Sanguinicola platyrhynchi* 2002 with Guidelli & Isaac

*Sciadicleithrum frequens* 2008 with Bellay, Takemoto & Yamada  
*Sciadicleithrum joanae* 2010 with Yamada, Takemoto & Bellay  
*Sciadicleithrum kritskyi* 2009 with Bellay, Takemoto & Yamada  
*Sciadicleithrum paranaensis* 2009 with Bellay, Takemoto & Yamada  
*Sciadicleithrum satanopercae* 2009 with Yamada, Takemoto & Bellay  
*Spasskyellina mandi* 1996 with Takemoto  
*Spatulifer glandicephala* 1985 with Rego  
*Spatulifer maringaensis* 1989 with Rego  
*Spatulifer nupeliensis* 1991 with Rego  
*Spatulifer paranensis* 1989 with Rego  
*Tereancistrum curimba* 2004 with Lizama & Takemoto  
*Tereancistrum paranaensis* 2014 with Karling, Lopes & Takemoto  
*Tereancistrum toksonum* 2004 with Lizama & Takemoto  
*TravassIELla avitellina* 1987 with Rego  
*Trinibaculum rotundus* 2011 with Karling, Lopes & Takemoto

## **Protozoa**

### **Species**

*Henneguya caudicula* 2008 with Eiras & Takemoto  
*Henneguya corruscans* 2009 with Eiras & Takemoto  
*Henneguya paranaensis* 2004 with Eiras & Takemoto  
*Henneguya schizodon* 2004 with Eiras, Malta & Varela  
*Myxobolus insignis* 2005 with Eiras, Malta & Varela  
*Trypanosoma guairaensis* 1989 with Eiras & Rego  
*Trypanosoma nupelianus* 1990 with Eiras & Rego  
*Trypanosoma scrofa* 1989 with Eiras

## **HONORS**

*Pavanelliella* Kritsky & Boeger 1989 (Monogenea)



# Gilberto Guimarães Villela

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gilberto Guimarães Villela, Brazilian biochemist and microbiologist (Lavras, Minas Gerais State 12 July 1904 – Rio de Janeiro 17 July 1977)

Discovered the activation of liver xanthine oxidase with carbon tetrachloride

With A.M. Calcagnotto. Studies on the toxicity and absorption of a new chelate of aluminium and calcium. Rev. Bras. Pesq. Med. Biol. 6(3-4):165-9, 1973

Proposed a new interpretation of oedema formation in hookworm anemia in Mem. Inst. Oswaldo Cruz 6:55, 1929

## DEVELOPED NEW TECHNIQUES/METHODS

With M. Bacila. A rapid and sensitive method for the determination of xanthine oxidase activity using the oxygen electrode. Nature 184 (Suppl. 18):1394-5, 1959

A colorimetric method for assaying xanthine dehydrogenase activity

Determination of rat liver xanthine dehydrogenase by triphenyltetrazolium chloride. Rev. Bras. Biol. 14:455-8, 1954

With A. Cury. A microbiological assay method for biotin. Proc. Soc. Exp. Biol. Med. 76(2):341-3, 1951

A new technique for isolation of the snake erythrocyte nuclei using tyrothricin

Isolation and properties of snake erythrocyte nuclei. Exp. Biol. Med. 66(2):398-400, 1947

Um novo “test” ponderal para avaliação da atividade do hormônio cortical. Mem. Inst. Oswaldo Cruz 38(2):173-6, 1943

A technique for isolation of active protein fraction of lepromine

Sur la fraction active de l'antigène de Mitsuda. Bull. Soc. Franc. Dermat. Syph. p.46, 1939

With A.M. Leal. A new color reaction of vitamin B (thiamin, aneurin). Science 90 (2330):179, 1939

With Aluisio M. Leal. Determinação da vitamina B1 por meio de uma nova reação corada. Acta Medica 3(3):141-5, 1939

Técnica simples e precisa para dosagem dos protídeos totais no plasma. O Hospital 8:5, 1936

Micro-extractor para dosagem do colesterol no sangue. Mem. Inst. Oswaldo Cruz 27(1):17-20, 1933

With M.I. de Mello. Um novo test para a avaliação da atividade biológica do princípio antianemico do fígado

A method for determination of dehydrogenase activity

Gilberto Villela technique for determination of urinary ascorbic acid rate (a modification of Harris-ray method)

Villela reaction for determination of nicotinamide in blood

## Papers in top journals

### Nature

With R.R. Abreu & L.A. Abreu. Mucoids of some micro-organisms. Nature 196:582, 1962

With O.R. Affonso & E. Mitidieri. Effect of colchicine on rat blood serum xanthine oxidase. *Nature* 193:64, 1962

With O.R. Affonso & E. Mitidieri. Effect of colchicine on rat liver xanthine oxidase. *Nature* 192:666-7, 1961

Quinine oxidase in liver and blood plasma of rabbits poisoned with carbon tetrachloride. *Nature* 190:807-8, 1961

With M. Bacila. A rapid and sensitive method for the determination of xanthine oxidase activity using the oxygen electrode. *Nature* 184 (Suppl 18):1394-5, 1959

With O.R. Affonso, E. Mitidieri & L.P. Ribeiro. Detection of xanthine dehydrogenase activity in soluble proteins of rat liver separated by paper electrophoresis. *Nature* 178 (4531):492-3, 1956

Carotenoids of some Brazilian freshwater gastropods of the genus *Pomacea*. *Nature* 178 (4524):93, 1956

With E. Mitidieri & O.R. Affonso. Intracellular distribution of xanthine oxidase in the rat liver. *Nature* 175 (4468):1087, 1955

With E. Mitidieri. Rat liver xanthine oxidase in carbon tetrachloride poisoning. *Nature* 175 (4448):208-9, 1955

Ribonucleic acid in snake erythrocyte nuclei. *Nature* 164 (4172):667, 1949

## Science

With A. Cury. On the pigments of *Allescheria boydii*. *Science* 112 (2911):430-1, 1950

With H.H. Anderson, E.L. Hansen & R.K. Reed. Some physical and biologic proteins of subtilin and other antibiotics. *Science* 103 (2675):419-20, 1946

Vitamin C in the needles of some conifers. *Science* 99 (2563):125, 1944

With A.M. Leal. A new color reaction of vitamin B1 (thiamin, neurin). *Science* 90 (2330):179, 1939

Vitamin B1 in cerebrospinal fluid. *Science* 89 (2307):251, 1939

# Gilberto Righi

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gilberto Righi, Brazilian invertebrate zoologist (São Paulo 01 January 1937 – São Paulo 26 February 1999)

## DESCRIBED NEW TAXA

### Oligochaeta

#### Families

Narapidae 1993 with Varela

Tumakidae 1996

#### Genera

*Aicodrilus* 1971

*Alexidrilus* 1971

*Amazo* 1976 with Ayres & Bittencourt

*Amazonidrilus* 1993

*Areco* 1978 with Ayres & Bittencourt

*Assudrilus* 1971

*Atatina* 1971

*Bauba* 1980

*Belladrilus* 1984

*Bribri* 1984

*Brunodrilus* 1971

*Chibui* 1985 with Guerra

*Cirodrilus* 1975

*Cotinchytraeus* 1974

*Curacaodrilus* 1979 with Kanner

*Dariodrilus* 1978 with Ayres & Bittencourt

*Exisdrilus* 1978 with Ayres & Bittencourt

*Goiascolex* 1971

*Guamaia* 1975

*Kaketio* 1979 with Kanner

*Lourdesia* 1994

*Maipure* 1996

*Marcusaedrilus* 1979 with Kanner

*Meridrilus* 1993

*Metataxis* 1985

*Narapa* 1993 with Varela

*Opisthocordis* 1984

*Perolofius* 1983 with Nemeth

*Praedrilus* 1971

*Santomesia* 1984

*Tairona* 1984

*Tiguassu* 1978 with Ayres & Bittencourt

*Tonperoge* 1975

*Tuiba* 1976 with Ayres & Bittencourt

*Tumak* 1996

*Tupidrilus* 1974

*Tupinaki* 1996

*Turedrilus* 1993

*Xibaro* 1981

*Zongodrilus* 1996

Species

224

Mollusca

- Acanthochitona brunoi* 1971
- Acanthochitona ciroi* 1971
- Connexochiton moreirai* 1973
- Ischnochiton aidae* 1973
- Ischnochiton kempfi* 1971
- Ischnochiton marcus* 1971
- Lepidochitona montoucheti* 1973
- Leptochiton darioi* 1973
- Lottia marcus* 1966

Crustacea

- Austinia aidae* 1967
- Parthenope aylthi* 1965

Protozoa

- Aikinetocystis pontoscolecis* 1988
- Buetschliella marioninae* 1974
- Haplosporidium guarani* 1974
- Monocystis krin* 1974
- Monocystis octavi* 1974
- Monocystis tupi* 1974
- Rhabdostyla pristinis* 1973
- Rhynchocystis pessoai* 1974

HONORS (Oligochaeta)

- Righiella* Omodeo & Coates 2001
- Righiodrilus* Zicsi 1995

# Gilberto Rodríguez

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Gilberto Domingo Rodríguez Ramírez, Venezuelan hydrobiologist and carcinologist (Caracas 12 May 1929 – Caracas 16 May 2004)

Regarded as one of the world's foremost experts on Neotropical freshwater crustaceans

Authored important works on ecology of estuarine systems

With Humberto Díaz discovered pseudo lungs in crabs of Pseudothelphusidae family (1977)

## DESCRIBED CRUSTACEA TAXA

### Tribe

Strengerianini 1982

### Genera

*Eidocamptophallus* 1989 with Hobbs

*Epithelphusa* 1972 with Smalley

*Lobithelphusa* 1982

*Martiana* 1980

*Odontothelphusa* 1982

*Oedothelphusa* 1980

*Orthothelphusa* 1980

*Prionothelphusa* 1980

*Tehuana* 1972 with Smalley

### Species/Subspecies

82

### Plantae

### Species

*Heliconia aurea* 1954

*Heliconia nanna* 1954

*Heliconia schaeferiana* 1954

## HONORS (Crustacea)

*Rodriguezus* Campos & Magalhães 2005

Subgenus *Rodriguezia* Bott 1969

# Gilson Gomes Vieira

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gilson Gomes Vieira, Brazilian astronomer (1940 –

Discovered new asteroids

With L.E. Machado, E.R. Netto, J.F. Caldeira & H. Debehogne. Posições astrométricas de asteroides identificados em fevereiro e março de 1981 no observatório europeu Austral, La Silla, Chile. Anu. Inst. Geocienc. 4:1-19, 1980 (5)

With L.E. Machado, E.R. Netto, J.F. Caldeira & H. Debehogne. Descoberta de elementos orbitais dos asteroides 1979 HB, 1979 P e 1979 YP. Bol. Soc. Astron. Bras. 4(2):8, 1981

With L.E. Machado, E.R. Netto, J.F. Caldeira & H. Debehogne. 363 precise positions of asteroids. Rev. Mex. Astron. Astrof. 8:19-27, 1983 (5)

With L.E. Machado, E.R. Netto, J.F. Caldeira & H. Debehogne. Observed Asteroids at the GPO La Silla Chile 1983 Sep. Rev. Mex. Astron. Astrof. 11:43, 1985 (9)

With H. Debehogne. Astrometric positions of minor planets in February 1984. Six discoveries, ESO, La Silla, Chile. Acta Astronomica 35(3-4):453, 1985 (6)

With L.E. Machado, E.R. Netto, J.F. Caldeira, S. Vaz & H. Debehogne. 262 Positions of Asteroids and their dependences. ESO, La Silla, Chile, February 10-25, 1985. Rev. Mex. Astron. Astrof. 13:161, 1986 (6)

## HONORS

Asteroid 2814 Vieira

# Ging-hsi Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ging-hsi Wang or Ching-hsi Wang, Chinese neurophysiologist (Tsinan, Shantung 07 July 1897 – 1968)

Discovered a circumscribed area on the gyrus compositus posterior of cat which could induce constriction of both pupils (1931), described several years later by Barris

With Bartley presented evidence to show that the latent period of the cortical potential varies according to that of the retinal potential (1934)

With Bartley and independently from Kornmuller and Fischer first to describe the action potentials in the superior colliculus produced by light stimulation of the retina (1934-7)

# Giorgio Schreiber

June 29, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Giorgio Schreiber, Italian-born Jewish Brazilian cytologist and geneticist (Trieste 19 February 1905 – Belo Horizonte 01 January 1977)

Twin brother of Italian zoologist and hydrobiologist Bruno Schreiber

Authored 216 works

Known internationally for his studies on quantitative cytogenetics, cytochemistry and caryometry

Proposed the existence of an intermediate phase in the nuclear volume doubling that called it sesquiphase

Le grandezze nucleari nella spermatogenesi. La “sesquifase” nella intercinesi spermatogoniale. Atti R. Accad. Lincei R.C. Cl. Fis. Mat. Nat. Ser 8A 2t:843-7, 1947

Proposed the term elaxis for a proportional and discontinuous reduction of nuclear size during ontogenesis (1943)

Clarified the phenomenon of neoteny in *Proteus* sp.

With H.C. Carvalho & E. Paulini. Preliminary report on research towards the development of a standard test for insecticide-resistance and susceptibility in *Drosophila*. Bull. World Health Org. 24:664–8, 1961

First to verify that maternal and paternal spermatogenesis in ophidians don't occur simultaneously

Introduced the concept of ploido-megetic ratio, a DNA/nuclear volume ratio (1965)

Perfected the cytophotometer

## SOME BIBLIOGRAPHY

With T.M.C. Cavenaghi. DNA e volume nuclear em Enteropneusta, Tunicata, Cephalochordata e suas implicações filogenéticas. Bol. Zool. Biol. Mar. Univ. São Paulo (NS) 29(1):119-24, 1972

With F.M.D. Amorim, T.M. Cavenaghi, Z.A. Fallier et al. Significance of the ratio “DNA/nuclear size” in the differentiation of tissues. Genetics 61(1):161-70, 1969

With E.S. Rezende & M.F. Pimentel. Expressão morfoquantitativa da fisiologia nuclear (1969)

With W. Beçak, M.L.Beçak & D. Lavalle. Further studies on polyploid amphibians (Ceratophryidae) 1967

Citologia quantitativa. I. An. Acad. Bras. Ciencias 38(1):137-41, 1966

With H.E. Belluomini, R.F. Mello & A.M. Penha. Cytological and ponderal researches on the testicle of *Crotalus durissus terrificus* during the annual cycle (1966)

With Y.X. Sant'Ana. Relação entre o volume nuclear e DNA nas classes submúltiplas cariométricas de Jacoby. Cienc. Cult. 16(2):179-81, 1964

With A.S. Guedes. Cytological aspects of the taxonomy of anophelines (Subgenus *Nyssorhynchus*). Bull. Wld Health Org. 24:657-8, 1961

With A.S. Guedes. Cytological and ecological researches on Brazilian anophelids. Rev. Bras. Malarial Doenças Trop. 11:97-8, 1959

With I. R. Kaiserman Abramof & R. Rozestraten. Researches on quantitative cytology. XIV. Nuclear and nucleolar sizes in neurosecretory cells. Anais Acad. Bras. Ciencias 30(2):175-205, 1958

With A.S. Guedes & E.M. Amorim. Análise dos cromossomos salivares em anofelinos brasileiros. Rev. Bras. Malariol. Doenças Trop. 9:247-9, 1957

With N.M.B. Melucci, I.R. Kaiserman Abramof & J.M.P. Memória. Researches on quantitative cytology. XIII. Quantitative variations of the nucleolus in secretory cells (1955)

Due meccanismi di variazione “quantica” del nucleolo. Publ. Staz. Zool. Napoli 27:283-94, 1955

With A. Groszman. Biometrical and cytological researches on tissues of inbred and hybrid corn caryopsis (1953)

Análise estatística da variação interfásica do volume nuclear. Thesis (1953)

Variações do volume nuclear e dos ácidos nucleicos durante a interfase (1952)

With J. Pellegrino. Análise citológica e cariométrica da ação da colchicina sobre a espermatogênese dos hemipteros. Mem. Inst. Oswaldo Cruz 49:513-42, 1951

Some basic factors concerning the variability of nuclear size. Anais Acad. Bras. Cien. 22:151-60, 1950

Statistical and physiological studies on the interphasic growth of the nucleus. Biol. Bull. 97(2):187-205, 1949

With R.F. de Melo & C.A. Salvatore. Pesquisas cariométricas no miométrio da camundonga. Anais Acad. Bras. Bras. Ciencias 21(4):267-74, 1949

With J. Pellegrino. Cytogenetical studies on Brazilian Hemiptera. Hereditas (Suppl) 656, 1949

A Terceira divisão e a dimergia na espermatogênese dos ofídios. Gazeta Clin. (S. Paulo) 45(3-4):82, 1947

O crescimento interfásico do núcleo. Pesquisas cariométricas sobre a espermatogênese dos ofídios. Mem. Inst. Butantan 20:113-80, 1947

With C.A. Salvatore. Pesquisas cariométricas no ciclo estral e gravídico. Mem. Inst. Butantan 20, 1947

Pesquisas de citologia quantitativa: o crescimento interfásico das espermatogônias dos ofídios. Rev. Bras. Biol. 6(2):199-209, 1946



Estudo cariométrico dos poliploides de *Coffea* (Discussão do problema e primeiros resultados). *Bragantia* 6(7):279-97, 1946

Discontinuous and proportional decreasing of nuclear size in the liver of tadpole during development and metamorphism. *Anat. Record* 87(4), 1941

Il problema dell'accrescimento interfase e della variazioni volumetriche dei nucleo durante lo sviluppo. *Rend. Accad. Naz. dei Lincei* 3:1-2 & 129-35,

O volume do núcleo durante o desenvolvimento embrionário e a interfase

With A.R. Hoge, H. W. Belluomini & A.M. Penha. Further researches on intersexuality in a highly isolated population of snakes

La cynétique nucléolaire dans la production des protéines cytoplasmiques. *Ann. Histochem.*

# Giovanni (Juan) Ramorino

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan (Giovanni) Ramorino, Italian / Argentine geologist and paleontologist (Genova 1840 – Genova 14 April 1876)

## SOME BIBLIOGRAPHY

Sopra ter piccoli *Chironectes* trovati nel golfo di Genov. Estr. dall' Arch. Per la Zool. 1(2), 1861

Apuntes del curso de mineralogía, dictados en la Universidad de Buenos Aires en el año de 1867

Sopra le caverne di Liguria, e specialmente sopra una recentemente scoperta a Verezzi presso finale. Mem. Acad. Sci. Torino 24(2):277-304, 1868

Memoria sobre la piedra movediza del Tandil

## HONORS

*Ramorinoa* Spegazzini 1924 (Fabaceae)

# Giovanni Onore

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Giovanni Onore, Italian-born Ecuadorian Marianist missionary and entomologist (Costigliole d'Asti, Asti Province, Piemonte 20 June 1941 –

## DESCRIBED NEW TAXA

### Coleoptera

#### Species

##### With Gara 1989

*Acrocinus longimanus*

*Deretrachys pellitus*

*Deretrachys villiersi*

*Desmiphora fasciculata*

*Leiopus superstes*

*Oncideres saga*

*Paramallocera ilinizae*

*Parandra galapagoensis*

*Parandra glabra*

*Pyrodes batesi*

*Steiastoma breve*

*Steiastoma melanogenys*

*Stenodontis spinibarbis*

*Teaniotes marmorata*

*Trachyderes hilaris*

*Trachyderes succintus*

##### With Bartolozzi et al.

*Sphaenognathus* (*Chiasognathinus*) *xerophilus* 2006

*Sphaenognathus* (*Sphaenognathus*) *matheusi* 1991 with Bomans

*Sphaenognathus* (*Sphaenognathus*) *sanchezi* 1991 with Bomans

*Syndesus luki* 2011 with Zilioli

### Others

#### Species

*Tunga trimamillata* 2002 with Pampiglione, Trentini, Fioravanti & Rivasi (Siphonaptera)

## HONORS

*Onoralna* Boulard 1996 (Hemiptera)

*Onorecoris* Heiss 2013 (Hemiptera)

*Onoreidium* Vaz de Mello 2008 (Coleoptera)

*Onorelucanus* Bartolozzi & Bomans 1989 (Coleoptera)

*Onoremia* Brailovsky 1995 (Hemiptera)

*Onoreodrilus* Zicsi 1987 (Oligochaeta)

# Gobind Singh Thapar

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gobind Singh Thapar, Indian helminthologist and parasitologist (Rawalpindi, Pakistan 15 November 1893 – 1984)

Established a new classification of Acanthocephala

Discovered the parasites of hump sore and Nazar granuloma of cattle

## DESCRIBED HELMINTH TAXA

### Genera

*Acanthogyrus* 1927 (Acanthocephala)

*Alaeuris* 1925 (Nematoda)

*Caballeroia* 1960 (Digenea)

*Cotylogonoporum* 1934 with Dayal (Trematoda)

*Echinopharynx* 1925 (Nematoda)

*Exorchocoelium* 1956 (Trematoda)

*Farzandia* 1930 (Acanthocephala)

*Gomtia* 1930 (Trematoda)

*Olveria* 1946 with Sinha (Trematoda)

*Paradactylogyrus* 1948 (Trematoda)

*Psilorchis* 1935 with Lal (Trematoda)

*Rhynchotrema* 1933 (Trematoda)

*Tremarhynchus* 1933 (Trematoda)

*Veversia* 1925 (Nematoda)

### Species

*Acanthogyrus acanthogyrus* 1927

*Alaeuris alaeuris* 1925

*Alaeuris iguanae* 1925

*Aprocta cylindrica* 1925

*Astiotrema indica* 1933

*Caballeroia indica* 1960

*Cercaria bukrailensis* 1969

*Cercaria ghailae* 1969

*Cercaria tuticorina* 1964

*Diplostomum indicum* 1967

*Diplostomum nurius* 1968

*Exorchocoelium indicum* 1958

*Gomtia piscicola* 1930

*Helicometra gurnardus* 1934 with Dayal

*Indoplanorbis exustus* 1969

*Kiluluma africana* 1924

*Kiluluma brevicauda* 1925

*Kiluluma brevivaginata* 1925

*Kiluluma cylindrica* 1925

*Kiluluma goodeyi* 1925

*Kiluluma macdonaldi* 1924

*Kiluluma magma* 1924

*Kiluluma pachyderma* 1924

*Kiluluma rhinocerotis* 1924

*Kiluluma solitaria* 1924

*Leurestheticola dollfusi* 1977 with Krishna & Gupta

*Lymnaea acuminata* 1969

*Mehdiella stylosa* 1925

*Monaxine caballeroi* 1977 with Krishna & Gupta

*Monaxine hargisi* 1977 with Krishna & Gupta

*Monaxine hazellei* 1977 with Krishna & Gupta

*Monaxine pseudoscianae* 1977 with Krishna & Gupta

*Olveria indica* 1945 with Sinha

*Ommatobrephus folium* 1929 with Ali

*Paradactylogyrus catlaius* 1948

*Pallisentis ophiocephali* 1931

*Pharyngodon hindlei* 1925

*Podocnematractis ortleppi* 1925

*Psilorchis indicus* 1935 with Lal

*Rhabdochona hospeti* 1950

*Rhabdochona kashmirensis* 1950

*Sphaerostoma orfeum* 1934 with Dayal

*Tremarhynchus indicus* 1933

## **HONORS**

*Thaparea* Johri 1953 (Cestoda)

*Thaparia* Ortlepp 1933 (Nematoda)

*Thapariella* Srivastava 1955 (Trematoda)

*Thaparotrema* Dayal & Gupta 1953 (Trematoda)

*Thaparocleidus* Jain 1952 (Trematoda)

# Gopal Swarup

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gopal Swarup, Indian plant helminthologist (30 May 1928 – 16 July 2011)

## DESCRIBED NEMATODA TAXA

### Genus

*Brevicephalodera* 1988 with Kaushal

### Species

*Bifurcohaptor chauhani* 1984 with Jain

*Bifurcohaptor kulkarnii* 1984 with Jain

*Bifurcohaptor ramalingami* 1984 with Jain

*Bitylenchus vulgaris* 1972 with Upadhyay & Sethi

*Brevicephalodera bamboosi* 1988 with Kaushal

*Brevicephalodera sacchari* 1988 with Kaushal

*Bucephalopsis lateroporus* 1985 with Jain

*Bucephalus stunkardi* 1985 with Jain

*Ditylenchus indicus* 1967 with Sethi

*Divittus chonai* 1968 with Sethi

*Helicotylenchus punicae* 1968 with Sethi

*Heterodera sorghi* 1982 with Jain, Sethi & Srivastava

*Heterodera zae* 1970 with Koshy & Sethi

*Macrorhynchus zae* 1968 with Sethi

*Neocalceostoma microformis* 1968

*Neodolichorhynchus phaseoli* 1968 with Sethi

*Paramazocraes minutum* 1984 with Jain

*Paratrophurus housei* 1964 with Raski & Prasad

*Tylenchorhynchus berberidis* 1968 with Sethi

## HONORS

Gopalus Khan, Jairajpuri & Ahmad 1987 (Nematoda)

# Gopala Krishna Sastri

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

G. Gopala Krishna Sastri, Indian economic geologist (fl.1948-82)

## SOME BIBLIOGRAPHY

With C.S. Sastry. Chemical characteristics and evolution of the laterite profile in Hazaridadar bauxite plateau, Madhya Pradesh., India. Econ. Geol. 77:154-62, 1982

With C.S. Sastry. Physics and chemistry of the hydrothermal system at the Panguna porphyry copper deposit, Bougainville, Papua New Guinea. Econ. Geol. 77(1):127-53, 1982

Some features of the central Indian type bauxite deposits and their bearing on exploration and exploitation (1981)

Note on a chrome and two manganese garnets from India. Mineral. Mag. 33:508-11, 1963

Paragenesis of a cordierite-garnet granulite from Assam, India. Geol. Mag. 100(4):331-6, 1963

Determination of the end-member composition of garnets from their physical properties. Rec. Geol. Surv. India 87(4):757-80, 1962

Report on the investigation of Khandli iron ore deposits, Poonch District, Geol. Surv. Ind. Rep. (1960)

Origin of the desert gypsum in Rajasthan. Rec. Geol. Surv. Ind. 87(4):781-6, 1962

Gypsum resources of India. Bull. Nat. Inst. Sci. Ind. 5:72-4, 1955

With C. Mahadevan. Optically positive cordierite from the khondalites of Pachipenta, Vizapatam district. Ind. Acad. Sci. Proc. 27 Sec A 361-5, 1948

## HONORS

*Sastriipollenites* Venkatachala & Kar 1969 (Fossil Sporae)

# Govind Swarup

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Govind Swarup, Indian radioastronomer (Thakurdwara, Uttar Pradesh State 23 March 1929 – Pune, Maharashtra State 07 September 2020)

Authored over 125 papers and 4 books

## ACHIEVEMENTS

Discovered type U solar radio bursts

Found the first example of a steep spectrum “bridge” of radio emission between the two radio lobes of a radio galaxy (1962)

First provided high-resolution angular data for more than 1000 weak radio sources (1970s)

Discovered a relation between the angular sizes of radio sources and their flux density

Developed a gyro-radiation model for explaining the microwave solar emission

With A. Maxwell. A new spectral characteristic in solar radio emission. *Nature* 181:36-8, 1958

## PATENTS/METHODS/INNOVATIONS

Developed a round trip transmission technique for phase measurements (1959)

Constructed a parabolic-cylindrical radio telescope of a unique and innovative design (1960s)

Produced innovative concepts and designs for radio telescopes

Conceived and headed the design and construction of Giant Metrewave Radio Telescope, the world's largest radio telescope operating the frequency range of about 130-1430 MHz (1984-96)

With V.K. Kapahi. A simple image forming technique suitable for multifrequency observations of solar radio bursts. *Solar Physics* 14:404-13, 1970

A fixed mirror line focus solar concentrator (patent)

A preloaded parabolic dish antenna and method of designing it (patent)

## HONOURS

Tsiolkovsky Medal, Federation of Cosmonautics, USSR (1987)

Delinger Gold Medal, International Union of Radio Sciences (1990)

Herschel Medal, Royal Astronomical Society (2005)

Grote Reber Medal, Australia (2007)



# Gregorio Zara

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gregorio Ynciong Zara, Philippine engineer and inventor (Lipa, Batangas 12 March 1902 – 15 October 1978)

Discovered kinetic electrical resistance or Zara effect

## **INVENTIONS (about 30 devices and equipments; incomplete)**

An earth magnetic and induction compass (1929)

Two-way television telephone or videophone (1955)

An airplane engine that employed industrial alcohol as fuel (1952)

A semi-automatic propeller-cutting machine (1952)

A sun stove

A solar battery (1960s)

Drinking glass vapor chamber to visualize radioactive elements (1962)

Thermo solar energy machine (1961)

A wooden microscope with a collapsible stage

New designs for a house solar water heater (SolarSorber)

A functional robot

Wooden aircraft propellers (1963)

# Guangchi Tu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guangchi Tu or Kuang Zhi Tu, Chinese geochemist (Beijing 14 February 1920 – Beijing 31 July 2007)

Proposed the term REE iron formation to specify a special type of Precambrian iron formation rich in REE

With H.L. Li & S.S. Yin. Zinco botryogen and zinco copiapite. Two new varieties of sulfate minerals. *Int. Geol. Rev.* 10(8):917, 1968

## SOME BIBLIOGRAPHY

With Y.Q. Zhang, Z.H. Zhao & Z.G. Wang. Characteristics and evolution of granitoids of South Xizang. *Geochimica* 10(1):1-7, 1981

With Y.Q. Zhang & Z.G. Wang. Geochemistry of granite in southern of Tibet. Science Technology Press 1-190, 1982

Petrogenesis and mineralization of granitoids (1992)

With Y.Z. Zhon, E.H. Chown, J. Guha & H.Z. Lu. Petrologic and geochemical characteristics and origin of Gusuicherts, Guandong Province, China. *Chin. J. Geochem.* 13(2):118-31, 1994

With R. Ye, Z.S. Ma & L.S. Zhao. The surface micromorphology of minerals in hydrothermal ore deposits and growth environment of crystal. *Earth Science Frontiers* 2, 2005

## HONORS

Tuite Xie, Minitti, Chen, Mao, Wang, Shu & Fei 2004 (Mineral)

# Guangxian Xu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guangxian Xu, Chinese chemist (Shaoxing, Zhejiang 07 November 1920 – 28 April 2015)

Developed methods to separate and extract rare earths

Developed mathematical models for rare earth element separation processes

Developed series or cascade extraction process for rare earths

Proposed a formula that related the order of filling of atomic orbital levels with the grouping of elements in periods in the periodic table

Established the quantum chemistry calculation method for rare earth elements

Established a new theory of counter current extraction (1970s)

Found that the rare earth separation process with counter current extraction obeys a role of constant mixed extraction ratios in the extraction and the scrubbing sections respectively

Built up a theoretical model to simulate the dynamic process of the cascade from starting to the steady state

Proposed and approved that the clear and transparent organic phase in solvent extraction is really a microemulsion (1980)

Proposed a new classification of extraction systems and achieved several general rules about extraction processes

Developed one-step enlargement expert system for large-scale production of high purity rare-earth metals

Synthesized a serial of dual-oxygen complexes of quad-core rare earths

## HONOURS

345871 Xuguangxian (Asteroid)

# Guanhua Xu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guanhua Xu, Chinese geoscientist (Beijing 16 December 1941 –

Internationally recognized as a leader on remote sensing and geographical informatics

Developed techniques for digital image processing with multi-wave band and classification

Developed methodology of remote sensing integrated surveys and their mapping

Formulated the first technological regulation for a remote sensing integrated survey and mapping system for regenerative success

Headed the group that developed an integrated system for natural disaster monitoring, damage evaluation and crop assessments by using satellite and airborne remote sensing (1990s)

## HONOURS

Doctor Honoris Causa, University of Maryland

# Guido Pabst

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guido Frederico João Pabst, Brazilian botanist (Porto Alegre 14 September 1914 – Rio de Janeiro 27 April 1980)

Authored about 200 scientific works

## DESCRIBED ORCHIDACEAE TAXA

### Valid Genera

*Mesadenella* 1953 with Garay

*Rauhiella* 1978 with Braga

### Species

About 200

## HONORS (Orchidaceae)

*Pabstia* Garay 1973

*Pabstiella* Brieger & Senghas 1976

# Guillermo Patterson

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guillermo Patterson Medrano, Panamanian chemist (Ciudad de Panamá 13 February 1884 – Ciudad de Panamá 10 May 1964)

## DEVELOPED

A new method for electrolytic separation of lead from copper (1911)

A new method for the determination of lead (1911)

Antimony tetrasulphide, a new explosive (1912)

## HONORS

Life Fellow, Royal Society of London

Invited Member, New York Academy of Sciences

Honorary Fellow, American Association for the Advancement of Science

# Guillermo Seeber

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guillermo Rodolfo Seeber Cayol, Argentine physician (Buenos Aires 08 November 1876 – ?)

Identified rhinosporidiosis (1893) and described the causal agent *Rhinosporidium seeberi* (1900) without named it

Un Nuevo esporozario parasite del hombre. Dos casos encontrados em polipos nasales. Doctoral Thesis, Universidad Nacional de Buenos Aires (1900)

A new suspensor for treating blennorrhagic orchiepididymitis

Un Nuevo suspensorio para el tratamiento de la orquiepididimitis blenorragica (1905)

# Guillermo Uribe Cualla

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Guillermo Uribe Cualla, Colombian coroner and forensic psychiatrist (Bogotá 08 June 1895 – 1977)

## SOME BIBLIOGRAPHY

El narco-análisis en Terapéutica, Medicina legal y Psiquiatría

El abuso del alcohol como fator de delincuencia en Colombia

Muerte súbita en los niños por lesiones del timo. Su patogenia e importância médico-legal

Sobre los traumatismos cráneo-encefálicos y su aspecto médico-legal

Responsabilidad médica y sus proyecciones médico-legales

Estudios de la personalidad de delincuente, el rol del juez en la lucha contra la criminalidad y su preparación criminológica

La hipocondría en Medicina Legal

Algunos problemas graves de eugenesia. Inmigración y feminismo moderno

Los delitos sexuales ante la Medicina Legal (1944)

Etiología do delito e prevenção da criminalidade

Importancia del estudio de la personalidad del delincuente (1943)

La función social de la medicina (1937)

Deontología médica (1961)

Medicina Legal: las meningitis de origen traumático

Concepto y clasificación de las lesiones en Medicina Legal (1946)

El trabajo del corazón en las alturas

Cuestiones Médico-Legales y Criminológicas (1951)

Medicina Legal, Toxicología y Psiquiatría Forense

Opúsculos de Medicina Forense (1968)

El agonía y el momento de la muerte

Importancia del diagnóstico del hematoma subdural desde el punto de vista médico-legal

La prevención del delito y la identificación civil obligatória

## HONOURS

Neuron Prize, International Congress of Legal Medicine



# Guillermo Whitembury

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Guillermo Whitembury Mendiola, Peruvian-born Venezuelan renal physiologist and biophysicist (Trujillo, La Libertad Department 17 November 1929 – Puno 20 November 2016)

## ACHIEVEMENTS

With M. Echevarría, R. Ramírez Lorca, C.S. Hernandez et al. identified a new water channel in the Malpighian tubules of the insect *Rhodnius prolixus* (2001)

Discovered a new mechanism for regulation of cellular volume in the proximal renal tubules with co-transport of Na+K+2Cl

With F. Proverbio observed two modes of Na extrusion in cells of guinea pig kidney (1970)

With J. Fishman proposed a second Na pump in kidney (1969)

Collaborated to a standardized nomenclature for structures of the kidney (1987)

Proposed a significant paracellular water flow in leaky epithelia

With other authors established lateral intercellular spaces and tight junctions as sites for paracellular pathway for ion and water transport (1971)

With A.K. Solomon, Windhager & Schatzmann first to demonstrate passive reabsorption of water and active reabsorption of Na into renal tubules (1958-9)

With C. Monge & A. Cazorla first to study the pulmonary blood volume in altitude inhabitants (1950s)

## METHODOLOGY

Developed a method for measuring diffusive permeability to water and ions into renal tubules

With P. Carpi Medina, B. Lindemann & E. Gonzalez described a new method to measure time-dependent volume changes in proximal straight tubules (1984)

Developed South American solution for kidney maintenance

With J. Morales, M. Perez-Gonzalez & H. Acquatella. Ionic and histological changes in the kidney after perfusion and storage for transplantation: use of high Na-versus high K-containing solutions. Transplantation 14(4):480-9, 1972

# Gumersindo Sayago

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gumersindo Sayago Gallardo, Argentine pneumologist (Santiago Del Estero 10 December 1893 – Cordoba 29 March 1959)

Considered as an authority on surgical treatment of pulmonary tuberculosis

## SOME BIBLIOGRAPHY

Cheesy focus in lung. Journal Am. Med. Association 79(2): 594, 1922

Surgical treatment of pulmonary tuberculosis. Am. Rev. Tuberc. 15:544, 1927

With I.J. del Villar. Variaciones de la colesteroemia en los periodos terminals de la tuberculosis pulmonar del adulto. Rev. Soc. Arg. Biol. 7:423-7, 1931

Sobre un caso de tumor primitivo de pulmón. Neoplasmes 12-13:62, 1933

With L.L. Dobric. Sobre una observación de enfisema gigante de rapida aparición. La Semana Med. 42(2):10, 1935

Cisuras y lobus apicales. Aspectos radiológicos. Rev. Med. 23(5):254-64, 1935

With H. Becerra. La neumólisis intrapleurale. Temas Tisiol. 5:92, 1935

Über einige gesichtspunkte des Emphysems im Verlaufeder chronischen Lungentuberkulose. Beitr. Klin. Tbk. 88:669, 1936

With T. Villafane Lastra. Formas infantiles de la tuberculosis pulmonary en el adulto. Temas Tisiol. 10, 1938

With J.A. Perez & R. Finochietto. Lobectomy with report of a case. Rev. Assoc. Med. Arg. 57:48, 1943

Los cuadros anatomicos de la tuberculosis pulmonar y sus relaciones en la epidemiología. Temas Tisiol. 1943

Formation of caverna in the different stages of the tuberculous affection. Prensa Med. Arg. 36(43):2163-5, 1949

With J.B. Rocca & I.F. Wolaj. Prognosis and treatment of giant tuberculous caverns. Rev. Bras. Tuberc. Doenças Torac. 24(164):999-1014, 1955

With J. Allende. Plombaje extrapleurale, etc. Prensa Med. Arg.

# Gursaran Parshad Talwar

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Gursaran Parshad Talwar, Indian biochemist and immunologist (Hissar, Haryana State 02 October 1926 –

## ACHIEVEMENTS

With V. Saini, S. Raghuvanshi et al. established *Mycobacterium indicus pranii* as a distinct species (2009)

With S.A. Dar, M.K. Rai, K.V. Reddy, D. Mitra et al. A novel polyherbal microbicide with inhibitory effect on bacterial, fungal and viral genital pathogens. Intern. J. Antimicrob. Agents 32:180-5, 2008

First clinical trials about the gonadotropin inhibition in patients with advanced prostate cancer and post-menopausal women

Vaccines for control of fertility and hormone-dependent cancers. Imm. Cell Biology 75:184-9, 1997

With C. Gual, J. Garza Flores, M. Menjivar, A. Gutierrez Najar & R. Pal. Ability of a luteinizing hormone-releasing hormone vaccine to inhibit gonadotropins in post-menopausal women. Fertil. Steril. 67:404-7, 1997

An immunotherapeutic vaccine for multibacillary leprosy. Int. Rev. Immunol. 18:229-49, 1999

With H.M. Gupta & D.M. Salunke. A novel computer modelling approach to the structures of small bioactive peptides. The structure of the gonadotropin releasing hormone. Proteins 16:48-56, 1993

First application of the carrier protein concept for a vaccine for human use (1976)

Proposed the world's first anti conceptional vaccine for women (1976)

With A.D. Krishnan. A simple method for cultivating *M. leprae* in vitro in the human peripheral blood monocytes. Indian J. Med. Res. 62:313-6, 1974

## PATENTS

With K. Garg. Compositions comprising probiotic *Lactobacillus* strains for improved vaginal health. WO 2013093941A2 (2011)

With J.C. Gupta & S. Purswani. A novel vaccine composition inducing bio effective immune response against human chorionic gonadotropin IN524/DEL/2009

With R. Sriraman, S.R. Kathuria, R. Kabeer & R. Pal. A chimeric monoclonal antibody for binding with high affinity selectively to HCG IN2004DE00670A (2004) & WO2005095458A1

With J.C. Gupta & K. Raina. Recombinant anti-LHRH vaccines WO 2004/05791A3 (2003)

With P. Raghuvanshi. An improved antimicrobial and spermicidal formulation. IN1293/DEL/1999

With P. Raghuvanshi. Process for the preparation of an improved antimicrobial and spermicidal composition. IN1292/DEL1999

With S.N. Upadhyay & S. Dhawan. Neem component as a male contraceptive. CA2128649A1 (1993)

With D.K. Giri. Treatment of prostatic hypertrophy EP0652014 A1 (1993)

With S. Upadhyay, A. Singh, M.G. Sharma & C. Kaushic. Nimbaumol containing composition for controlling fertility and contraception DE69024047D1 (1990)

With S. Chakrabarti & J. Srinivasan. A recombinant birth control vaccine EP0494158B1 (1989) US5733553A & CA1340762 (1999)

With R. Mukherjee & S.I. Guleria. Tuberculosis vaccine comprising *Mycobacterium wu* GB2236480B (1989)

With S.Y. Rizvi, B. Kundu, K.D. Mathur & A. Alam. A process for the synthesis of n-acetyl-inormuramyl-L-n-methylaamyl-d-isoglu-taminyln-substituted amides possessing high immunoadjuvant activity. IN173794B (1988)

With M.S. Chaudhuri & R. Jayashankar. Antigenic derivative of GnRh GB2228262B (1989)

Method for the preparation of hybrid cells having a high titre of antibodies active against luteinizing hormone-releasing hormone IN157726B (1981)

Method for the manufacture of an improved test device for the purpose of detecting pregnancy IN155665 B (1981)

Method for the preparation of cloned hybrid cells of enhanced titre of antibodies active against human chorionic gonadotropin and other reproductive hormones IN155376B (1981)

A method for blocking heat in domestic pet and for controlling libido aggressiveness in male animals and in counter acting physiological and pathological phenomena dependent on LHRH (1981)

Foerfarande Foer framstaellning of a vaccin Foer foerhindrande of graviditet FI54997B (1976)

Vaccine til forhindring af graviditet og fremgangsmade til fremstilling af vaccinen DK145283B (1975)

Kontrazeptiver impfstoff DE2518546 (1975)

# Gustavo Orcés

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Gustavo Edmundo Orcés Villagomez, Ecuadorian zoologist (Quito 25 July 1902 – Quito 21 March 1999)

## DESCRIBED SPECIES

### Reptilia

*Anolis proboscis* 1956 with Peters

*Anolis vanzolini* 1996 with Williams, Matheus & Bleiweiss

*Sibynomorphus oligozonatus* 1989 with Almendariz

*Sibynomorphus petersi* 1989 with Almendariz

### Pisces

*Rhinodoras boehlkei* 1976 with Glodek & Whitmire

*Pseudochalceus bohlkei* 1967

*Xyliphius lepturus* 1962

*Xyliphius melanopterus* 1962

*Ernstichthys megistus* 1961

*Brochis multiradiatus* 1960

*Platysilurus olallae* 1977

# Gustavo Rivas Mijares

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Gustavo Rivas Mijares, Venezuelan health and environmental engineer (Nueva Valencia del Rey, Carabobo State 07 November 1922 – 30 November 2014)

Authored 157 research papers and technical works beyond 11 books

## SOME BIBLIOGRAPHY

With L. Marciales. Ensayos para la simplificación del tratamiento de aguas. Acta Cient. Venez. 45:54-61, 1994

With L. Marciales. Origen de la turbiedad en aguas superficiales. Acta Cient. Venez. 43(2):103-8, 1992

Abastecimiento de aguas y alcantarillados (1983)

Tratamiento del agua residual (1976)

La desinfección del agua en áreas tropicales (1970)

With E.E. López. Comportamiento de lechos bio-percoladores (1968)

Eficiencias de filtros percoladores biológicos en remover la DBO de un líquido residual (1967)

Determinación de la magnitud de influencias ambientales en procesos unitarios del tratamiento de las aguas. Bol. Acad. Cien. Fis. Mat. Nat. 16:1-56, 1966

Influence of water and sewage treatment processes on schistosomes (1963)

Tratamiento de la potabilización de las aguas (1963)

Normas de diseño para abastecimientos de agua en núcleos urbanos (1962)

With K.L. Kollar. Normas para el diseño y construcción de acueductos para pequeñas poblaciones (1956)

Guía para el diseño de desarenadores y sedimentadores

## HONOURS

Foreign Member, US National Academy of Engineering (1981)

Listed in International Who's Who

# H. Srinivasa Rao

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

H. Srinivasa Rao, Indian zoologist (Kanchipuram, Tamil Nadu State 16 July 1894 – 14 August 1971)

## DESCRIBED INVERTEBRATA TAXA

### Mollusca

#### Genera

*Angulyagra* 1931

*Ekadanta* 1928

*Indosuccinea* 1924

*Saptadanta* 1934 with Prashad

#### Species

*Ekadanta shanensis* 1928

*Ercolania gopalai* 1937

*Indosuccinea khandalla* 1924

*Limax acuminata* with Annandale

*Limax biacuminata* 1925 with Annandale

*Limax luteola* 1925 with Annandale

*Limax stagnalis* 1925 with Annandale

*Limnaea horae* 1925 with Annandale

*Limnaea latior* 1955 with Annandale

*Limnaea shanensis* 1925 with Annandale

*Saptadanta nasika* 1934 with Prashad

*Segmentina taia* 1925 with Annandale

*Succinea gravelyi* 1924

*Taia crassicallosa* with Annandale

*Vermetus andamanicus* 1933 with Prashad

### Porifera

#### Valid Genus

*Acanthostylotella* 1932 with Burton

#### Valid Species

*Callyspongia pambanensis* 1941

*Clathria* (*Clathria*) *antyaja* 1932 with Burton

*Clathria* (*Thalysias*) *micropunctata* 1932 with Burton

*Clathria* (*Wilsonella*) *foraminifera* 1932 with Burton

*Erylus geodioides* 1932 with Burton

*Eurypon cactoides* 1932 with Burton

*Haliclona* (*Gellius*) *cellaria* 1941

*Hymedesma* (*Hymedesmia*) *crelloides* 1932 with Burton

*Hymedesma* (*Stylopus*) *parvispicula* 1932 with Burton

*Ircinia cactiformis* 1941

*Ircinia pellita* 1941

*Jaspis sollasi* 1932 with Burton

*Kirkpatrickia* *spiculophila* 1932 with Burton

*Monanchora enigmatica* 1932 with Burton

*Mycale* (*Arenochalina*) *trincomalensis* 1941

*Mycale* (*Mycale*) *monanchorata* 1932 with Burton

*Oceanapia arenosa* 1941

*Pericharax canaliculata* 1941

*Spongia* (*Spongia*) *bibulus* 1941

*Spongia (Spongia) fenestrata* 1941

*Stelletta bocki* 1941

**Cnidaria**

**Species**

*Crambionella annandalei* 1931

*Lobonemoides sewelli* 1931

**HONORS**

*Raorhynchus* Tripathi 1959 (Acanthocephala)

# H.F. Yang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

H.F. Yang, Chinese environmental microbiologist (fl. early 1960s)

## SOME BIBLIOGRAPHY

With F. Zeng, K. Cui, J.M. Fui & G.Y. Sheng. Biodegradability of di(2-ethylhexyl)-phthalate by *Pseudomonas fluorescens* FS1. *Water Air & Soil Pollution* 140:297-305, 2002

Interaction of microorganisms with heavy metals. *Environ. Sci.* 18:35-9, 1996

New achievements in biotechniques for the purification of waste water. *Chin. Environ. Sci.* 4:40-4, 1985

With S.H. Xie, H.I. Xian, S.F. Jia & H.Y. Zhang. A new kind of mixed bacterial culture degrading sodium thiocyanate and acrylonitrile. *Acta Microbiol. Sin.* 24(3), 1984

## HONORS

*Yangia* Dai, Wang, Yang, Jiao & Liu 2006 (Bacteria)



# Hanlin Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Hanlin Wu, Chinese ichthyologist

## DESCRIBED VALID PISCES TAXA

### Genera

- Atrobucca* 1963 with Chu
- Megalonibea* 1963 with Chu & Lo
- Neodontobutis* 2002 with Chen & Kottelat
- Polyspondylogobius* 1994 with Kimura
- Pseudorhinogobius* 1988 with Zhong

### Species

- Acanthogobius luridus* 1985 with Ni
- Callechelys maculatus* 1981 with Chu & Jin
- Evynnis mononematos* 2012 with Guan & Tang
- Gobiodon multilineatus* 1979
- Gobiodon oculolineatus* 1979
- Gymnogobius transversifasciatus* 1990 with Zhou
- Gymnogobius zhoushanensis* 2007 with Zhao & Zhong
- Megalonibea fusca* 1963 with Chu & Lo
- Neenchelys parvipectoralis* 1981 with Chu & Jin
- Nibea miichthioides* 1963 with Chu & Lo
- Nibea semifasciata* 1963 with Chu & Lo
- Odontobutis sinensis* 2002 with Chen & Chong
- Odontobutis yaluensis* 1993 with Wu & Xie
- Okamejei mengae* 2007 with Jeong & Nakabo
- Ophichthus fasciatus* 1981 with Chun & Jin
- Pandaka bipunctata* 2008 with Chen, Zhong & Zhao
- Polyspondylogobius sinensis* 1994 with Kimura
- Pseudorhinogobius aporus* 1998 with Zhong
- Rhinogobius changjiangensis* 2002 with Chen, Miller & Fang
- Rhinogobius lentiginis* 1985 with Zheng
- Rhinogobius linshuiensis* 2002 with Chen, Miller & Fang
- Rhinogobius liui* 2008 with Chen
- Rhinogobius multimaculatus* 1985 with Zheng
- Rhinogobius nanduijiangensis* 2002 with Chen, Miller & Fang
- Rhinogobius reticulatus* 2007 with Li & Zhong
- Rhinogobius wangchuangensis* 2002 with Chen & Fang
- Rhinogobius wuyanlingensis* 2008 with Yang & Chen
- Rhinogobius xianshuiensis* 1999 with Chen & Shao
- Sladenia zhui* 2012 with Ni & Li
- Stiphodon multisquamus* 1986 with Ni
- Wuhanlingobius polycepis* 1985 with Ni

## HONORS

*Wuhanlingobius* Huang, Zeehan & Chen 2013 (Pisces)

# Hans Joachim Schumacher

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hans Joachim Schumacher, German-born Argentine physical chemist (Siegburg, North Rhine Westphalia 23 September 1904 – La Plata September 1985)

Authored over 300 scientific papers

Determined the dissociation energy of the fluorine molecule

Performed the first reliable studies of the low pressure fall-off regions of the thermal dissociation reactions of nitryl chloride (1931), difluorine monoxide (1934) and perfluoroperoxide (1937)

His studies on ozone decompositions as well as reactions of ozone with fluorine, chlorine and bromine molecules attracted international recognition (1930s)

Demonstrated the specific influence of added inert gases and provided the first reliable collision efficiencies in unimolecular reactions

Elucidated complex reaction mechanisms of highly reactive species

With A.J. Arvia authored pioneer works in the field of gas phase reaction kinetics in the presence of fluorine

Postulated FCO<sub>x</sub> family (1960s)

# Hans Raj Pajni

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hans Raj Pajni, Indian entomologist (Amloh, Punjab State 22 June 1932 –

## DESCRIBED COLEOPTERA TAXA

### Genera

*Amrikus* 1982 with Sidhu  
*Barimononychus* 1982 with Kohli  
*Barioscapus* 1990 with Kohli  
*Brahmacalcidodes* 1987 with Dhir  
*Breviepistomus* 1987 with Sidhu & Kumar  
*Cylindralcidodes* 1987 with Dhir  
*Gobinda* 1987 with Sidhu & Kumar  
*Himachala* 1990  
*Hypurodes* 1982 with Kohli  
*Indocurculio* 1994 with Singh & Gandhi  
*Indodinorrhopalus* 1981 with Sood  
*Indoegrias* 1982 with Kohli  
*Indomecus* 1987 with Gandhi  
*Indomecyslobus* 1987 with Dhir  
*Indophytoscaphus* 1982 with Sidhu  
*Manoja* 1982 with Bhateja  
*Marshalla* 1990  
*Neomecyslobus* 1987 with Dhir  
*Ornatacidodes* 1987 with Dhir  
*Patialus* 1991 with Kumar & Rose  
*Pritmus* 1981 with Sood  
*Pseudmesalcidodes* 1987 with Dhir  
*Pseudochaetodera* 1974 with Bedi  
*Pseudophagiophloeus* 1990 with Sood & Tewari  
*Pseudophytoscaphus* 1990  
*Rivaliera* 1974 with Bedi  
*Shiva* 1982 with Bhateja  
*Squamobaris* 1990 with Kohli & Kumar  
*Taractor* 1990  
*Transptochus* 1989 with Sidhu & Kumar  
*Tuberculomecyslobus* 1987 with Dhir

### Species

About 100

## HONORS

*Pajnisoodes* Alonso-Zaragoza & Lyal 2002 (Coleoptera)

# Hans Reichardt Filho

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Hans Reichardt Filho, Brazilian entomologist (Santos 25 January 1939 – Campos do Jordão, São Paulo State 03 June 1976)

Authored about 70 works

## DESCRIBED COLEOPTERA TAXA

### Genera

*Baenningeria* 1976

*Claudiella* 1976 with Vanin

*Ctenobostrychus* 1962

*Delevea* 1976

*Helluobrochus* 1974

*Hintonia* 1973

*Lenopachus* 1976 with Vanin

*Mystroceridius* 1970

*Scaphydra* 1973

*Yava* 1976 with Hinton

*Ytu* 1973

### Species

About 135 among Coleoptera and Dermaptera

## HONORS

Subgenus *Reichardtula* Whitehead 1977 (Coleoptera)

# Hans Stammreich

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hans Stammreich, German-born Brazilian spectroscopist (Remscheid, Renania 16 July 1902 – São Paulo 06 March 1969)

Authored 86 papers with classical works in molecular Raman spectroscopy

## ACHIEVEMENTS

With Adolf Miethe (1924) and independent from H. Nagaoka (1925) discovered transmutation of mercury to gold

Obtained the first Raman spectra of a number of materials

With O. Sala, R. Forneris & A.G. Ayrosa developed the technique of the excitation of Raman spectra with helium lamps in Technique and results of excitation of Raman spectra in the red and near infrared region. Spectrochim. Acta 8:41–45, 1956

With R. Forneris made the first use of extreme-red excitation for Raman analysis (1961)

With R. Forneris obtained the first Raman spectrum and the calculation of force constants for plane configuration molecules

With O. Sala introduced large contribution to Raman scattering studies of metals (1958–61)

With O. Sala & R. Forneris presented reported studies of metallocarbonyls, cyano complexes, halogen complexes and interhalogen compounds

With P. Krumholz performed the first studies in elucidating the structure of metal-carbonyl employing Raman spectroscopy (1959–61) and first to demonstrate the existence of metal-metal bonds in metal-carbonyl compounds (1971)

First reported stowing force constants of M-C and C-O with retrodonation and conjugative interactions

Presented one of first works about resonant Raman effect in The Raman spectrum of bromine. Phys. Rev. 78:78, 1950

## METHODS, INVENTIONS & PATENTS

A Raman excitation technique using helium vapour lamps (with Oswaldo Sala)

A method for obtaining Raman spectra of high-coloured substances

Developed and patented a new method of production of electric discharge lamps in metal vapours

Process to manufacture of transparent and semitransparent papers for foods maintenance

A method to measure the motion of small animals (with G. Ayrosa e A.G. Pavan)

Introduced the use of spectrographs based on diffraction gratings into Raman instrumentation (1956)

With O. Sala & R. Forneris developed narrow bandpass filters that resulted in the ability to obtain superb Raman spectra of solid or turbid solutions

With O. Sala & R. Forneris introduced the use of rubidium vapor lamp with strong resonance for obtaining spectra of Cl<sub>4</sub> and many other species

A helium discharge lamp of long duration

Metal iodides lamps

High-luminosity spectrographs with high-efficiency diffraction gratings in red region

Dispositif for manufacture of vitamin D

Device for measuring and recording sedimentation rates of blood globules

Microcolorimeter for medical purposes

Device to discriminate natural pearls from developed ones with x-rays aid

A special paper to record electrical impulses

Special electrodes for iontophoresis and preventive treatment of burns caused by war fumes

With A. Miethe. Improvements in or relating to the extraction of precious metals. German Patent Specification #233,715 (8 May 1924)

Metal arc lamp (1928) US 1885637

With R. Wasicky & A. Giuliani described a new apparatus for the electrical recording of locomotion movements in laboratory animals in An. Fac. Farm. Odont. Univ. S. Paulo 8:187, 1950

With R. Wasicky. Um dispositivo para medição e registro da excitação do sistema nervoso dos animais. An. Fac. Farm. Odont. Univ. S. Paulo (1951)

## BIBLIOGRAPHY

Ciência e Cultura 21(4):785–94, 1969 (in Portuguese; with complete bibliography)

# Hans Werner Rzeppa

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hans Werner August Rzeppa, German-born Brazilian chemist and entrepreneur (Breslau, Germany 11 June 1916 – São Paulo 21 August 1998)

Invented lyophilization process employed to preparing anti-snake venom serum

## SOME BIBLIOGRAPHY

With Th. Wagner-Jauregg. Hemmung glykolytischer systeme durch Schwermetalle und Wiederaufhelring der Hemmung. Zeitsch. f. Physiol. Chemie 243:166-72, 1936

With R. Kuhn & H. Vetter. Zur spezifitat des Lactoflavins: Ersatz der methylgruppen durch den tetramethylen. Ber. Deut. Chem. Ges. 70:1302-14, 1937

With G. Rosenfeld, L. Nahas & S. Schenberg. Hemolysis and blood concentration of sulfones in vitro. Mem. Inst. Butantan 24(2):69-76, 1952

With F.A. Berti, L.M. Zilti et al. Chemotherapy of leprosy. II. Compounds structurally related to 4,4 diaminediphenylsulfone. Chemical Studies. Rev. Bras. Leprol. 20:104-115, 1952

With G. Rosenfeld. Neutralização cruzada da atividade proteolitica de venenos ofídicos com nome antivenenos. Cien. Cult. 17:267, 1954

With L. Nahas & L. de Souza Lima. Blood Picture in sulfone treatment of leprosy. Relation with the dose and blood concentration of the drugs. Int. J. Leprol. 22(1):22-30, 1954

With G. Rosenfeld. Estudos de hemoglobinas A,S, D e F em duas famílias da raça brancacom anemia drepanocítica (falciforme). Cien. Cult. p.111, 1960

With G. Rosenfeld, E.M.A. Kelen & C.U. Junqueira. Atividade fibrinolítica de extrato de glândula submaxilar de morcego hematófago (*Desmodus rotundus*). Cien. Cult. 76:206-7, 1964

With L. Nahas, A.S. Kamiguti et al. Effect of heparin on the coagulant action of snake venoms. Toxicon 13:457-63, 1975

With G. Rosenfeld, E.M.A. Kelen & L.D. Vizotto. Observações sobre a ação anticoagulante da glândula salivar de sanguessuga (*Haementeria brasiliensis*). 9<sup>th</sup> Congr. Bras. Soc. Hemat. Hemot.

# Hans Zocher

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ernst Werner Hans Zocher, German/Brazilian physical chemist (Bad Liebenstein, Thüringen 27 April 1893 – Rio de Janeiro 16 October 1969)

## ACHIEVEMENTS

Authored over 80 works

First to recognize a lyotropic nematic phase known as Zocher phase (1925)

Observed that colloidal particles sometimes aggregate in bundles which named tactoids (1925)

Presented equations for an orthotropic linear viscoelastic material

With Oseen introduced the macroscopic thermodynamical description of the liquid crystals

With Jacobsohn described a new type of sol called tactosol (1929)

Discovered inorganic lyotropic liquid crystals (1920s)

First to observe cholesteric-nematic phase transition effect (1929)

With Clara Torok first introduced tactoid shape characterization

Introduced term mesophase

Introduced an apparatus for examining shape of particles in colloidal solutions

With F. Stiebel introduced an ultramicroscopic technique for the study of monolayers by which they established the existence of inhomogeneities in extremely thin surface layers (1930)

Described an electrode cleaning method (with Birstein)

With P. Kubelka and C. Torok developed and patented a method for extraction of potassium salts from saltwater employing its precipitation as syngenite (1959)

## EPONYMY

Zocher effect

Zocher layers

Zocher number

Zocher rule “the linear dichroism of a colloidal dispersion reaches a maximum when its linear birefringence is zero” (1925)

Zocher type particles

Oseen-Zocher-Frank equations

Oseen-Zocher-Frank elastic constants

Oseen-Zocher-Frank free energy density

Zocher ferric oxide iridescent films

Zocher-Jacobsohn method (1928)

Zocher method for preparing sols

# Har Dayal Srivastava

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Har Dayal Srivastava, Indian helminthologist and parasitologist (15 June 1908 – 20 October 1989)

With Dutta elucidated the life history of *Schistosoma indicum* (1951-5)

Published the life cycle of *Clinostomum piscidum* (1959)

Studied the life history of *Stephanofilaria assamensis*, the causative parasite of hump sore of cattle and its treatment

Studied an unique form of dermatitis in cattle, the cutaneous microfilariasis or Srivastava dermatitis of cattle

Studied the morphology and taxonomy of trematode parasites of Indian freshwater and marine fishes

## DESCRIBED HELMINTHOLOGICAL TAXA

### Trematoda

#### Valid Genera

*Duttiella* 1980 with Prasad & Maurya

*Eumaseinia* 1951

*Folliorchis* 1948

*Hurleytrema* 1939

*Indoderogenes* 1937

*Mehrailla* 1939

*Mehraorchis* 1934

*Neonotoporus* 1942

*Nicollodiscus* 1939

*Orientodiscus* 1937

*Polyorchitrema* 1939

*Thapariella* 1955

*Tubanguia* 1935

*Yamagutia* 1939

### Cestoda

#### Valid Genera

*Barbusa* 1975 with Capoor

*Ophrycotylus* 1977 with Capoor

### Species

At least 75 new species in Trematoda and Cestoda

## HONORS

*Srivastavatrema* Singh 1962 (Trematoda)

*Srivastavanema* Singh 1962 (Nematoda)



# Hari Pall Singh

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hari Pall Singh, Indian micropaleontologist and palaeobotanist (Hoshiarpur District, Punjab State 19 June 1932 –

## DESCRIBED FOSSIL GENERA

### Sporae

*Amtaspora* 1984 with Sarkar

*Biformaesporites* 1972 with Kumar

*CollospERMumpollis* 1984 with Tripathi

*Coniatissporites* 1972 with Kumar

*Densiverrupollenites* 1984 with Tripathi

*Dettmannites* 1972 with Kumar

*Garotriletes* 1978 with Singh

*Haradisporites* 1972 with Kumar

*Iraqispora* 1964

*Lametatriletes* 1972 with Kumar

*Lunzisporites* 1964 with Bharadwaj

*Metamonoletes* 1972 with Kumar

*Mosulipollenites* 1964

*Peroaletes* 1964 with Bharadwaj

*Pinjoriapollis* 1981 with Saxena

*Quadrangulosaccites* 1982 with Saxena

*Surmaspora* 1984 with Rao

*Umiaspora* 1964 with Srivastava & Roy

*Venusteaesporites* 1972 with Kumar

### Dinoflagellata

*Subathua* 1980 with Khanna

### Fungi

*Siwalikiathyrites* 1982 with Saxena

## HONORS

*Singhiapollis* Kar & Sah 1970 (Fossil Sporae)

# Haroldo Toro

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Haroldo Enrique Toro Gutierrez, Chilean entomologist (Chillán 16 July 1934 – Valparaíso 06 February 2002)

## DESCRIBED HYMENOPTERA (Apidae) TAXA (incomplete)

### Genera & Subgenera (23)

- Acanthocausus* 1976 with Fritz
- Anoediscelus* 1979 with Moldenke
- Austropanurgus* 1980
- Chilimalopsis* 1976
- Chilimelissa* 1979 with Moldenke
- Chilioediscelis* 1979 with Moldenke
- Hemicolletes* 1977 with Cabezas
- Heteroediscelis* 1979 with Moldenke
- Leptotanthus* 1983 with Ruz
- Melaliphanthus* 1983 with Ruz
- Mourecolletes* 1977 with Cabezas
- Neoliphanthus* 1983 with Ruz
- Paranychium* 1980 with Herrera
- Peniella* 1972 with Ruz
- Pseudoliphanthus* 1983 with Ruz
- Stenoediscelis* 1979 with Moldenke
- Tiguipa* 1976 with Fritz
- Tricholipanthus* 1983 with Ruz
- Xanthocolletes* 1979 with Cabezas
- Xenochilicola* 1979 with Moldenke
- Xenolipanthus* 1983 with Ruz

### Species

156

## HONORS

- Genus *Toromelissa* Roig Alsina 1998 (Hymenoptera)
- Subgenus *Torocolletes* Michener 1989 (Hymenoptera)
- Subgenus *Toroediscelis* Packer 2007 (Hymenoptera)
- Subgenus *Torourodera* Moldenke 1981 (Coleoptera)

# Hasan Kamel al Sabbah

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hasan Kamel al-Sabbah, Lebanese engineer and inventor in United States (Nabatieh 16 August 1895 – Lewis, New York State 31 March 1935)

Established many techniques for protection of the excitation transformers over current and rotor over load

## **PATENTS (70 US and foreign being 27 on solar power)**

Solar cell (1930)

Converters

Circuits for use with rectifiers

5 on electric distribution, transforming and translating circuits

3 on TV transmission of pictures and views

2 on cathode ray tube (As Sabah cathode ray tube)

6 on rectifying compound systems

24 on electric power conversion and excitation systems

4 on pressure and temperature control

6 on rectifying and rectifiers

? on vapour electric arc

# Hector Maria Nano

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hector María Nano Colombo, Argentine ophthalmologist (Concepción del Uruguay, Entre Ríos Province 17 October 1912 – 1982)

## CONTRIBUTIONS

Telegradímetro para campimetrías. Sem. Med. 47(2);441-3, 1940

With E. Frigerio & M.A. Scenna. Operación de Sato para la sinequia anterior y modificaciones en su técnica. Arch. Oftalm. Bs. Aires 30:337, 1955

Una nueva entidad del fundus. Degeneración discoide translúcida de la retina. Sem. Med. 118:1036-8 & 1061, 1961

## SOME BIBLIOGRAPHY

Fotocoagulación en la retinopatía diabética. Arch. Oftalm. Bs. Aires 44(8):231-7, 1969

With H. Pérez. Spicers pseudoneuritis. Arch. Oftalm. Bs. Aires 43(7):208-10, 1968

With H.A. Pérez & J. Lapalma. Uveitis edematosa crónica (cyclitis crónica de Kimura y Hogan). Arch. Oftalm. Bs. Aires 49:251-8, 1967

Síndrome paratrigeminal de Raeder. Arch. Oftalm. Bs. Aires 40:31-44, 1965

With H.A. Pérez & E. Frigerio. Concepto de la ceguera. Arch. Oftalm. Bs. Aires 36(1-2):1-4, 1961

With O. Gavarini & H.A. Pérez. RO1-7683/15: a new and effective mydriatic. Am. J. Ophthalm. 49:958-67, 1960

With P.H. Magnin & H.D. Nano. Diagnóstico diferencial entre síndrome de Vogt-Koyanagi y enfermedad de Harada. Rev. Arg. Derm. 44:106, 1960

Síndrome de arteritis temporal tratado con prednisolona. Arch. Oftalm. Bs. Aires 33, 1958

With A. Delmar. Síndrome oto-neuro-oftalmológico de Barré-Lieou. Conf. Med. 5:9, 1958

Tratamiento de la retinopatía diabética. Arch. Oftalm. Bs. Aires 31:103, 1956

Sobre el fondo de ojo en el diabético. Arch. Oftalm. Bs. Aires 31:73, 1956

With H. Gofanovich Baron. Neuritis retrobulbar relacionada con deficiencia de vitamina E. Arch. Oftalm. Bs. Aires 30(1):86-101, 1955

With N. Gilabert & E. Frigerio. Estrella macular. Semiología y Etiopatogenia. II Congr. Med. Munic. Bs. Aires (1954)

With M.A. Scenna. Angiopatía traumática de la retina (enfermedad de Purtscher). Arch. Oftalm. Bs. Aires 29:285-90, 1954

Fundus oculi: patología clínica vasculoretiniana (1953)

Ensayo de una clasificación práctica de los aspectos oftalmoscópicamente edematosos de papila. Arch. Oftalm. Bs. Aires 27:49-53, 1952

With J. Saba. Uveitis por alastrim. Terapéutica con cortisone. Arch. Oftalm. Bs. Aires 26:196, 1951

Disturbios circulatorios de la corioide. An. Soc. Mex. Oftalm. 25:3, 1951

Conjunctivitis primaveral. Rev. Asoc. Med. Arg. 64:691-2, 1950

Treatment of vernal conjunctivitis with cortisone. Rev. Asoc. Med. Arg. 64:585-7, 1950

Síndromes vasculares y retinopatías (1945)

Fibroma del limbo esclerocorneano. Sem. Med. 50:1062, 1943

La eritrosedimentación en oftalmología. Thesis (1944)

# Hector Rodriguez Zubieta

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hector José Rodríguez Zubieta, Argentine marine and naval engineer (Buenos Aires 1929 – 23 January 2005)

From Spanish parentage

Gained international recognition in 1970s

His shipyard Alianza raised the Argentine shipbuilding industry to the highest productivity standards in history (exported 37% of its production; over 50 vessels of many kinds)

Presented creative ideas and developed revolutionary shipbuilding processes

# Hector Supicci Sedes

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Hector Supicci Sedes, Uruguayan race driver (Montevideo 15 March 1903 – Victoria, Atacama, Chile 04 December 1948)

Introduced many improvements in his racing car being which some of them were incorporated to rallies and common cars

Windshield washer for racing cars (1938)

A exhaust pipe for engine (1937)

Improved cooling system employing an additional tank

Improved automobile lighting

Introduced a complementary oil tank underneath the tray

Strengthened suspension, lateral beam and axle with worksheets

Introduced a protective shielding and coating with shellac on sparking plug and disposer

Carpets with crossbars under the wheels

Double absorber on wheels (1935)

Introduced naphtha tanks with a separate feeding-system (1935)

First to use roll cage in racing cars

# Heinrich Rheinboldt

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Heinrich Rheinboldt, German/Brazilian chemist (Karlsruhe, Baden 11 August 1891 – São Paulo 05 December 1955)

The famous chemist Heinrich Caro, one of founders of BASF, was his grandfather

Authored 181 publications, being 5 books

Gained international recognition in complexes chemistry

Developed thaw-melt method for studying binary systems in thermal analysis

With K. Henning & M. Kircheisen. Eine method zur untersuchung binarer systeme. I. J. Prakt. Chem. 111:242, 1925.

Reported that most of adducts were 1:1 or 1:2 compounds

Zusammensetzung und Aufbau organischer Molekulverbindung. Z. Angew. Chem. 39:765, 1926.

Rheinboldt reaction

Eine einfache reaktion auf sulfhydrylgruppen. Ber. 60:184-6, 1927

First to obtain selenium trioxide (1930)

Prepared the first sulphenyl iodide

With E. Motzkus. Chem. Ber. 72 B:657-67, 1939.

Enunciated a new principle for classifying molecular organic compounds

With P. Senise. Sobre um novo princípio de classificação dos compostos orgânicos moleculares. Química 1:3-14, 1942.

Discovered with Giesbrecht, selenenyl selenocyanates, selenenylthiolates (1950), the aromatic triselenides and selenenyl sulphides (1955)

Discovered new compounds such as thionitrites, thioglycerol, etc.

First to systemize organic chemistry of tellurium

Eponym of Rheinboldt test for oximes

With E. Giesbrecht. Sobre um novo acido selenênico. Cien. Cult. 6(4):192, 1954

With G. Vicentini. Eine allgemeine methode zur Darstellung organischer Telluride. I. Mitteilungen: Symmetrische und unsymmetrische Diaryl-Telluride. Chem. Ber. 89(3):624-31, 1956

## HONOURS

Van't Hoff Award, Royal Academy of Sciences of Netherlands (1936)

## BIBLIOGRAPHY

Selecta chimica 16:5-26, 1957

# Helen Schwartz

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Helen M. Schwartz, South African veterinarian (fl.1945-84)

## SOME BIBLIOGRAPHY

With C.A. Schoeman & M.S. Farber. Utilization of urea by sheep. I. Rates breakdown of urea and carbohydrates in vivo and in vitro. J. Agric. Sci. 63(3):289-96, 1964

With F.M.C. Gilchrist. Microbiology in the rumen in relation to the nutrients and physiology of the rumen. South Afr. J. Animal Science 2:161, 1972

With F.M.C. Gilchrist. Microbial interactions with the diet and the host animal (1975)

With R.I. Mackie, F.M.C. Gilchrist, A.M. Roberts & P.E. Hannah. Microbiological and chemical changes in the rumen during the stepwise adaptation of sheep to high concentrate diets. J. Agric. Sci. 90:241-54, 1978

With P.A. Henning, Y. Van der Linden, M.E. Malttheyse, W.K. Nauhaus & F.M.C. Gilchrist. Factors affecting the intake and digestion of roughage by sheep fed maize straw supplemented with maize grain. J. Agric. Sci. 94(3):565-73, 1980

With Y. Van der Linden & N.O. Van Gylswyk. Influence of supplementation of corn stover with corn grain on the fibrolytic bacteria in the rumen of sheep and their relation to the intake and digestion of fiber. J. Anim. Sci. 59:772-83, 1984

## HONORS

*Schwartzia* Van Gylswyk, Hippe & Rainey 1997 (Bacteria)



# Helga Urban

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Helga Carla Urban, Brazilian amateur entomologist (died 24 August 1976)

## SOME BIBLIOGRAPHY

De gêneros diversos com larvas e casulos muito semelhantes (1968)

With L. Travassos Filho. Bionomia de *Dinia aegrus* (Cramer, 1779) (Lepidoptera, Ctenuchidae) 1967

Bionomia de Mantodea. Insecta em laboratório. II. *Acanthops falcataria* Goeze, 1778. Acanthopidae. Rev. Bras. Entomol. 11:1-8, 1964

With L. Travassos Filho. Sobre a criação de pequenos Mantodea com insetos da ordem Collembola. Rev. Bras. Entom. 1:159-61, 1954

## HONORS

*Helgaia* Rocha e Silva Albuquerque & Gurney 1963 (Blattodea)

*Urbanonema* Travassos & Kloss 1958 (Nematoda)

# Helio Gelli Pereira

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hélio Gelli Pereira, Brazilian virologist (Petropolis, Rio de Janeiro State 23 September 1918 – Rio de Janeiro 17 August 1994)

Of Italian descent from maternal side

## DISCOVERIES

Known internationally for his work on vertebrate viruses

Elucidated the nature of the fibre, penton and hexon antigens of adenoviruses and first revealed the morphology of adenovirus

With R.C. Valentine. Antigens and structure of the adenovirus. J. Biol. Mol. 13:13-20, 1965

Discovered picobirnavirus (PBV), a new virus group with segmented double-stranded RNA

With T.H. Flewett, J.A. Candeias & O.M. Barth. A virus with a bisegmented double-stranded RNA genome in rat (*Oryzomys nigripes*) intestine. J. Gen. Virol. 69:2749-54, 1988

Discovered picotrnavirus (PTV)

With S.P. Monteiro, A.M. Fialho & J.P. Gagliardi. Viruses with segmented double-stranded RNA in chickens. Arq. Bras. Med. Vet. Zootecn. 43(2):141-6, 1991

With A.M. Fialho & T.H. Flewett. Novel viruses in human faeces. Lancet 71(2):103-4, 1988

With I.J. Green, S.C. Hung, P.S. Yu & C.W. Lee. The isolation and characterization of a new influenza type B virus on Taiwan. Amer.J. Hyg. 79:107-112, 1964

With J.H. Darbyshire, P.S. Dawson, P.H. Lamont & D.C. Ostler. A new adenovirus serotype of bovine origin. J. Comp. Path. 75(3):327-30, 1965

With N.J. Knowles & L.S. Buckley. Classification of porcine enteroviruses by antigenic analysis and cytopathic effects in tissue culture: description of 3 new serotypes. Arch. Virol. 62(3):201-8, 1979

With S. Takimoto, H. Tanaka, L.F. Gomes et al. Preliminary characterization of a new virus isolated from the spinal fluid of patients with meningitis in São Paulo, Brazil. Rev. Inst. Med. Trop São Paulo 32(3):162-7, 1990

## METHODS

With R.S. Azeredo, J.P.G. Leite, Z.P. Andrade & L. Castro. A combined enzyme immunoassay for rotavirus and adenovirus (EI/RA). J. Virol. Methods 10:21-8, 1985

Established test that employ immunofluorescence technique for daily use in blood banks

Developed Pereira technique of removing virus-serum mixtures from tissue culture tubes

Developed a test for diagnosing peripheral and enteric rota and adenovirus

With J. Travassos. A quantitative agglutination method for study of the specific agglutination of micro-organisms. J. Gen. Microbiol. 7:61-8, 1952

With G.C. Schild & M. Henry Aymard. A quantitative, single-radial diffusion test for immunological studies with influenza virus. J. Gen. Virol. 16(2):231-6, 1972

With V.S. Gouvea & L. de Castro. A combined dot nitrocellulose enzyme immunoassay for rotavirus and adenovirus. J. Virol. Methods 18(1):57-65, 1987

With J.I. dos Santos, B. Galvão-Castro, D.C. Mello & M.S. Pereira. Dot enzyme immunoassay. A simple, cheap and stable test for antibody to human immunodeficiency virus (HIV). J. Immunol. Methods 29(2):191-4, 1987

## HONORS

Honorary Member, Société Française de Microbiologie (1961)

## LINKS

<http://www.docstoc.com/docs/151102577/rsbm19990026> (Bibliography)

# Helion Povia

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Helion de Menezes Povia, Brazilian pathologist (Campos, Rio de Janeiro State 23 March 1889 – Rio de Janeiro 09 April 1944)

With Antonio Cerqueira Luz. Uma nova reação coloidal bicorada para diagnóstico da neurossifilis (1928)

Calciopexia solar, documentação experimental. Rev. Bras. Tuberc. 3(10):631, 1933

Nova classificação das anemias. J. Clin. Rio 19:369-72, 1938

Classificação das anemias. An. Soc. Med. Cir. Rio de Janeiro 17-27, 1938

Authored Patologia da Arteriosclerose (1940) in which exposed new concepts about this disease that were confirmed later

A cutaneous test in prognosis of syphilis

His son, Helion Póvoa Filho, pathologist (Rio de Janeiro 06 July 1929 – Rio de Janeiro 10 August 2014)

## DEVELOPED METHODS

With M.A. Coelho & N.O.C. Pereira. Método simples para a determinação de triglicérideos séricos. O Hospital 72(5):1573-6, 1967

With L.G. Póvoa, C. Raja Gabaglia, R. Camaro & L.S. Dantas. A new method for determination of free radicals in blood. Free Radical Biol. Med. 9(1):146, 1990

## SOME BIBLIOGRAPHY

With N. Marcondes, M.M. Vicente & I. Fernandes. The TRH test in rats with chronic Chagas disease. Exp. Clin. Endocrinol. 86(1):109-11, 1986

With S.F. Andrade & M.S. Kanitz. Study of thyrotropic reserve in diabetes of adult type. Acta Biol. Med. Germ. 36:1749-81, 1977

With S. da Costa & M. Kanitz. IgE in sera of patients with American cutaneous leishmaniasis. J. Protozool. 22:35A, 1975

With M.I. Pegado-Kanitz, A.M. Rios, M.C. Silva, A. Antunes, L. Sargentelli, L.C. Teixeira & A.G. Souza. IgE in seminal fluid of man. Acta Biol. Med. Germ. 32:255-7, 1974

With A.C. Souza, L.C. Teixeira & L. Sargentelli. Plasmalogens in ischaemic heart disease. Acta Biol. Med. Germ. 31:897-8, 1973

With M.T. Rezende, P.C. Almeida, A. Coelho de Souza & L. Sargentelli. Immunoreactive insulin in human sêmen. Acta Biol. Med. Germ. 29:183-4, 1972

With A.N.A. Callado, J.M. Pereira & J.M. Coutinho. Stress and clearing factor lipase in rat adipose tissue. Acta Biol. Med. Germ. 21:125-6, 1968

With J. Rodrigues & L.C. Povia. The clearing-factor in obese patients. Acta Biol. Med. Germ. 19:331-2, 1967

Transaminases in human sêmen. Invest. Urol. 2:1-6, 1964

Amylase in human sêmen. J. Urol. 89:260, 1963

With P. Fontana Jr. Influence of adrenocorticotropin and cortisone in alkaline phosphatase activity of rat adrenal gland. Acta Biol. Med. Germ. 9:550-2, 1962

With G.G. Villela. Transaminase in seminal plasma of man. Experientia 16:199, 1960

# Helmut Sick

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Heinrich Maximilian Friedrich Helmut Sick, German-born Brazilian ornithologist and entomologist (Leipzig 10 January 1910 – Rio de Janeiro 05 March 1991)

Authored over 200 papers

Discovered over 10 plant taxa and 50 animal taxa from Brazil

## DESCRIBED NEW TAXA

### Aves

#### Valid Species

*Cinclodes pabsti* 1969

*Lepidothrix vilasboasi* 1959

*Merulaxis stresemanni* 1960

*Scytalopus novacapitalis* 1958

#### Valid Subspecies

*Coryphas piza melanotis marajoara* 1967

*Dendrocincla fuliginosa trumaii* 1950

*Eupsittula pertinax paraensis* 1959

*Paroaria baeri xinguensis* 1950

*Seicercus xanthoschistos tephrodiras* 1939

*Sporophila bouvreuil crypta* 1968

*Streptoprocne biscutata seridoensis* 1991

*Urocissa flavirostris schaeferi* 1939

### Lepidoptera

#### Valid Species

*Desmoclystia prouti* 1941

*Epipsestis nigropunctata* 1941

*Euparyphasma obscura* 1941

*Hypsidia australica* 1938

*Macrothyatira subaureata* 1941

*Microthyatira decorata* 1941

*Nemacerota decorata* 1941

*Nemacerota griseobasalis* 1941

*Neotogaria hoenei* 1941

*Systatica bilineata* 1938

### Isoptera

#### Species

At least 11

### Protozoa

*Sterkiella quadrinucleatus* 1933

## HONORS (Arachnida)

*Sickius* Soares & Camargo 1948

*Sickesia* H. Soares 1979

# Hem Singh Pruthi

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Hem Singh Pruthi, Indian agricultural entomologist (Deska Village, Sialkot District, Punjab 23 February 1897 – 23 December 1969)

## DESCRIBED HEMIPTERA TAXA

### Genera

*Baileyus* 1930

*Balcluthina* 1930

*Bella* 1930

*Magnentius* 1930

*Parasitades* 1936

*Sunda* 1936

*Trocnadella* 1930

### Species

About 60

## HONORS

*Pruthiana* Izzard 1955 (Hemiptera)

*Pruthiorosius* Ghauri 1964 (Hemiptera)

*Pruthius* Mahmood 1967 (Hemiptera)

*Pruthidiplosis* Mani 1934 (Diptera)

# Hendrik Weyenbergh

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Hendrik Weyenbergh, Dutch-born Argentine zoologist (Haarlem 06 December 1842 – Bloemendaal 27 July 1885)

## DESCRIBED

### INVERTEBRATE GENERA

#### Arachnida

*Hasseltides* 1869

#### Diptera

*Asilicus* 1899

*Didymophleps* 1883

*Doringia* 1875

*Empidia* 1869

*Hieronymus* 1886

*Lynchia* 1881

*Tipularia* 1869

#### Coleoptera

*Carabicina* 1869

*Saperdides* 1874

#### Dermaptera

*Forficularia* 1869

#### Hirudina

*Cyclobdella* 1879

*Hybobdella* 1879

#### Hymenoptera

*Hagenia* 1869

*Pseudosyrex* 1873

#### Lepidoptera

*Mamillo* 1874

*Vogleria* 1875

#### Mollusca

*Durban* 1875

#### Orthoptera

*Blattaria* 1874

*Propygalampis* 1874

#### Siphonaptera

*Malacopsylla* 1881

### VALID VERTEBRATE SPECIES/SUBSPECIES

#### Amphibia

*Melanophryscus stelzneri* 1875

*Melanophryscus stelzneri stelzneri* 1875

#### Reptilia

*Oxyrhopus rhombifer bachmanni* 1876 (Reptilia)

#### Pisces (1877)

*Catathyridium lorentzii*

*Hypostomus paranensis*

*Jenynsia obscura*

*Trichomycterus corduvensis*

*Trichomycterus tenius*

*Xiphophorus minor*

**HONORS**

*Weyenberghiana* Mello-Leitão 1941 (Arachnida)

# Hengsheng Wang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hengsheng Wang, Chinese geologist (Dingxian, Hebei Province 04 August 1901 – 21 September 2003)

Described the gravitational mechanism of liquid magma in the mineralization

With Yaomin Huang. The magmatic gravitational liquid differentiation and its significance bearing on the mineralization of stratified igneous rocks (1980)

Enunciated the chromite mineralization law

With Wenji Bai, Bingxi Wang & Yaochu Chai. Chromite deposits in China and their origin (1983)

With W.J. Bai & C.Y. Wan. A petro-chemical classification of basic and ultrabasic rocks (1978)

A method for the calculation of chemical analysis of basic and ultrabasic rocks. Acta Geol. Sinica 1 (1975)



# Henri François Pittier

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Henri François Pittier, Swiss-born Venezuelan naturalist and geographer (Bex, Vaud Canton 13 August 1857 – Caracas 27 January 1950)

## DESCRIBED TAXA

### Plantae

#### Valid Genera

- Abarema* 1927 (Mimosaceae)
- Bombacopsis* 1916 (Malvaceae)
- Ceratophytum* 1928 (Bignoniaceae)
- Decazyx* 1922 with Blake (Rutaceae)
- Frantzia* 1910 (Cucurbitaceae)
- Goethalsia* 1914 (Malvaceae)
- Gyranthera* 1914 (Malvaceae)
- Llewelynina* 1939 (melastomataceae)
- Lubaria* 1929 (Rutaceae)
- Tonduzia* 1908 (Apocynaceae)
- Wercklea* 1916 with Standley (Malvaceae)

### Animalia

#### Coleoptera

#### Species

About 90 (with Biolley in 1895)

## HONORS

*Pittieria* Von Martens 1901 (Mollusca)

# Henrique da Rocha Lima

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Henrique da Rocha Lima, Brazilian tropical physician and anatomical pathologist (Rio de Janeiro 24 November 1879 – São Paulo 12 April 1956)

## ACHIEVEMENTS

Described genus *Rickettsia* and species *Rickettsia prowazeki*, etiologic agent of exanthematic typhus independently from H. Topfer (1916)

With M. Mayer & H. Werner performed histopathological studies on bartonellosis (1913)

Recognized nature and origin of Carrión disease or bartonellosis

Characterized histopathologically bartonellosis discovering intracellular localization of its etiologic agent known as Rocha Lima inclusions

Described Rocha Lima lesion or sign that is a hepatic mediolobular necrosis used as post-mortem diagnosis of yellow fever

Demonstrated that epizootic lymphangitis and histoplasmosis were fungal diseases (1913)

Performed histopathological studies on blastomycosis (1923-4)

Laid the basis of histopathological classification of blastomycosis that was widely used

Demonstrated histologically birds contagious epithelioma virus

Described calcium inclusions of the kidney in yellow fever (1912) before Hoffmann (1924)

## TECHNIQUES

Developed a technique for demonstrating elementary bodies in avian boubu

With H. Aragão developed a technique of bacteriological diagnosis for plague with results in 16 hours

Developed a method of vital coloration

Established a technique to obtain vaccine for typhus

## OTHERS

With K.M. Silberschmidt & J. Reis authored Methoden der Virusforschungen later incorporated to Abderhalden's Handbuch der biologischen Arbeitsmethoden (1939)

With Miguel Couto wrote chapters about yellow fever in Carl Mense's Handbuch der Tropenkrankheiten (1929) and Nicola Pende's Endocrinologia, Patologia I Clinica degli organi a secrezione interna (1923-4)

## HONORS/EPONYMY

Bernhard Nocht Medal, Tropeninstitut (1921)

Subgenus *Rochanyssus* Castro 1948 (Acari)

Councilman-Rocha Lima corpuscles or bodies

Rocha Lima test

# Henrique Eisi Toma

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Henrique Eisi Toma, Brazilian nanochemist (Rio Claro, São Paulo State 05 February 1949 –

Authored 430 papers and 15 books with about 9,000 citations (h=45) in according to ISI

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SANTOS, JONNATAN JULIVAL ; IVANOV, EVANDRO ; DOS SANTOS, DIEGO PEREIRA ; Toma, Henrique Eisi ; CORIO, PAOLA . Unprecedented Detection of Plasmon Coupling between Silver Nanowires Based on Hyperspectral Darkfield and SERS Imaging and Supported by DDA Theoretical Calculations. *ChemPhysChem* (Print) , 17, 2015.

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TOMA, SERGIO HIROSHI ; Toma, Henrique Eisi . Síntese e Caracterização Espectroscópica de um Novo Complexo Contendo Três Clusters Trinucleares de Rutênio (2010)

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Nanopartículas e seu uso como agente de contraste em imagem por ressonância magnética. BR102150130317 (2015)

Processo de produção de nanopartículas e composição. BR1021050041250 (2015)

Nanocompósitos eletroativos, processo de preparação dos nanocompósitos e uso dos mesmos. BR102106011858 (2016)

With K. Araki, H.P. Nogueira, A.Y. Chida, D.S.G. O., A. T.S. Jr. & S.H. Toma. Método e kits para análise de traços de poluentes orgânicos e inorgânicos em água e nanocompósitos adsorventes modificados. BR1020170280586 (2017)

## HONOURS

Nanoeurope Award, EMPA Materials, Science & Technology (2006)

# Henrique Roxo

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Henrique de Brito Belford Roxo, Brazilian psychiatrist (Rio de Janeiro 04 July 1877 – Rio de Janeiro 17 February 1969)

Authored Manual de Psiquiatria (Handbook of Psychiatry) that was greeted by German psychiatrist Emil Kraepelin (1921)

Described a new form of delirious psychosis that named chronic automated hallucinatory delirium

Systematized chronic hallucinatory delirium. Arq. Bras. Neur. Psiq. (1913)

Developed Roxo method (treatment of intermittent delirium employing intramuscular injections of atropine valerianate)

Proposed a method for treating epilepsy employing bromide, luminal, belladonna and potassium boric tartrate (1925)

Proposed formulations and treatments for melancholia, cenesthesia, epilepsy and schizophrenia

Proposed the importance of oculo-cardiac reflex in the diagnosis of psychosis

Desequilíbrio vago-sympathico nas doenças mentaes. Methodo especial de diagnostico diferencial pela pesquisa do reflexo oculo-cardíaco (1936)

Methodo practico para facilitar a diagnose de uma doença mental. O Globo (January 28, 1935)

Eponym of Cephalic jitters or Roxo disease

# Henrique Walter Pinotti

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Henrique Walter Pinotti, Brazilian gastroenterologist (São Paulo 27 May 1929 – São Paulo 21 June 2010)

Son of Italian immigrants

Cousin of gynecologist José Aristodemo Pinotti

Authored 817 works and 38 books and monographs

## DEVELOPED

Cardiomyectomy with partial fundoplication (1974) known as Pinotti operation

First subtotal esophagectomy via cervicoadominal with diaphragm transection (1974)

Esophagocardiomyotomy with esophagogastropexy

With J.J. Gama Rodrigues, G. Ellenbogen, R. Arab Fadul & A. Raia. New bases for the surgical treatment of megaesophagus: esophagocardiomyotomy with esophagus-fundus-gastropexy. Rev. Assoc. Med. Bras. 20:331-4, 1974

Extrapleural approach to the esophagus through frenolaparotomy. Rev. Assoc. Med. Bras. 22 (2):57-60, 1976

Subtotal esophagectomy by transmediastinal tunnel without thoracotomy. Rev. Assoc. Med. Bras. 23 (11):395-8, 1977

With G. Ellenbogen, J.J. Gama-Rodrigues, I.F. Carril & A.A. Raia. Lateral esophagostomy of derivation. A new simplified technical procedure. Rev. Assoc. Med. Bras. 24(6):191-4, 1978

An anti-reflux procedure

With W.M. Pollara, R. Gemperli & A.A. Raia. O problema do câncer no megaesôfago. Rev. Assoc. Med. Bras. 26:379-81, 1980

With A. A. Raia, B. Zilberstein & W.M.Pollara. Esophagectomy without thoracotomy. Surg. Gynecol. Obstet. (1981)

Pinotti maneuver

New approach to the thoracic esophagus by the abdominal transdiaphragmatic route. Langenbecks Arch. Chir. 359:229-35, 1983

Heller-Pinotti technique

With P. Sakai & S. Ishioka. Cardiomyotomy and fundoplication for esophageal achalasia. Japan. J. Surgery 13(5):399-403, 1983

## OTHER TECHNIQUES

With O. S. Simonsen, C.W. Sobrado Jr. & S.F. Bocchini. Rectal neovagina: Simonsen's technique for large rectovaginal fistula repair. Diseases of the Colon and Rectum 41:658-60, 1998

With F.O. Costa, R. Cleva & V.N. Felix. A modified technique using the external jugular as a central venous line route for critically patients. Arquivos Brasileiros de Cirurgia Digestiva 9:108-9, 1994

With C.E. Domeno, A. Nasi, M.A. Santo & H.T. Libanori. Management of megaesophagus by video-laparoscopy (Technical standardization). Arq. Bras. Cir. Dig. 9 (1):17-9, 1994

With J.E.M.Cunha, M. C. C. Machado, T. Bacchella, J. Jukemura & M. C. Zerbini. New concepts of the pathogenesis and treatment of multiple acute duodenal ulcers. Arquivos Brasileiros de Cirurgia Digestiva 7:69-71, 1992

With M.C. Machado, J. E. Cunha, T. Bacchella & S. Penteado. Nova técnica de derivação colangiodigestiva intra-hepática no lobo direito do fígado. Revista do Hospital das Clínicas 47:163-6, 1992

With L. A. D'Albuquerque, J. J. Gama Rodrigues, A. de Oliveira e Silva & M. P. de Miranda. A simplified technique for splenopancreatic disconnection with distal splenorenal shunt. Surg. Gynecol. Obstetr. 170(4):355-7, 1990

With M. P. de Miranda, J. J. Gama Rodrigues, L. A. D'Albuquerque & P. Sakai. Use of endoscopic Congo red test in the evaluation of ulcer recurrence risks after proximal gastric vagotomy. A new interpretative method. Surg. Endosc. 3(4):182-5, 1989

With M. C. C. Machado, J. Jukemura, J E M Cunha & T. Bacchella. Technique for emergency laparotomy in patients with chronic pulmonary diseases and large incisional hernias. Arquivos Brasileiros de Cirurgia Digestiva 2:85-87, 1987

With E. E. Abdo, M. C. C. Machado, J E M Cunha & T. Bacchella. Biliary stricture: A new method of repair. Arquivos Brasileiros de Cirurgia Digestiva 1: 90-94, 1986

With J. J. Gama Rodrigues, B. Zilberstein, G. Ellenbogen & A. A. Raia Lateral deviation esophagostomy. New simplified technical procedure. Acta Gastroenterol Latinoam. 12(2):135-41, 1982

With J.J. Gama Rodrigues, G. Ellenbogen & A. Raia. New orientation in distal esophagectomy: reconstruction by esophagogastric anastomoses with an anti-reflux valve. Rev. Assoc. Med. Bras. 21(1):21-4, 1975

With A. Rosenthal. Papillosphincteroplasty: comments on the diagnosis of papillitis and presentation of a new technical procedure. Acta Gastroenterol Latinoam. 3(3):117-23, 1971

With A. Rosenthal. Papilosfincterosplastia: considerações diagnósticas e novo procedimento técnico. Rev. Paul. Med. 73(5):251-62, 1968

New technique of verification of gastroesophageal reflux. Rev. Hosp. Clin. Fac. Med. Univ. S. Paulo 21(3):151-4, 1966

With José Maurício P. Assef. A new abdominal approach for spleno-renal shunt. O Hospital 70(2):321-7, 1966

With Vinício de Paride Conti. Nova técnica de radiomanometria intraoperatória: sua importância para o diagnóstico da síndrome mecânica cístico-vesicular. Arq. Gastroenterol. 2(4):155-62, 1965

With A. Raia. A prova do lugol no diagnóstico diferencial das hemorragias digestivas altas. Ann. Paul. Med. Cir. 80(1), (1960)

## DEVICES

With P. Onari, C.E. Domene, F. Atui e H. Koga. A new tube for exposure of the esophagus in laparoscopic surgery. ABCD. Arquivos Brasileiros de Cirurgia Digestiva 10: 99-100, 1995

With M.A. Santo, C.E. Domeno, A. Nasi, H.T. Libanori & M. Fidi. Colectectomy sem pneumoperitoneo. Arq. Bras. Cir. Dig. 9:153-4, 1994

With J. A. Godoy. Retractor for operations in the region of the esophageal hiatus of the diaphragm and the esophagogastric junction. Rev. Paul. Med. 78(1):31-2, 1971

With J. A. Godoy. Technical aspects of papillosphincteroplasty. Use of a new instrument. Rev. Paul. Med. 74(1):25-8, 1969

Proposed a balloon for hydrostatic dilatations

Instrumento dilatador da cárdia para tratamento do megaesôfago. Rev. Assoc. Med. Bras. 15(6):271-4, 1969

Novo instrumento para cirurgia geral, especialmente para gastrectomia. Rev. Assoc. Med. Bras. 12(2):75-7, 1966

New instrument for general surgery, especially for gastrectomy. Surgery 62(5):975-7, 1967

Proposed a balloon-catheter (1966)

Balão para hipotermia do esôfago. Arq. Gastroenterol. 2(1):27-8, 1965

With Eduardo Muller. Novo aparelho para hipotermia esofagogástrica. Rev. Paul. Med. 67(5):310-4, 1965

## HONORS

Commemorative Medal, IX Centenary, Bologna University (1988)

Honorary Academic, Roman Academy of Surgery (2003)



# Henry Harold Welch Pearson

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Henry Harold Welch Pearson, English-born South African botanist (Long Sutton, Lincolnshire 28 January 1870 – Wynberg, Cape Town 03 November 1916)

## DESCRIBED PLANTAE TAXA

### Valid Genus

*Ceraria* 1912 with Stephens (Didiereaceae)

### Species

About 75

## HONORS

*Pearsoniella* Fritsch & Rich 1924 (Chlorophyta)

*Pearsonia* Dümmer 1912 (Fabaceae)

# Henry Richard Pearson

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Henry Richard Pearson, British-born Brazilian entomologist (Paris 12 June 1911 – Humaitá, Rio de Janeiro State 2004)

Authored 23 papers

## DESCRIBED LEPIDOPTERA SPECIES

*Dirphiopsis wanderbilti* 1958

*Mimallo almeidai* 1951

*Mimallo neoamilia* 1951

*Tolypida spitzzi* 1984

## HONORS

*Pearsonema* Freitas & Mendonça 1960 (Nematoda)

# Heraclides Cesar de Souza Araújo

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Heraclides Cesar de Souza Araújo, Brazilian leprologist (Imbituva, Paraná State 24 June 1886 – Rio de Janeiro 10 August 1962)

Authored over 260 publications

## CONTRIBUTIONS

Obtained world renown in clinical and experimental leprology. He was leprosy expert of WHO

Described *Actinomyces lepromatis* (1928)

Described leprotic verrucous dermatitis (1937).

Dermatite verrucosa leprótica. Estudo de 3 casos. Memórias do Instituto Oswaldo Cruz 32(2): 311-320, 1937.

Developed a technique for preparing antigens of cultures of acid-alcohol resistant bacillus from leprosy procedency that resulted in Souza Araújo leproins. These cultures were deposited in American Type Culture Collection as Leprosy Cultures Souza Araújo I, II and III.

Intradermo-reacções em leprosos com antígenos de culturas de bacilos ácido-alcool resistentes. Mem. Inst. Osw. Cruz 32(4): 469, 1937.

Devised an eclectic method for treatment of leprosy (1927)

Tratamento eclético da lepra. Mem. Inst. Oswaldo Cruz 47(1-2):129-210, 1949

## OTHERS

Vice-President, Leprology International Society 1932-56

Star and Cross Medal, American International Academy, New York (1957)

Medicine & Physiology Nobel Prize nominee (1955)

# Herch Moyses Nussenzweig

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Herch Moyses Nussenzweig, Brazilian physicist (São Paulo 16 January 1933 – Rio de Janeiro 05 November 2022)

His real birth date is June 1932 but recorded only in 1933

Son of Jewish Polish parents and brother of physician Israel Nussenzweig and parasitologist Victor Nussenzweig

His doctoral thesis with original contributions Solution of a diffraction problem I & II. The narrow double wedge was published in Philos. Trans. Royal Soc. A 252:1-30 & 31-51, 1959

Explained mathematically the light scattering that constitutes the rainbow

First explained colors decomposition close to shadows that form meteorological halo

Demonstrated that halo is a tunneling phenomenon (1969)

With M. Altarelli, D. L. Dexter & D.Y. Simon enunciated new sum rules for the optical constants (1972)

With W.J. Miscombe presented a new formulation of complex angular momentum theory (1991)

Developed optical tweezers that use laser light for in vivo manipulation of biological microstructures

## HONORS

Max Born Award, Optical Society (1986)

M.N. Chair, Tel Aviv University (1993)

# Heriberto Pieter

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Heriberto Pieter Bennett, Dominican physician (Ciudad Trujillo 16 March 1884 – Santo Domingo 19 May 1972)

From Congolese descent (his father was born in Curaçao and his mother in Saint Thomas Island)

## ACHIEVEMENTS

Developed a procedure for staining blood smears in order to diagnosing malaria

Notas sobre la coloración de las placas de sangre en paludismo (1912)

An important work about inheritance of alcaptonuria

Une famille d' alcaptonuriques. Presse Medicale 33:1310, 1925

Authored a work worldwide requested

Apuntes de Cancerología para el prontuario del medico practico (1961-4)

Developed a method for revealing color photo plates

## BIBLIOGRAPHY

Baruk-Bachet's Tsedek test applicable for personal and social variations in Dominican Republic. Rev. Med. Dom. 8(3-4):157-60, 1953

Circumstantial hazards and bonds in usual application of psychosomatic medicine. Rev. Med. Dom. 8(3-4):150-6, 1953

Consideraciones sobre el cancer de pene en la Republica Dominicana. Rev. Med. Dom. 3(3):9-12, 1948

Etude d'un cas de cancer primitive du poumon, suivi d'autres cas et de quelques considerations sur les neoplasmes pulmonaires en generale (1923)

Los neurastenicos irresponsables: estudio de clinica i jurisprudência medicas

## HONOURS

Member, Royal Society of Medicine (London)

Gold Medal, Accademia Tiberina (1968)

# Hermann Niemeyer

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hermann Niemeyer Fernandez, Chilean biochemist (Ovalle 26 October 1918 – Santiago de Chile 07 June 1991)

From German father

Authored over 100 papers

In Fritz Lippmann laboratory observed that oxidative phosphorylation resulting from respiratory chain in liver was ruled via ADP and other ATP phosphate acceptors availability

Proposed glycogen synthesis involving glyconucleotides in *Metabolismo de los hidratos de carbono en el hígado* (1955)

His works on enzymes induction using diets and hormones gained international repercussion

With M.L. Cardenas, T. Ureta, L. Clark-Turri & J. Peñaranda discovered the sigmoidal kinetics of protein monomer (1975)

Described 4 hexokinase isozymes

## Papers in top journals

With L. Clark Turri & E. Rabajille. Induction of glucokinase by glucose in rat liver. *Nature* 198:1096-7, 1963

With E. Figueroa & A. Pfeifer. Incorporation of <sup>14</sup>C-glucose into glycogen by whole homogenate of liver. *Nature* 193:382-3, 1962

With P.F. Scholander & C.L. Claff. Simple calibrator for Warburg respirometers. *Science* 112 (2911):437-8, 1950

# Hermenegildo Santapau

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hermenegildo Santapau, Spanish-born Indian jesuit and botanist (La Galera, Tarragona 05 December 1903 – Bombay 13 January 1970)

Authored 216 scientific publications

## DESCRIBED PLANTAE SPECIES

*Achyranthes coynei* 1949

*Argyreia boseana* 1958 with Patel

*Asystasia dalzelliana* 1948

*Barleria prattensis* 1949

*Bidaria khandalensis* 1949

*Canscora khandalensis* 1949

*Chamaesyce bombaiensis* 1954

*Chlorophytum borivillianum* 1955 with Fern.

*Dicliptera ghatika* 1952

*Dolichos ghaticus* 1956 with Panthaki

*Gastrochilus dalzellianus* 1949

*Habenaria panchganiensis* 1957 with Kapadia

*Hedyotis maheshwarii* 1963 with Merch.

*Hoya iconum* 1956

*Indigofera oreophila* 1956 with Panthaki

*Ipomoea pallida* 1958 with Patel

*Ipomoea salsettensis* 1958 with Patel

*Ipomoea tropica* 1957 with Patel

*Leea edgeworthii* 1953

*Murdannia nudiflora* 1953

*Nilgirianthus asper* 1951

*Operculina tansaensis* 1958 with Patel

*Pachygone zeylanica* 1964 with Wagh

*Pimpinella multiradiata* 1949

*Solanum macannii* 1948

*Tephrosia jamnagarensis* 1958

*Vigna khandallensis* 1948

## HONORS

*Santapauinda* C.V. Subramanian 1993 (Fungi)

*Pauia* Deb & Ratna Dutta 1965 (Solanaceae)

# Hernan Quintana

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hernán Quintana Godoy, Chilean astrophysicist (Curicó 19 November 1942 –

Proposed that dark matter may consist of leptons and heavy neutrinos

With D. Pierini, R. Suhada, R. Fassbender, A. Nastasi, H. Bohringer, M. Salvato et al. First simultaneous optical / near-infrared imaging of an X-ray selected, high redshift cluster of galaxies with GROND: the galaxy population of XMMU JO3387+0030 at  $Z=1.1$  (2012)

With G. Lamer, A. de Hoon, R. Fassbender, H. Bohringer, A. Schwobe, R. Suhada & D. Pierini. XMMUJ 144845+085357, a new x-ray (2011)

With G. Lamer, A. de Hoon, R. Fassbender, H. Bohringer, A. Schwobe, R. Suhada, D. Pierini & J. Kohnert. The x-ray spectrum of a new QSO at  $z=4.21$  (2011)

With A. Nastasi, R. Fassbender, H. Bohringer, R. Suhada et al. Discovery of the x-ray selected galaxy cluster XMMUJO 338.8+0021 at  $z=1.49$ . Indications for a young system with a forming brightest galaxy (2011)

With J.S. Santos, R. Fassbender, A. Nastasi, H. Bohringer, P. Rosati, R. Suhada et al. Discovery of a massive x-ray luminous galaxy cluster at  $z=1.579$ . Astron. Astrophys. 531 (2011)

With T.A. Marriage, V. Acquaviva, P. Ade, P. Aguirre, M. Amiri, J. Appel, L. Felipe Barrientos et al. The Atacama cosmology telescope: Sunyaev-Zeldovich selected galaxy clusters at 148GHz in the 2008 Survey. Astrophys. J. 737(2), 2010 (10 new galaxy clusters)

With A.D. Schwobe, G. Lamer, A. de Hoon, J. Kohnert, H. Bohringer, J.P. Dietrich et al. XMMUJ 100750.5+125818: a strong lensing cluster at redshift 1.082. Astron. Astrophys. 513(11), 2010

Proposed that the dumbell galaxy act as a grinding machine tearing to pieces the galaxies that pass nearby

With D. Proust, G. Hertling, A. Ramirez, I. Toledo & M.J. Way. High relative velocity central dumbells in poor clusters. Astron. Nachr. 330:924, 2009

With D. Proust, E.R. Carrasco, A. Reisenegger, E. Slezak, H. Muriel, R. Dunner, L. Sodr   Jr., M.J. Drinkwater, Q.A. Parker & C.J. Ragone. The Shapley supercluster: the largest matter concentration in the local universe (2006)

Identified 60 new galaxy systems in Shapley supercluster

With C.J. Ragone, H. Muriel, D. Proust & A. Reisenegger. Identification and study of systems of galaxies in the Shapley supercluster. Astron. Astrophys. 445(3), 2006

With S. Andreoni, I. Valtchanov, L.R. Jones B. Altieri, M. Bremer, J. Willis & M. Pierre. Batch discovery of nine  $z \sim 1$  clusters using x-ray and k or r, z' images. Mont. Not. Roy. Astron. Soc. 359 (4), 2005

Presented the first application of a spherical collapse model to a supercluster of galaxies

With A. Reisenegger, E.R. Carrasco & J.R. Maze. The Shapley supercluster III. Collapse dynamics and mass of the central concentration. Astron. J. 120(2), 2000

Developed an algorithm for identifying substructures of galaxies groups type

With H. Muriel, D. Garcia Lambas & L. Infante. Dispersi  n de velocidades en cumulos de galaxias (2000)

With Q.A. Parker, M.J. Drinkwater, E. Slezak & D. Proust. New structure in Shapley supercluster (1999)

Presented a new observing procedure and method

With J. Melnick & F. Selman. Sky subtraction for Deep Surface Photometry of the Intergalactic Light from Clusters of Galaxies (1999)

Developed a method to detect galaxies employing X ray emission

With A. Vikhlinin, B.R. McNamara, W.B. Forman, C. Jones & A. Hornstrup. A Catalog of 203 Galaxy Clusters Serendipitously detected in the ROSAT PSPC Pointed Observations. Astrophys. J. 502(2), 1998

Introduced the elasticity in General Theory of Relativity

With B. Carter. Foundations of general relativistic high-pressure elasticity theory. Proceed. Royal Soc. A 331 (1584):57-83, 1972

With B. Carter. Do neutron stars have an ocean surface? Nature 232(5310):391-2, 1971

## HONOURS

Education Prize, American Astronomical Societ (2017) being the first non-US neither Canadian to receive it



# Hernando Ordoñez

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Julio Hernando Ordoñez Garay, Colombian physiologist (Villeta, Cundinamarca 08 July 1910 – Bogotá 10 January 2008)

Authored over 65 papers

Discovered prosthentic contraction, a new mode of muscle contraction

Sobre uma contracción hallada en el musculo gastrocnemio de la rana durante un tetano perfecto. Contracción prosténica. Rev. Fac. Med. Univ. Nacional de Colombia 2, 1933

Contracción prosténica II. Su causa. Rev. Fac. Med. Univ. Nacional de Colombia 3, 1934

Fisiología general de la contracción prosténica. Doctoral Thesis, Fac. Medicina, Univ. Nac. Colombia (1935)

Described Ordoñez melanositis

Melanositis de causa desconocida. Carencia nutritiva, vida em altura y trastornos hipofisarios como posible causa. An. Soc. Biol. Bogota 26(2):121-46, 1945

Nuevo critério para medir la tensión arterial. (A new criterion for measuring arterial tension) Bol Clinica Marly 4:68-73, 1942

Described a new technique for blocking brain circulation

With H. Del Portillo, F. Rosas, B. de Bautista et al. Estudios sobre la resistencia del sistema nervioso a la anoxia. Descripción de una nueva técnica que interrumpe la circulación cerebral. An. Soc. Biol. Bogotá 7:233-60, 1958

## LINKS

[www.encolombia.com/medicina/academedicina/academ26164-homenajes.htm](http://www.encolombia.com/medicina/academedicina/academ26164-homenajes.htm) (in Spanish)

# Hikmet Ozbek

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Hikmet Ozbek, Turkish agricultural entomologist (Oltu 01 January 1940 –

## DESCRIBED NEW TAXA

### Genus

*Silifka* 1992 with Argaman (Hymenoptera)

### Species

#### Coleoptera (with Tozlu & Rezbek 2003)

- Acanthocinus aedilis*
- Acanthocinus griseus*
- Agapanthia cardui*
- Agapanthia coeruleipennis*
- Batocera rufomaculata*
- Blepisanis vittipennis*
- Cardoria scutellata*
- Coptosia bithyniensis*
- Helladia armeniaca*
- Helladia humeralis*
- Helladia millefolii*
- Helladia praetextata*
- Mesosa nebulosa*
- Monochamus galloprovincialis*
- Musaria boeberi*
- Musaria puncticollis*
- Neomusaria merkli*
- Niphona picticornis*
- Oberea erythrocephala*
- Oberea oculata*
- Opsilia coerulescens*
- Oxylia argentata*
- Phytoecia caerulea*
- Phytoecia croceipes*
- Phytoecia geniculata*
- Phytoecia icterica*
- Phytoecia pubescens*
- Phytoecia virgula*
- Pilemia hirsutula*
- Pogonocherus perroudi*
- Pogonocherus sieversi*
- Pteromallosia albolineata*
- Saperda carcharias*
- Saperda perforata*
- Semnosia imperatrix*
- Semnosia scovitzi*
- Theophilea cylindricollis*

#### Diptera (with Dils 2006)

- Atrichopogon oezbeki* 2006
- Callostoma oezbeki* 2006
- Conophorus gracilis* 2006

*Exoprosopa ahtamara* 2007

#### **Hymenoptera**

*Bombus (Melanobombus) erzurumensis* 1990

*Coelichneumon nigritor* 2010 with Riedel & Coruh

*Coelichneumon problematicus* 2010 with Riedel & Coruh

*Ichneumon sexcinctoides* 2010 with Riedel & Coruh

*Leptochilus (Lionotulus) gusenleitneri* 1995 with Yildirim

*Leptochilus (Lionotulus) palandokenicus* 1995 with Yildirim

*Microdynerus erzincanensis* 1995 with Yildirim

*Schizoprymnus erzurumus* 2004 with Belokobylskiy & Guclu

*Silifka fatima* 1992 with Argaman

#### **HONORS**

Subgenus *Ozbekosmia* Van der Zanden 1994 (Hymenoptera)

# Hilario Roxas

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hilario Atanacio Roxas, Philippine marine zoologist (Mariquina, Rizal 29 October 1896 – ?)

## DESCRIBED MARINE SPECIES

### Fish

*Taenioides caniscapulus* 1938 with Ablan

### Ciliate Protozoa

*Metacylis kofoidi* 1940

*Rhabdonella fenestrata* 1940

*Tintinnidium ampullarium* 1941

*Tintinnopsis bacoorensis* 1940

*Tintinnopsis manilensis* 1941

### Cnidaria

*Anthelia elongata* 1933

*Anthelia molenderi* 1933

*Anthelia palawanense* 1933

*Capnella sabangensis* 1933

*Cespitularia hypotentaculata* 1933

*Cespitularia quadriserta* 1933

*Dendronephthya griffini* 1933

*Dendronephthya guggenheimi* 1933

*Dendronephthya malaya* 1933

*Dendronephthya manyanensis* 1933

*Dendronephthya moseri* 1933

*Heteroxenia lighti* 1933

*Heteroxenia medioensis* 1933

*Heteroxenia mindorensis* 1933

*Heteroxenia minuta* 1933

*Heteroxenia palmae* 1933

*Heteroxenia philippinensis* 1933

*Heteroxenia pinnata* 1933

*Lemnalia bantayensis* 1933

*Lemnalia bournei* 1933

*Lemnalia faustinoi* 1933

*Lemnalia grandispina* 1933

*Lemnalia scasa* 1933

*Lemnalia zimmeri* 1933

*Litophyton lighti* 1933

*Litophyton orientale* 1933

*Sansibia boquetei* 1933

*Sarcophyton moseri* 1933

*Sarcophyton tersum* 1932

*Stereonephthya campanulata* 1933

*Xenia amparoi* 1933

*Xenia cylindrica* 1933

*Xenia delicata* 1933

*Xenia felicianoi* 1933

*Xenia fisheri* 1933

*Xenia flava* 1933

*Xenia intermedia* 1933  
*Xenia kukenthali* 1933  
*Xenia lilieae* 1933  
*Xenia mayi* 1933  
*Xenia puertogalerae* 1933  
*Xenia schenki* 1933  
*Xenia tripartita* 1933

# Hilton Rocha

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hilton Ribeiro da Rocha, Brazilian ophthalmologist (Cambuquira, Minas Gerais State 23 December 1911 – Belo Horizonte 23 May 1993)

Authored over 100 papers

## ACHIEVEMENTS

Improved surgical technique for catarata with intraocular lens implant

Developed an immune therapy for retinitis pigmentosa

Discovered a method of viewing the angle of the anterior chamber

With L.J. Antunes, L.E. Ferreira & J.A. Nogueira Machado. Lymphocytes and glucocorticosteroids in vitro: a new auxiliary technique for identification of open angle glaucoma. *Metabolic Ophthal.* 2:15-17, 1978

## SOME BIBLIOGRAPHY

O ângulo da câmara anterior. Thesis (1942)

With J. Alves Garcia. Ophthalmoplegia externa bilateral congênita familiar. *Brasil Med.* 4:4, 1937

Roentgen examination in ophthalmology. *Ophthalmos* 1:62-78, 1939

With P. Elejalde. Em torno da classificação dos gliomas da retina. *Ophthalmos* 2:294-307, 1941

Molluscum contagioso. *Ophthalmos* 2, 1943

With E. Coscarelli. Lenticone anterior. *Ophthalmos* 2:219-26, 1943

Cromomicose conjuntival primitiva. *Ophthalmos* 3(2):205-18, 1943

Hipoplasia do nervo óptico. *Arq. Bras. Oftalm.* 8:1-9, 1945

With R. Soares. Conjuntivite lenhosa. *Rev.Bras. Oftalm.* 14(1):17-36, 1955

Ya-til une ophtalmie sympathique sans perforation? *Bull. Mem. Soc. Franc. Ophtal*, 1959

With J.M. Queiroz. Ensaios de hetero-transplante lamellar e desidratação da córnea pelo cloreto de sódio. *Arq. Inst. Penido Burnier* 18, 1961

With P.G. Galvão. Caso de cisticerco subretiniano juxta-papilar tratado pela fotocoagulação. *Rev. Bras. Oftal.* 22:41-49, 1963

With P. G. Galvão. Contribution a la thérapeutique du cysticerque intraoculaire. *Bull. Mem. Soc. Franc. d'Opht* 79:401, 1966

With P.G. Galvão. Immunological aspects of corneal heterografts. *Int. Ophthal. Clin.* 6:19, 1966

Some aspects of cryo-ophthalmology. *Akt. Ophthal. Probl.* 65:126-46, 1974

Der transferfaktor in der Ophthalmologie. *Klin. Monatsbl. Augenheild* 171:63-70, 1977

With L.J. Antunes. Primary retinitis pigmentosa: Autoimmunity? *Metab. Ophthalmol* 1:153-6, 1977

With P. G. Galvão , L.J. Antunes & J. Boteon. Imunología e córnea. *Anais Oftalm.* 1(1):47-80, 1982

Patologia do segmento posterior como causa de deficiência visual na infância. *Anais Oftalm.* 2(1):92-5, 1983

Progressos e tendências no tratamento dos tumores intraoculares. *Anais Oftalm.* 3(1):43-53, 1984

AgS. Uveites e retinose pigmentar. *Arqu. Bras. Oftalm.* 50(2):94-9, 1987

## HONORS

Chevalier d' Honner, Santé Publique de France

Cavara Medal, Univ. Eye Clinic, Rome

# Hipolito Unanue

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Hipólito Unanue Pavón, Peruvian physician, politician, geographer and naturalist (Arica 13 August 1755 – Cañete 15 July 1833)

Anticipated many concepts of anthropogeography and was praised by famous scientists like Humboldt, Nordenflicht, Haenke, Ruiz and Pavón between others

Observaciones sobre el clima de Lima y sus influencias en los seres organizados en especial al hombre (1806)

Presented the first medical and chemical study of coca leaves

Sobre el cultivo, comercio y virtudes de la famosa planta del Perú nombrada coca (1794)

Member of scientific societies like that of Philadelphia, New York, Madrid and Bayern

Acting president of Peru (01 April 1825 – 05 January 1826 and 25 February 1826– 28 June 1826)

# Hiroshi Nagai

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hiroshi Nagai, Japanese-born Brazilian plant breeder and pathologist (Tokyo 17 July 1935 – Campinas, São Paulo State 2003)

Authored over 100 scientific and popular works

Developed heat and disease-resistant cultivars of lettuce, pepper, sweet pepper, okra, and tomato

## DEVELOPED CULTIVARS

### Tomato

Angela (1969)

Angela Gigante (1976)

Angela Gigante I-5.100 (1978)

IAC-Santa Clara (1985)

### Lettuce

Brasil 48 (1973)

Brasil 202 & 221 (1977)

Brasil 303, 304 & 311 (1979)

Brasil serie 600 (1987)

### Pepper

Agronomico 10 G (1971)

Agronomico 11 (1972)

Agronomico 4 (1973)

IAC Ubatuba (1987)

### Sweet Pepper

Myr 10

Myr 29

Agronomico 8 (1968)

Agronomico 9 (1971)

Agronomico 13 (1985)

### Okra

Campinas 2 IAC-4076 (1968)

## HONOURS

BRS Nagai Tomato



# Hongji Wu

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Hongji Wu, Chinese paleontologist (fl.1974–96)

**DESCRIBED TRILOBITA GENERA**

- Chuangjianoproetus* 1977
- Coronocephalina* 1979
- Hypaproetus* 1977
- Jinnania* 1980 with Lin
- Leiaspis* 1980 with Lin
- Leioscutellum* 1977
- Lophodesella* 1980 with Lin
- Monanocephalus* 1980 with Lin
- Oidalaproetus* 1977
- Parachittidilla* 1980 with Lin
- Parainouyia* 1980 with Lin
- Parakailia* 1979
- Plebiellus* 1980 with Lin
- Proasaphisan* 1980 with Lin
- Ptyctolorenzella* 1980 with Lin
- Shanxiella* 1980 with Lin
- Squarrosoella* 1980 with Lin
- Yaojiayuella* 1980 with Lin

**HONORS**

*Wuoaspis* Ozdikmen 2009 (Trilobita)

# Hongzhao Zhang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hongzhao Zhang or Hung Cao Chang, Chinese geologist and stratigrapher (Wu County, Zhejiang Province 11 March 1877 – Nanjing 06 September 1951)

## SOME BIBLIOGRAPHY

Compilation of Chinese thermal springs (1956)

Records of ancient mining sites (1954)

The Triassic palaeogeography and stratigraphy of Yunnan (1947)

With Y.C. Sun. New graptolite faunas from Liantan, Kwangtung. Contr. Geol. Inst. Nat. Univ. Peking 29:9-17, 1947

On some new occurrences of the marine Triassic of Kueichou. Bull. Geol. Soc. China 22(1-2), 1942

Fossil fishes of Choukoutien (1936)

With P. Teilhard de Chardin, C.C. Young & W.C. Pei. On the Cenozoic formations of Kwangsi and Kwangtung. Bull. Geol. Soc. China 24:179-205, 1935

The Mesozoic orogenic mouvement South Eastern China. Geol. Surv. Kwangtung & Kwangsi Sci. Publ. 11 (1933)

On the discovery of the graptolite-shale from Liantan, Yunnan District in Kwantung Province and its Stratigraphic Correlations. Bull. Geol. Soc. China (1933)

A brief summary of the tertiary formations of inner Mongolia and their correlation with Europe and North America (1931)

Permian plants from the La-Shih Pa and Tien-Lo Chung Coalfields, Northeast of Chu-Chiang Kwantung. Palaeont. Mem. Geol. Surv. Kwantung & Kwangsi (1930)

A preliminary report on the identification of some Lower Devonian brachiopods and pelecypods of Kwangsi Province. Geol. Surv. Kwangtung & Kwangsi Sci. Publ. 3 (1929)

The Geology of Sa Shui, Szu Hui, Kuang Ning and Kao Yao Districts of West Kwangtung. Ann. Rep. Geol. Surv. Kwangtung & Kwangsi 2(2):109-117, 1928

Lapidarium sinicum: a study of minerals, rocks and fossils as shown in Chinese literature. Mem. Geol. Surv. China Series B 2:1-432, 1921

## HONORS

Genus *Changisaurus* Young 1959 (Fossil Reptilia)

Hungchaoita Zhu, Xie, Liu & Qian 1964 (Mineral)

# Houyong Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Houyong Wu, Chinese medical entomologist

## DESCRIBED VALID SIPHONAPTERA TAXA

### Genera

*Calceopsylla* 1965 with Liu & Wang

*Genoneopsylla* 1966 with Wu & Liu

*Liuopsylla* 1985 with Zhang & Liu

*Tanglha* 1977 with Liu & Wu

### Subgenus

*Neochinopsylla* 1965 with Wang & Liu

### Species

*Calceopsylla aduncata* 1965 with Liu & Wang

*Callopsylla beishanensis* 1986 with Wu & Ni

*Callopsylla changduensis* 1966 with Liu & Wu

*Callopsylla forfica* 1981 with Chen & Liu

*Callopsylla xui* 1996 with Guo & Liu

*Callopsylla zhang* 1996 with Guo & Liu

*Ceratophyllus breviprojectus* 1966 with Liu & Wu

*Ceratophyllus chutsaensis* 1962 with Liu

*Chaetopsylla media* 1979 with Wu & Tsai

*Ctenophthalmus gansuensis* 1983 with Zhang & Wang

*Ctenophthalmus proboscis* 1986 with Xie & Hu

*Ctenophthalmus quadratus* 1960 with Liu

*Dorcadia tiani* 2003 with Liu & Wu

*Frontopsylla aspiniformis* 1960 with Liu

*Frontopsylla exilidigita* 1974 with Liu & Chang

*Frontopsylla liui* 1994 with Guo & Liu

*Genoneopsylla angustidigita* 1980 with Wu & Tsai

*Genoneopsylla longisetosa* 1980 with Wu & Tsai

*Hystrichopsylla stenostema* 1974 with Liu & Chang

*Ischnopsyllus infratentus* 1988 with Wang & Liu

*Liuopsylla conica* 1985 with Zhang & Liu

*Macrostylophora cui* 1964 with Liu & Yu

*Macrostylophora wui* 2003 with Liu

*Mitchella laxisinuata* 1977 with Liu & Wu

*Mitchella megatarsalia* 1977 with Liu & Wu

*Mitchella truncata* 1977 with Liu & Wu

*Nearctopsylla brevidigita* 1965 with Wang & Liu

*Nearctopsylla liupanshanensis* 1984 with Li & Liu

*Nearctopsylla xijiensis* 1986 with Chen & Li

*Neopsylla angustimanubra* 1966 with Wu & Liu

*Neopsylla villa* 1982 with Wang & Liu

*Nycteridopsylla liui* 1988 with Chen & Liu

*Nycteridopsylla quadrispina* 2003 with Liu

*Ophthalmopsylla multichaeta* 1965 with Liu & Wu

*Palaeopsylla anserocephoides* 1981 with Zhang & Liu

*Palaeopsylla brevifrontata* 1984 with Zhang & Liu

*Palaeopsylla breviprocera* 1996 with Guo & Liu

*Paradoxopsyllus intermedium* 1994 with Guo & Liu

*Paradoxopsyllus liae* 1994 with Guo & Liu

*Paradoxopsyllus paucichaetus* 1966 with Yu & Liu

*Paraneopsylla clavata* 1982 with Lang & Liu

*Vermipsylla asymmetrica* 1965 with Liu & Wu

*Vermipsylla parallela* 1965 with Liu & Wu

*Wagnerina changi* 1995 with Zhao & Li

*Wagnerina sichuanna* 1983 with Chen & Zhai

*Xenodaeria angustiproceria* 1996 with Guo & Liu

*Xenodaeria laxiproceria* 1996 with Guo & Liu

**HONORS**

*Wuella* Wang, Pan & Yan 1997 (Acari)

# Houze Xu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Houze Xu, Chinese geodesist and geophysicist (Shexian, Anhui Province 04 May 1934 –

Developed the high approximating high abnormality and unified approximating theory of plumb line deviation and truncation error estimation with limited conditions

Worked out a scheme of double pole plate system for the computation of astrogravimetric leveling

Gave the definition of latitudinal density and density flattening of the level ellipsoid and derived integral formulae of latitudinal density for pole gravity and equator gravity

With X.G. Hao & D.J. Liu. Earth's density flattening and hypothesis of latitudinal normal density. Science in China Ser. D Earth Sci. 44(8):673-9, 2001

Proposed a new method for the determination of gravity tide parameters using wavelets

With L.T. Liu, H.P. Sun & X.H. Hao. Wavelet approach to the determination of gravity tide parameters. Science in China Ser. D Earth Sci. 43(2):158-65, 2000

# Hsien Wen Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Hsien-Wen Wu or Xianwen Wu, Chinese zoologist (Ru'ian County, Zhejiang Province 15 March 1900 – 03 April 1985)

Performed studies on ichthyology, helminthology, carcinology and comparative anatomy

## DESCRIBED NEW TAXA

### Pisces

#### Valid Genera

*Folifer* 1977

*Parasinilabeo* 1939

*Parator* 1963 with Yang, Yue & Huang

*Placocheilus* 1977

*Sinibrama* 1939

*Sinocrossocheilus* 1977

#### Valid Species

*Abbottina obtusirostris* 1931 with Wang

*Acentrogobius microps* 1963 with Chu

*Acheilognathus argenteus* 1939

*Acheilognathus meridianus* 1939

*Acheilognathus polylepis* 1964

*Acrossocheilus beijiangensis* 1977 with Lin

*Acrossocheilus longipinnis* 1939

*Altigena yunnanensis* 1977 with Lin

*Atrilinea roulei* 1931

*Cynoglossus roulei* 1932

*Cyprinus chilia* 1963 with Yang, Yue & Huang

*Cyprinus megalophthalmus* 1963

*Discherodontus parvus* 1977 with Lin

*Discogobio longibarbatus* 1977

*Engyprosoon philippensis* 1935 with Tang

*Folifer hainanensis* 1977

*Garra qiaojiensis* 1977 with Yao

*Garra yiliangensis* 1977 with Chen

*Gymnogobius nigromembranis* 1931 with Wang

*Leptobotia tientainensis* 1930

*Liobagrus marginatoides* 1930

*Liparis chefuensis* 1933 with Wang

*Microphysogobio kiatingensis* 1930

*Neosalanx tangkahkeii* 1931

*Onychostoma breve* 1977 with Chen

*Onychostoma lingi* 1939

*Parabotia maculosa* 1939

*Parasinilabeo assimilis* 1977 with Yao

*Pelteobagrus eupogoides* 1930

*Pleuronichthys lighti* 1929

*Poropontius carinatus* 1977 with Lin

*Poropontius exiguus* 1977 with Lin

*Poropontius opisthopterus* 1977

*Poropontius rhomboides* 1977 with Lin

*Psettina hainanensis* 1935 with Tang

*Pseudorasbora elongata* 1939  
*Rectoris luxiensis* 1977 with Yao  
*Rhinogobius filamentosus* 1939  
*Rhodeus lighti* 1931  
*Saurida microlepis* 1931 with Wang  
*Scartelaos gigas* 1963 with Chu  
*Sinibotia pulchra* 1939  
*Sinibotia robusta* 1939  
*Sinibotia zebra* 1939  
*Siniperca loona* 1939  
*Siniperca roulei* 1930  
*Sinocrossocheilus guizhouensis* 1977  
*Tachysurus brevicaudatus* 1930  
*Tariqilabeo bicornis* 1977  
*Tor sinensis* 1977

**Nematoda**

**Family**

Pneumospiruridae 1938 with Hu

**Genera**

*Paraleptus* 1927  
*Physalopteroides* 1940 with Liu  
*Prionchulus* 1929 with Hoepli

**Subgenus**

*Ichthyascaris* 1949

**Species**

*Alaimus multipapillatus* 1929 with Hoepli  
*Apelenchoides sinensis* 1929 with Hoepli  
*Egtitus nudus* 1929 with Hoepli  
*Cosmocera mucronata* 1945 with Kung  
*Desportesius equispiculatus* 1943 with Liu  
*Desportesius orientalis* 1933  
*Eustrongyloides sinicus* 1943 with Liu  
*Globocephalus lutrae* 1938 with Hu  
*Halocercus pingi* 1929  
*Hexametra anguinea* 1938 with Hu  
*Ichthyascaris lophii* 1949  
*Kaliocephalus assimilis* 1938 with Hu  
*Metathelazia hainanensis* 1938 with Hu  
*Monhystera spiralis* 1929 with Hoepli  
*Monhystera wangi* 1929 with Hoepli  
*Murshidia elephasi* 1934  
*Paraleptus scyllii* 1927  
*Physalopteroides dryophisi* 1940 with Liu  
*Prismatolaimus brevicaudatus* 1929 with Hoepli  
*Prismatolaimus hsuei* 1929 with Hoepli  
*Rhabdias globocephala* 1945 with Kung  
*Rhabdochona beaufortis* 1941 with Liu  
*Rictularia oligopectinea* 1938 with Hu

**Crustacea (1934)**

**Species**

*Heterochelamon purpureomanuale*  
*Potamiscus loshingensis*

*Sinolapotamon patellifer*

**HONORS**

*Wuconchona* Kang 1983 (Mollusca)

*Hsianwenia* Chang, Wang, Liu et al. 2008 (Fossil Pisces)



# Hsien Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hsien (Xian) Wu, US/Chinese biochemist (Fuzhou, Fujian, Qing 24 November 1893 – Boston 08 August 1959)

## ACHIEVEMENTS

Authored 163 publications

First to propose that protein denaturation was a purely conformational change involving folding and unfolding of peptide chains

Studies on Denaturation of Proteins. XII. A theory of denaturation. Chinese Journal of Physiology 5(4):321-44, 1931.

First to use labeled antigens for determining proteins in the presence of antibodies

Determined the quantitative relation of antibody-antigen combination

Proposed the theory of protein variation

Developed important methods with Otto Folin

With O. Folin. A revised colorimetric method for the determination of uric acid in urine. Jour. Biol. Chem. 38:459, 1919.

With O. Folin. A system of blood analysis. I. A simplified and improved method for the determination of sugar. Jour. Biol. Chem. 41:367, 1920.

Codescribed Sia-Wu test

With R.H.P. Sia. Serum globulin in Kala Azar. Chin. Med. J. 35:527, 1921

Introduced modifications to Duboscq colorimeter

## EPONYMY

Folin-Wu method

Folin-Wu pipette or tube

Folin-Wu reagent for determination of glucose

# Hsing-Chien Sze

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Hsing-Chien Sze or Xingjian Si, Chinese paleobotanist (Zhuji, Zhejiang Province 11 March 1901 – 19 July 1964)

## DESCRIBED FOSSIL PLANTAE TAXA

### Family

Sublepidodendraceae 1943

### Genera

*Acanthopteris* 1931

*Amdrupiopsis* 1952 with Li

*Changyanophyton* 1952

*Cladophlebidium* 1931

*Dictyophyllum* 1933

*Heleniodendron* 1936

*Hsiangchiphyllum* 1949

*Lopinopteris* 1958

*Macroglossopteris* 1931

*Phoroxylon* 1951

*Plagiozamiopsis* 1943

*Pseudotasniopteris* 1951

*Rhizomopsis* 1933 with Gothan

*Sinoctenis* 1931

*Sinophyllum* 1952 with Li

*Sinozamites* 1956

*Taeniocladopsis* 1956

*Yuania* 1953

## HONORS (Fossil)

*Szea* Yao & Taylor 1988 (Plantae)

*Szecalamitina* Doweld 2012 (Plantae)

*Szeczyathus* Vologdin 1957 (Archaeocyatha)

*Szecladia* Yao, Liu, Rothwell & Mapes 2000 (Plantae)

*Szeaspis* Chang 1959 (Trilobita)

*Szeioxylon* Wang, Jiang & Qin 1994 (Plantae)

*Szelepís* Liu 1979 (Pisces)

# Huaishu Xu

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Huaishu Xu, Chinese marine microbiologist (Hebei Province 07 July 1936 – Qingdao 14 June 2001)

Found and reported a new form of special survival of bacteria viable but nonculturable stable

With N. Roberts, F.L. Singleton, R.W. Atwell, D.J. Grimes & R.R. Colwell. Survival and viability of nonculturable *Escherichia coli* and *Vibrio cholerae* in the estuarine and marine environment. Microb. Ecology 8:313-23, 1982

Developed a method

With N.C. Roberts, L.B. Adams, P.A. West, R.J. Seibeling, A. Huq, M.I. Huq, R. Rahman & R.R. Colwell. An indirect fluorescent antibody staining procedure for detection of *Vibrio cholerae* serovar O1 cells in aquatic environmental samples. J. Microb. Methods 2:221-31, 1984

## SOME BIBLIOGRAPHY

With X.H. Wan, Y. Li, M.R. Zhang, Y. Jing, H.S. Pei, W.S. Ji & P. Xu. A pathogen HL-1 isolated from *Eriocheir sinensis* larvae with filamentous bacterial disease. J. Fish Sciences China 10(5):392-7, 2003

With P.S. Sudheesh & K. Jie. Random amplified polymorphic DNA-PCR typing of *Vibrio parahaemolyticus* and *Vibrio alginolyticus* isolated from cultured shrimps. Aquaculture 207 (1-2):11-7, 2002

With Z.J. Du, Y. Li, D. Yu, X.H. Wang, J.X. Chen, P.A.W. Robertson & B. Austin. Heterotrophic bacterial flora in aquaculture area around Xuejiadao. J. Ocean Univ. Qingdao 1(2):157-60, 2002

With Z.J. Du, Y. Li, D. Yu, X.H. Wang, J.X. Chen, P.A.W. Robertson & B. Austin. Heterotrophic bacterial floras in industrial area and unpolluted marine environments around Qingdao. J. Ocean Univ. Qingdao 1(1):59-62, 2002

With P.S. Sudheesh. Pathogenicity of *Vibrio parahaemolyticus* in tiger prawn *Penaeus monodon* Fabricius: possible role of extracellular proteases. Aquaculture 196:37-46, 2001

With P. Liu. RAPD analysis of genetic diversity in two Huang-Bo Sea stock families of *Penaeus chinensis*. Mar. Fish Res. 21:13-21, 2000

With J. Li, J. Yie, R.W. Foo, J.M.L. Ling & N.Y.S. Woo. Antibiotic resistance and plasmid profiles of *Vibrio* isolates from cultured silver sea bream, *Sparus barba*. Mar. Poll. Bull. 39(1-12):245-9, 1999

With J. Vandenbergh, Y. Li, L. Verdonck, J. Li, P. Sorgeloos & J. Swings. Vibrios associated with *Penaeus chinensis* (Crustacea; Decapoda) larvae in Chinese shrimp hatcheries. Aquaculture 169 (1-2):121-32, 1998

With X.H. Zhang, S. Liao, Y. Li & W.S. Ji. Studies on the pathogenic bacteria (*Vibrio natriegens*) of *Argopecten irradians* Lamarck. J. Ocean Univ. Qingdao 28(3):426-32, 1998

With J. Li. Isolation and biological characteristics of *Vibrio harveyi* affecting hatchery-reared *Penaeus chinensis* larvae. Oceanol. Limnol. Sin. 29(4):353-61, 1998

With X.H. Zhang & B. Xu. Study on diagnosis of fibrosis in *Penaeus chinensis* by indirect fluorescent antibody staining procedure. Oceanol. Limnol. Sin. 28(6):604-10, 1997

With X.H. Zhang, P. Robertson & B. Austin. Comparison of outer membrane protein profiles of *Vibrio* sp. (1997)

With B. Xu, Q.Y. Chen & J. Shi. Growth conditions for *Fusarium oxysporum*. Trans. Oceanol. Limnol. (1995)

With B. Xu, W.S.Ji & J.Shi. Pathogens and pathogenicity to *Penaeus orientalis* Kishinouye. Acta Oceanol. Sin. 13(2):297-304, 1994

With B. Xu, W.S. Ji & J. Shie. Study on the pathogen and its pathogenesis of *Penaeus chinensis*. Acta Oceanol. Sin. 15(1):98-106, 1993

With B. Xu, M.G. Ding & J.H. Mao. The food value of *Rhodopseudomonas spheroides* for *Brachionus plicatilis* in Chinese. Trans. Oceanol. Limnol. (1992)

With J.J. Byrd & R.R. Colwell. Viable but nonculturable bacteria in drinking water. Appl. Environ. Microbiol. 57:875-8, 1991

With B. Xu, W.S. Ji & R.R. Colwell. Studies on the attachment of marine bacteria to biotic and abiotic surfaces. J. Ocean Univ. Qingdao 21(2):61-8, 1991

With B. Xu & W.S.Ji. Component of bacteria and their effects on settlement substratum of larvae and scallop. J. Fish China 15(2):117-23, 1991

With F.L. Singleton, D.J. Grimes & R.R. Colwell. Microbiological studies of ocean dumping. Wastes in the Ocean 5:187-208, 1985

With P.M. Johnson & J.Mc N. Sieburth. The utilization of chroococcoid cyanobacteria by marine zooplankters but not by calanoid copepods. Ann. Inst. Oceanogr. 58 Suppl. 297-308, 1982

## HONORS

Huaishu Wang, Zhang, Yan, Qi, Yu & Zhang 2012 (Bacteria)

# Huan Wu Peng

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Huan Wu Peng, Chinese theoretical physicist (Changchun, Jilin Province 06 October 1915 – 28 February 2007)

Formulated the Heitler-Peng integral equation

With W. Heitler. Anomalous Scattering of Mesons. Phys.Rev. 62:81-2, 1942

Honored in asteroid Penghuanwu 48798

# Huey Lang Yang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Huey Lang Yang, Taiwanese bioscientist (Tainan 18 April 1944 –

Developed diagnostic kits for important diseases prevalent in the Asian population, such as human hepatitis C virus and Epstein-Barr virus for nasopharyngeal cancer

Invented a novel oral vaccine delivery system for fish

Developed several fish vaccine products

Extended to the establishment of sustainable virus free indoor production system for grouper fingerlings

With I-Min Chen developed a novel method to extract pollution-free docosahexaenoic acid from an indigenous micro-algal species

Developed EcVig, a novel grouper immune-gene associated with antiviral activity against nervous necrosis virus infection

## PATENTS

With J.C.C. Yu & J.H.Y. Lin. Oral vaccines US7807144B2 (2004)

With J.C.C. Yu & J.H.Y. Lin. Oral vaccines US6872386B2 (2001) EP1429615A1 (2002) & WO2003020040 A1 (2002)

With H.Y. Lin, T.Y. Kuo & H.I. Huang. Nervous necrosis virus proteins. US6777247B2 (2001)

With J. Todd & H.L.L. Jou. Method and kit for sample adherence to test substrate US5024933 (1991)

With J.J. Donegan. Polynucleotide composition and method for its production. EP0294595 A2 (1988) & CA1340100C (1988)

With A. Lo. A composition specific for *Neisseria gonorrhea* EP0237737 A2 (1987)

With A. Lo. Nucleotide sequence composition and method for detection of *Neisseria gonorrhea* and method for screening for a nucleotide sequence that is specific for a genetically distinct group. US4900659 A (1986)

With D. Kirtikar & R.G. Pergolizzi. Method and materials useful for the analysis and detection of genetic material EP0124124A3 (1984)

# Hugo Roberts Fernandez

April 23, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Hugo Roberts Fernandez, Cuban sanitarist and military physician (Trinidad, Las Villas Province 20 July 1868 – La Habana 05 June 1948)

Patented a thermos regulator (1925)

Invented a device to generate and inject hydrocyanic acid into antrum of the rats (Golden Medal in San Francisco World Fair, 1915)

# Hugo Salomon

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Hugo Salomon, German-born Argentine physician (Coblenz 28 February 1872 – Buenos Aires October 1954)

Described distinct morphological types of gastric bacteria in a variety of animal species (1896)

Proposed the existence of diabetes innocens (1914)

## EPONYMY

Salomon test for stomach ulcer

Salomon-Saxl or neutral sulphur test for sulphur in urine (1910)

Porges-Salomon reaction for syphilis (1908)

# Huisheng Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Huisheng Wu, Chinese helminthologist (fl.1956-94)

## DESCRIBED NEMATODA SPECIES (possibly incomplete)

*Brentisentis yangtzensis* 1989

*Freitascapillaria phoxina* 1994 with Yu

*Neoechinorhynchus saurogobi* 1989

*Phoascaris fulvidraco* 1993 with Yu & Wang

*Phoascaris longispiculum* 1991 with Wang

*Rhabdochona brevichona* 1994 with Yu & Wang

*Rhabdochona onychostomi* 1994 with Yu & Wang

*Romanomermis wuchangensis* 1985

*Sinoichthyonema ctenopharyngodon* 1973

## HONORS

*Wuinema* Yu & Wang 1992 (Nematoda)



# Hussein Foad Nagaty

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Hussein Foad Nagaty, Egyptian helminthologist and parasitologist (1903 – ?)

## DESCRIBED DIGenea/TREMATODA TAXA

### Genera

*Aphanuroides* 1962 with Abdel Aal

*Koseiria* 1942

*Mahrosa* 1961 with Abdel Aal

*Megacreadium* 1956

*Nagmia* 1930

*Neidhartia* 1937

*Paracryptogonimoides* 1961 with Abdel Aal

*Paraproctotrematoides* 1972

*Spiritestis* 1948

### Species

About 50 valid

# Hussein Mohamed Sadek

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Hussein Mohamed Sadek, Egyptian physical chemist (15 January 1917 – ?)

## SOME BIBLIOGRAPHY

With F.Y. Khalil & M.T. Hanna. Kinetics and solvent effects in the acid hydrolysis of potassium ethyl malonate in dioxane-water and acetone-water mixtures. *Monat. f. Chem.* 108(2):469-75, 1977

With A.A. El Harakani & V.M. Sabet. The dissociation constant of p-nitroanilinium ion in water-acetonitrile solvents. *Z. Phys. Chem.* 97(5-6):225-33, 1975

With V.M. Sabet. Adsorption of potential determining ions on  $\text{TiO}_2$  (1971)

With A.K. Helmy, V.M. Sabet & T.F. Tadros. Adsorption of potential determining ions at the aluminium oxide aqueous interface and the point of zero charge. *J. Electroanal. Chem.* 27:257-66, 1970

With M.S. Abu Elamayem & M. Elsemongy. Alkaline hydrolysis of acetamide in the presence of methanol glycol or glycerol. *J. Chem. UAR* (1969)

With F.Y. Khalil. Kinetics of the acid hydrolysis of benzyl acetate in glycol-water and glycerol-water mixtures. *Finn. Chem. J.* (1967)

With A.S. Rizk. Stress during the deposition of zinc on copper substrate. *J. Chem. UAR* 8(3):239-50, 1965

With M.G. Habashy. Reduction of metal oxide fines by direct mixing with mazut. III. Application to pure stannic oxide and cassiterite. *J. Appl. Chem.* 15(7):338-44, 1965

With M.G. Habashy. Reduction of metal oxide fines by direct mixing with mazut. II. Application to hematite fines. *Iron Steel* 37(7):303-6, 1964

With Th.F. Tadros & V.M. Sabet. Behaviour of hydrochloric acid solutions containing alumina. *Koll. Zeitsch. Zeitsch. f. Polym.* 199(1):56-62, 1964

Dissociation constant of p-nitroaniline in dioxin-water mixtures (1964)

With A.K. Helmy & S.K. Doss. Electrical conductance of kaolin-electrolyte systems (1964)

With F.G. Sherif & W.M. Oraby. Spectrophotometric study of the chromium (III) azide reaction. *J. Inorg. Nucl. Chem.* 24(11):1373-9, 1962

With Th.F. Tadros. Standard potentials in aqueous hydrochloric acid solutions containing suppressed succinic or p-hydroxybenzoic acid at 25° C. *Trans. Farad. Soc.* 58:2192, 1962

With Z.F. Saleeb. Conductance of acidified stannic acid solutions (1961)

With R.M. Fuoss. Electrolyte-solvent interaction. VII. Conductance of tetrabutylammonium bromide in mixed solvents. *J. Amer. Chem. Soc.* 81:4507-12, 1959

With S. Abou Haroun. Hydrochloric acid solutions containing silica. II. Potentiometric measurements. *J. Ind. Chem. Soc.* 34(6):447-51, 1957

With A. Sasson. Hydrochloric acid solutions containing silica. I. Conductivity and transport number measurements. *J. Ind. Chem. Soc.* 34 (1957)

With R.M. Fuoss. Electrolyte-solvent interaction. IV. Tetrabutylammonium bromide in methanol-carbon tetrachloride and methanol-heptane mixtures. *J. Amer. Chem. Soc.* 76(23):5897-01, 1954

With R.M. Fuoss. Electrolyte-solvent interaction. V. Tetrabutylammonium bromide in ethanol-carbon mixtures. *J. Amer. Chem. Soc.* 76(23):5902-4, 1954

With R.M. Fuoss. Electrolyte-solvent interaction. VI. Tetrabutylammonium bromide in nitrobenzene-carbon tetrachloride mixtures. *J. Amer. Chem. Soc.* 76(23):5905-9, 1954

Interaction between acids in solution. *J. Ind. Chem. Soc.* 29:846-50, 1952

Compound formation between silicic acid and hydrochloric acid. *J. Ind. Chem. Soc.* 29(7):507-10, 1952

With M.R. Fuoss. Mutual interaction of polyelectrolytes. *Science* (1949)

With T.F. Tadros & V.M. Sabet. Conductance and transport numbers of acidified sodium aluminate solutions and the zero point of charge of aluminium hydroxide

With H.S. Taylor. Heterogeneity of catalyst surfaces for chemisorptions. III. Metallic nickel

# Ida de Vattimo-Gil

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Ida de Vattimo-Gil, Brazilian botanist (Rio de Janeiro 06 January 1928 – 06 December 1993)

## DESCRIBED PLANTAE TAXA

### Lauraceae

#### Species

*Aiouea macedoana* 1967

*Aniba heringeri* 1962

*Cinnamomum caratingae* 1984

*Cinnamomum duartianum* 1967

*Cinammomum hatschbachii* 1962

*Cryptocarya jacarepaguensis* 1966

*Endlicheria balsamea* 1978

*Endlicheria goeldiana* 1967

*Jacaranda duckei* 1984

*Ocotea albescens* 1988

*Ocotea barbellata* 1977

*Ocotea basicordatifolia* 1959

*Ocotea baturitensis* 1962

*Ocotea bicolor* 1950

*Ocotea cantareirae* 1959

*Ocotea douradensis* 1988

*Ocotea duartei* 1962

*Ocotea duckei* 1982

*Ocotea duplocolorata* 1988

*Ocotea hoehnei* 1959

*Ocotea itatiaiae* 1956

*Ocotea kostermansiana* 1966

*Ocotea limae* 1962

*Ocotea loefgrenii* 1962

*Ocotea maranguapensis* 1962

*Ocotea matogrossensis* 1964

*Ocotea nunesiana* 1957

*Ocotea paulensis* 1959

*Ocotea pulchra* 1956

*Ocotea silvae* 1988

*Ocotea silvestris* 1959

*Ocotea sinaiana* 1957

*Ocotea sulcata* 1956

*Ocotea wilhelminae* 1988

*Persea jariensis* 1988

### Rafflesiaceae

#### Species

*Pilostyles stawiarskii* 1950

# Ifedayo Olawole Oladapo

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ifedayo Olawole Oladapo, Nigerian structural engineer (Ondo 24 November 1932 – Ondo 06 March 2010)

Developed limits state design method for structural concrete

## SOME BIBLIOGRAPHY

With H.J. Doechner. Tests on a 120 ft prestressed concrete bridge girder. Synopsis 291, 1973

The limit states of cracking and deflexion in prestressed concrete design (1971)

Stability of tensile cracks in prestressed concrete beams. J. Struct. Divis. (1969)

Relationship between moment capacity at flexural cracking and at ultimate in prestressed concrete beams. Proceed. ACI J. 65(10):863-74, 1968

The Strength of concrete mixes in tropical climates. West African Chartered Engineer 15:7-15, 1966

Extensibility and modulus of rupture of concrete. Byngsta Medd. Arg. 35:11-31, 1964

Rate of loading effect on moment-curvature relation in prestressed concrete beams. Proceed. ACI J. 61(7):871-87, 1964

Cracking and failure in plain concrete beam. Mag. Concr. Research 16(47):103-10, 1964

Dynamics loading of prestressed concrete beams. Mag. Concr. Research 14(40):25-32, 1962

Cracks stability in prestressed concrete beams

## HONOURS

Gold Medal for Best Student in Civil Engineering, University of Saint Andrews (1959)

Inducted Hall of Fame for Science & Technology, New York (1988)

# Ignacio Rodríguez Iturbe

April 23, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Ignacio Rodríguez Iturbe, US / Venezuelan hydraulic engineer (Caracas 08 March 1942 – 28 September 2022)

Internationally respected as expert on hydraulic climatology

Recognized as the foremost surface water hydrologist in the world

Described tridimensional fundamental structure of hydrographic cuencas and the mechanisms that give rise of them

Formulated one of the first self-similar models to simulate extreme behavior

Introduced Bayesian approaches to estimate parameters of stream flow simulating models and to select models of extremes

Developed the Geomorphological Instantaneous Unit Hydrograph (GIUH) to quantify the discharge of a basin as function of basin geometry and rainfall

First to provide a sound theoretical basis for sampling the rainfall process in space and time

Showed that organization of the basin and resulting landscape patterns are not the result of randomness but process-driven phenomena that can be quantified in terms of well-defined principles

Superheaded the use of point processes and fields to represent precipitation in space and time

Showed that simple nonlinearities in the land-atmosphere dynamics have on patterns of hydrologic variables (i.e. soil moisture)

First to connect the geomorphologic structure of the river basin to its hydrologic response with the theory of geomorphologic unit hydrograph

With A. Rinaldo defined optimal channel networks and First to establish the connection between optimality and fractal growth (1997)

First to provide a sound theoretical basis for the way drainage basins and their networks are arranged (1997)

Developed a simple model for predicting the biodiversity of fish in river networks (2008)

Developed methods to quantify the accuracy and value of hydrologic data

Introduced Bayesian approaches to improve different models for river flows and to predict the likelihood of extreme hydrological events

Showed that nature transports water and sediment out of the watershed in the most energy efficient way possible

Established equations that yielded the drainage pattern that nature will produce under different climatic and geologic conditions

Formulated the mathematical representation of rainfall as random, active point processes

Defined the concept of ecohydrology

Authored 4 papers in Nature and 23 in Proceedings of National Academy of Sciences USA

## LINKS

<https://www.princeton.edu/cee/people/data/i/irodrigu/Bio.pdf>

<https://www.princeton.edu/cee/people/data/i/irodrigu/CV.pdf>

# Ignacio Uriburu

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Ignacio Juan Francisco Uriburu Bellouard, Argentine hand surgeon (Buenos Aires 08 September 1940 – Buenos Aires 17 October 2008)

From French descent

Described a new variant of the compression syndrome of the deep motor branch at the piso-hamate hiatus and named piso-hamate hiatus syndrome

With F.J. Morchio & J.C. Marin. Compression of syndrome of the deep motor branch of the ulnar nerve (piso-hamate hiatus syndrome). J. Bone Joint Surg. 58A:145-7, 1976

## DESCRIBED TECHNIQUES

With A.E. Olazabal & M. Ciaffi. Trapeziometacarpal osteoarthritis: surgical technique and results of "stabilized resection-arthroplasty". J. Hand Surg. 17A:598-604, 1992

With F.J. Morchio, J. Marín & A. Olazabal. Arthrosis trapezio-metacarpiana. Tecnica personal. Rev. Soc. Arg. Ortop. Traumatol. 41:381-9 & 498, 1976

## RELEVANT PAPERS

With V.D. Levy. Intraosseous ganglia of the scaphoid and lunate bones: report of 15 cases in 13 patients. J. Hand Surg. 24A:508-15, 1999

With V.D. Levy. Intraosseous growth of giant cell tumours of the tendon sheath (localized nodular tenosynovitis) of the digits: report of 15 cases. J. Hand Surg. 23:732-6, 1998

# Ildefonso Perez Vigueras

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Ildefonso Perez Vigueras, Cuban veterinarian (Pinar Del Río 18 February 1892 – La Habana 14 September 1959)

Authored over 80 works

## DESCRIBED TAXA

### Family

Prosogonotrematidae 1940 (Trematoda)

### Genera

#### Trematoda

*Choanodiplostomum* 1944

*Macrorchitrema* 1940

*Paradinurus* 1958

*Prosogonotrema* 1940

*Schwartzitrema* 1941

#### Nematoda

*Laurotravassoxyluris* 1938

*Parahistiostrongylus* 1941

*Torrestrongylus* 1935

### Species

29 in Trematoda

18 in Nematoda

8 in Cestoda

2 in Diptera Culicidae

1 in Acari Ixodidae

## HONORS

*Perezitrema* Barus & Moravec 1967 (Trematoda)

# Iltyd Buller Pole-Evans

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Iltyd Buller Pole Evans, Welsh-born South African botanist and plant pathologist (Llanmaes, near Cardiff 03 September 1879 – Umtali, Rhodesia 16 October 1968)

## DESCRIBED PLANTAE & FUNGI SPECIES

### Plantae

*Aloe aculeata* 1915  
*Aloe angelica* 1934  
*Aloe globuligemma* 1915  
*Aloe longibracteata* 1915  
*Aloe petricola* 1917  
*Aloe pienaarii* 1915  
*Aloe pretoriensis* 1914  
*Aloe simii* 1917  
*Aloe sladeniana* 1920  
*Aloe supraciliata* 1916  
*Aloe wickensii* 1915

### Fungi

*Aecidium bulbines* with Hennings  
*Diplocystis junodii* with Bottomley  
*Diplodia natalensis* 1911  
*Elmerococcum peglerae*  
*Endophyllum macowanii* 1909  
*Epichloe eragrostis*  
*Haploravenelia natalensis* with Sydow & Sydow  
*Macalpinomyces pretoriensis*  
*Penicillium digitariae*  
*Puccinia dimorphothecae* 1916  
*Puccinia gerberae* 1916  
*Puccinia inflorescenticola* 1916  
*Puccinia kentanensis* 1917  
*Puccinia pienaarii*  
*Puccinia stonemanniae* 1912 with Sydow  
*Sorosporium inscopicum*  
*Sorosporium simii* 1916  
*Sorosporium tembuti* with Hennings  
*Sporisorium elionuri* with Hennings  
*Uromyces pedicellata*  
*Ustilago sladenii*

### HONORS

*Polevansia* De Winter 1966 (Poaceae)



# Imre Simon

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Imre Simon, Hungarian-born Jewish Brazilian computer scientist (Budapest 14 August 1943 – São Paulo 13 August 2009)

Authored 20 papers and 7 books

Introduced the algebraic structure known as tropical semiring to computer science

Laid the basis of multiplicities theory of tropical semiring

Introduced formal study in theoretical computer science

Characterized algebraically the class of piecewise testable elegants or Simon theorem (1972-5)

Proved a decomposition theorem in terms of the classical wreath product operation (1972)

Introduced factorization forests (1990)

Defined nondeterministic complexity of a finite automation (1990)

Improved Knuth-Morris-Pratt string searching algorithm that became Simon algorithm (1994)

With J. Brzozowski solved the problem of the effective characterization of the locally testable languages independently of McNaughton (1973)

Defined a system of finite-index congruences to classify languages in the family

Characterized two natural hierarchies i.e. piecewise testable languages and the locally testable languages

Developed an efficient algorithm for distinguishing 2 words by their subwords (2003)

Eponym of Simon congruence

# Inez Clare Verdoorn

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Inez Clare Verdoorn, South African botanist (Pretoria 15 June 1896 – 02 April 1989)

Authored over 200 botanical publications

Described 121 new plant species

Honored in genus *Inezia* E. Phillips 1932 (Asteraceae)

# Irajá Damiani Pinto

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Irajá Damiani Pinto, Brazilian invertebrate paleontologist (Porto Alegre 03 July 1919 – Porto Alegre 21 June 2014)

## DESCRIBED FOSSIL GENERA

### Insecta

*Afrochoristella* 1978 with Ornellas

*Afrosharovia* 1994 with Ornellas

*Archangelskyblatta* 1972

*Blattulopsis* 1990

*Cacurgulopsis* 1996 with Adami-Rodrigues

*Carpenteroptera* 1990

*Diaphpterum* 1999

*Fonsecablatta* 2001 with Mendes

*Fulgoringruo* 1990

*Gondwanaptera* 1981 with Ornellas

*Gondwanoperlidium* 1978 with Purper

*Latiscutella* 1974 with Ornellas

*Mesoblattinopsis* 1989

*Paracicadopsis* 2000 with Piñeiro

*Paranakermia* 1980 with Ornellas

*Perlapsocus* 2000 with Piñeiro

*Permipsythone* 1980 with Ornellas

*Pricecoris* 1974 with Ornellas

*Proedischia* 1978 with Ornellas

*Probolepicada* 1987

*Rigattoptera* 1996

*Sanctipaulus* 1956

*Sphecorydaloides* 1995

*Velisoptera* 1997 with Adami-Rodrigues

*Xenoptera* 1986

### Species (26)

### Arachnida

*Gondwanarachne* 1980 with Hunicken

### Ostracoda

*Bisulcocypis* 1958 with Sanguinetti

*Diaphanocypris* 1990 with Wuerdig

*Keslingiella* 1981 with Purper

*Nealecythere* 1983 with Purper

*Petrisigmoopsis* 1981 with Purper

*Sohnicythere* 1983 with Purper

## HONORS (Fossil)

*Irajapintoseidon* Beltan 1990 (Pisces)

*Irajatherium* Martinelli, Bonaparte, Schultz & Rubert 2005 (Mammalia)

*Irajanarkemina* Martins-Neto, Gallego & Brauckmann 2007 (Insecta)

*Pintosaurus* Piñeiro, Rojas & Ubilla 2004 (Reptilia)

*Pintopinna* Aristov 2015 (Insecta)

# Isaac Ochoterena

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jacobo Isaac Ochoterena Mendieta, Mexican biologist (Atlixco, Puebla 28 November 1885 – Ciudad de Mexico 11 April 1950)

Authored over 230 works on cell reproduction, hereditary transmission, comparative histology, câncer and onchocercosis

First to observe microfilariae in human eye (1930)

Described the helminth species *Foleyellides striatus* and *Micropleura sigmodoni* with Caballero (1932) and the fungal species *Sabouradites (aleurocloster) urenae* 1924

## SOME BIBLIOGRAPHY

El dolor desde el punto de vista biologico (1949)

El medio biologico y el estado social en las zonas oncocercosas (1948)

Lecciones acerca de lós órganos del oído y de la vista (1946)

Lecciones acerca del órgano de la vista (1945)

Distribución geográfica de los animales en Mexico (1934)

Estudios histológicos y micológicos acerca del mal de pinto (1929)

Evolución del sistema nervoso (1922)

Las cactaceas de Mexico (1922)

Estudios neurológicos (1920)

Generalidades acerca de la familia de las cactáceas y monografia de las pereskias mexicanas (1918)

La retina del Tapayaxín (1918)

Manual de tecnica histologica general (1917)

Notas de biología vegetal y de técnica microscópica (1915)

Elementos de citología (1914)

Elementos de tecnica microscópica y de histologia vegetal (1914)

Flora de Sierra de Puebla (1905)

Algo de paleontología (1903)

Tecnicas histológicas selectas usadas en el laboratório de Isaac Ochoterena

Importancia y orientación actual de la histologia

## HONORS

*Ochoterena*ea Barkley 1942 (Anacardiaceae)

*Ochoterenella* Caballero 1944 (Nematoda)

*Ochoterenatrema* Caballero 1943 (Trematoda)

*Ochoterena*ia Chavarria 1993 (Protozoa: Ciliata)

# Isaías Raw

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Isaías Raw, Jewish Brazilian biochemist (São Paulo 26 March 1927- São Paulo 14 December 2022)

## ACHIEVEMENTS

First demonstrated the possibility of sub mitochondrial fractions to catalyze oxidative phosphorylation

Showed the presence of b5 and P450 cytochromes on mitochondrial outer membrane

Established the role of b5 cytochrome in methemoglobin

With N. Petragnani & O.C. Nogueira. Methaemoglobin reduction through cytochrome b5. Nature 184:1651, 1959

Demonstrated the presence of messenger RNA in nucleolus

With R. Brentani & M. Brentani. Role of nucleolar ribonucleic acid in incorporation of ribosomal amino acid. Nature 201:1130, 1964

With T. Lau, B.J. Schmidt & A. Piva. Pain insensitivity, a new metabolic disease. Lancet 1:598-9, 1977

Claimed that is possible to produce human albumin from placenta (1989)

Obtained a new less reactive cell pertussis vaccine and a new adjuvant in an integrated process

## OBTAINED NEW COMPOUNDS

Isolated crotonase, an enzyme of oxidation cycle of fatty acids

With J.R. Stern & Del Campillo. Enzymes of fatty acid metabolism. I. General introduction. Crystalline crotonase. J. Biol. Chem. 218:971, 1956

Discovered a new cytochrome

Isolation of a cytochrome of the antimycin A sensitive pathway for DPNH oxidation. Experientia (1956)

With O.C. Nogueira & J.B. Mallet Filho. Isolation of a DPNH-diaphorase from pig liver mitochondria. Enzymology 23:123-8, 1961

With J.C. Costa Maia, J. Pudles & B.J. Schmidt. Isolation of a new urine metabolite excreted in generalized congenital analgesia. Clin. Chimica Acta 54:225-34, 1974

## PAPERS IN FAMOUS REVIEWS

The inhibitory action of hydroxylamine on biological oxidations. Science 118:159, 1953

With W. Colli. Crystalline cytochrome b5. Nature 184:1798-1823, 1959

With R. Brentaini & M. Brentaini. Messenger activity of purified RNA from rat liver nuclei. Nature 214 (5093):1122-3, 1967

## METHODS

With N.M. Frazatti-Gallina, R.M. Mourão-Fuches, R.L. Paoli, H.G. Higashi et al. Vero cell rabies vaccine produced using serum-free medium. Vaccine 23(4):511-7, 2004

With A. Cianciarullo, E. Leme, W. Beçak & F.S. Kubrusly. Ultrastructural chemical reaction to detect saturated phospholipids of a natural lung surfactant. Biotechn. Letters 23:1202-6, 2001

With S. Grellet, E.A. Martins, V.M. Gonçalves, A.P. Lopes & J. Cabrera Crespo. An associated process for the purification of immunoglobulin F, catalase, superoxide dismutase and albumin from haemolyzed human placental blood. Biotechn. Appl. Biochem. 34:135-42, 2001

With J. Cabrera Crespo, V.M. Gonçalves, E.A. Martins, S. Grellet & A.P. Lopes. Albumin purification from human placenta. Biotechnol. Appl. Biochem. 31(2):101-6, 2000

With R. Sato, Q. Quintilio et al. Alternative method to determinate microquantitation of protein with low chromophobic content. Biochem. Technology 11:617-20, 1997

An improved process for *Neisseria meningitidis* serogroup C vaccine production. XXVI Reunião Anual Soc. Bras. Bioquím, 1997

A simple method to avoid bovine IgG contamination in monoclonal antibodies production. XXVI Reunião Anual Soc. Bras. Bioquím, 1997

An improved method for meningococcus C polysaccharide purification. 10<sup>th</sup> Neisseria Congress, Baltimore, 1996

Development of an industrial method for catalase purification from human placenta. XXIV Reunião Anual Soc. Bras. Bioquím, 1995

A simple method for large scale purification of tetanus toxin. XXIV Reunião Anual Soc. Bras. Bioquím, 1995

Procedures for scaling up the recombinant 18kD hsp lepra protein production. Biotechn. Letters 9:527-32, 1995

With Y.M. Batarello, J. Cabrera Crespo, P.L. Ho & A. Carvalho. Purification of superoxide dismutase from placental haemolysate blood: a simple and efficient method. Biochem. Mol. Biol. Intern. 30:45-51, 1993

With B.J. Schmidt. Isocitric dehydrogenase in the serum as test of hepatic function. Rev. Paul. Med. 57:340-4, 1960

## PATENTS (many of them methods and processes involved in vaccine and serum production)

With Hisako G. Higashi. A test for *Vibrio cholerae* (1993)

With S.M. Lucas, B. Becerril-Luján, M. Corona-Villegas, F.I. Coronas Valderrama, F. Zamudio Zuniga, E.S. Calderón Arana, P. L. Fletcher Jr, B.M. Martin & L.D. Possani. Produção de peptídeos de escorpiões *Tityus serrulatus*, *Tityus bahiensis* e *Tityus stigmurus*, e respectiva utilização dos mesmos na imunização de cavalos, visando a obtenção de soros anti-escorpionicos PI9505982-2 A2 (1995)

With W.O. Dias, D.S.P.Q. Horton & C. Liberman. Desenvolvimento de vacina acelar anti-coqueluche pore tapa única de purificação de sobrenadante ou filtrado de cultura de *Bordetella pertussis*. PI9601748-1 A2 (1996)

With M.M. Tanizaki & J. Cabrera Crespo. Uso de ultrafiltração tangencial para a eliminação de lipopolissacarídeo durante o processo de purificação de polissacarídeo capsular de bactérias Gram negativas. PI9601749-0 A2 (1996)

With S. Lima Netto, F.S. Kubrusly, P.S. Araújo & R. Guidolin. Processo de obtenção de surfactante pulmonar natural exógeno de origem suína e produto resultante PI9900436-4 A2 (1999)

With A.M. Moro. Processo de purificação de eritropoietina PI9900437-2 A2 (1999)

With L.O. Fukasawa, R.P.F. Schenkman, M.M. Tanizaki & M.C. O. Gorla. Vacina bivalente conjugada contra meningite tipos “b” e “c”, e respectivo processo de obtenção PI0004568-3 A2 (2000)

With M.A. Sakauchi, W. Quintilio, N. Furuyama, D.S.P.Q. Horton & W.O. Dias. Processo de obtenção de vacina pertussis acelar PI 0202458-6 A2 (2002)

With C.R.R. Ramos, P.L. Ho, A.J. Simpson, N. Katz & M. Tendler. Antígenos derivados de helmintos com capacidade de conferir proteção contra parasitos PI0303266-3 A2 (2003)

With I.C. de Almeida & L.R. Raja Gabaglia Travassos. Processos de obtenção do lipossacarídeo de *Bordetella pertussis* e de obtenção e preparação do lipídio a monofosforilado de *Bordetella pertussis*, uso do lipídio a monofosforilado de *Bordetella pertussis* e vacinas PI 0303416-0 A2 (2003)

With F.S. Kubrusly, W.O. Dias, M.I. Esteves, N. Furuyama, D.S.P.Q. Horton, E. Leme, W. Quintilio, M.A. Sakauchi, S.M.A. Prado, E. Mendes & H.G. Higashi. Processo de obtenção de nova vacina pertussis celular. PI0402630-6 B1 (2004)

With M.Takagi, M.M. Tanizaki & A.P.A.A. Lorthiois. Método de obtenção de um conjugado polissacarídeo capsular e proteína que resulta num composto covalente polissacarídeo-proteína para utilização como antígeno vacinal PI 0402984-4 B1 (2004)

With M.Takagi, M.M. Tanizaki, J. Cabrera Crespo & V.M. Gonçalves. Processo de purificação de polissacarídeo capsular de microorganismos patogênicos para produção de vacina PI 0403855-0 A2 (2004)

With F.S. Kubrusly, D. Iourtov, M.A. Sakauchi, F. L. dos Santos, S.C. Dias, E. Darini, N. Furuyama, S.M. A. Prado & H. G. Higashi. Metodo para obter lipídeo a monofosforilado da *Bordetella pertussis* como um subproduto da vacina celular contra coqueluche PI0721393-0 A2 (2007)

With G.C. Barazzzone, C.T. Perciani & M.M. Tanizaki. Método de conjugação de polissacarídeo capsular a uma proteína carregadora, para uso como antígeno vacinal contra bactérias encapsuladas, utilizando o reagente cloreto de 4-(4,6dimetoxi-1,3,5-triazin-2-il)-4-metilmorfolino (dmt-mm) PI0904528-7 A2 (2009)

With L.C.C. Leite, I.P. Nascimento, D.C. Chade, R.C. Borra, F.E. Vilanova, E.F.M. Andrade, K.R.M. Leite, M. Srougi & P.M.A. Borra. Imunoterápico, composição farmacêutica e uso de imunoterápico para manufatura de medicamento para uso no tratamento de câncer PI 0904468-0 A2 (2009)

With P.L. Ho, E.N. Miyaji & M.L.S. de Oliveira. Composições imunogênicas sinérgicas baseadas em antígenos proteicos combinados com antígeno celular pertussis e toxinas inativadas. PI1003753-5 A2 (2010)

# Isaias Tagle Villarroel

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Isaias Tagle Villarroel, Chilean veterinary parasitologist (San Bernardo 25 August 1908 – Santiago 07 December 1976)

Authored over 80 works

Preparación de antígeno polisacarido de membrana de quiste hidatídico para el diagnóstico de la hidatidosis . Bol. Inform. Parasit. Chilenas 6(3):36-7, 1951

Nuevo tratamiento de la sarna ovina. Agrario 429-30 (16):49-52, 1951

## SOME BIBLIOGRAPHY

Presencia accidental de *Rhipicephalus sanguineus* en un perro de Santiago de Chile. Agric. Técnica 36(3):137, 1976

Ixodoidea en Chile. Bol. Chil. Parasit. 26(1-2):46-9, 1971

Parasitos de los animales domesticos en Chile. Bol. Chil. Parasit. 21:118-23, 1966

Importancia del genero *Toxocara* en la producción del síndrome “larva migrans visceral”. Bol. Chil. Parasit. 17(3):77-9, 1962

With V. Alvarez. Existencia de *Amblyomma maculatum* Koch 1844 en zorros de Chile. Bol. Chil. Parasit. 12:66, 1957

With E. Fernandez & M. Alvarez. Hidatidosis en el ganado de abasto. Arch. Int. Hidatidosis. 13:311-3, 1953

With F. Naquira & A. Neghme. La hemolisis condicionada en el diagnóstico de la hidatidosis. Comunicación preliminar. Bol. Inform. Paras. Chilenas (1952)

With H.K. Sievers & M. Sepulveda. Diferenciación de productos alimenticios de origen animal por el metodo de las precipitinas (1932)

With A. Neghme. Parasitismo del aparato digestivo del ovino y su tratamiento. Bol. Chil. Parasit.

Un caso de sarna psoroptica en un caballo

# Israel Nussenzeig

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Israel Nussenzeig, Brazilian physician (São Paulo 25 February 1923 – São Paulo 15 January 2019)

From Jewish Polish family

Conceived open kidney puncture biopsy (1955) published in Rev. Paul. Medicina 55:311-5, 1959

Established an original mathematical correlation between the arterial pressure of arms and thigh enabling the computation of pressure in a segment

With B. Tranchesì, M.F. Lion, J.T.A. Tartari, T. Fujioka & J. Tranchesì. Pressão arterial nos membros superiores e inferiores em 600 indivíduos normais. Rev. Hosp. Clin. 15:51-76, 1950

Showed the presence of brain embolism in patients with chronic Chagas disease

With B.L. Wajchenberg, A. Spina-França, R. Macruz, J. Timoner & L.G. Serra Azul. Acidentes vasculares cerebrais embólicos na cardiopatia chagásica crônica. Arq. Neuropsiqu. 11:386-402, 1953

First report in medical literature to reproduce in man the nephrotic syndrome by utilization of aminonucleoside in lab animals

With J.B. Magaldi, C.V. de Faria & J.L. de Faria. Aminonucleoside induced nephrotic syndrome in human beings. Proc. 2nd Int. Congr. Nephrol. (1963)

First report in literature about the occurrence of a true polyuria in the diuretic phase

With J.B. Magaldi, E. Vasconcellos, E. Sabbaga, C. Villela de Faria, H. Pastore, T. Adachi & J.P. Rodrigues Lima. Acute renal failure produced by snake-bite of the *Crotalus* and *Bothrops* genera: occurrence of a true polyuria in the diuretic phase . IV Intern. Congr. Nephrol. (1969)

First to describe in literature the association of lupus erythematosus and relapsing nephrotic syndrome by minimal lesions glomerulopathy sensible to corticotherapy

With D. Nussenzeig. R.T. Barros, M.T. Barros & M. Marcondes. Lupus eritematoso e syndrome nefrótica por lesões mínimas: uma associação inusitada. XI Congr. Bras. Nefrol. (1982)

Anticipated the importance of protein-creatinine index for evaluation of 24-hour proteinuria

With M.S. Pestalozzi, G. Bueno Idel, R.T. Barros, L. Baccu & M.M. Machado. Protein/creatinine index in isolated samples of urine for evaluation of 24-hour proteinuria. Rev. Hosp. Clin. Fac. Med. São Paulo 44(2):58-62, 1989



# Italo Sherlock

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ítalo Rodrigues de Araújo Sherlock, Brazilian medical entomologist and parasitologist (Sobral, Ceará State 05 April 1936 – 19 March 2009)

Authored 166 papers and 10 book chapters

First showed photographically the Phlebotominae infection by *Leishmania chagasi*

Developed a method for Phlebotominae capture

With S.B. Pessoa. Métodos práticos para a captura de flebótomos. Rev. Bras. Biol. 24:331-40, 1964

With H. Bermudez, J.P. Dedet, A. L. Falcão, D. Feliciangeli, E.F. Rangel, C. Ferro de Carrasquilla, E.A.B. Galato, E.L. Gomez, E. Perez, A. Morales Alarcón, M. Torrez, R. Vignes & M. Wolff. Proposition of a standard description for Phlebotominae sand flies Parasitología 33(1):127-35, 1991

## DESCRIBED NEW TAXA

### Diptera

*Brumptomyia bragai* 1961 with Mangabeira Filho

*Brumptomyia figueiredoi* 1961 with Mangabeira Filho

*Brumptomyia mesai* 1962

*Brumptomyia virgens* 1961 with Mangabeira Filho

*Lutzomyia bahiensis* 1961 with Mangabeira Filho

*Lutzomyia dubitans* 1962

*Lutzomyia gasti* 1962

*Lutzomyia pelloni* 1959 with Alencar

*Lutzomyia viannamartinsi* 1970 with Guitton

*Phlebotomus montoyai* 1962

### Hemiptera

*Microtriatoma pratai* 1982 with Guitton

*Rhodnius paraensis* 1977 with Guitton & Miles

*Triatoma pessoai* 1967 with Serafim

*Triatoma lenti* 1967 with Serafim

## HONORS

Diplome & Medal, 2000 Outstanding Scientists of the 20th Century, International Biographical Center, Cambridge, England (1999)

Who's Who in the World (2000)

# Ivany Valio

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ivany Ferraz Marques Valio, Brazilian plant physiologist (Piraju, São Paulo State 27 February 1938 – Campinas, São Paulo 10 April 2019)

Identified and isolated the lunalaric acid, natural growth inhibitor in algae and bryophytes

With W.W. Schwabe & R.S. Burden. New natural growth inhibitor in the liverwort *Lunularia crucata* (L) Dum. Nature 223:1176–8, 1969

With T.O. Inemani & E.G. Magalhães. Detection and identification of a germination inhibitor in *Myroxylon peruiferum* L.f. seeds (1984)

First report to focus on the role of diaspore banks of bryophytes in tropical rain forests

With A.S. Maciel Silva & H. Rydin. Diaspore bank of bryophytes in tropical rain forests: the importance of breeding system, phylum and microhabitat. Oecologia 168(2):321–33, 2012

# Ivo Pitanguy

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ivo Hécio Jardim de Campos Pitanguy, Brazilian plastic surgeon (Belo Horizonte 05 July 1923 – Rio de Janeiro 06 August 2016)

Recognized as one of the world's most eminent plastic surgeons

Regarded as father of cosmetic surgery

Authored over 800 works between papers, book chapters and books

Authored Aesthetic and Plastic Surgery of the Head and Body (1981), a reference in this field

Developed and innovated hundreds of plastic and aesthetic surgery techniques

Described transareolopapilar incision (1966)

Described lipoabdominoplasty independent from Calla (1967)

Established basic principles of breast plastic surgery (1959)

## CREATED/DEVELOPED

Aponeurotic expansion of corrugator

Block technique in frontal lifting

Juxtapilous incision with subperiosteal displacement

Hematoma treatment post facial lifting

Manufacture of Cupid's bow

Fat flap for definition of chin

Enlargement Mentoplasty with inclusion of a prosthesis

Flap of the "median raphe"

Rotation and repositioning technique of nasal ala

Fusiform incision for resection of tumors of the nasal dorsum

Transareolomamilar incision for increasing enlargement mammoplasty

transareolomamilar incision for correcting reverse nipple

Technique for correction of hypertrophic nipple

Areolomamilar complex reconstruction

Thoracobrachial dermolipectomy

Trochanteric dermolipectomy

A technique of aesthetic blepharoplasty

Surgeries associated to body contouring

Technique of ship inverted keel

Round lifting

Techniques for correction of fanned ears and chin enlargement

Plicature technique of rectoabdominal muscles in abdominoplasty

A mathematic method for following the skin aging

With E.T. Torres. Tumores da pele, nova técnica para utilização dos cortes de congelação. Trib. Med. 363:15-7, 1970

## EPONYMY

Pitanguy line  
Pitanguy dermocarilaginous ligament  
Pitanguy fat  
Pitanguy method of reduction mammaplasty  
Arié-Pitanguy mammaplasty  
Pitanguy otoplasty  
Pitanguy island technique  
Pitanguy technique for intraoperative symmetrical localization of nipple-areola complex  
Pitanguy incision  
Pitanguy nose  
Pitanguy cutaneous incision  
Pitanguy transareolar incision  
Pitanguy point  
Pitanguy semicircular excision  
Pitanguy lipectomy  
Pitanguy dermolipectomy  
Pitanguy abdominoplasty  
Pitanguy cartilage island flap technique  
Pitanguy flap demarcator  
Pitanguy method of protruding ear correction  
Pitanguy rhinoplasty  
Pitanguy mastopexy  
Pitanguy keel-like resection  
Pitanguy lateral brachiothoracoplasty  
Pitanguy suction  
Chugay-Pitanguy technique  
Pitanguy principles for projection of the submammary fold  
Pitanguy breast marker  
Pitanguy abdominal marker  
Pitanguy clamp  
Pitanguy demarcation forceps  
Pitanguy curative forceps  
Pitanguy grasping forceps  
Pitanguy sling  
Pitanguy nasal osteotome  
Costa-Pitanguy helmet  
Pitanguy rhinoplasty marker  
Martel-Pitanguy forceps

## HONORS

Doctor Philosophiae Honoris Causa, Tel Aviv University

# J.H. Robinson

April 23, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

J.H. Robinson, Barbados paleontologist and phycologist (fl. 1934-41)

## SOME BIBLIOGRAPHY

The occurrence and distribution of the diatoms in the oceanic beds of Barbados. J. Barbados Mus. Hist. Soc. 3(3):149-52, 1936

The study of the organic remains in the oceanic beds of Barbados with special reference to the diatoms. J. Barbados Mus. Hist. Soc, 1(2):80-4, 1934

Some recente marine diatoms of Barbados

## HONORS

*Robinsonetta* Hanna & Brigger 1964 (Fossil Diatoms)

# Jacob Palis

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Jacob Palis Jr., Brazilian mathematician (Uberaba, Minas Gerais State 15 March 1940 –

From Greek-Lebanese father and Syrian mother

Authored over 80 papers

Respected as one of founders of modern theory of dynamical systems and one of world's foremost in field of multivariable dynamic systems

First to prove mathematical stable systems occur in any configuration space

Proved that gradient-like dynamical systems in lower dimensions are stable providing the first class of stable systems existing on any smooth configuration space

Established the opening and structure stability of Morse-Smale systems

Demonstrated the existence of structurally stable dynamics systems in all 3-dimension compact varieties

Demonstrated the existence of dynamical cycles in non-wandering sets of dynamic systems

Demonstrated the tubular families technique

Showed that homoclinic bifurcations gave birth to a variety of dynamics complex changes and formulated a series of conjectures proposing that such mechanisms occur in global instabilities of dynamics

Suggested that homoclinic bifurcations are a main mechanism for the nonhyperbolicity of a system

Formulated a series of conjectures in which homoclinic bifurcations are the key mechanism underlying global instabilities of the dynamical behavior

Formulated a series of conjectures describing the orbiting behavior of most typical systems

With M. Viana introduced the notion of intrinsic differentiability and showed continuity of the Hausdorff dimension in the surfaces

Proved C1-stability conjecture (1987)

With J.C. Yoccoz proposed a theorem on the triviality of centralizers of diffeomorphisms and proved that the majority of centralizers for hyperbolic dynamical systems admit only trivial smooth symmetries

Revealed the fundamental role played by fractal dimensions in connection with the frequency of dynamical bifurcations

Formulated a conjecture relating the structure of the arithmetic difference of fractal sets to their fractal dimensions (solved by Moreira and Yoccoz)

Introduced the use of certain smooth invariants for topological equivalence of dynamical systems

With F. Takens proved that most parametrized families of gradient-like vector fields are stable

Created the notion of stable foliations

## EPONYMY

Palis conjecture (1980s)

Palis-Smale theorem

Palis-Smale stability conjectures

Malta-Palis theorem

Palis lambda lemma

Hirsch-Palis-Pugh-Shub theorem

Palis invariant

Palis program

## HONOURS

Invited Speaker, International Congress of Mathematics, Helsinki (1978)

President, International Mathematical Union (1999-2002)

Associate Foreign Member, National Academy of Sciences (2001) & Academie Française des Sciences (2002)

International Prize in Mathematics, Accademia Nazionale dei Lincei (2008)

Balzan Prize for Mathematics (2010)

Solomon Lefschetz Medal, Mathematical Congress of the Americas (2013)

## LINKS

[http://w3.impa.br/~jpalis/links/vitae/CV\\_2012.pdf](http://w3.impa.br/~jpalis/links/vitae/CV_2012.pdf)

# Jae Hyung Shim

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Jae Hyung Shim, South Korean marine ecologist (05 February 1938 –

## SOME BIBLIOGRAPHY

With B.K. Khim, H. Yoon, Y.C. Kang & Y.H. Jang. Lithogenic and biogenic particle deposition in an Antarctic coastal environment (Marian Cove, King George Island): seasonal patterns from a sediment trap study. *Estuar. Coast. Shelf Sci.* 73(1):111-22, 2007

With H.J. Jeong, J.S. Kim, Y.D. Yoo, S.T. Kim et al. Feeding by the heterotrophic *Oxyrrhis marina* on the red-tide Raphidophyte *Heterosigma akashiwo*: a potential biological method to control red-tide using mass-cultured grazers. *J. Eukaryot. Microbiol.* 50(4):274-82, 2003

With H.J. Jeong, C.W.Lee, J.S.Kim & S.M. Koh. Growth and grazing rates of the marine planktonic ciliate *Strombidinopsis* on red-tide and toxic dinoflagellates. *J. Eukaryot. Microbiol.* 46(1):69-76, 1999

With M.G. Park, S.R. Yang, S.H. Kang & K.H. Chung. Phytoplankton biomass and primary production in the marginal ice zone of the Northwestern Weddell Sea during austral summer. *Polar Biology* 21(4):251-61, 1999

With J.H. Kang, B.C. Cho, S.J. Pae & W.S. Kim. The microalgal attachment and its growth on the artificial surfaces immersed in seawater. II. Chlorophyll a and primary productivity. *The Sea* 4(2), 1999

With J.H. Kang, B.C. Cho & J.K. Choi. An effect of pre-attached bacteria on attachment of diatoms to artificial surfaces immersed in seawater. *The Sea* 3(4), 1998

With J.H. Kang, B.C. Cho & W.S. Kim. The microalgal attachment and its growth on the artificial surfaces immersed in seawater. I. Attachment and micro-succession. *The Sea* 3(4), 1998

With B.C. Cho, M.G. Park & F. Azam. Significance of bacteria in urea dynamics in coastal surface waters. *Mar. Ecol. Progr. Ser.* 142:19-26, 1996

With M.G. Park & B.C. Cho. Adaptations of estuarine and freshwater phytoplankton to urea decomposition. *J. Oceanol. Soc. Korea* 28:323-31, 1993

With B. Kim & K.S. Cho. Temporal and spatial variation of chlorophyll a concentration in Lake Soyang. *J. Kor. Wat. Pollut. Res. Contr.* Vol. 1(1):18-23, 1985

With M. Chang & J.H. Lee. A study on the phytoplankton of the Yellow Sea in Summer 1983

Biological oceanography of the Gamayang Bay- The Yeolja Baywater System (1980)

A taxonomic study of marine planktonic diatoms of Vancouver Island coastal waters (1977)

Distribution and taxonomy of planktonic marine diatoms in the Strait of Georgia, BC. Doctoral Thesis, University of British Columbia (1976)

The Composition and Abundance distribution of zooplankton in the vicinity of Yeosu, Korea

## HONORS

*Shimia* Choi & Cho 2006 (Bacteria)

# Jagannathan Vijaya

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jagannathan Vijaya, Indian herpetologist (29 October 1959 – Kerala State April 1987)

## SOME BIBLIOGRAPHY

Status of the forest cane turtle (*Geoemyda sylvatica*). Hamadryad 13(2):10, 1988

With E.O. Moll & B. Groombridge. Redescription of the cane turtle with notes on its natural history and classification. J. Bombay Nat. Hist. Soc. Cent. Suppl. 83:112-6, 1987

With E.O. Moll. Distribution records for some Indian turtles. J. Bombay Nat. Hist. Soc. 83(1):57-62, 1986

Nest of *Varanus bengalensis*. Hamadryad 6(3):81, 10, 1985

Cane turtle (*Geoemyda sylvatica*) study project in Kerala. Hamadryad 9:4, 1984

Rediscovery of the Forest Cane Turtle, *Heosemys (Geoemyda) sylvatica* (Reptilia, Testudinata, Emydidae) from Chalakudy Forests in Kerala. J. Bombay Nat. Hist. Soc. 79(3):676-7, 1983

Auditory cues as possible stimuli for hatching eggs of the flap-shell turtle *Lissemys punctata granosa*. Hamadryad 8:23, 1983

Second search for cane turtles *Heosemys sylvatica* in Kerala. Hamadryad 8(1):20, 1983

The Travancore tortoise *Geochelone travancorica*. Hamadryad 8:11-3, 1983

The Flapshell turtles. Hornbill 3:12-4, 1982

*Pelochelys bibroni* from the Gahirmata coast, Orissa. Hamadryad 7:17, 1982

With P. Manna. A preliminary status survey of fresh water turtles in West Bengal, India. Report to WWF (1982)

Breeding notes. Hamadryad 6(3):10, 1981

Successful artificial breeding of *Lissemys punctata granosa*. J. Bombay Nat. Hist. Soc. 79:210-1, 1981

## HONORS

*Vijayachelys* Praschag, Schmidt, Fritzsche, Muller, Gemel & Fritz 2006 (Reptilia: Chelonia)



# Jaime Rafecas

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jaime Luis Rafecas García, Argentine-born Peruvian mechanical engineer (Buenos Aires 01 September 1941 –

## PERUVIAN PATENTS (mainly seals)

precinto de seguridade con sello de doble andaje (1997)

precinto metálico rígido de doble seguro para contenedores (1999)

precinto de seguridade fijo con cierre triple (2001)

precinto de seguridade ajustable con traba oculta (2002)

precinto de seguridad de multiple traba (2004)

precinto de seguridade con sello de cuatro anclajes (2005)

scanner para lectora de código de barras de tinta invisible (2006)

precinto de seguridade del tipo de cierre simple (2007)

adaptador de precinto de seguridade para caja porta medidor electrico (2007)

precinto de seguridade del tipo ajustable con cable de acero plastificado (2011)

precinto de seguridad de dos colores con sello de doble anclaje (2011)

# James Leonard Brierley Smith

June 29, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

James Leonard Brierley Smith, South African ichthyologist (Graaff-Reinet, Eastern Cape Province 26 October 1897 – Grahamstown 07 January 1968)

He is most known for describing the first living coelacanth (1939)

Described supraorbital canal or Smith parafrontal canal and temporal canal or Smith supratemporal canal both in *Latimeria chalumnae* (1939)

## DESCRIBED PISCES TAXA

### Valid Genera

*Anisochromis* 1954

*Apogonichthyoides* 1949

*Argyrozona* 1938

*Aspasmodes* 1957

*Austrobatrachus* 1949

*Barchatus* 1952

*Batrachthys* 1934

*Bolbometopon* 1956

*Bryaninops* 1959

*Cabillus* 1959

*Calumia* 1958

*Cancelloxus* 1961

*Cetoscarus* 1956

*Chalinops* 1963

*Chatrabus* 1949

*Cheimerius* 1938

*Chelonodontops* 1958

*Chlidichthys* 1953

*Cirrhitops* 1951

*Clarkichthys* 1958

*Coryogalops* 1958

*Croilia* 1955

*Ctenogobiops* 1959

*Cymatoceps* 1938

*Dermatopsoides* 1948

*Eckloniaichthys* 1943

*Feia* 1959

*Fucomimus* 1946

*Glyptoparus* 1959

*Halimuraena* 1952

*Hipposcarus* 1956

*Hirculops* 1959

*Hypogaleus* 1957

*Jaydia* 1961

*Laiphognathus* 1955

*Latimeria* 1939

*Lissonanchus* 1966

*Luposicya* 1959

*Muraenoclinus* 1946

*Nemanthias* 1954

*Neoscorpis* 1931

*Oplomops* 1959

*Palutrus* 1959  
*Paroncheilus* 1964  
*Pavoclinus* 1946  
*Pereulixia* 1959  
*Petrus* 1938  
*Porcostoma* 1938  
*Powellichthys* 1966  
*Psammogobius* 1935  
*Pseudamiops* 1954  
*Ptarmus* 1947  
*Pterogymnus* 1938  
*Richardsonichthys* 1958  
*Riekertia* 1952  
*Saloptia* 1964  
*Sanopus* 1952  
*Silhouettea* 1959  
*Sparodon* 1938  
*Stanulus* 1959  
*Suezichthys* 1958  
*Sufflogobius* 1956  
*Suttonia* 1953  
*Teixeirichthys* 1953  
*Teramulus* 1965  
*Thamnaconus* 1949  
*Tomiyamichthys* 1956  
*Trigloporus* 1934  
*Vanderhorstia* 1949  
*Xenopoclinus* 1948

**Species**

Over 375

**HONORS**

*Smithichthys* Hubbs 1952 (Pisces)

# Jan H. Oosthuizen

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jan H. Oosthuizen, South African zoologist (died 1994)

## DESCRIBED HIRUDINEA TAXA

### Genera

*Batracobdelloides* 1984

*Parapraobdella* 2011 with Phillips & Siddall

### Species

*Alboglossiphonia macrorhyncha* 1978

*Alboglossiphonia polypompholyx* 1988 with Hussein & El-Shimy

*Batracobdella cheili* 1978

*Batracobdella conjugata* 1978

*Theromyzon bifarium* 1993 with Davies

*Theromyzon trizonare* 1993 with Davies

## HONORS

*Oosthuizobdella* Sawyer 1986 (Hirudinea)

# Janardan Nanda

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Janardan Nanda, Indian electrical engineer (Cuttack, Orissa 15 August 1937 – Delhi 16 August 2016)

Authored over 350 papers

Innovated many powerful load flow algorithms widely referred

Developed an innovative model for transmission loss formulation through a set of new A coefficients

Discovered a classical model based on co-ordination equations for optimum reactive power dispatch

Demonstrated the reduction of cost of governors in power plants by a design with a higher value of speed regulation parameter than used in practice

First to propose a continuous-discrete mode strategy for automatic generation control of thermal and hydro-thermal systems

First to apply bacterial foraging technique to automatic generation control of multi-area power systems

## LINKS

<https://sites.google.com/site/profjanardannanda/home>

# Janis Racenis

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Janis Racenis, Latvian-born Venezuelan zoologist, biogeographer and ecologist (Riga 10 April 1915 – Caracas 10 April 1980)

## DESCRIBED ODONATA TAXA

### Genera

*Chrysobasis* 1959

*Hylaeonympha* 1968

*Junix* 1968

*Leucobasis* 1959

*Sciotropis* 1959

### Species

*Acanthagrion luteum* 1958

*Aedaeschna andresi* 1958

*Allopodagrion lepidum* 1959

*Anisagrion meridionale* 1953

*Brechmorhoga innupta* 1954

*Bromeliagrion fernandezianum* 1958

*Chalcothore montgomeryi* 1968

*Chrysobasis buchholzi* 1968

*Epipleoneura fernandezi* 1960

*Epipleoneura machadoi* 1960

*Epipleoneura metallica* 1955

*Epipleoneura pallida* 1960

*Epipleoneura spatulata* 1960

*Epipleoneura venezuelensis* 1955

*Helveciagrion lacustris* 1984 with Jurzitza

*Hetaerina medinai* 1968

*Hetaerina westfalii* 1968

*Hylaeonympha magoi* 1968

*Iridictyon trebbai* 1968

*Junix elumbis* 1968

*Leucobasis candicans* 1959

*Macrothemis guarauno* 1957

*Macrothemis nobilis* 1957

*Macrothemis rupicola* 1957

*Megapodagrion arachne* 1959

*Mesamphiagrion fernandezi* 1955

*Mesamphiagrion weibezahni* 1955

*Mnesarete scintilla* 1968

*Neocordulia biancoi* 1970

*Neoneura cristina* 1955

*Neoneura gaida* 1953

*Nephepeltia leonardina* 1953

*Philogenia ferox* 1959

*Rhinonaeschna draco* 1958

*Sciotropis cyclanthorum* 1959

*Tamea minuta* 1982 with De Marmels

*Tamea rustica* 1982

*Zonophora solitaria* 1970

**HONORS**

*Racenisia* Mago Leccia 1994 (Pisces)

*Racenisia* Bechyné 1958 (Coleoptera)

*Racenaeschna* Calvert 1958 (Odonata)

# Jaroslav Soukup

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jaroslav Soukup, Czech-born Peruvian Salesian priest and entomologist (Příbram 10 March 1902 – Lima 14 November 1989)

## DESCRIBED NEW TAXA

### Diptera (with A. Vimmer 1940)

#### Valid Genera

*Chaetopalpus*

*Gimnojurinella*

*Metopiopsis*

*Neocyrtophoeba*

*Parabothria*

*Pseudoophirion*

*Sarcophila*

#### Plantae

*Tropaeolum vargasianum* 1946

## HONORS

*Sokkupia* Mello-Leitão 1949 (Arachnida)



# Javier Ortiz de la Puente

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Javier Ortiz de La Puente Denegri, Peruvian zoologist (Lima 15 April 1928 – Lima 18 October 1952)

## AUTHORED

Estudio monografico de los quirópteros de Lima y alrededores. Publ. Museo Hist. Nat. Javier Prado serie A 7:1-48, 1951  
Los patos del Peru. Ser.Div.Cient. 4:3-20, 1952

## MEMBERSHIP

Member, American Society of Mammalogists (1950)

## HONORS

*Ortizia* Roewer 1952 (Arachnida)  
*Incaspiza ortizi* Zimmer 1952 (Birds)

# Jayant Vishnu Narlikar

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jayant Vishnu Narlikar, Indian cosmologist (Kolhapur, Maharashtra State 19 July 1938 –

## ACHIEVEMENTS

With F. Hoyle developed Hoyle-Narlikar conformal gravity theory

With P.K. Das provided an explanation for abnormal redshifts of quasars

With K.M.V. Apparao & N. Dadhich developed white hole concept as exploding sources of energy

With S.M.S. Chitre proposed the hypothesis of the gravitational curvature of radio waves due to the presence of galaxies (1978)

## HONORS

Prix Janssen, Société Astronomique de France (2004)

# Jayme Luiz Szwarcfiter

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Jayme Luiz Szwarcfiter, Jewish Brazilian mathematician and computer scientist (Rio de Janeiro 05 July 1942 –

With D.E. Knuth proposed a structured program to generate all topological sorting arrangements known as Knuth-Szwarcfiter sorting algorithm (1974)

With A. Itai & C. Papadimitriou proved the problem of determining whether or not an instance  $(G, s, t)$  of a Hamilton path problem has a solution is NP-complete (1982)

Showed that the general problem of optimizing the cost of a tree, given the keys, the probabilities and the page limit is NP-hard (1984)

Developed polynomial algorithm for recognizing, finding isomorphism between and finding minimum equivalent directed graphs for tree reducible graphs (1985)

Introduced the class of connectively reducible digraphs (1989)

With C.E. Bornstein characterized the clique graphs of chordal graphs and the clique graphs of path graphs (1994)

With G. Chaty gave an algorithm for generating all distinct kernels in a directed graph  $D$  with no odd directed circuits (1994)

Introduced the concept of local comparability graphs and showed that every local comparability graph is a difference of two comparability graphs (1995)

Described a characterization of clique-Helly graphs leading to a polynomial time algorithm for recognizing them (1997)

With C.L. Lucchesi & C.P. de Mello described the family of minimal graphs which are clique-complete but have no universal vertices (1998)

With F. Protti & F. França presented a parallel algorithm for generating all maximal cliques of a graph (1997)

With E. Caceres & S. Song invented a new technique, the unrestricted depth search and presented a parallel algorithm for finding the maximal cliques of a circle graph using the Coarse grained multicomputer model (2001)

With M.R. Cerioli showed that the class of starlike graphs contains the class of edge clique graphs of generalized starlike graphs and every starlike graph which is an edge clique graph is an edge clique graph of a generalized starlike graph (2002)

With M.R. Cerioli proved that a starlike threshold graph is an edge clique graph if and only if its maximal cliques and intersections of maximal cliques are triangular sets (2002)

With M. Moscarini & R. Petreschi described necessary and sufficient conditions for finding the node-search number of a uniform  $K$ -starlike graph

With P.E. Lauer developed an algorithm for enumerating all the directed circuits of a directed graph on edges, vertices and directed circuits

With D. Artigas, S. Dantas e M.C. Dourado developed a linear-time algorithm to decide if a cograph is  $p$ -convert (2011)

With C.C. Centeno, M.C. Dourado et al. described a general reduction principle for  $\text{irr}(G)$  2012

## LINKS

<http://link.springer.com/article/10.1007/s13173-011-0054-2>

# Jayme Regallo Pereira

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jayme Regallo Pereira, Brazilian pharmacologist (Manaus 03 May 1893 – São Paulo 14 August 1963)

Authored over 100 scientific works with special focus in active principles of plants

Found that frequency of discharge from the cells of the superior cervical ganglion and other peripheral nerve cells is directly proportional to the frequency of impulses delivered to them from the preganglionic fibres

With H.O. Veach. Studies on the innervation of smooth muscle. II. On the frequency of nerve impulses entering and leaving the superior cervical ganglion. J. Physiol. 60(4):329-41, 1925

Described bilikinin, a parasympathomimetic factor of the bile (1961) and the similarity between the cholinergic effects produced by bilikinin and acetylcholine (1962)

With A.O. Ramos & L. Ramos. Pharmacology of the bile II. Bilikinin, parasympathomimetic factor of the bile. Arch. Int. Pharmacodyn. Ther. 135:454-61, 1962

Invented patellometer, presented in Physiological Society of London

Physiological studies on the patellar reflex. I. The patellometer (1925)

With J.R. Guimarães & J.P. Limongi. Adrenoxil, a new hemostatic agent. Arq. Cir. Clin. Exp. 17(1):22-8, 1954

## Papers in top journals

Temperature and muscular excitability. Science 60(1544):102-3, 1924

On the influence of temperature on the tonus waves of the turtle auricle. Am. J. Physiol. 70(1):68-72, 1924

Effects of variation in frequency of stimulation of skeletal, cardiac and smooth muscle with special reference to inhibition. Am. J. Physiol. 74(2):257-84, 1925

## SOME BIBLIOGRAPHY

Morphologia clinica no thorax. Thesis (1916)

On the influence of the hydrogen ion concentration upon the oxygen consumption in sea-water fishes. Biochem. J. 18(6):1294-6, 1924

Siege périphérique de l'inhibition démontré au moyen d'excitation avec des courants induits à haute fréquence. J. Phys. Path. Generale 23(3):549-54, 1925

On the combined toxic action of light and eosin. J. Exp. Zool. 42(1):257-62, 1925

Sobre a ação fisiológica do veneno do sapo. Jornal dos Clínicos 7(8):113, 1926

Contribuição ao estudo da regulação thermica (1926)

A dualidade funcional da fibra muscular. Ann. Fac. Med. Univ. S. Paulo 2:229, 1927

Ação farmacodinâmica do álcool. Arq. Paul. Higiene Mental 2(2), 1929

With S.B. Pessoa. Contribuição ao estudo da ação photodynamica da eosina. Bras. Med. 43(5):117-8, 1929

Propriedades anaphylactizante dos crystalloides. Ann. Fac. Med. Univ. S. Paulo 5:149, 1930

Dos cardiotônicos (1932)

Lei da coagulação sanguínea. Annaes Fac. Med. S. Paulo 11(3):315-7, 1935

Farmacologia de *Picrosma crenata* (Vell.) Engl. Anais Fac. Med. S. Paulo 14:268-96, 1938

Padronização biológica das drogas. Annaes Fac. Med. S. Paulo 16(1):229-363, 1940

Análise cromatográfica do veneno de sapo (*Bufo marinus*). Rev. Bras. Biol. (1954)

With C. E. Corbett. Solução de soro albumina para o tratamento do choque

On the action of the Arnica upon the blood pressure and respiration in dogs

Maconha e outros venenos sociais. Arquivos Policia Civil São Paulo

Contribuição para o estudo das plantas alucinatórias particularmente da maconha (*Cannabis sativa*). Rev. Flora Medicinal 12(3)

Some pharmacological properties of the juice of the banana plants (1963)

Natural and synthetic bradykinin

## HONORS

Special Invited, 500<sup>th</sup> birthday Basle University & 300<sup>th</sup> Royal Society of London (1960)

# Jayme Tiomno

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jayme Tiomno, Jewish Brazilian theoretical physicist (Rio de Janeiro 16 April 1920 – Rio de Janeiro 12 January 2011)

From Bessarabian father and Ukrainian mother

Brother of chemist Feiga Rebeca Tiomno Rosenthal

## ACHIEVEMENTS

Suggested the parity disintegration with E. Frota Pessoa (1945)

With Costa Ribeiro formulated equations about thermoelectric effect (1945)

With J.A. Wheeler proposed Puppi-Tiomno-Wheeler triangle for explaining  $\frac{1}{2}$  spin to secondary meson (1947)

Rev. Modern physics 21:144 and 153, 1949.

With J.A. Wheeler proposed that electron and muon neutrinos were distinct independent from Nordheim, Pontecorvo e Puppi studies

Rev. Mod. Phys, 21:153-65, 1949

With C.N. Yang first to equate the universality of weak interaction

Physical Reviews 79:495, 1950.

With W. Schutizer authored the first work about scattering relations in nuclear reactions (1950)

Discovered the possibility of a neutral boson to be distinct from its antiparticle (experimentally confirmed in 1964)

Neutrino theories and double beta decay. Thesis. Princeton University, 1951

With W. Schutizer the first to introduce causality notion in mathematical formalism of S matrix theory known as Schutizer-Tiomno causality condition

Physical Review 83:249, 1951

Tiomno transformation

Mass Reversal and the universal Interaction. Nuovo Cimento 1:226, 1955

Proposed global  $O_7$  symmetry that generalizes isospin space (1957)

Predicted the existence of resonance in mesons and the  $K'$  meson existence (1960)

With A.L.L. Videira & N. Zagury. Possible existence of a new ( $K'$ ) meson. Physical Review Letters 6:120, 1960.

Introduced the notion of gamma 5 transformation

With L. Bediaga & E. Predazzi. A new scheme for nonleptonic decays: predictions over the  $F^+$  meson. Physics Lett. B 181:395-00, 1986

With J.L. Basdevant, I. Bediaga & E. Predazzi. A new hadronization scheme. The case of explicit charm decay. Nucl. Phys. B 294:1071-80, 1987

Physics Nobel Prize nominee (1987)

## EPONYMY

Rebouças-Tiomno-Korotkii-Obukhov space-time

Rebouças-Tiomno theorem

Yang-Tiomno classification

# Jean Nicolini

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jean Nicolini, Brazilian astronomer (São Paulo 09 April 1922 – Americana, São Paulo State 23 July 1991)

Son of French immigrants

## PERFORMANCE

With Observatoire de Paris–Meudon collaborated in determining Venus rotation period

Performed observations on TLPs in Apollo Project of NASA (1968–72)

Standard Observer, AAVSO (1961–91)

Honored in prix George Bidault de L'Isle by Société Astronomique de France for photographic researches about Venus and Mars planets (1963)

## LINKS

See <http://astronomiaemfortaleza.blogspot.com/2011/07/20-anos-sem-jean-nicolini-1922-1991.html> See <http://astronomiaemfortaleza.blogspot.com/2011/07/20-anos-sem-jean-nicolini-1922-1991.html>. (in Portuguese)

# Jerjes Pantoja-Alor

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Jerjes Pantoja-Alor, Mexican paleontologist (fl.1959)

## DESCRIBED FOSSIL TAXA

### Genera

#### Trilobita (with Robison 1968)

*Bifodina*

*Gymnagnostus*

*Leurostega*

*Plicatolinella*

*Tinaspis*

#### Mollusca (with Alencaster 1998)

*Douvillelia*

*Huetamia*

### Coelenterata

*Blastozopsammia* 2004 with Filkorn

### Species

#### Trilobita (with Robison 1968)

*Akoldinioidia sulcata*

*Angelina spinosa*

*Asaphellus artus*

*Asaphellus aspinus*

*Asaphellus communis*

*Bienvillia grandis*

*Bifodina longifrons*

*Elkanaspis variagranula*

*Gymnagnostus gongros*

*Gymnagnostus mexicanum*

*Leurostega aphelix*

*Micragnostus curvatus*

*Mictosaukia globosa*

*Onychopyge sculptura*

*Parabolinella prolata*

*Parabolinella tumifrons*

*Parabolinella variabilis*

*Pharostomina mexicana*

*Plicatolinella ocula*

*Shumardia ctenata*

*Tinaspis totoyaca*

#### Mollusca (with Alencaster)

*Amphitriscoelus pluriloculata* 2004

*Caprina massei* 1996

*Douvillelia skeltoni* 1998

*Huetamia buitronae* 1998

#### Mollusca (with Skelton & Masse 2004)

*Amphitriscoelus primaevus*

*Pantojalaria estanciensis*

#### Coelenterata (with Filkorn 2009)

*Actinaraea michoacanensis*



*Actinastrea chumbitaroensis*

*Latiphylla mexicana*

*Mycetophyllopsis azteca*

*Orbignygyra incognita*

*Ovalastrea malpaso*

*Paracycloseris effrenatus*

*Preverastraea coatlicuae*

*Preverastraea tocae*

*Saltocyathus cumburidioensis*

*Thalamocaeniopsis mexicanensis*

*Thamnarea hornosensis*

*Thamnasteria tonantzinae*

*Thecosmilia guerreroensis*

**Coelenterata (with Filkorn 2004)**

*Blastozopsammia guerreroerion*

**HONORS (Fossil Mollusca)**

*Pantojalaria* Alencaster 1996

*Jerjesia* Alencaster 1986

# Jerzy & Graciela Rzedowski

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Jerzy Rzedowski, Jewish Polish-born Mexican botanist and plant ecologist (Lwow, today Ukraine 27 December 1926 – Patzcuaro, Michoacán State 28 March 2023)

Authored about 120 papers, 9 books and 45 book chapters

Regarded as a world expert on Burseraceae family

## DESCRIBED PLANTAE TAXA

### Genera

- Bonetiella* 1957 (Anacardiaceae)
- Buchlomimus* 1965 with Reeder & Reeder (Poaceae)
- Enriquebeltrania* 1980 (Euphorbiaceae)
- Gypsacanthus* 1986 with Jaramillo (Acanthaceae)
- Mirandea* 1959 (Acanthaceae)
- Velascoa* 1997 with Calderón (Crossosomataceae)

### Species

188

## HONOURS

- Asa Gray Award, American Society of Plant Taxonomists (1995)
- Millenium Botany Award (1999)
- Cuatrecasas Medal for excellence in Tropical Botany, Smithsonian Institute (2005)
- Genus *Rzedowskia* Medrano 1981 (Celastraceae)

His wife, **Graciela Calderón Díaz-Barriga**, Mexican botanist (Salvatierra, Guanajuato State 14 July 1931-

## DESCRIBED PLANTAE TAXA

### Genera

- Lexarzanthe* 2004 with Diego (Brassicaceae)
- Velascoa* 1997 with Rzedowski (Crossosomataceae)

### Species

62

# Jesus Romo Armería

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jesús Romo Armería, Mexican organic chemist (Aguascalientes 09 October 1922 – Ciudad de Mexico 14 May 1977)

Authored 156 works

## ACHIEVEMENTS

Performed the first chemical synthesis of steroidal compounds

Isolated and determined structurally a great variety of substances from Mexican flora

With C. Djerassi isolated cuauchicine, a diterpenoid alkaloid from *Garrya laurifolia* (1954)

Isolated helenine, a sesquiterpenic lactone

Developed a method to obtain female hormones estradiol and progesterone from *Dioscorea* sp.

With G. Rosenkranz developed a method for aromatization of rings of cholesterol series compounds (1950-1)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. Steroids VII. Contribution to the bromination of  $\Delta_4$  3-ketosteroids and a new partial synthesis of natural estrogens. J. Am. Chem. Soc. 72:4534, 1950

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. Steroids VIII. The dienone-phenol rearrangement in the steroid series. Synthesis of a new class of estrogens. J. Am. Chem. Soc. 72:4540, 1950

With G. Rosenkranz & F. Sondheimer. Steroids LXXXVIII. A new synthesis of desoxycorticosterone acetate and of 16-dehydro-desoxycorticosterone acetate. J. Am. Chem. Soc. 79:5034, 1957

Described Romo de Vivar transformation, a reaction of transformation involving a 2-acetoxy-brominated compound into a 2-hydroxy-acetylated compound

With A. Romo de Vivar. Some experiments with 16  $\beta$ -bromo-17  $\alpha$ -acetoxy-20 ketosteroids. Synthesis of 16  $\alpha$ -17 $\alpha$ -dihydroxysteroids and related compounds. J. Org. Chem. 21:902-9, 1956

## Foreign Patents

16 alpha-hydroxymethyl-progesterone and derivatives US2992217A (1961)

With M.F. Sondheimer, G. Rosenkranz & C. Djerassi. Process for the production of cyclopentanophenanthrene compounds US3014031A (1959)

With G. Rosenkranz. 7 dehydridiosgenin compounds and process for making same US2867616A (1959)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. 1-methyl equilinen compounds and process for making it US2991294A (1957)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. Production of ring  $\alpha$ -aromatic steroids US3020294A (1955)

With G. Rosenkranz, G. Stork & C. Djerassi. Allopregnane 3-beta, 11-alpha, 20-beta triols and process US2712027A (1955)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. delta-7-allopregnene compounds US2924596A (1954)

With G. Rosenkranz & S. Kaufman. Production of 3-enol thioesters and esters of testosterone CA506183A (1954)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. 1-methyl estratrienes US2791592A (1954)

With G. Rosenkranz, G. Stork & C. Djerassi. Spirostan-3-ol-20-one prepared by hydrogenation of the 3,11-dione CA498231A (1953)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. Cyclopentanophenanthrene compounds and process US2702297A (1952)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. Process for the preparation of A7,9(11) and A5,7,9(11)-allospirostadien-or-allospirostratien-3-6-ols DE921694C (1951)

With C. Djerassi. Steroid sulfoxides US2698854A (1951)

With G. Rosenkranz. 16-thiobenzyl pregnenes and process US2697108A (1951)

With G. Rosenkranz. Process for the preparation of esters of steroid sapogenins with a 3-oxygroup and a spiroketal side chain in the 16,17 position. DE882548C (1951)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. 1-methyl-delta-dehydroestrogens and process US2671092A (1950)

With C. Djerassi, G. Rosenkranz, S. Kaufmann & J. Pataki. Process for producing steroid trienes US2705237A (1950)

With G. Rosenkranz. Process for producing testosterone US2609378A (1948)

**HONOURS**

Nobel Chemistry Prize nominee (1974)

# Jhillu Singh Yadav

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jhillu Singh Yadav, Indian organic chemist (Azamgarh District, Uttar Pradesh State 04 August 1950 –

Authored over 1,100 research papers (with more than 20,000 citations and h-index 60)

Designed synthesis of complex molecules with synthons

Showed the possibility of preparing many tetrahydropyran/dihydropyran containing complex macrolides in a concise and convergent manner

First to report contiguous chiral centers in a highly diastereoselective manner as a protocol for short and convergent synthesis of a variety of complex biologically active natural products with multiple chiral centers

Held over 150 patents in India and abroad

## DEVELOPED

New chiral centers in complex molecules

Several new, eco-friendly methods in organic synthesis especially for enantiomerically pure allylic and acetylenic alcohols and for spiroacetals

Methodologies for the synthesis of pharmaceuticals and agrochemicals such as Diltiazem, Ondasetron, Pyrazinamide, Ketofifen, Mefloquin and Tamoxifen

First ever highly enantioselective synthesis of propargyl alcohol derivatives from epoxy alcohol and carbohydrates

First directed-Prins cyclization protocol for the synthesis of 2,4,6-syn-trisubstituted tetrahydropyran derivatives

A unique method to resolve an acid by using half mole of chiral base and other half being inorganic base

A very new novel reaction for the asymmetric synthesis of allylic alcohol in one step in presence of titanocene reagent without compromising the stereocenter

A methodology to form trans-3-hydroxyvinyl chloride by treatment of epoxychlorides with lithium amide

New and better methods for synthesizing exceptionally complex molecules starting from carbohydrates

# Jia-an Yan

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Jia-an Yan, Chinese statistician (Yangzhou, Jiangsu Province 06 December 1941 –

Authored over 90 research papers and 9 books

Proved a definition of stochastic integrals with respect to semimartingales

Extended the Gross and Minlos theorems in infinite dimensional analysis

## CONTRIBUTIONS / BIBLIOGRAPHY

With Y.S. Song. Risk measures with comonotonic subadditivity or convexity and respecting stochastic orders. *Insur. Mathem. Econ.* 45(3):459–65, 2009

With W. Liu & W.G. Wang. A limit theorem for partial sums of random variables and its applications. *Statis. Probab. Lett.* 62(1):79–86, 2003

With Q.H. Tang. A sharp inequality for the tail probabilities of sums of i.i. d. r.v.s. with dominatedly varying tails. *Science in China (Series A)* 45(8):1006–11, 2002

With P. Li & J.M. Xia. Martingale measure method for expected utility maximization in discrete time incomplete markets. *Ann. Economics Finance* 2(2):445–65, 2001

With Z. Cao. A comparison theorem for solution of backward stochastic differential equations. *Adv. Math.* 28(1):304–8, 1999

With R.A. Carmona. A new space of white noise distributions and applications to SPDES (1995)

A formula for continuous additive functionals of nonsymmetric Hunt processes and application to Feynman-Kac transition functions. *Prob. Statist* (1992)

A formula for densities of transition functions. *Semin. Probab.* 22, 1988

A perturbation theorem for semigroups of linear operators. *Semin. Probab.* 22, 1988

A comparison theorem for semimartingales and its applications. *Semin. Probab.* 22:349–51, 1986

A formula for local times of semimartingales. *Dengbei Shuxue* 1(2):138–40, 1985

Sur une equation différentielle stochastique generale. *Semin Probab.* 14:305–15, 1980

Caractérisation d’une classe d’ensembles convexes de  $L^1$  ou  $H^1$ . *Semin. Probab.* 14:220–2, 1980

Remarques sur certaines classes de semimartingales et sur les intégrales stochastiques optionnelles. *Semin. Probab.* 14:223–6, 1980

Criteria for the uniform integrability of exponential martingales. *Acta Math. Sinica* 23(2):293–300, 1980

Some formulas for the local time of semimartingales. *Chinese Ann. Math.* 1(3–4):545–51, 1980

With P.A. Meyer. Génération d’une famille de tribus par un processus croissant. *Séminaire de Probabilités* 9:466–70, 1975

## EPONYMY

Meyer-Yan space (with Paul André Meyer)

Yan lemma (on the decomposition of a local martingale)

Kreps-Yan theorem (1980)

# Jiang / Kiang Pan

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Jiang Pan / Kiang Pan, Chinese paleontologist (fl.1955-2003)

With L.B. Halstead & Y.H. Liu. Agnathans from the Devonian of China. Nature 282 (5741):831-03, 1979

## DESCRIBED FOSSIL PISCES GENERA

- Asiaspis* 1975
- Brevipetalichthys* 1999 with Ji
- Changyanophyton* 1961
- Clarorbis* 1992 with Ji
- Dayongaspis* 1985 with Zheng
- Diandongpetalichthys* 1978 with Wang
- Duynaspis* 1978 with Wang
- Duynolepis* 1982 with Wang
- Geraspis* 1993 with Chen
- Grammaspis* 1997 with Lu
- Guangxipetalichthys* 1997 with Ji
- Hanyangaspis* 1975 with Liu
- Hohsienolepis* 1978
- Hunanolepis* 1978 with Tzen
- Hyperaspis* 1992
- Hyrceanaspis* 1982 with Janvier
- Kiangsuaspis* 1962
- Konoceraspis* 1992
- Kueichowlepis* 1975 with Wang
- Lianhuashanolepis* 1978 with Wang
- Lungmenshanaspis* 1975 with Wang
- Macrothyraspis* 1992
- Microhoplonaspis* 1992
- Nakaolinaspis* 1978 with Wang
- Neoduyunaspis* 1978 with Wang
- Neosinacanthus* 1975 with Liu
- Orientolepis* 1978 with Wang
- Paraduynaspis* 1978 with Wang
- Pentathyraspis* 1992
- Qingmenaspis* 1981 with Wang
- Sanchaspis* 1981 with Wang
- Sinacanthus* 1959
- Sinogaleaspis* 1980 with Wang
- Sinolepis* 1958 with Liu
- Sinopetalichthys* 1975 with Wang
- Sinoszechuanaspis* 1975 with Wang
- Szechuanaspis* 1975 with Wang
- Tsuifengshanolepis* 1978 with Wang
- Wangolepis* 1987
- Xichonolepis* 1978 with Wang
- Xinanpetalichthys* 1978 with Wang
- Xiushuiaspis* 1983 with Wang
- Yujiangolepis* 1988 with S T Wang & J Q Wang
- Yunnanogaleaspis* 1980 with Wang

Others

*Tuzoia sinensis* 1957 (Arthropoda)



# Jiaxiang Zhang

August 25, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jiaxiang Zhang or Chia-Hsiang Chang, Chinese astronomer (Nanjing, Jiangsu Province 30 October 1932 – 29 December 2019)

Authored one of the first studies about artificial satellite orbits in the world (with theories later proven to be accurate)

With Yuzhe Zhang. An investigation on the orbital motion of an artificial satellite. Acta astron. Sinica (1957)

Developed a numerical model of solar system dynamics

Discovered the asteroid 5384 Changjiangcun (1957)

His group discovered more than 150 new minor planets and 4 new comets (since 1960s)

## HONORS

4760 Jia-xiang (Asteroid)

# Jiazhen Tan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jiazhen Tan / Chia-chen Tan, Chinese geneticist (Ningbo, Zhejiang Province 15 September 1909 – Shanghai 01 November 2008)

Authored over 100 articles

Produced many influential works (known as Chinese Morgan)

With T. Dobzhansky & A.H. Sturtevant used the overlapping inversions to infer the phylogeny of the different chromosome types (1930s)

Pioneer in studying the genetic basis of sexual isolation

With H. Dobzhansky. Studies on hybrid sterility. III. A comparison of the chromosome structure in two related species, *Drosophila pseudoobscura* and *Drosophila miranda*. Zeits. Indukt. Abstammung. Verebrungsl. 72:88-113, 1936

Proved how gene evolved through repetition and differentiation by investigating the nature of the race-differential chromosomes in *Drosophila montium*

The nature of the race-differential chromosomes in *Drosophila montium* De Meijere. Sci. Rec. 1:178-87, 1942

Found the phenomenon of mosaic dominance in the color pattern inheritance of the beetle

Mosaic dominance in the inheritance of color patterns in the lady-bird beetles *Harmonia axyridis*. Genetics 31:195-210, 1946

## HONOURS

Honorary Life Member, New York Academy of Sciences (1999)

Foreign Member, US National Academy of Sciences (1985) & Italian National Academy of Sciences (1987)

Asteroid 3542 Tanjiazhen

# Jieping Wu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jieping Wu, Chinese urologist (Changzhou, Jiangsu Province 1917 – Beijing 02 March 2011)

Authored 150 papers and 21 books

Identified adrenal medullar hyperplasia as an independent disease

Devised a number of innovative surgical techniques including the use of a special urethral catheter for prostate hyperplasia surgery known as Wu catheter

Introduced improvements to vasoligation technique

# Jing Zhu Yue

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Jing Zhu Yue, Chinese mycologist (1935 –

**DESCRIBED NEW TAXA**

**Family**

Thyridiaceae 1987 with Eriksson

**Genera (with Eriksson)**

*Mixtura* 1990

*Sinodidymella* 1985

*Sinosphaeria* 1987

**Species**

*Fellomyces fuzhouensis* 1982

*Saccharomyces sinensis* 1977

*Sinosphaeria bambusicola* 1987 with Eriksson

**HONORS**

*Yuea* Eriksson 2003 (Fungi)

# Jinzhang Sheng

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Jinzhang Sheng, Chinese micropaleontologist and biostratigrapher (Jingjiang, Jiangsu Province 15 May 1921 – 07 January 2007)

Recognized over the world for his work in foraminiferal studies

## DESCRIBED FOSSIL TAXA

### Foraminifera

#### Genera

*Chenia* 1963

*Nanlingella* 1981 with Rui

*Protoweddekindella*

*Robustoschwagerinoides* 1984 with Wang & Zhang

*Taitzeoella* 1951

*Wutuella* 1963

#### Species

At least 152

### Radiolaria (with Wang)

#### Genus

*Longtanella* 1985

#### Species

*Cubaxonium antiquorum* 1982

*Hegleria mammilla* 1985

*Longtanella zhengpanshanensis* 1985

*Pseudoalbaillella bella* 1985

*Pseudoalbaillella longtanensis* 1985

*Pseudoalbaillella nanjingensis* 1985

*Spongotripus xintianensis* 1982

*Stauroplegma lepidum* 1982

*Stauroplegma pulcherrimum* 1982

*Stauroplegma robustospina* 1982

## HONORS (Fossil Foraminifera)

*Shengella* Yang 1985

*Jinzhangia* Ueno 2001

## HONOURS

Joseph A. Cushman Award (1996)

# Jisheng Ruan

April 24, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jisheng Ruan, Chinese microbiologist (Tangshan City, Hebei Province 1926 –

Developed a method for controlling soft rot disease of cabbage (1956)

Helped to establish the importance of spore surface ornamentation in the classification and identification of Actinomycetes (1964)

Developed a method to distinguish between aerial and substrate hyphae in coverslip cultures for recognition of actinomycete genera (1963) published in Acta Microbiologica Sinica (1974)

Discovered several new interesting bioactive compounds such as benzamides, quinazolines, azalomycin macrocyclic lactones and a new sesquiterpene from *Streptomyces* strains

With D. Qiu & Y. Huang developed improved methods for selective isolation of diverse actinomycetes of genus *Micromonospora* and a genus-specific nested PCR for rapid identification of putative *Micromonospora* isolates (2008)

## DESCRIBED BACTERIAL TAXA

### Genera

*Actinopolymorpha* 2001 with Y.M. Wang, Zhang, Xu & Y. Wang

*Amycolata* 1986 with Lechevalier, Prauser & Labeda

*Amycolatopsis* 1986 with Lechevalier, Prauser & Labeda

*Thermobifida* 1998 with Zhang & Wang

*Thermobispora* 1996 with Y. Wang & Z. Zhang

*Nomomuraea* 1998 with Zhang & Wang

### Species

93 (until 2011)

## HONORS (Bacteria)

*Jishengella* Xie, Wang, Qu, Lin, Goodfellow & Hong 2011

*Ruania* Gu, Pasciak, Luo, Gamian, Liu & Huang 2007

## LINKS

[http://www.bismis.org/files/BulletinofBISMIS\\_3-1.pdf](http://www.bismis.org/files/BulletinofBISMIS_3-1.pdf)

# Jitendra Kumar Sen

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jitendra Kumar Sen, Indian palaeobotanist (Howrah, West Bengal 02 December 1921 – Calcutta 12 December 1966)

## HONORS (Fossil)

*Senia* Khan 1969 (Plantae)

*Senotheca* Banerjee 1969 (Plantae)

*Seniasporites* Sah & Kar 1969 (Sporae)

*Senipites* Srivastava 1969 (Sporae)

*Senispora* Bandyopadhyay 1972 (Sporae)

# João Bosco Prolla

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

João Bosco Prolla, Brazilian mathematician (24 June 1935-

First to establish a vector-valued extension of Bishop's theorem

Enunciated Prolla best approximation theorem in hyperconvex metric spaces in Numer. Funct. Anal. Optimiz. 5:449-55, 1982-3.

With L. Nachbin & S. Machado proved that the polynomials of finite type from a real locally convex space into another are dense in the space of all continuous function with the compact open topology

Introduced the concept of antisymmetric set in weighted spaces (1971)

With R.M. Aron showed that the finite type polynomials on a Banach space are exactly the weakly continuous polynomials (1980)

Generalized Von Neumann's variant of Stone-Weierstrass theorem for continuous functions with range in  $[0,1]$  (1992)

With M.S. Kashimoto presented a Choquet-Deny type theorem for downward filtering convex sets of continuous functions (2006)

Eponym of Prolla-Machado condition



# João Consani Perrone

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

João Consani Perrone, Brazilian biochemist (Passa Quatro, Minas Gerais 22 January 1922 – Rio de Janeiro 20 May 1979)

With colleagues the studies about castor bean cake gave them a number of scientific discoveries

## METHODS

Perrone method (chromatographic technique for separation of dinitrophenyl aminoacids)

Separation of aminoacids as dinitrophenyl derivatives. *Nature* 167:513-5, 1951

A new method for chromatographic operating of peptides

Um novo método para o funcionamento cromatográfico de peptídeos. *Rev. Quim. Ind.* 26(300):16, 1957

Developed an industrial process for detoxifying castor bean cake

With A. Iachan, G.B. Domont, L.V. Disitzer, V.R.O. Castro, R. Roitman & S.M. Gomes. Contribuição ao estudo da torta de mamona (1966)

With A. Iachan. Novo método para a dosagem da prolina e da hidroxiprolina. *An. Acad. Bras. Cien.* 29(4):XLVI, 1957

With A. Iachan & R. Roitman. A method for the determination of proline and hydroxyproline. *An. Acad. Bras. Ciencias* 31(1):53-55, 1959

With A. Iachan & L.V. Disitzer. A new method for protein hydrolysis with crystallized oxalic acid. *An. Acad. Bras. Ciencias* 33(2):169-72, 1961

With G.B. Domont & A. Iachan developed 2 methods for the automatic determination of trypsin activity (1963)

With R.A. Moreira. Purification and partial characterization of a lectin from *Phaseolus vulgaris* L. *Plant Physiol.* 59:783-7, 1977

## PAPERS IN NATURE

Separation of aminoacids as dinitrophenyl derivatives. *Nature* 167:513-5, 1951

With A. Iachan & L.V. Disitzer. Electrophoretic heterogeneity of trypsin. *Nature* 184:1225-6, 1959

With A. Iachan, L.V. Disitzer & G. B. Domont. Fractionation of trypsin by paper electrophoresis. *Nature* 203(4090):43-5, 1964

## SOME BIBLIOGRAPHY

With S. Rosenberg & P.L. Kirk. Amperometric titration of sulphhydryl groups. *Microgram Analysis. Anal. Chem.* 22(9):1186-7, 1950

With W. Hull & P.L. Kirk. Tissue culture studies. V. Analogue for nicotinic acid. *Journal Gen. Physiol.* 34:75-9, 1950

With A. Neuberger & H.G.B. Slack. The relative metabolic inertia of tendon collagen in the rat. *Biochem. J.* 49(2):199-204, 1951

With H.M. Muir & A. Neuberger. Further isotopic studies on haemoglobin formation in the rat and rabbit. *Biochem. J.* 52(1):87-95, 1952

With L.D. Antonaccio. The salting-out curve of human serum. *An. Acad. Bras. Ciencias* 25(4):459-68, 1953

With A. Iachan & L.A. Moreira Carneiro. Reaction of formaldehyde with aromatic amino acids. I. Reaction with tryptophane. *An. Acad. Bras. Ciencias* 25:107-28, 1953

Reação do formaldeído com os ácidos aminados básicos. II. Reação com a histidina. *An. Acad. Bras. Ciencias* 27(1):35-4, 1955

Chromatography of peptides in columns of cellulose powder. A preliminary note. *An. Acad. Bras. Ciencias* 28(4):501-8, 1956

With A. Iachan. Separação cromatográfica de ácidos aminados neutros em colunas de celulose. *An. Acad. Bras. Ciencias* 30(2):17, 1958

With L.V. Disitzer & G.B. Domont. The automatic determination of trypsin activity. *An. Acad. Bras. Ciencias* 36(2):131-5, 1964

Fractionamento eletroforético das proteínas da torta de mamona (1964)

Curvas de solubilidade das proteínas da torta da mamona (1964)

Destoxicação e desalergenização da torta da mamona (1964)

With S.H. Kling, E. Solewicz, M.S.P. Dumas et al. Aproveitamento industrial das folhas de mandioca. Inform. Inst. Nac. Tecnol. 9:13-18, 1976

Os processos hidrolíticos no aproveitamento dos recursos renováveis. Silvicultura 3:23-33, 1977

With D. Parreira & E. Rodrigues. Separação cromatográfica de ácidos aminados em colunas de "Dowex 50" pelo uso de um gradiente de pH. An. Ass. Bras. Quim. 15(1-4):29-32, 19??

With J. G. de Carvalho & V.R. Osorio e Castro. Reaction of glutaraldehyde with human erythrocytes. An. Acad. Bras. Ciencias 52(2):419-26, 1980

# João de Vasconcelos Sobrinho

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

João de Vasconcelos Sobrinho, Brazilian ecologist (Moreno, Pernambuco State 28 April 1908 – Recife 04 May 1989)

Obtained worldwide fame as expert on desertification phenomenon

Considered as one of the founders of desertology

Proposed the concept of desertification nuclei (1971)

Proposed a methodology for identifying desertification processes (1978)

Much of terms coined by him are employed in ecological terminology such as desertification nuclei and canopy permeability

# João Evangelista da Silva

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

João Evangelista da Silva, Brazilian medical entomologist (fl.1956-97)

## DESCRIBED TAXA

### Diptera

#### Genus

*Barrettomyia* 1965 with Martins

#### Species

- Brumptomyia ortizi* 1971 with Falcão & Martins
- Evandromyia termitophila* 1964 with Falcão & Martins
- Lutzomyia abunaensis* 1965 with Falcão & Martins
- Lutzomyia acanthopharynx* 1962 with Falcão & Martins
- Lutzomyia appendiculata* 1961 with Falcão & Martins
- Lutzomyia bacula* 1965 with Falcão & Martins
- Lutzomyia borgmeieri* 1972 with Falcão & Martins
- Lutzomyia calcarata* 1964 with Martins
- Lutzomyia caligata* 1965 with Falcão & Martins
- Lutzomyia callipyga* 1965 with Martins
- Lutzomyia capixaba* 1987 with Falcão, Martins & Dias 1987
- Lutzomyia cipoensis* 1964 with Falcão & Martins
- Lutzomyia cuzquena* 1975 with Llanos & Martins
- Lutzomyia diacantha* 1965 with Martins
- Lutzomyia dispar* 1963 with Martins
- Lutzomyia dubia* 1965 with Falcão & Martins
- Lutzomyia elegans* 1976 with Martins & Llanos
- Lutzomyia eurypyga* 1963 with Falcão & Martins
- Lutzomyia flabellata* 1964 with Martins
- Lutzomyia fraihai* 1979 with Falcão & Martins
- Lutzomyia gasparviannai* 1962 with Godoy & Martins
- Lutzomyia goiana* 1962 with Falcão & Martins
- Lutzomyia hermanlenti* 1970 with Falcão & Martins
- Lutzomyia inornata* 1965 with Falcão & Martins
- Lutzomyia ischnacantha* 1962 with Falcão, Souza & Martins
- Lutzomyia machupicchu* 1975 with Llanos & Martins
- Lutzomyia mangabeirana* 1963 with Falcão & Martins
- Lutzomyia oliveirai* 1970 with Falcão & Martins
- Lutzomyia omagua* 1976 with Llanos & Martins
- Lutzomyia paulwilliamsi* 1977 with Falcão & Martins
- Lutzomyia petropolitana* 1968 with Martins
- Lutzomyia pusilla* 1986 with Dias, Falcão & Martins
- Lutzomyia quechua* 1975 with Llanos & Martins
- Lutzomyia ramirezi* 1982 with Falcão, Martins & Miranda
- Lutzomyia renei* 1957 with Falcão & Martins
- Lutzomyia rondoniensis* 1965 with Falcão & Martins
- Lutzomyia ruparupa* 1976 with Falcão & Martins
- Lutzomyia rupicola* 1962 with Godoy & Martins
- Lutzomyia sherlocki* 1971 with Falcão & Martins
- Lutzomyia souzalopesi* 1970 with Falcão & Martins
- Lutzomyia spathotrichia* 1963 with Falcão & Martins

*Lutzomyia teratodes* 1964 with Falcão & Martins  
*Sergentomyia schreiberi* 1975 with Falcão & Martins

**HONORS**

Subg *Silvamyia* Galati 1995 (Diptera)

# João Evangelista Rick

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Johann Evangelista Rick, Austrian-born Brazilian jesuit and mycologist (Dombim 19 January 1869 – Salvador do Sul, Rio Grande do Sul State 06 May 1946)

## DESCRIBED VALID FUNGI GENERA

*Aldrigiella* 1934

*Anthoseptobasidium* 1943

*Basidiodendron* 1938

*Brauniella* 1955

*Bresadolina* 1928

*Coniophorames* 1934

*Crystallocystidium* 1940

*Cystidiodendron* 1943

*Dacryomycetopsis* 1958

*Gloeoaeterostroma* 1938

*Gloeopeniophorella* 1934

*Grandiniochaete* 1940

*Irpicochaete* 1940

*Odontiochaete* 1940

*Protoradulum* 1933

*Radulochaete* 1940

*Stereofomes* 1928

*Zanchia* 1958

## HONORS

*Rickia* Cavara 1899 (Fungi)

# Joao Evangelista Steiner

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

João Evangelista Steiner, Brazilian astrophysicist (São Martinho, Santa Catarina State 01 March 1950 – São Martinho, Santa Catarina State 10 September 2020)

From German descent

His mother, Alzira Boeing, was a relative to brothers Wilhelm (that founded Boeing) and Werner Boeing

## ASTROPHYSICS

Discovered 20 quasars and the pulsar HD7758 Vela X-1 (1977)

With J.E. Grindlay, W.R. Forman, J. McClintock & C.R. Canizares. Discovery of low redshift x-ray quasars: a possible new key to the QSO phenomenon. Bull. Amer. Astron. Soc. 12:777, 1979

With T. Chebowski & J. Halpern. Discovery of a cataclysmic variable near Sirius (1980)

With M.G. Watson, I.M. McHardy, J.P. Pye, F.J. Jablonski & I.C. Busko. A new x-ray cataclysmic variable. Bull. Amer. Astron. Soc. 12:885, 1980

With T. Chebowski & J.P. Halpern. Discovery of a new x-ray emitting dwarf nova. Bull. Amer. Astron. Soc. 12:885, 1980

With J. Stocke, J. Liebert, T. Maccacaro & R.E. Griffiths. Discovery of a narrow line quasar. Astrophys. J. 252:69-74, 1982

With J.E. Grindlay & T. Maccacaro. Discovery of two active galactic nuclei in clusters of galaxies. Astrophys. J. 259:482-5, 1982

With Francisco Jablonski discovered a dwarf star (VY) that describes a circular path around another star in only 97 minutes (1984)

With M. Garcia, J. Patterson, D.A. Schwartz, R.S. Warwick, M.G. Watson & J.E. McClintock. Identification of two hard x-ray emitting Be stars using the HEAO-1 Scanning Modulation Collimator. Astrophys. J. 280:688-94, 1984

With F.J. Jablonski. NSV12615: an eclipsing cataclysmic variable with ultrashort period. Astrophys. J. 313(1):376, 1987

With D. Cieslinski, F.J. Jablonski & G.R. Hickel. BY Apodis: a new Mira variable. Inform. Bull. Variable Stars 4528:1, 1997

With R.B. Menezes & T.V. Ricci. Discovery of an H $\alpha$  emitting disk around the supermassive black hole of M31. Astrophys. J. Lett. 762:L29, 2013

Identified narrow lines of Seyfert galaxies as quasars

With N.P. Carleton. Correlations between infrared, optical, x-ray fluxes from Seyfert galaxies and quasars. Bull. Amer. Astron. Soc. 13:520, 1981

Proposed that LINERS galaxies display active nuclei and consequently that most galaxies have a black hole in its core (com J.P. Halperin)

With J. P. Halpern. Low ionization active galactic nuclei: x-ray or shock heated? Astrophys. J. 269:37-41, 1983

Proposed the theory of LINERS explaining such common objects as mini-quasars

Proposed the existence of a new class of stars called V Sagittae Stars and explained their luminosity as due to hydrostatic nuclear reactions on the surface of accreting white dwarfs

With M.P. Díaz. The V Sagittae stars. Publ. Astron. Soc. Pacific 110 (745):276-82, 1998

First to observe the sudden death phenomenon of binary stars

With A.S. Oliveira, D. Cieslinski & T.V. Ricci. Assisted stellar suicide in V617 Sgr. Astron. Astrophys. 447(2):1-4, 2006

Showed the mechanism of formation of ionized gas winds in black holes

With D. May. A two-stage outflow in NGC 1068. Monthly Notices of the Royal Astronomical Society 469(1), 2017

Proposed an universal outflow mechanism by black holes

With D. May, R.B. Menezes, D.R.A. Williams & J. Wang. The nuclear architecture of NGC4151: on the path toward a universal outflow in light of NGC1068. *Mont. Notices Roy. Astron. Soc.* 496(2):1488-1516,2020

## METHODS

A spectrophotometric classification of low-redshift quasars and active galactic nuclei. *Astrophys. J.* 250:469-77, 1981

With R. Baptista. Improving the eclipse mapping method. *Astron. Astrophys.* 277:331, 1993

With R.B. Menezes, T.V. Ricci & A.S. Oliveira. Mapping low and high density clouds in astrophysical nebulae by imaging forbidden line emission. *Monthly Notices of the Royal Astronomical Society* 396(2), 2009

With R.B. Menezes, T.V. Ricci & A.S. Oliveira. PCA tomography: how to extract information from data cubes. *Monthly Notices of the Royal Astronomical Society* 395(1):64-75, 2009

With R.B. Menezes & T.V. Ricci. A treatment procedure for Gemini North/NIFS data cubes: application to NGC4151. *Monthly Notices of the Royal Astronomical Society* 438:2597-20, 2014

With R.B. Menezes, P. da Silva & T.V. Ricci. A treatment procedure for VLT/SINFONI data cubes: application to NGC5643. *Monthly Notices of the Royal Astronomical Society* 450:369-96, 2015

With R.B. Menezes, T.V. Ricci & P. da Silva. A treatment procedure for GMOS/IFU data cubes: application to NGC2835. *Monthly Notices of the Royal Astronomical Society* (2019)

Adapted and improved the analysis of main components to analyze the immense amount of data generated by integral field spectroscopy (2009)

Developed differential photometry technique for viewing cataclysmic variable stars (1990s)

Developed data cube analysis method with three-dimension informations



# João Manuel Varela

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

João Manuel Varela, Cape Verdean scientist and poet (Mindelo, São Vicente Island 07 June 1937 – Mindelo, São Vicente Island 07 August 2007)

Described Varela syndrome

Atrophie systématisée de la formation réticulaire. Syndrome de dyshoméostasie du névraxe. *Revue Neurologique* (Paris), 16:437-440, 1967

Described seaweed *Chondriella isecmarius*

## SOME BIBLIOGRAPHY

A telencefalização e a morfologia do sistema talâmico de projecção difusa. Thesis, Lisboa, 1964,

Atrophies de la formation réticulaire du névraxe. *Psychiatria Clinica* 2:41-61 & 109-123, 1969. (Abridged versin in English: *Psychiatric Digest*, Illinois, 31:53, 1970)

With DeWulf et al. Études cytométriques du thalamus humain normal. *Giornal di Psichiatria e di Neuropatologia*, Ferrara, 97:361-373, 1969

With DeWulf et al. Acetylcholinesterase isoenzymes and nerve transmission. Abstracts FEBS Meeting, Madrid, 412, 1969.

With A. de Wulf et al. Acetylcholinesterase of muscle and brain of rat. Some kinetic differences. Abstracts IVth Intern. Congr. Neurochemistry, Tokyo, 412, 1973

With A. de Wulf et al. Properties and physiological significance of acetylcholinesterase isoenzymes of mammalian muscle. VIIth Sympos. Physio-Morphology of the Neuromuscular Junction. Polish Academy of Sciences, Krakow, 27-8, 1973

With A. de Wulf et al. Kinetic characterization of acetylcholinesterase of muscle and rat brain. *Experientia*, 29: 1347-1349, 1973

The reticular formation and the neuropathology of the autonomic disorders. Proceedings VIIth Inter. Congr. Neuropathology, ed. by St. Korney, St.Tariska and G.Gosztony. Akademiai Kiado, Budapest, pp. 753-756, 1975

With P. Mandel. The relative distribution of soluble and insoluble cholinesterase in rat excitable tissues. *Experientia* 32:976-977, 1976

Cryptococcose expérimentale chez la souris: neurotropisme de souches de *Cryptococcus neoformans* d'origine africaine et européenne. Monography, Institut de Médecine Tropicale, Anvers, 1981

Lesions and their mechanisms in cerebral cryptococcosis. Abstracts IIth Intern. Conf. Infect. Dis., Cairo, 410, 1985.

*Cryptococcus neoformans*: cell variability and pathogenic competence. Abstracts IVth Intern. Conf. Infect. Dis., Montreal, 1996, 1990,

Diphenol oxidase isoenzymes in the rabbit choroid and retina/retinal pigment epithelium. Abstracts of the 34th Annual Meeting AER, Granada, 93, 1993.

Isoenzymic patterns of tyrosinase in the rabbit choroid and retina/retinal pigment epithelium. *Experimental Eye Research* 60:621-629, 1995

Tetrapexity: a theory of pattern formation – Taking a special look at the brain, multicellularity, DNA and a few other biological macromolecules, ANERP, 1997.

## LINKS

[http://triplov.com/poesia/joao\\_vario/curriculo.htm](http://triplov.com/poesia/joao_vario/curriculo.htm)

# João Murça Pires

April 19, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

João Murça Pires, Brazilian botanist (Bariri, São Paulo State 08 July 1917 – Belém 21 December 1994)

Authored 65 papers

Performed the first employment of Preston lognormal curve for ecological analysis of tropical trees communities

With T.H. Dobzhansky & G.A. Black. An estimate of the number of species of trees in an Amazonian Forest Community. Botanical Gazette 114(4):467-77, 1953

With G. O. Castro & N.T. da Silva authored the paper Application of some phytosociological techniques to Brazilian rain forest. Amer. J. Bot. 43(10):911-41, 1956 with great repercussion in this field

## DESCRIBED PLANTAE TAXA

### Family

Saccifoliaceae 1978 with Maguire

### Genera

*Belemia* 1981 (Nyctaginaceae)

*Froesia* 1948 (Quiinaceae)

*Saccifolium* 1978 with Maguire (Saccifoliaceae)

### Species

*Anacardium negrense* 1948 with Froes

*Anisophylla manausensis* 1971 with Rodrigues

*Belemia fucsioides* 1981

*Chrysophyllum anomalum* 1960

*Cnestidium froesii* 1954

*Corythophora amapaensis* 1981

*Croton diasii* 2001 (posthumous)

*Dicella amazonica* 1960

*Diospyros cachimboensis* 1960 with Cavalcante

*Diospyros capimnensis* 1960 with Cavalcante

*Diospyros egleri* 1960 with Cavalcante

*Discophora froesii* 1960

*Froesia crassiflora* 1950 with Froes

*Froesia tricarpa* 1948

*Hevea camargoana* 1961

*Lacunaria opositifolia* 1954

*Lacunaria umbonata* 1954

*Manilkara cavalcantei* 1990

*Micropholis submarginalis* 1990 with Penn

*Ormosia heterophylla* 1960

*Ormosia tapajosensis* 1960

*Pouteria amapaensis* 1990 with Penn

*Pouteria brevensis* 1960

*Pouteria extaminodia* 1990 with Penn

*Pouteria jariensis* 1990 with Penn

*Pouteria oblanceolata* 1960

*Pouteria rodriguesiana* 1990 with Penn

*Pouteria tarumanensis* 1960

*Pouteria tenuisepala* 1990 with Penn

*Pouteria ucuqui* 1950 with Schultes

*Pradosia granulosa* 1990 with Penn

*Quiina blackii* 1950

*Quiina brevensis* 1960

*Quiina duckei* 1950

*Quiina guaporensis* 1960

*Quiina maguirei* 1969

*Quiina oiapocensis* 1960

*Quiina paraensis* 1950

*Quiina rigidifolia* 1950

*Quiina wurdackii* 1960

*Saccifolium bandeirae* 1978 with Maguire

*Strychnos bovetiana* 1960

*Theobroma canumaense* 1964 with Froes

*Touroulia amazonica* 1950 with Foster

## **HONORS (Poaceae)**

*Piresia* Swallen 1964

*Piresiella* Judziewicz, Zuloaga & Morrone 1993

# João Paulo Botelho Vieira

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

João Paulo Botelho Vieira, Brazilian physician (São Carlos, São Paulo State 23 July 1896 – São Paulo 22 June 1962)

Performed important studies on pemphigus foliaceus

Described evolutive phases of fogo selvagem (wild fire), a variety of endemic pemphigus foliaceus

First to report elephantiasis of the ears due to lymphangitis

Demonstrated the frequency of papillomatosis in pemphigus or wild fire

Eponym of Vieira sign a yellowish and canalization of the nail seen in fogo selvagem

## SOME BIBLIOGRAPHY

Considerações sobre o pênfigo foliáceo no Brasil (1948)

Patologia das impressões digitais (1942)

Novas contribuições ao estudo do penfigo foliáceo (fogo selvagem) no Estado de São Paulo (1940)

Quatro anos de fisioterapia aplicada à dermatologia (radioterapia subpenetrante). Rev. Assoc. Paul. Med. 7(5):245-56, 1935

Aplicação do radium nas dermatoses (1919)

# João Ramos e Silva

May 2, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

João Ramos e Silva, Brazilian dermatologist (Rio de Janeiro 11 June 1898 – 26 November 1983)

Authored over 250 works, notes, comments, conferences and book chapters

Described keratoderma marginalis volia mannum or marginal keratoderma of the palms known as Ramos e Silva disease

Queratoderma marginal das palmas. Med. Cutan. 2:27-36, 1962

Sur la “kératodermie marginal des paumes” Ann. Dermatol. Syphil. 89:24-31, 1962

Developed a intradermic reaction for sporotrichosis (Ramos e Silva-Padilha Gonçalves reaction)

Nota sobre o valor diagnóstico da esporotriquina. O Hospital 38:625, 1950

Described macrocheilitis as a manifestation of paracoccidioidomycosis

With A. Padilha Gonçalves. La macrocheilite de la blastomycose. J. B. Med. 13(5):435-9, 1967

First to observe lupus eritematosus profundus in subacute cases

With H. Portugal. Cas di Lupus érythémateux profond. Ann. Derm. Syph. 82:34, 1955

Defined clinics and diagnostic ways for South American blastomycosis

## SOME BIBLIOGRAPHY

Sobre uma forma particular de sífilis tardia das extremidades – sífilide-eritro-queratodérmica discrômica. Brasil Medico, 1929

Sobre a forma puramente cutânea da blastomicose brasileira. O Hospital 22(5):737-41, 1942

A clinical and evolutionary concept of the different aspects of leprosy. O Hospital 45:397-402, 1954

With A. Padilha Gonçalves. Sobre as formas clínicas da esporotricose. O Hospital 45:555-8, 1954

With A. Padilha Gonçalves. Sur les dyschromies des treponematoses. Ann. Dermatol. Syphil 81:491-596, 1954

L'innervation de la peau ne parait jouer aucun role dans le mécanisme de la sensibilisation de la peau au di-nitro-chlorobenzene: experiences sur des maladies atteintes de leper anesthésique. Dermatologica 111:1-8, 1955

Eritema nodoso na lepra. Bol. Serv. Nac. Lepra 15:5-8, 1956

Peri-foliculite abscondante de Hoffmann, sua possível etiologia micótica. O Hospital 50:767, 1956

Coussinets dès phalanges “Pulvillus digiti”. Ann. Dermatol. Syphil. 83:22-33, 1956

Incontinentia pigmenti. Dermatologica 115:623-32, 1957

Die keratophytia nigra (tinea nigra). In: J. Jadassohn (editor). Handbuch der haut-und Geschlechtskrankheiten. Springer-Verlag, p.463-51, 1963

Syndrome de Zinsser-Fanconi. Ann. Dermatol. Syphilgraph. 93:497-502, 1966

With R. Fleischmajer & A. Nedwich. Hyalinosis cutis et mucosae. A histochemical staining and analytical biochemical study. J. Invest. Dermatol. 52:495-503, 1969

With M.P. Netto. Leishmanids. Int. J. Dermatol. 12:104-9, 1973

Sarna nodular e sarna nodular, sua diferenciação clínica. An. Bras. Dermatol. 52:407-14, 1977

# Joao Semir

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

João Semir, Brazilian botanist (Palmital, São Paulo State 24 August 1937 – Campinas, São Paulo State 08 November 2018)

## DESCRIBED PLANTAE TAXA

### Genera

*Burlemarxia* 1991 with Menezes

*Lychnophorella* 2019 with Loeuille & Pirani

### Species

*Adenocalymma ubatubensis* 1999 with Assis

*Bulbophyllum involutum* 1998 with Borba & F. Barros

*Burlemarxia pungens* 1991 with Menezes

*Burlemarxia rodriguesii* 1991 with Menezes

*Calibrachoa eglandulata* 1998 with Stehmann

*Calibrachoa missionica* 2005 with Sethmann

*Ceiba lupuna* 2002 with Gibbs

*Chronopappus lanatus* 2019 with Loeuille & Pirani

*Colobus argenteus* 2018 with Monge

*Critoniopsis canaliculata* 2019 with Monge

*Critoniopsis hermogenesii* 2019 with Monge

*Elephantopus piauiensis* 2003 with Barros

*Euploca krapovickasii* 2009 with Melo

*Euploca pottii* 2009 with Melo

*Euploca rodaliae* 2006 with Melo

*Genipa infundibuliformis* 1995 with Zappi

*Griffinia angustifolia* 2017 with Campos Rocha & Dutilh

*Heterocoma gracilis* 2013 with Loeuille & Nakajima

*Heterocoma robinsoniana* 2013 with Loeuille & Nakajima

*Hippeastrum diniz-cruzae* 2013 with Dutilh

*Hoffmannseggella viridiflora* 2007 with Verola

*Ichthyothere matogrossensis* 2000 with Pereira

*Ichthyothere perfoliata* 2001 with Pereira

*Lepidaploa aurata* 2018 with Monge

*Lepidaploa congesta* 2019 with Monge

*Lessingianthus squamosus* 2018 with Monge

*Lychnophora grisea* 2019 with Loeuille & Pirani

*Lychnophora haplopappa* 2019 with Loeuille & Pirani

*Lychnophora nanuzae* 2014

*Lychnophora rupestris* 2014

*Lychnophorella jacobinensis* 2019 with Loeuille & Pirani

*Minasia lweinsohnii* 2004 with de Jesus

*Minasia ramosa* 2011 with Loeuille & Robinson

*Nicotiana mutabilis* 2002 with Stehmann

*Petunia secreta* 2005 with Stehmann

*Pictocarpa barbata* 2018 with Volet

*Piptolepis campestris* 2012 with Loeuille

*Piptolepis riparia* 2019 with Loeuille & Pirani

*Pleurothallis fabiobarrosii* 2000 with Borba

*Prestelia espeletoidea* 2019 with Loeuille & Pirani

*Proteopsis hermogenesii* 2019 with Loeuille & Pirani

*Tessaria andina* 2018 with Monge & Anderberg

*Vernonanthura spathulata* 2018 with Monge

**HONORS**

*Semiria* D.J.N. Hind 1999 (Asteraceae)

# João Vicente Torres Homem

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

João Vicente Torres Homem, barão de Torres Homem, Brazilian physician (Rio de Janeiro 23 November 1837 – Rio de Janeiro 04 November 1887)

## ACHIEVEMENTS

Described unknown forms of facial palsies

Conceived many therapeutic formulas against various kinds of diseases

Discovered the brain center of many clinical manifestations

Some of his works were published in Europe despite the fact they were in Portuguese language

His work about fevers has been reviewed in Archives de Médecine Navale of France and cited in Kelsch's Traite des Maladies Pathogeniques (1894)

Estudo clinico sobre as febres do Rio de Janeiro (1877)

Etude comparative des caracteres cliniques de la fièvre remittente paleudeuse, typhoide d'après le professeur Torres Homem. Archives Med. Navale 31:50, 1879

Observed the presence of hepatic steatosis in yellow fever

Described Bernheim syndrome many years ahead of Bernheim

Described Torres Homem sign a characteristic sign of hepatic abscess in amebiasis

## BIBLIOGRAPHY

Duarte, O. Sattamini. Um médico do Império: o doutor Torres Homem. Irmãos Pongeti, 1957



# Joaquim Candido da Costa Sena

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joaquim Candido da Costa Sena, Brazilian geologist and mineralogist (Conceição do Mato Dentro, Minas Gerais State 13 August 1852 – Belo Horizonte 20 June 1919)

Introduced improvements to portable geologist compass

## SOME BIBLIOGRAPHY

Aguas minerais do município de Araxá. Ann. Esc. Minas Ouro Preto (1921)

Minérios de ferro no Brasil, principalmente no Estado de Minas Gerais. Anais Esc. Minas Ouro Preto 10:19-34, 1908

A riqueza petrolífera de Angola. Considerações gerais sobre o petróleo e a sua extração. Indicações sobre a localidade onde se conhece a existência de betumes e petróleo. Bol. Soc. Geogr. Lisboa (1908)

Condições geraes sobre a geologia do Brasil. O Brasil (Centro Ind. Brasil.) 1:429-519, 1907

The Tapera gold deposits. Brazil. Min. Rev. 1(10):221, 1904

Notes sur un gisement d'actinolite aux environs d'Ouro Preto, à Minas Gerais (Brésil). Bull. Soc. Franc. Min. 19:65, 1896

Über ein Vorkommen von Strahlstein in der Umgebung von Ouro Preto, Minas Geraes (Brasilien) (1895)

Sobre la presencia del oro en las esquistas. Acta Soc. Scient. Chili (1895)

Note sur l'hydrargilite des environs d'Ouro Preto. Bull. Soc. Min. France (Paris) 7:220, 1884

Noticia sobre a geologia e a mineralogia de uma parte norte e nordeste da Província de Minas Geraes. Anais Esc. Minas (1883)

Analyse do phosphato de cal da ilha Rata (Fernando de Noronha). Ann. Esc. Minas Ouro Preto 2:143-6, 1883

Viagem de estudos metalúrgicos no centro da província de Minas Gerais. Ann. Esc. Minas p.95-128, 1881

Note sur scorodite des environs d'Ouro Preto

With A.O. S. Pires. O Brasil e suas riquezas naturais.

## SOME OTHER FACTS ABOUT HIM

Acting governor of Minas Gerais State (1902)

Submitted samples of magnetic pyrite used in studies about ferromagnetism by Pierre Weiss

## HONORS

*Senaea* Taubert 1893 (Gentianaceae)

Senaite Hussak & Prior 1898 (Mineral)

# Joaquim Gomes de Souza

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joaquim Gomes de Souza, Brazilian mathematician and writer (Itapecuru Mirim, Maranhão State 15 February 1829 – London 01 June 1864)

Enunciated theorems about linear equations of partial derivatives

Enunciated a general theorem about motion propagation in elastic means (1849)

Presented new methods for solving differential equations and a method for solving numerical equations

Generalized a theorem about compositions of functions from a differential partial equation

Treated vibrating air motion in curvilinear tubes and in variable temperature

Exposição Sucinta de um método de integrar equações diferenciais parciais por integrais definidas. Rev. Guanabara (1850)

Memoire sur La determination des fonctions inconnues que entrent sous le signe d'integration definie / On the determination of unknown functions which are involved under definite integrals (1855) (this work was presented and commented by physicist George Gabriel Stokes in England)

Memória sobre um teorema de cálculo integral e suas aplicações a soluções de problemas de física-matemática (1855)

Demonstração de alguns teoremas gerais para a comparação de novas funções transcendentais

Memória sobre a teoria do som (1855)

## OTHERS

O modo de indagar novos astros sem auxílio das observações directas. Doctoral Thesis (1848)

Resolução das equações numéricas. Rev. Guanabara (1850)

Memória sobre os métodos gerais de integração (1851) e uma adição a esta memória

Construção de algumas fórmulas somatórias e redução a somas finitas das diferentes séries

Melanges de Calcul Intégral. Brockhaus, Leipzig, 1882 (posthumous; contains all works)

## UNPUBLISHED OR LOST

Memória sobre 2 especies de cálculos novos, compreendendo toda a teoria das características, e sobre os princípios fundamentais da análise geral

Memória sobre a propagação do movimento nos meios elásticos, compreendendo o movimento dos meios cristalóides e teoria da luz

Memória sobre a vibração nos meios elásticos

Memória sobre resoluções algébricas ou transcendentais por integrais definidas

Filosofia geral das Ciências Matematicas e Unificação dos métodos analíticos

Sobre o calculo dos resíduos

Memória sobre aplicações da análise à Física Matemática com aplicações a muitas questões gerais

Sobre a determinação das constantes, que nos problemas de Física Matemática, entram nas integrais das equações diferenciais parciais, em função do estado inicial do sistema

# Joaquim Jeronimo Serpa

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joaquim Jerônimo Serpa, Brazilian physician and botanist (Recife 13 September 1773 – Olinda 17 July 1842)

## SOME BIBLIOGRAPHY

Topografia desta cidade do Recife (1842)

Vegetais que servem para uso caseiro na província de Pernambuco (1842)

Utilidade dos jardins botânicos (1837)

Compendio de Botânica, para uso dos alunos que querem se dedicar ao estudo desta ciência (1836)

Da criação de bichas e sanguessugas medicinais (1834)

Tratado da Educação Psico-Moral dos Meninos (1828)

Receituário (1823-9)

## NOT PUBLISHED

Compendio de agricultura apropriada ao clima desta província

Two volumes of human anatomy drawings (1834)

## HONORS

*Hieronyma* Freire Allemão 1848 (Phyllanthaceae)

# Joaquim Vellozo de Miranda

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joaquim Vellozo de Miranda, Brazilian Jesuit and naturalist (Mariana, Minas Gerais State 1733 – Minas Gerais State 1815)

Performed studies on botany and mining

Collected plants and other natural specimens in Minas Gerais State

## SOME BIBLIOGRAPHY

Theses ex universia philosophia (1778)

Brasiliensium plantarum fasciculus

Demonstrat. Descriptio animalium quorundan brasiliensium et plantarum quorundam brasiliensium descriptio botanica

## HONORS

*Vellozia* Vandelli 1788 (Velloziaceae)

# Joe Hin Tjio

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joe Hin Tjio, US / Indonesian cytogeneticist (Java Island 02 November 1919 – Gaithersburg, Maryland 27 November 2001)

Son of Chinese immigrants

## ACHIEVEMENTS

First to recognize the correct number of human chromosomes (46)

With A. Levan. The chromosome number of man. *Hereditas* 42:1-6, 1956

With C.E.Ford & P.E. Jacobs elucidated chromosomal basis of certain genetic abnormalities and sex determination in man (1959)

Discovered chromosome abnormalities in leukemias and developed a method for aspirating bone marrow cells

With J. Whang. Direct chromosome preparation of bone marrow cells. *Stain Techn.* 37:17-20, 1962

Developed Tjio-Whang acetic orcein squash procedure (1960)

# Joel Valencia Parparcén

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Joel Valencia Parparcén, Venezuelan gastroenterologist (Porlamar, Margarita Island, Nueva Esparta State 23 November 1913 – Madrid, Spain 27 December 1985)

Descent from Jewish Dutch of Curazao

Authored over 400 scientific and educational works

He was president of World Organization of Gastroenterology (1978)

## SOME BIBLIOGRAPHY

With E. Candía, R. Ferro & B. Bruni-Celli. Lipoma submucoso de colon. G.E.N. 11:93-8, 1956

With L. Carbonell, B. Bruni-Celli & V. Madureri. La gastritis y su diagnostic mediante la biopsies cega. Rev. Sinopsis Latinoam. Gastroenterol. 3(1):9, 1960

With S. Beker, L. Carbonell, N.B. Bosch & R.P. Moncada. Estudios funcionales y histopatologicos en el syndrome de malabsorción intestinal. G.E.N 15:461-76, 1961

With H. Romer. Gastritis: a study of 1000 consecutive gastric biopsies. Amer.J. Dig. Dis. 8:798, 1963

With S. Beker, A. Rivas Gómez & P.R. Moncada. Strongyloidiasis intestinal en Venezuela. G.E.N. 17:285-95, 1963

With S. Beker, J. Carbonell & P.R. Moncada. Biopsia de la mucosa intestinal en ciertas parasitosis intestinales (Necatoriasis y Strongiloidiasis). G.E.N. 17(3):377-82, 1963

With R. Salomón. Fotografía endoscopica. Evaluación en el diagnostico. G.E.N. 20:79, 1965

With G. D'Esquivan. Hiatal hernia and its cardiovascular manifestations. Prensa Méd. Arg. 52(45):2833-9, 1965

With E. Candía. Technique and diagnostic value of the transparieto-hepatic cholangiography. Am.J. Gastroenterol. 47(5):389-411, 1967

With S. Beker. Portal hypertension syndrome. A comparative analysis of bilharzial fibrosis and hepatic cirrhosis. Amer.J. Dig. Dis. 13 (12):1047-54, 1968

With S. Beker & M. de Gonzalez. Hepatitis viral postransfusional. Prensa Med. Arg. 55(27):1286-7, 1968

With S. Beker, P. Grases & M. Gonzalez. Coma hepatico por hepatitis aguda. G.E.N. 28:401, 1969

With G. D'Esquivan. Hernia hiatal y lesiones de la unión esofagogástrica. G.E.N. 25:55-69, 1970

With C. Alemán-Gavotti & B. Bruni-Celli. Ultrastructure of the gastric mucosa in atrophic gastritis. Archives Fr. Malad. App. Digest., 1970

With V.L. Torres & G. D'Esquivan. Normes pour le diagnostic radiologique des petites hernies hiatales. Ann. Gastroenterol. Hepatol. 6(6):473-85, 1970

Tubeless hypotonic duodenography. G.E.N. 27(2):157-83, 1972

With M. Guelrud, H.Niño & M. Dao. Angiographic aspects of pancreatic neoplasms. G.E.N. 1972

With B. Bruni-Celli. Hypertrophic gastritis versus gastric carcinoma. Amer. J. Gastroenterol. 59(2):119-33, 1973

Alcoholic gastritis. Clin. Gastroenterol. 10:389-99, 1981

# Johannes Petrus Van der Walt

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Johannes Petrus Van der Walt, South African mycologist (1925 – 13 November 2011)

With K. Hopsu-Havu introduced the Diazonium Blue B test for yeast species characterization (1976)

## DESCRIBED VALID YEAST TAXA

### Genera

*Ambrosiozyma* 1972

*Cyniclomyces* 1971 with Scott

*Dekkera* 1964

*Entelexis* 1973 with Johannsen

*Hyphopichia* 1976 with Von Arx

*Kluyveromyces* 1956

*Lodderomyces* 1966

*Myxozyma* 1981 with Von Arx & Weijman

*Wickerhamiella* 1973

*Yarrowia* 1981 with Von Arx

### Species

88

## HONORS

*Vanderwaltozyma* Kurtzman 2003 (yeast)

## LINKS

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3539321>

# Johannes Smuts

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jacobus Johannes Smuts, South African zoologist (Cape Town 11 June 1775 – Cape Town 16 June 1834)

## DESCRIBED VALID MAMMALIAN TAXA (1832)

### Genus

*Graphiurus*

### Subgenus

*Graphiurus*

### Species

*Grammomys dolichurus*

*Manis (Smutsia) temminckii*

*Myosorex varius*

## HONORS

Subgenus *Smutsia* Gray 1865 (Mammalia)



# Johannes Willemse

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Johannes Willemse, South African petrologist and mining geologist (Harrismith, Free State Province 07 December 1909 – Pretoria 27 November 1967)

Expert on layered mafic intrusions

## SOME BIBLIOGRAPHY

With E.A. Viljoen. The fate of argillaceous material in a gabbroic magma of the Bushveld complex. Publ. Spec. Geol. Soc. S. Africa 1:336-66, 1970

With C. Frick. Stroomroef en die invloed van verskuiwings op die geomorfologie in die opvanggebied van die Steel poortrivier in O Transvaal. Verh. Geol. Ver. S. Afr. 73:159-71, 1970

The vanadiferous magnetic iron ore of the Bushveld Igneous Complex. Econ. Geol. Monogr. 4:187-208, 1969

The geology of the Bushveld igneous complex, the largest repository of magmatic ore deposits in the world. Econ. Geol. Monogr. 4:1-22, 1969

With J.J. Bensch. Inclusions of original carbonate rocks in gabbro and norite of the eastern part of the Bushveld Complex. Trans. Geol. Soc. S. Africa 67:1-87, 1964

The floor of the Bushveld Igneous Complex and its relationship with special reference to the eastern Transvaal. Geol. Soc. S. Africa 62 (1959)

Die chromiet-voorkoms op Lemoenfontein 893, Pietersburgse Distrik. Trans. Geol. Soc. S. Africa 51:195-212, 1948

With C.M. Schwellnus, J.W. Brandt, H.D. Russell & D.P. Van Rooyen. Lead deposits in the Union of South Africa and South West Africa with some notes on associated ores. Mem. Geol. Surv. S. Africa 39 (1944)

With C.M. Schwellnus. Titanium and vanadium in the magnetic iron ores of the Bushveld Complex. Trans. Geol. Soc. S. Afr. 46:23-38, 1943

With L.T. Nel, F.C. truter 7 E.T. Mellor. The geology of the country around Potchefstroom and Klerksdorp (1939)

On the old granite of the Vred cfort region and some of its associated rocks. Trans. Proceeed. Geol. Soc. South Africa (1938)

The gold occurrences south-west of Pietersburg. Bull. Geol. Series Surv. Div. S. Africa 12 (1938)

With L.T. Nel, H.F. Frommurze, S.H. Haughton & A.L. du Toit. The geology of Ventersdorp and adjoining country. Explor. Sheet Geol. Surv. Dep. Min. S. Africa 53 (1937)

On the ore minerals of the Murchison Range, Cam and Motor mine (Gatooma) and the Globe and Phoenix mine (Que Que). Trans. Geol. Soc. S. Africa 38:41-55, 1935

Limestone and dolomitic resources of the Republica of South Africa, Transkei, Bophuthatswana, Venda and Ciskei. Mem. South West Africa

## HONORS

Willemseite Hiemstra & de Waal 1968 (Mineral)

# John Isaac Quin

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

John Isaac Quin, South-African veterinarian (Klerksdorp 15 February 1900 – 19 March 1950)

First described the technique for estimating degradability in the rumen

With J.G. Van der Wath & S. Myburgh. Studies on the alimentary tract of Merino sheep in South Africa. 4. Description of experimental technique. Onderstepoort J. Vet. Sci. Anim. Industry 11:341-60, 1938

## SOME BIBLIOGRAPHY

With C. Rimington & C.G.C.S. Roets. The nature of photosensibilization agents in geldcop. J. Vet. Sci. 14(2):6-45, 1928

With C. Rimington. Tribulosis and methaemoglobinaemia in South African sheep. Nature 130:926-7, 1932

Studies on the photosensitization of animals in South Africa. Onderstepoort J. Vet. Sci. Anim. Ind. (1933)

With C. Rimington. Photosensitising agent in "gel-dikkop" phylloerythrin. Nature 132:1789, 1933

The effect of surgical obstruction of the normal bile flow. Onderstepoort J. Vet.Sci. 1:505-26, 1933

With C. Rimington. Geeldikkop disease in sheep. Farming in South Africa 9:47-8, 1934

With C. Rimington. The isolation of an icterogenic principle from *Lippia rehmannii* (Pers.). S. Afr. J. Sci. 32:142-51, 1935

Physiological aspects of ruminal digestion. S. Afr. J. Sci. 36:417-23, 1939

Bloating in Ruminants. Its development and control. Farming in South Africa 17:757-60, 1942

The biological action of *Botulinus*. South African J. Science XLII:157, 1946

The effect of diet and body condition on the heart regulating system of the Merino sheep. Onderstepoort J. Vet. Res. 21(2):317-27, 1947

With R. Clark. Studies on the action of potassium monofluoracetate (CH<sub>2</sub>FCOOK) toxin on animals. Onderstepoort J. Vet. Sci. Anim. Ind. 22:241-6, 1947

With J.G. Louw & S.I. Bodenstein. The digestibility for sheep, of the cellulose in a poor veld hay, as affected by supplements of a mixture of concentrates and green feed. Onderstepoort J. Vet. Res. 23(1-2):239-59, 1948

With G. de Kock. Bioclimatological studies on white rats in South Africa. Skin cancer in rats following continued exposure to sunlight. Onderstepoort J. Vet. Res. 23(1-2):349-65, 1948

With R. Clark. The effect of supplementing poor quality grass hay with molasses and nitrogenous salt. Onderstepoort J. Vet. Res. 25(1):93-103, 1951

## HONORS

*Quinella* Krumholz, Bryant, Brulla, Vicini, Clark & Stahl 1993 (Bacteria)

# John Medley Wood

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

John Medley Wood, English-born South African botanist (Mansfield, Nottinghamshire, England 01 December 1827 – Durban 21 August 1915)

## DESCRIBED VALID PLANTAE TAXA

### Genus

*Siphonochilus* 1911 with Franks

### Species

#### With Evans

*Alepidea natalensis* 1899

*Athrixia arachnoidea*

*Berkheya latifolia* 1897

*Berkheya macrocephala* 1907

*Berkheya montana* 1897

*Buchenroedera sparsiflora* 1897

*Chaenostoma neglectum* 1897

*Chlorophyton haygarthii* 1899

*Crotalaria dura* 1897

*Eumorphia sericea* 1897

*Felicia drakensbergensis* 1899

*Helichrysum infaustum* 1897

*Heteromma simplicifolium* 1897

*Hibiscus saxatilis* 1897

*Hypericum natalensis* 1897

*Inulanthera montana* 1900

*Kniphofia multiflora* 1897

*Nesaea rivularis* 1902

*Ornithogalum capillaris* 1897

*Rhynchosia ovata* 1897

*Selago monticula* 1897

*Senecio seminiveus* 1901

*Senecio tugelensis* 1901

*Stachys rivularis* 1897

*Wahlenbergia depressa* 1897

#### With Franks

*Chrysophyllum viridifolium* 1911

### Alone

*Berkheya macrocephala* 1907

*Berkheya maritima* 1899

*Castanospermum cunninghamii* 1903

*Chilocarpus viridis* 1906

*Cyrtanthus epiphyticus* 1913

*Helichrysum argentissimum* 1907

*Lotononis wylei* 1904

*Phacelurus franksae* 1908

## HONORS

*Woodia* Schlechter 1894 (Apocynaceae)

*Woodiella* Saccardo & Sydow 1899 (Fungi)

# John Parry

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

John Parry, English-born South African mineralogist (London 25 November 1863 – Kimberley 06 October 1931)

Described mineral species afillite (with F.E. Wright; 1925) and bultfonteinite (with A.F. Williams & F.E. Wright; 1932)

## SOME BIBLIOGRAPHY

Observations in Kimberley diamonds mines of peculiar formations noted upon mine openings and appliances – minute animal organism held responsible for phenomena (1923)

Minerals deposited by bacteria in mine water. Eng. Min. J.I. Press 115(23):1011-6, 1923

## HONORS

Parryite A.F. Williams 1932 (Mineral)

# John Rhys Williams

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

John Rhys Williams, English-born Mauritian entomologist and helminthologist (19 March 1925 – Curepipe 29 September 2017)

## DESCRIBED NEW TAXA

### Insecta

#### Hemiptera, Homoptera

##### Genera

*Aethocauda* 1976  
*Aethomyctus* 1981  
*Alticeps* 1977  
*Cernea* 1977  
*Cocottea* 1977  
*Cuneocephs* 1981  
*Cyrtomycta* 1981  
*Deltometopus* 1977  
*Idiomyctus* 1981  
*Pseudoclardea* 1981  
*Thectocephs* 1977  
*Trypanor* 1980 with Fennah

##### Species

*Achaemenes synavei* 1975  
*Aethocauda decora* 1976  
*Aethocauda fusca* 1976  
*Aethocauda rubella* 1976  
*Aethocauda serrapicis* 1976  
*Aethomyctus viridis* 1981  
*Alticeps vigilis* 1977  
*Aselgeoides paludaris* 1975  
*Brixia broussei* 1975  
*Brixia decepta* 1983  
*Brixia denticulata* 1975  
*Brixia discolor* 1975  
*Brixia flavida* 1975  
*Brixia fuscata* 1983  
*Brixia fuscomarginata* 1975  
*Brixia lalouettei* 1975  
*Brixia mauritiensis* 1975  
*Brixia nigripennis* 1975  
*Brixia pilosa* 1975  
*Brixia sundara* 1975  
*Brixia uvidensis* 1975  
*Brixia variolata* 1975  
*Brixia vughani* 1975  
*Brixia venulosa* 1975  
*Brixia virgulata* 1975  
*Cernea insularis* 1977  
*Cocottea lineata* 1977  
*Cocottea seclusa* 1977  
*Cocottea verecunda* 1977

*Cyrtomycta perisema* 1981  
*Diprora lineata* 1976  
*Diproroda mauritiana* 1976  
*Idiomycetus simus* 1981  
*Muirileguatia acuminata* 1976  
*Muirileguatia borbonica* 1976  
*Muirileguatia mauritiensis* 1976  
*Oliarus borbonicus* 1975  
*Oliarus courtoisi* 1975  
*Oliarus mauritiensis* 1975  
*Parahypia pallidifrons* 1977  
*Parahypia picta* 1977  
*Parahypia planifrons* 1977  
*Thectocephalus mauritiensis* 1977  
*Trypanor cicatricosus* 1980 with Fennah  
*Tylana nigromaculata* 1982  
*Tylana rodriguensis* 1982  
*Williamsus maculatus* 1977  
*Williamsus paryphiceps* 1977

## **Coleoptera (2000)**

### **Species**

*Syzygops acuminatus*  
*Syzygops globosus*  
*Syzygops insignis*  
*Syzygops ornatus*  
*Syzygops petilus*  
*Syzygops robustus*  
*Syzygops similis*

## **Vermis (Nematoda)**

### **Genera**

*Aetholaimus* 1962

### **Species**

*Aetholaimus bucculentus* 1962  
*Aporcelaimus mamillatus* 1959  
*Axonchium bulbosum*  
*Axonchium caudatum* 1958  
*Axonchium mauritiense*  
*Bitylenchus brevilineatus*  
*Bitylenchus crassicaudatus*  
*Bitylenchulus curvus*  
*Criconemoides mauritiense*  
*Discocriconemella mauritiensis* 1960  
*Dorylaimellus clavicaudatus*  
*Dorylaimus flagellatus* 1959  
*Dorylaimus sylphoides* 1959  
*Eudorylaimus sundarus* 1964  
*Longidorus laevicapitatus* 1959  
*Mononchus longicaudatus* 1958  
*Rotylenchulus parvus* 1960  
*Thornenema mauritianum* 1959  
*Thornenema viriosum* 1964  
*Willinema parvum* 1959

**HONORS**

*Willinema* Baqri & Jairajpuri 1967 (Nematoda)

*Williamsus* Ozdikmen & Demir 2007 (Hemiptera)

# John Sanderson

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

John Sanderson, Scottish-born South African botanist and horticulturist (Greenock, near Glasgow 16 October 1820 – Durban 04 March 1881)

## DESCRIBED PLANTAE TAXA

*Aerides savageana* 1891

*Heliconia sanderi* 1899

*Watsonia ardernei* 1899

## SOME BIBLIOGRAPHY

Authored the report of his voyages in J. Roy. Geogr. Soc. 30:233-55, 1860

Rough notes on the flora of Natal (1868)

Notes in connection with stone implements from Natal. J. Anthr. Inst. (1878)

## HONORS

*Sandersonia* Hooker 1853 (Colchicaceae)



# Joon Namkung

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Joon Namkung / Chun Namgung, South Korean arachnologist (1920 – 14 May 2013)

## DESCRIBED ARACHNIDA SPECIES

*Agroeca coreana* 1989

*Allomengea beombawigulensis* 2002

*Allomengea coreana* 1969 with Paik

*Araniella coreana* 2002

*Atypus magnus* 1986

*Atypus quelpartensis* 2002

*Atypus sternosulcus* 2006 with Kim, Kim, Jung & Lee

*Atypus suwonensis* 2006 with Kim, Kim, Jung & Lee

*Coelotes samaksanensis* 2002

*Cybaeus mosanensis* 1967 with Paik

*Dolichocybaeus whanseunensis* 1967 with Paik

*Galloisiana kosuensis* 1974

*Galloisiana magnus* 1986

*Leptoneta coreana* 1969 with Paik

*Leptoneta handeulgulensis* 2002

*Leptoneta hogyegulensis* 1969 with Paik

*Leptoneta hwanseonensis* 1987

*Leptoneta kwangreungensis* 2004 with Kim & Lee

*Leptoneta secula* 1987

*Leptoneta soryongensis* 1969 with Paik

*Leptoneta spinipalpus* 2004 with Kim & Lee

*Leptoneta waheulgulensis* 1991

*Leptoneta yebongsanensis* 2004 with Kim & Lee

*Leptoneta yongdamgulensis* 1969 with Paik

*Namkungia biryongensis* 1974

*Nesticella quelpartensis* 1969 with Paik

*Nesticus coreanus* 1969 with Paik

*Nesticus kyongkeomsanensis* 2001

*Pholcus kwonaksanensis* 1990 with Kim

## HONORS

*Namkungia* Storozhenko & Park 2002 (Orthoptera)

# Jorge André Swieca

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jorge André Swieca or Jerzy Andrzej Swieca, Polish-born Brazilian mathematical physicist (Warsaw 16 December 1936 – São Paulo State 22 September 1980)

With E.C. Marino demonstrated a general theorem that proved that a fractioned topologic load necessarily lead to an infinite action (1978)

Developed a quantization method of solitons employing order-disorder variables (1982)

Named Schwinger-Higgs mechanism

Proved Swieca screening theorem (1975)

With J.H. Lowenstein authored Quantum Electrodynamics in Two Dimensions (1970)

## EPONYMY

Swieca phenomenon (1967)

Koberle-Swieca amplitude

Koberle-Swieca mass ratios

Lowenstein-Swieca operator solution (1971)

Swieca theorem

Haag-Swieca conjecture

Haag-Swieca compactness property

# Jorge Olarte

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jorge Olarte Alvarez, Colombian-born Mexican microbiologist (Velez, Santander Department 28 February 1916 – 14 May 2005)

Authored 151 papers

With J.A. de La Torre & A. McWhorter identified and isolated *Salmonella azteca* (1956)

With G. Varela & J. Zozaya described *Salmonella mexicana* 1942 and *Aerobacter amigdalina* 1943

Isolated and classified a number of *Salmonella* strains

Established the scientific basis of oral hydration

With J. de La Torre & J. Larracilla. La vía oral para hidratación y corrección del desequilibrio hidroelectrolítico en enfermos de diarrea ambulatoriamente menores de dos años. Mem. IX Reun. Reglam. Asoc. Investig. Pediat. Cuernavaca (1956)

Authored important researches about etiopathogeny of acute diarrhea

New concepts on the etiopathogenesis of diarrhea. Bol. Med. Hosp. Infant Mex. 33(3):595-606, 1976

New method of obtaining samples for coproculture. Bol. Med. Hosp. Infant. Mex. 9(5):537-40, 1952

Demonstration of the protein M in culture filtrates of hemolytic streptococci of group A. J. Immunol. 58(1):15-22, 1948

With M.A. de los Corvera & M.R. Castañeda. A new medium for the isolation of *Brucella* and *Salmonella* by blood culture. Bull. World Health Organ. 14(4):797, 1956

## Papers in top journals

With L.K. Pickering & H.L. Du Pont. Single-dose tetracycline therapy for shigellosis in adults. JAMA 239(9):853-4, 1978

With G. Varela. Transmission of *Salmonella enteritidis* by *Pulex irritans* and *Ctenocephalus canis*. Science 104(2692):104-5, 1946

With G. Varela. *Salmonella* isolated from human mesenteric lymph nodes. Science 99(2577):407-8, 1944

## HONOURS

Who's Who in the World, Marquis Who's Who (1982)

# Jorge Redón

April 24, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Jorge Juan Redón Figueroa, Chilean lichenologist (1936 –

**DESCRIBED LICHENES SPECIES**

*Haematomma campanense* 1978 with Walkowiak

*Lecanactis pseudamylacea* 1972 with Follmann

*Omphalodina johowii* 1972 with Follmann

*Pertusaria epibryon* 1985

*Pseudocyphellaria imshaugii* 1992 with Galloway

**HONORS (Lichenes)**

*Redonia* Dodge 1973

*Redonographa* Lücking, Tehler & Lumbsch 2013

# Jorge Reynolds

April 24, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jorge Reynolds Pombo, Colombian biomedical engineer (Santafé de Bogotá 22 June 1936 –

From British father and relative to scientist Francisco José de Caldas

Authored 174 papers

Discovered the similarity between that human and cetacean hearts

Obtained the electrocardiogram records of several aquatic vertebrates (1984)

Designed and built electrocardiogram equipment suitable to whales researches (1985)

First to study the cardiac effects of alpinism (1978)

## DEVELOPED

The first external pacemaker with inner electrodes and external electronic unit (1958)

An equipment for electrocardiogram via telemetry (1971)

With Jorge Hernando Ulloa & Jorge Ulloa Domínguez. The first external venous pacemaker in the world for prevention of thrombosis in airplane passengers (1999)

The first nanotelepacemaker (2011)

A wireless sensor for measuring pH changes around a implant (2012)

A nanosensor for management of facial paresthesia (2013)

A brain nanopacemaker for management of Parkinson & Alzheimer syndromes (2013)

## LINKS

[http://scienti1.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod\\_rh=0000587443](http://scienti1.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod_rh=0000587443)

# Jorge Sahade

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Jorge Sahade Kassab, Argentine astronomer (Alta Gracia, Cordoba Province 23 February 1915 – La Plata 18 November 2012)

Son of Syrian immigrants

Expert on astrophysics and stellar spectroscopy

Authored more than 190 works

Studied Struve-Sahade effect (1962)

Discovered spectral features in various systems

Authored A systematic effect in the radial velocities determined with an oscilloscope-type comparator

## HONORS

President, International Astronomical Union (1985-8)

Asteroid Sahade 2605

Diploma of Recognition, NASA (1994)

Distinguished Foreign Scholar, Mid-State American Universities, Nebraska university (1988)

## LINKS

[http://www.fundacionkonex.com.ar/b979-jorge\\_sahade](http://www.fundacionkonex.com.ar/b979-jorge_sahade)

# Jorge Wright

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Jorge Eduardo Wright, Argentine mycologist (Buenos Aires 20 April 1922 – 04 November 2005)

Authored 115 papers and 5 books

With E. Albertó. Aniline-agar: a simple medium useful in characterizing white-rot higher in culture. Mycotaxon 62:375-88, 1997

## DESCRIBED VALID FUNGI TAXA

### Genera

*Agaricostilbum* 1970

*Discoxylaria* 1964 with Lindquist

*Gastropila* 1973 with Homrich

*Loweporus* 1976

*Megasporoporia* 1982 with Ryvarden & Rajchenberg

*Smithiogaster* 1975

### Species

*Abstoma laevisporum* 1990 with Suarez

*Abstoma verrucisporum* 1990 with Suarez

*Agaricostilbum palmicola* 1970

*Agaricus pseudoargentinus* 1994 with Albertó

*Amyloporia multipileata* 1991 with Loguercio Leite

*Antrodia stratosa* 1972 with Deschamps

*Bovista fuegiana* 1994 with Suarez

*Bovista singeri* 1994 with Suarez

*Bovista sublaevispora* 1994 with Suarez

*Calvatia friabile* 1992 with Moreno, Altés & Ochoa

*Cephalotrichum asperulus* 1972 with Marchand

*Cinereomyces dilutabilis* 1988 with Loguercio Leite

*Coltriciella pusilla* 1992 with Sharma

*Coriolellus delbustoi* 1973 with Deschamps

*Fomes chaquensis* 1953 with Iaconis

*Fomitisporia spinescens* 1996 with Coelho

*Fulviformes membranaceus* 1984 with Blumenfeld

*Galerina mycenaiformis* 2006 with Lechner

*Hygroaster iguazuensis* 2005 with Lechner

*Hypochnicium gomezii* 1985 with López

*Junghuhnia complicata* 1984 with Blumenfeld

*Laccaria cyanolamellata* 2006 with Lechner

*Lulesia lignicola* 2006 with Lechner

*Marasmius meliae* 1970

*Nothophellinus andinopatagonicus* 1972 with Deschamps

*Palifer eriksonii* 1993 with Galán

*Peniophora fulvocinerea* 2003 with Popoff

*Peniophora taraguiensis* 1994 with Popoff

*Perenniporia gomezii* 1982 with Rajchenberg

*Phellinus adhaerens* 1984 with Blumenfeld

*Phellinus aureobrunneus* 1984 with Blumenfeld

*Phellinus daedaliformis* 1984 with Blumenfeld

*Phellinus garuhapensis* 1984 with Blumenfeld

*Poria cinabarina* 1972 with Deschamps

*Postia venata* 1988 with Rajchenberg

*Queletia andina* 1989

*Smithiogaster volvoagaricus* 1975

*Spongipellis chubutensis* 1972 with Deschamps

*Tulostoma brasiliense* 1972

*Tulostoma cerebrisporum* 2000

*Tulostoma clathrosporum* 1987

*Tulostoma delbustoi* 1987

*Tulostoma dennisii* 1987

*Tulostoma exasperatosporum* 1983

*Tulostoma giganteum* 1987

*Tulostoma gracilipes* 1987

*Tulostoma meridionale* 1972

*Tulostoma nigeriense* 1964

*Tulostoma obscurum* 1972

*Tulostoma portoricense* 1987

*Tulostoma pseudopulchellum* 1992 with Altés & Moreno

*Tulostoma sinense* 1987

*Tulostoma submembranaceum* 1995 with Ochoa & Moreno

*Tulostoma thiersii* 1987

*Tulostoma utahense* 1987

*Tyromyces crassisporus* 1991 with Loguercio Leite

*Weraroa patagonica* 1959 with Singer

*Xylobolus gongylodes* 1994 with Popoff

## **HONORS**

*Wrightoporia* Pouzar 1966 (Fungi)



# José Andrés Ramos Alemar

April 24, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José Andrés Ramos Alemar, Puerto Rican entomologist (1915 – 1989)

## DESCRIBED HEMIPTERA GENERA

*Antillotolania* 1957

*Deiroderes* 1957

*Gaetopsis* 1957

*Jibarita* 1957

*Oreopenes* 1957

*Monobeloides* 1979

*Paraprosotropis* 1946

*Spathenotus* 1957

## HONORS

*Ramosella* McKamey & Deitz 1996 (Hemiptera)

*Ramosulus* Young 1977 (Hemiptera)

# José Antonio de la Ossa

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio de La Ossa, Cuban botanist (La Habana ? – 1829)

Described the valid genus *Pinillosia* 1836 (Asteraceae)

## HONORS

*Ossaea* De Candolle (DC) 1828 (Melastomataceae)

# José Antonio Nolla

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio Bernabé Nolla Cabrera, Puerto Rican plant pathologist (Mayaguez 24 May 1902 – Mayaguez 14 August 1987)

A new alternaria disease of onions (*Allium cepa* L.) *Phytopathology* 17(2):115-32, 1927 (*Alternaria allii*)

Described a new leaf and bulb scale anthracnose of onions (*Colletotrichum gloeosporioides*)

Onion-leaf anthracnose. *J. Dept. Agric. Puerto Rico* 10:245-6, 1926

Described *Curvularia trifolii* f. *sp. amaryllidis* in *Phytopathology* 59:1348, 1969

# José Antonio O'Daly

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio O'Daly Serraille, Venezuelan physician (Valencia, Carabobo State 03 January 1908 – Caracas 21 April 1992)

Authored over 40 scientific works

Created and improved histological techniques

Nota preliminar y demostraciones acerca de un nuevo metodo para la impregnación argéntica de las neurofibrilas. IV Jorn. Venez. Anat. Patol. (1956)

Nuevos procedimientos en histología. Rev. Polic. Caracas 30, 1936

Proposed a new dissolvent for paraffin

El ruber solvente en tecnica histologica. Rev. Sur Amer. Morfol. 4(2), 1946

First isolated and described the etiologic agent of chromomycosis (1937) that was later named *Cladosporium carrionii* by Trejos in 1954

With Bruni described villonodular pigmented tenosynovitis (1953)

# José Antonio Pastrana

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio Pastrana, Argentine agricultural entomologist (19 November 1907 – 13 July 1994)

Authored over 100 papers

## DESCRIBED LEPIDOPTERA TAXA

### Genera

*Cappsia* 1953

*Deltinea* 1961

*Riculoides* 1952

### Species

*Alucita arriguttii* 1960

*Alucita bridarolli* 1951

*Alucita jujuyensis* 1953

*Alucita proseni* 1951

*Alucita tandilensis* 1960

*Arcola malloi* 1961

*Cappsia bourquini* 1953

*Ceromitia laninensis* 1961

*Ceromitia lizeri* 1961

*Ceromitia pucaraensis* 1961

*Ceromitia schajovskoi* 1961

*Choreutis merzoccai* 1991

*Coleophora breyeri* 1963

*Coleophora chiarelliae* 1963

*Coleophora haywardi* 1963

*Deltinea costalimai* 1961

*Eupastranaia martinezi* 1952

*Enarmonia araucariae* 1950

*Hexeretmis willineri* 1954

*Homeosoma crouzelae* 1991

*Homeosoma deltaeparanensis* 1991

*Homeosoma esquelensis* 1983

*Homeosoma gentilii* 1983

*Homeosoma heinrichi*

*Homeosoma llanoi* 1991

*Homeosoma orfilai* 1983

*Homeosoma neuquensis* 1983

*Homeosoma schajovskoyi* 1983

*Homeosoma yivoffi* 1991

*Laspeyresia araucariae* 1951

*Midilia orfilai* 1960

*Midilia martineziana* 1960

*Phyllocnistis bourquini* 1960

*Postplatyptilia genisei* 1989

*Riculoides galliaella* 1952

## HONORS

*Pastranaia* Orfila 1955 (Neuroptera)

*Eupastranaia* Becker 1973 (Lepidoptera)

# Jose Antonio Presno

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio Presno Bastiony, Cuban surgeon (Regla, La Habana 19 March 1876 – La Habana 12 September 1953)

Married to a niece of urologist Joaquín Albarrán

Nueva incisión para las operaciones sobre las vías biliares. Resultados obtenidos en el tratamiento de los abscesos del hígado por la operación y las inyecciones de emetina (1915)

Nuevo concepto de síndrome cólicos hepáticos y sus deducciones quirúrgicas. Gac. Med. 21:239-46, 1905-6

Una modificación a la técnica de raquí-cocainización. Arch. Soc. Est. Clínicos 11:1889, 1901

Técnica de fijación del cuello uterino después de la histerectomía sub-total (1918)

## HONOURS

Grey Turner Memorial Lecture (1922)

His son, José Antonio Presno Albarrán, surgeon (La Habana 03 July 1916 – La Habana 14 October 1978)

Authored 60 scientific papers and works and 12 books

Proposed an original technique for operation of lumbar hernia

Contribución al estudio de la hernia lumbar. Rev. Med. Cir. 49(2):55, 1944

## MEMBERSHIP

Correspondent Member, Associação Francesa de Cirurgia (1949)

Membro Titolare, Sociedade Internacional de Cirurgia, Bruxelles (1949) & Società Italiana de Chirurgia (1954)

# Jose Antonio Valdes Anciano

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio Felix de la Caridad Valdés y Anciano, Cuban neurologist (Matanzas 31 March 1867 – La Habana 10 March 1923)

First reported a generalized hereditary emphysema

Enfisema generalizado de caracter familiar (1896)

Reported the youngest patient with acromegaly

Acromegalia en un negro de 14 años. Presse Medicale (1897)

First in the world to use antidiphtheric serum for treating other diseases beyond diphtheria

Un caso de bronquitis pseudo-membranosa, estafilocócica, sin bacilos de Loeffler, tratado com êxito por el suero de Roux (1897)

First reported the coexistence of pseudohypertrophic myopathy and Friedrich disease in the same patient

Enfermedad de Friedrich y miopatia pseudohipertrofica coexistentes en un mesmo individuo. Rev. Med. Cubana 3:125, 1904

First reported the coexistence of chronic trophoedema and acromegaly

Trofoedema cronico pseudoelefantiasico en un negro acromegalico. Rev. Med. Cubana 9:15, 1906

Enunciated a new theory about mitral functional narrowness

With Filomeno Rodríguez Acosta Nueva teoría sobre la estrechez mitral funcional. Rev. Med. Cubana 21:61, 1912

## HONOURS

Foreigner Associated Member, Medic Psychological Society, Paris (1910)

Correspondent Member, Neurological Society of Philadelphia (1906)

Honorary Member, Société Medecine Mentale de Belgique

## LINKS

<http://www.revmatanzas.sld.cu/revista%20medica/ano%202007/vol1%202007/tema17.htm> (in Spanish)

# José Aristodemo Pinotti

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

José Aristodemo Pinotti, Brazilian gynecologist and oncologist (São Paulo 20 December 1934 – São Paulo 01 July 2009)

Cousin of gastroenterologist Henrique W. Pinotti

Internationally renowned as expert on breast tumor surgery

Authored 671 papers, 49 books and 131 book chapters (until 2005)

Showed the relationship between menstrual ovulatory cycles and breast cancer risk

Modified a number of surgical techniques

Introduced the technique of post-mastectomy immediate reconstruction worldwide used

## TECHNIQUES

With J. Ueno, A. C. T. Nisida & G. N. Garcia. Associação de laparoscopia com nova técnica de minilaparotomia no tratamento de paciente com endometriose peritoneal e mioma uterino intramural de grande volume: relato de caso. *Revista Brasileira de Ginecologia e Obstetrícia* 14(3):120-122, 2003.

With M.D. Ricci, A. C. S. D. Barros & M. Pinotti. Ressecção segmentar com dissecação axilar e preservação de pele por incisão única periareolar no câncer de mama de estágio inicial: apresentação de técnica. In: VII Congresso Paulista de Obstetrícia e Ginecologia, 2002, SP. *Anais*, 2002. 1: 116-116, 2002

With F. M. Carvalho. Intraoperative pathological monitorization of surgical margins: a method to reduce recurrences after conservative treatment for breast cancer. *European Journal of Gynaecological Oncology* 23(1):11-16, 2002.

With H. G. C. Guidi & R. M. Ribeiro. New aproach for the ultrasonography of the bladder neck for the evaluation of patients with urinary incontinence – previous note. In: 2nd International consultation on incontinence, Paris. *Abstracts* 2001. 1: 85-8, 2001

With J. Ueno. Transvaginal videopelviscopy, a new technique for assessing pelvic cysts. *J Am Assoc Gyn Lap* 7(4):535-538, 2000.

With F. M. Carvalho, A. C. S. D. Barros, M. Pinotti & A. C. T. Nisida. Intraoperative pathological monitorization of surgical margins: a new method to reduce local recurrences after conservative treatment for breast cancer. In: XVI FIGO World Congress of Gynecology and Obstetrics, 2000, Washington. *Book of abstracts*, 2000. 70: 10-10.

With F. M. Carvalho, A. V. D. Sauerbronn & M. Pinotti. Intraoperative pathological monitorization of surgical margins: a new method to reduce local recurrences after conservative treatment for breast cancer.. In: Filomena Marino Carvalho; Alfredo Carlos Simões Dornellas de Barro; Marianne Pinotti; Antonio Cralos T. Nisida. (Org.). *COSMI*. 1 ed. Monduzzi, 1:8, 1999

With J. C. L. P. E. Silva, W. F. B. Saboya, J. C. S. Gama & A. R. Mello. Estudio de un nuevo método de valoriacion de la edad gestacional.. *Progresos de Obstetrícia y Ginecología*, 19(1): 19-38, 1976

With P. C. R. Palma. A propósito de uma técnica para a correção do prolapso vaginal: suspensão endoscópica da cúpula vaginal. *Revista de Ginecología e Obstetrícia* 9(4):293-296, 1986

Mastectomia radical com conservação dos músculos peitorais no tratamento do carcinoma mamário (Apresentação de técnica própria). *Matern. Inf.* 28(2):225-39, 1969

## EPONYMY

Koppke-Pinotti technique

Pinotti technique or modified radical vulvectomy (1996)

Ingiulla-Pinotti vaginal hysterectomy

## MEMBERSHIP/HONORS

President, International Federation of Gynecology and Obstetrics (1979)

Honorary Fellow, American College of Obstetricians and Gynecologists (1993)

Permanent Member, Advisory Panel on Maternal and Child Health, WHO (2000)

Doctor Honoris Causa, Università degli Studi, Bologna, Italy (2000)



# Jose Castulo Zeledon

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Castulo de Jesús Zeledón Porras, Costa Rican ornithologist (Las Anonas, San Jose Province 24 March 1846 – Torino, Italy 16 July 1923)

Relative of former presidents of Costa Rica

Collected several thousand specimens, among which were a considerable number of new species (40 avian species and subspecies)

First to obtain the breeding of resplendent quetzal in captivity

Described the subspecies *Aramides albiventris plumbeicollis* 1888

## SOME BIBLIOGRAPHY

Catalogue of the Birds of Costa Rica. Proceed. U.S. Nat. Museum 8:104-118, 1885

Catalogo de las aves de Costa Rica. Anales Museo Nac. Costa Rica 1:103-35, 1887

## HONORS

Genus *Zeledonia* Ridgway 1889 (Aves)

Corresponding Member, American Ornithologists Union (1884)

# José Domingo Parodi

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Domingo Parodi, Italian botanist and pharmacist in South America (Genoa 1823 – Paris 01 December 1889)

Described 75 new plant species

Sobre um nuevo alcaloide descubierto en las hojas del Vinal (*Prosopis ruscifolia* Gris). Rev. Farm. 25:201-4, 1877

Nuevo alcaloide hallado en El Naranjillo de Jujuy (*Xanthoxylum naranjillo* Gris). Rev. Farm. 28:408-10, 1880

## SOME BIBLIOGRAPHY

On the useful plants of Paraguay

Notas sobre algunas plantas usuales del Paraguay, de Corrientes y de Misiones

Nota sobre la composición química de la yerba mate (1859)

Algunas observaciones sobre el cultivo y la composición química del tabaco paraguayo (1860)

Observaciones botánico-químicas sobre una nueva especie de *Acacia* cuyo fructo puede reemplazar las agallas (1862)

Algunas observaciones sobre la familia de las amarantáceas (1877)

Contribuciones a la flora del Paraguay (1878)

Apuntes sobre la familia de las nictagináceas (1880)

Ensayo de botánica médica argentina comparada (1881)

## HONORS

*Parodia* Spegazzini 1923 (Cactaceae)

*Parodiella* Hennings 1918 (Fungi)

*Parodiellina* Spegazzini 1880 (Fungi)

# Jose Ellis Ripper Filho

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Ellis Ripper Filho, Brazilian physicist (Rio de Janeiro 25 February 1939 –

Authored 71 papers and one book

Developed innovative technologies in photonics

His lab was the third in the world to obtain second generation semiconductor laser

## **PATENTS (15; incomplete)**

With T.L. Paoli. Mode locking in semiconductor lasers US3696310A (1969)

With T.L.Paoli. Optical coupling of adjacent stripe contact geometry semiconductor lasers US3701044A (1970)

With T.L. Paoli. Dynamic fm control of the trasverse modes of a self-pulsing semiconductor laser US3723903A (1971)

With L. Asaro. Double heterojunction laser containing intermediate homojunction CA968443A & DE2258087A1 (1971)

# José Francisco da Silva Lima

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José Francisco da Silva Lima, Portuguese-born Brazilian physician (Vilarinho, Portugal 15 January 1826 – Salvador 10 February 1910)

## ACHIEVEMENTS

Described ainhum or Silva Lima disease (dactylolysis spontanea) identifying it as a distinct clinical entity

Estudo sobre o ainhum, moléstia ainda não descripta, peculiar à raça ethiopoica e affectando os dedos mínimos dos pés. Gaz. Med. Bahia 1(13):146-51, 1867

Classified beriberi in three clinical forms accepted worldwide

First to call attention to development of second heart sound in beriberi

Ensaio sobre o beribéri no Brasil (1872)

Performed pioneer studies about clinical forms of Bancroftian filariasis

Created the term microfilaria

Nouvelle phase de la question relative à la nature parasitaire de la chylurie. Decouverte du representant adult de la Filaria de Wucherer. Arch. Med. Nav. 28 (12):439-047, 1877

Authored important studies on yaws

## LINKS

[www.dichistoriasaude.coc.fiocruz.br/iah/P/verbetes/limajossil.htm](http://www.dichistoriasaude.coc.fiocruz.br/iah/P/verbetes/limajossil.htm) (complete bibliography)

# José Francisco Torrealba

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José Francisco Torrealba Gonzalez, Venezuelan parasitologist (Santa María de Ipire, Guárico State 16 June 1896 – Caracas 24 July 1973)

Authored about 150 publications

First in the world applied xenodiagnosis method for demonstrate Chagas disease (1934)

Despistaje de la Enfermedad del Chagas por el método xenodiagnostico

Conceived a new fast method for diagnosing Chagas disease in its chronic stage

With J.V. Scorza, A. Alvarez, I. Ramos, C. Dagert & V. Díaz. Nuevo método rápido para El diagnostico de La enfermedad de Chagas en su fase cronica. Arch. Venez. Med. Trop. Parasit. Med. 3:121-35, 1959

## DESCRIBED PARASITIC SPECIES

### Protozoa

*Klossiella tejera* 1957 with Scorza

*Sarcocystis cervi* 1957 with Scorza

*Sarcocystis didelphis* 1957 with Scorza

*Trypanosoma barnolai* 1955

*Trypanosoma itragoi* 1954

### Nematoda

*Carcharolaimus acutus* 1968

*Peltamigratus arcuatus* 1968

## HONORS

Brault Award, Academie de Medicine de Paris

Member, Royal Society of Tropical Medicine and Hygiene, London

## LINKS

<http://vitae.ucv.ve/?module=articulo&rv=11&n=138> See <http://vitae.ucv.ve/?module=articulo&rv=11&n=138>.

# Jose Francisco Zikan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Francisco Zikán, Czech-born Brazilian entomologist (Tepliz-Schoenau, Bohemia 19 March 1881 – São Paulo 23 May 1949)

Authored 61 papers

Elucidated the complete life cycle of a number of Brazilian species of insects

## DESCRIBED NEW TAXA

### Lepidoptera

#### Genera

*Stichelia* 1949

*Neomelese* 1968

*Paramesele* 1968

#### Species

At least 95

### Coleoptera

O gênero *Parandra* Latr., 1804, com a descrição de 14 espécies novas (Col; Cerambycidae). Rev. Soc. Ent. Arg. 14:22-50, 1948

### Hymenoptera

Described 90 new species of genus *Mischocyttarus*, beyond other species in this group

## HONORS

*Zikania* Borgmeier 1925 (Diptera)

*Zikaniola* Carvalho 1946 (Hemiptera)

*Zikanita* Lane 1943 (Coleoptera)

*Zikanapis* Moure 1945 & *Zikaniella* Moure 1941 (Hymenoptera)

*Lepidozikania* Travassos 1949 (Lepidoptera)

*Zikanella* Hering 1932 (Lepidoptera)

*Zikanyrops* Hopp 1928 (Lepidoptera)

Subg. *Zikandra* Santos Silva 2003 (Coleoptera)

His son, Walter Zikán, entomologist and politician (Mar de Espanha, Minas Gerais State 06 June 1910 – Itatiaia, Rio de Janeiro State 05 March 1989)

Authored 12 entomological works

With his father co-described at least 16 new species of butterflies

## HONORS

*Walterianella* Bechyné 1955 (Coleoptera)

# Jose Ignacio Torralbas

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José Ignacio Torralbas y Manresa, Cuban physician and naturalist (Matanzas 23 January 1842 – La Habana 06 December 1903)

## SOME BIBLIOGRAPHY

Informe sobre el nombre científico y vulgar de un árbol cubano (Bijaguará). Anal. Acad. Cien. Med. Fís. Natur. La Habana 43:217-20, 1906-7

Informes sobre la pesca de esponjas en Caibarién. Anal. Acad. Cien. Med. Fís. Natur. La Habana 43:210-5, 1906-7

With J. Gundlach. Contribución al estudio de los crustaceos de Cuba. Notas compiladas y completadas por el Dr. J.I. Torralbas. Anal. Acad. Cien. Med. Fís. Natur. La Habana 37(36), 1900

With M. Gómez de la Maza. Flórula fanerogámica del jardín botánico y del vedado (1895)

Notas para el estudio de la hematoquiluria. Anales Real Acad. Cien. Med. Fís. Natur. La Habana 28:208-25, 1891-2

Los insectos y la selección natural de las plantas. Thesis, Universidad de La Habana (1890)

Consideraciones sobre la antropología de la Oceania. Bol. Soc. Antrop. Cuba 1(6):135-44, 1885

Estudio teratológico de un caso de encefalia (1876)

## HONORS

*Torralbasia* Krug & Urban 1904 (Celastraceae)

# José J. Puente

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José J. Puente, Argentine dermatologist (1901 – 1947)

Described cheilitis glandularis simplex or simple glandular cheilitis (Puente syndrome)

With A. Acevedo. Queilitis glandular. Rev. Med. Lat. Am. 12:671, 1927

## SOME BIBLIOGRAPHY

With C. Quevedo & C.P. Malbrán. Prurigo y liquenificación de cara. Rev. Arg. Dermatosisif. 26:1127, 1942

Necrobiosis lipoidica diabética. Rev. Arg. Dermatosisif. (1941)

Panniculitis nodularis recidivans febrilis durch Staphylokokken. Ein fall von granuloma lipophagicum der Brust. Zbl. Haut u-Geschl-Kr. 63:672, 1940

Tuberculide rosaceiforme de Lewandowsky. Rev. Arg. Dermatosisif. 24:614, 1940

Formas anatómicas clínicas del estímeno de la vulva y del síndrome anarrectogenital. Rev. Med. Lat. Am. 23:367-410, 1938

Queilitis glandular simple y epiteloma. Rev. Arg. Dermatosisif. 21:688, 1937

Miasis forunculosa. Rev. Arg. Dermat. 18, 1934

La queilitis glandular simple y estados alegados (1934)

Los grupos sanguíneos en la lepra. Rev. Asoc. Arg. Derm. Sifil. 12:125-37, 1927-8

Modifications histologiques de la peau du Crapaud hypophysectomisé (1927)

Sífilis del cuello uterino (1925)

Les espiroquetas. Rev. Centro Estud. Med. Bs Aires 23:260, 1923

Queilite glandular apostematosa

With L.A. Cordiyola. Sebocistomatosis



# Jose Jeronimo Triana

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

José Jerônimo Triana Silva, Colombian botanist, physician and explorer (Bogotá 22 May 1828 –Bogotá 31 October 1890)

Developed many therapeutic products such as Triana cough syrup, Triana patches or Andean plaster (bandages to treat corns), powder toothpastes, Colombian powder and a quine-based medicinal wine

Popularized the industrial use of a plant pigment known as Triana green for staining

Contributed to discovery of new alkaloids such as cinchonamine

## DESCRIBED VALID PLANTAE GENERA

*Achatocarpus* 1858

*Brachyotum* 1867

*Burmeistera* 1857 with Karsten

*Calycophyllum* 1855 with Karsten

*Cephalotomandra* 1855 with Karsten

*Clusiella* 1860

*Comatoglossum* 1855 with Karsten

*Cuervea* 1872

*Dendrostylis* 1854 with Karsten

*Diplarpea* 1867

*Gloeospermum* 1862 with Planchon

*Havetiopsis* 1860 with Planchon

*Llerasia* 1858

*Monolena* 1867

*Oedematopus* 1860 with Planchon

*Pelliciera* 1862 with Planchon

*Stephanogastra* 1854 with Karsten

*Thinouia* 1862 with Planchon

*Tovomitopsis* 1860 with Planchon

*Trichantha* 1854 with Karsten

## HONOURS

Vice president, International Congress of Botany, London for his fame as expert on South American tropical flora (1866)

Gold Medal at International Exposition of Paris for his herbarium and archaeological collection (1867)

Award at Universal Exposition of Paris (1889)

Medal of Société de Agriculture de France due to his work La Quinología de Mutis (1872)

## HONORS

*Trianaea* Planchon & Linden 1853 (Solanaceae)

*Trianaeopiper* Trelease 1928 (Piperaceae)

# José Leal Prado

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Leal Prado de Carvalho, Brazilian biochemist (Alfenas, Minas Gerais State 08 September 1918 – São Paulo 11 January 1987)

Authored most of his works joint to his wife biochemist Eline Michelet Sant'Anna Prado (1921-2007)

## ACHIEVEMENTS

Discovered metacorticoid hypertension independently of S. Fridman

Demonstrated the tissue conversion of angiotensin I to angiotensin II, the first demonstration of the presence of converting enzymes in tissues

With E. A. Carlini & Z. Picarelli. Pharmacological activity of hypertension I and its conversion into hypertension II. Bull. Soc. Chim. Biol. 40:1825-34, 1958

Performed important studies on metabolism and release of kinins

First described clostripain, a kinin from bacterial origin

First obtained urinary kallikrein in pure form

With H.B. Nader first to show that the constitution of heparin is heterogeneous with distinct components and molecular weights (1974)

With A.C.M. Paiva & T.B. Paiva. Non-identity between pepsitensin and hypertension revealed by paper electrophoresis. Science 120:611, 1954

Isolated and characterized glycyl-bradykinin from wasp venom

With J. Ribeiro do Valle developed a method or test for pregnandiol (Leal-Valle method) and proposed a model of mice cage described in Ciencia & Cultura number 1, 1949

## DID YOU KNOW?

Invited to a position in H. Goldblatt laboratory (Mount Sinai Hospital, Cleveland) 1956

Invited to head Pharmacology Department at Université de Montreal (1967)

See Brazilian Journal of Medical and Biological Research 20(5):485-6, 1987

# Jose Luis Sersic

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Luis Sersic, Argentine astronomer (Bella Vista, Corrientes Province 06 May 1933 – Carlos Paz, Cordoba Province 10 July 1993)

From Croatian descent

## ACHIEVEMENTS

Authored 129 works with at least 10.000 citations

Enunciated Sersic profile law, a generalization of Vaucouleurs law

Influence of the atmospheric and instrumental dispersion on the brightness distribution in a galaxy. Bol. Asoc. Arg. Astron. 6:41, 1963

Codiscovered Sersic-Pastoriza nuclei and Sersic-Pastoriza galaxies

With M.G. Pastoriza. Peculiar Nuclei in Galaxies. PASP 77:287, 1966.

## EPONYMY

Sersic index or parameter

Sersic magnitudes

Sersic function

Sersic surface

Sersic galaxies

Sersic spheroids

# José Manuel Rivero Carvallo

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Manuel Rivero Carvallo, Mexican cardiologist (Tehuacán, Puebla State 01 April 1905 – Ciudad de Mexico 15 February 1993)

## ACHIEVEMENTS

Described Carvallo sign

Signo para el diagnostico de las insuficiencias tricuspideas. Arch. Inst. Cardiol. Mex. 16:531, 1946

Described the use of Rivero Carvallo maneuver in the diagnosis of tricuspid stenosis

El diagnostico de la estenosis tricuspidea. Arch. Inst. Cardiol. Mex. 20:1-11, 1950

Described the sign of the double apical thrust

El signo de doble choque apexiano. Arch. Inst. Cardiol. Mex. 32(5):387-99, 1962

Designed a manoeuvre to determine apex area

Studied syndrome of compression of the left main bronchus or King-Landau-Rivero syndrome

The Left Bronchial Compression Syndrome. Am. J. Cardiol. 9:521, 1962

Discovered atrium papyraceum

Semiología de las lesiones tricuspideas. Arch. Inst. Cardiol. Mexico 21:567-93, 1951

With H. Ramírez-Jaime. Atrium papyraceum: the clinical diagnosis of the paper-thin right atrium. Am. J. Cardiol. 16(3):369-78, 1965

# José Manuel Riveros

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Manuel Riveros Nigra, Paraguayan-born Brazilian physical chemist (Asunción 16 April 1940 –

Performed important contributions to ion-molecule reactions in gas phase

Described Riveros reaction or  $\alpha$ -elimination of CO leading to the carbonylation of the ester, an efficient way of generating a solvated ion in the gas phase at low pressures (1968)

With S.M. José & K. Takashima. A novel reaction to generate anion adducts in the gas phase (1989)

With P. C. Isolani, H.V. Linnert, M.C. Kida-Tinone et al. Construção e desempenho de um espectrômetro de massa por transformada de Fourier. Quim. Nova 15:351-3, 1992

With Z. Zhu. A kinetic method to distinguish isomeric  $C_3H_5^+$  cations. Rapid Comm.Mass. Spectrom. 5:387-90, 1991

# José Manuel Ruiz

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Manuel Ruiz, Brazilian helminthologist and parasitologist (Dourado, São Paulo State 04 February 1913 – São Paulo 28 March 1959)

From Spanish parents

## METHODS

Described perfusion and collecting techniques for *Schistosoma* sp.

Técnica de perfusão para a coleta de *Schistosoma mansoni* em animais de laboratório. Mem. Inst. Butantan 24(2):101-9, 1952

Processo rápido de perfusão do sistema porta-hepático de mamíferos para coleta de esquistossomídeos, aplicável aos trabalhos de campo. Mem. Inst. Butantan São Paulo 25(2):29-33, 1953

## DESCRIBED TREMATODA/NEMATODA TAXA

### Valid Genera (all Trematoda)

*Aliptrema* 1954 with Leão

*Liophistrema* 1943 with Leão & Artigas

*Neotangium* 1943

*Westella* 1943 with Leão & Artigas

### Species

*Aliptrema ribeiroi* 1954 with Leão

*Catadiscus freitaslenti* 1943

*Cercaria acaudata* 1952

*Cercaria amplicocicata* 1953

*Cercaria caratinguensis* 1953

*Cercaria hemiura* 1952

*Cercaria lutzi* 1943

*Cercaria macrogranulosa* 1952

*Cercaria minense* 1952

*Cercaria santense* 1952

*Choledocystus vesicalis* 1943 with Leão

*Cyathocotyle brasiliensis* 1943 with Leão

*Gnathostoma brasiliense* 1952

*Haplometroides odhneri* 1959 with Perez

*Infidum intermedium* 1943 with Leão

*Liophistrema pulmonalis* 1943 with Leão & Artigas

*Mesocoelium sibynomorphi* 1943 with Leão

*Neotangium travassosi* 1943

*Opisthogonimus artigasi* 1943 with Leão

*Opisthogonimus fariai* 1943 with Leão

*Opisthogonimus fonsecai* 1943 with Leão

*Opisthogonimus pereirai* 1943 with Leão

*Petalediplostomum aristoterisi* 1954 with Rangel

*Pseudoneodiplostomum brasiliensis* 1954 with Rangel

*Ruicephalus minutus* 1946

*Westella serpentis* 1943 with Leão & Artigas

*Westella sulina* 1943 with Leão & Artigas

## HONORS

*Ruicephalus* Skrjabin 1955 (Trematoda)

# Jose Maria Orensanz

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José María (Lobo) Orensanz Barreiro, Argentine marine biologist (Mar del Plata 09 October 1945 – 05 January 2015)

## DESCRIBED VALID POLYCHAETA TAXA

### Genera

*Abyssoninoe* 1990

*Lumbrinerides* 1973

*Lumbrineriopsis* 1973

*Mammiphitime* 1990

*Pettiboneia* 1973

*Pinniphitime* 1990

*Pleijelius* 2006 with Salazar Vallejo

### Species

*Arabella protomutans* 1990

*Australonuphis casamiquelorum* 1974

*Chaetozone lae* 2017 with Elias & Rivero

*Cossura heterochaeta* 1976

*Drilonereis simplex* 1974

*Drilonereis viborita* 1990

*Eunice austropacifica* 1990

*Flabelligena erratica* 1974

*Glycinde henningi* 2007 with Boeggemann

*Harmothoe madrynsis* 2012 with Barnich & Fiege

*Hemipodus olivieri* 1974 with Gianuca

*Hyalinoecia incubans* 1990

*Kinbergonuphis oligobranchiata* 1974

*Kirkegaardia morae* 2017 with Elias & Rivero

*Leptoecia vivipara* 1990

*Lumbrinerides gesae* 1973

*Lumbrineris knipovichana* 1973

*Mammiphitime tridentata* 1990

*Marphysa galluccii* 1990

*Nothria aniculata* 1974

*Ophelina alata* 2003 with Elias, Bremec & Lana

*Ophelina gaucha* 2003 with Elias, Bremec & Lana

*Paleanotus intermedius* 1972

*Pettiboneia hartmanae* 1990

*Pettiboneia sanmatiensis* 1973

*Pinniphitime pinnognatha* 1990

*Pleijelius longae* 2006 with Salazar Vallejo

*Scoelelepis gaucha* 1974 with Gianuca

*Sigalion cirrifer* 1974 with Gianuca

*Travisia amadoi* 2003 with Elias, Bremec & Lana

## HONORS

*Loboneris Carrera-Parra* 2006 (Anelida Polychaeta)

## LINKS

[revbiolmar.cl/resumenes/v504/504-397.pdf](http://revbiolmar.cl/resumenes/v504/504-397.pdf)

<https://www.redalyc.org/pdf/479/47943353001.pdf>

# José María Sobral

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José María Sobral Iturriz, Argentine geologist, polar explorer and geographer (Gualeguaychú, Entre Ríos Province 14 April 1880 – Buenos Aires 14 April 1961)

Authored 29 publications

## SOME BIBLIOGRAPHY

On the contact features of the Nordingra region. Bull. Geol. Inst. 9:118-28, 1910

Contribution to the geology of the Nordingra region (1913)

On a granite of Hemson. Physis 2(10):122-7, 1916

Sobre el piroxeno y la olivina de la diabasa de Ulfö. Physis 4 (17):290-1, 1918

Estudio petrografico de algunas rocas argentinas. An. Sección Geol. Mineral. Minist. Agric. 2, 1918

Some physiographic notes on the Sierra de Famatina. Geogr. Annaler 3:311-26, 1921

Problemas hidrograficos en los Andes Australes (1921)

La mina aurífera de San Ramón, Departamento de Tupungato (Provincia de Mendoza). Segundo Congr. Ingenieria (1928)

Sobre el petroleo y el carbón. Rev. Col. Libre Estud. Super. 9:2264-91, 1941

Geología de la comarca del territorio de La Pampa situada al occidente del Chadi-Levu. Bol. Inform. Petrol. 212:33-81, 1942

Geografía de la región occidental del territorio de La Pampa. Anales Primer Congr. Panam. Minas Geol. 2:668-750, 1942

La Plataforma continental del continente Antartico. Rev. Arg. Austral. 19(222):5-11, 1949

## HONORS

*Sobraliceras* Medina & Riccardi 2006 (Fossil Cephalopoda)



# Jose Maria Vargas

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José María de Las Dolores Vargas Ponce, Venezuelan statesman, physician, naturalist and chemist (La Guaira 10 March 1786 – New York 13 July 1854)

He was owner of a mineral collection, a herbarium, a chemical laboratory and the best private library of his country

With José da Cruz Limardo obtained alkaloids from *Cinchona* species

Collected more than 800 plant specimens from Venezuela and Caribbean islands that sent to herbaria of De Candolle family (Geneve), Smithsonian Institution and New York Botanical Garden

## SOME BIBLIOGRAPHY

### Medicine

Memoria sobre el mal de Lazaro (with J.J. Hernandez)

Memoria sobre los aneurismas (1828)

Memoria sobre los nervios cervicales y de los cardiacos observados en un loco (1828)

Memoria sobre el dengue (1828)

Monografia sobre casos practicos de insectos en las fosas nasales (1828)

Memoria sobre los perjuicios de la pesca, por médio de barbasco, y otros venenos (1828)

Memoria sobre dos fetos monstruosos (1828)

Memoria sobre um aneurisma de la artería hepática (1828)

Memoria sobre uma singular distribución de los ureteres, observada em um cadáver disecado em el anfiteatro de la classe de Anatomia (1829)

Descripción de una ptósis en el ojo derecho de un hombre (1829)

Memoria sobre el cólera morbus (1831)

Monografia sobre la epilepsia (1831)

Instrucción popular sobre el cólera (1832)

Manual de Cirurgia (1841)

### Botany

Organografía

Observaciones sobre el sistema de Linneo

Plantas útiles de Venezuela y Puerto Rico

Monografia sobre las gramíneas

## OFFICE

President of Venezuela (09 February – 09 July 1835; 20 August 1835-24 April 1836)

## HONORS

Elected Member, Royal College of Surgeons of London (1810s)

Genus *Vargasia* Bertero 1825 (Sapindaceae)

# Jose Maria Velasco

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José María Tranquilino Francisco de Jesús de Velasco Gómez, Mexican landscape painter, scientific illustrator and naturalist (Temascalcingo, Mexico State 06 July 1840 – Ciudad de México 26 August 1912)

## AUTHORED

Research about anatomy and metamorphosis of axolotl in which described *Siredon tigrina* (named *Ambystoma velasci* later)

Descripción, metamorphosis y costumbres de una especie nueva del género *Siredon*, encontrada em el lago de Santa Isabel, cerca de la Villa de Guadalupe Hidalgo, Valle de México. La Naturaleza 4:209-33, 1879

Anotaciones y observaciones al trabajo del sr. August Weismann sobre la transformación del ajolotle mexicano em *Amblystoma*. La Naturaleza 5:58-84, 1880

With I. Velasco. Estudios sobre una nueva especie de falsa jalapa de Querétaro *Ipomoea triflora*. La Naturaleza 1:338-42, 1870

Estudio sobre la familia de las cactáceas de México. La Naturaleza 1:201-3, 1870

## HONORS

*Velasco* Calderón & Rzedowski 1997 (Plantae)

# Jose Mariano da Conceicao Velloso

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José Mariano da Conceição Velloso, Brazilian / Portuguese Franciscan friar, publisher and naturalist (Tiradentes, Minas Gerais State 15 August 1742 – Rio de Janeiro 13 July 1811)

His real name was José Vellozo Xavier (some sources give October 14, 1742 as his birth date)

Collected animal, plant and mineral specimens in the Province of Rio de Janeiro (1783-90)

Authored *Florae Fluminensis* (1790, but published posthumously only in 1825-7) in which described many genera and species of Brazilian flora

## DESCRIBED VALID TAXA (1825-7)

### Genera

*Ravenia*

*Leretia*

*Chresta*

*Schwartzia*

*Cleobula*

*Lamanonia*

*Hilleria*

*Dulacia*

*Joannesia*

### Subgenus

*Trigonocarpus*

### Incertae sedis

*Ivonina*

### Species

At least 163

## SOME BIBLIOGRAPHY

Alographia dos alkalis fixos, vegetal ou potassa, mineral ou soda, e dos seus nitratos (1793)

Diccionario Portuguez e Brasiliano (1795)

Memórias, e extractos sobre a pipereira negra (*Piper nigrum*) que produz o fructo conhecido vulgarmente pelo nome de pimenta da India (1798)

Memória sobre a cultura do loureiro cinamono, vulgo caneleira de Ceilão, que acompanhou a remessa das plantas da mesma feita de Goa para o Brasil (1798)

Quinografia portuguesa: ou collecção de várias memórias sobre vinte e duas espécies de quinas, tendentes ao seu descobrimento nos vastos domínios do Brasil (1799)

O Fazendeiro do Brazil (an 11-volume rural encyclopedia) 1799-1806

Relação das moedas dos paizes estrangeiros com o valor de cada huma, reduzido ao dinheiro portuguez para o uso dos comerciantes (1800)

Aviário Brazilico ou Galeria Ornithologica das aves indígenas do Brazil (1800)

Extracto sobre os engenhos de assucar do Brasil, sobre o methodo já então praticado na factura deste sal essencial (1800)

Instrucções para o transporte por mar de arvores, plantas vivas, sementes e de outras diversas curiosidades naturaes (1805)

Descriptio et adumbratio plantarum classe criptogamica Linnei, Lichenes dicuntur

Descripção de vários peixes do Brazil

Tratado da navegação por canais

## HONORS

*Mycovellosiella* Rangel 1917 (Fungi)

*Velloysiella* Baillon 1887 (Scrophulariaceae)

# Jose Negrete Martinez

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

José Gabino Negrete y Martínez, Mexican neurophysiologist and computer scientist (Ciudad de Mexico 09 June 1929 –

First to set modulatory role of hormones in synaptic mechanism in a general way

Influencia de la Corteza Suprarrenal sobre el Sistema Exterofector. Bul. Inst. Estud. Med. Biol. 10(1-6):41-83, 1952

Discovered the selective and destructive manner that capsaicin affects upon synaptic vesicles and its modulatory nature

With G. Yankelevich. Anestesia local producida por capsaicina. Rev. Inst. Salubr. Enferm. Trop. Mexico 17(2):65-8, 1957

Discovered that newborn animals don't display reflex palsy immediately after spinal cord lesions

With C. Guzmán, A. Fernandez & E.C. del Pozo. El choque espinal en gatos jóvenes. Bol. Inst. Estud. Med. Biol. Mex. 12(7):169-72, 1954

Enunciated the nature of information code of neural impulses chains

With G. Yankelevich, G. Theodoridis & L. Stark. Photosensitive neurons of the crayfish sixth ganglion as a dual system, each neuron carrying the same signal information. Quart. Progr. Report MIT 75:197-209, 1964

Authored a paper about diffusion processes of chemical means in synaptic sulcus

With J. del Castillo, I. Escobar & G. Yankelevich. Spreading activation of end-plate receptors by single transmitter quanta. Nature New Biology 235(57):158-62, 1972

Designed and invented a signal filter that detects strange waves in electroencephalogram

With W.A. Giloi. A pattern recognition filter for processing electrophysiological data. Bol. Inst. Est. Med. Biol. Mexico 24(1-3):13-21, 1966

Designed an automatic medical diagnosis system using graphic computing techniques and Bayesian theorem (1971-2)

With F. Bracho. A data structure for a diagnosis oriented informational system. Comun. Tecnicas CIMAS UNAM 4(22), 1973

Proposed a new auto-organization mechanism in conduct oriented modules

Used Minsky signs for representation of knowledge in artificial intelligence (1972)

Created an electronic system for simulation of abstract metabolic chains with educational purposes

Experi/Mentor: un aparato que tiene como objeto el auxiliar la enseñanza del método experimental y/o servir como instrumento para la evaluación de creatividad. Mem. XI Congr. Nac. Cienc. Fisiol. (1976)

With R. Hernandez del Pozo. An expert system for prediction of proneness to cardiovascular and cancer diseases based on behavioral traits. Mem 13<sup>th</sup> Ann. Conv. Assoc. Behav. Analysis (1987)

With P.P. Gonzalez Perez authored new multi-agent expert systems with emergent control (1998)

## LINKS

<http://www.uv.mx/juntagob/files/2012/09/semblanzaJoseNegreteMartinez.pdf>

# Jose Oca Balda

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Antonio Oca Balda, Argentine Navy officer and hydrographer (Santo Antonio de Areco, Buenos Aires Province 15 April 1887 – Buenos Aires 09 May 1939)

## **INVENTIONS/PATENTS (18 in Argentina & USA)**

Torpedo controller with handle for dispersion

Automated electric iron

Stove with ambivalent source of power

A combined heating system (1925)

Alternated time controlled mechanism for irons US 1350933

Electric iron US 1366480 (1919)

Time-controlled starting and stopping mechanism US 1368828A (1919)

Time-controlled electric heater US 1371184A (1919)

Electric heating system US 1369702 (1920)

# José Oiticica Filho

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

José Rodrigues Leite e Oiticica Filho, Brazilian entomologist and photographer (Rio de Janeiro 28 February 1906 – Rio de Janeiro 26 July 1964)

Regarded as one of best photographers in the world in according to Fédération d'Art Photographique (c.1944) and Photographic Society of America (1949)

His name was included in the list of best photographers in the world by Fédération Internationale d' Art Photographique

Authored over 60 papers

## DESCRIBED LEPIDOPTERA GENERA

*Adhemarius* 1939

*Almeidella* 1946

*Autogramma* 1946

*Cicia* 1964

*Duboisvalia* 1955

*Feschaeria* 1954

*Frostetola* 1955

*Hista* 1954

*Lapaeumides* 1954

*Pantophaea* 1946

*Psigida* 1959

*Riechia* 1954

*Sagenosoma* 1946

*Tosxampila* 1955

*Uestiudia* 1955

*Yagra* 1955

*Zegara* 1954

## HONORS (Lepidoptera)

*Oiticicia* Michener 1949

*Oiticicastnia* Lamas 1995

*Citioica* Travassos & Noronha 1965

*Oiticella* Travassos & Noronha 1965

*Lepidoiticia* Travassos 1958

# Jose Palacios Vargas

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Guadalupe Palacios Vargas, Mexican entomologist (1952 –

## Genera

### Collembola

*Americabrya* 1987 with Mari Mutt

*Austrogastrura* 1999 with Thibaud

*Borgesminthurinus* 2020 with Vacaflares-Argandoña

*Dietersminthurus* 1998 with Cuellar & Vazquez

*Celegastrura* 2000 with Mendoza & Villalobos

*Ecuadorgastrura* 2001 with Thibaud

*Honduranura* 2017

*Mexicaphorura* 2013 with Catalán

*Nahuanura* 1986 with Najt

*Sernatropiella* 2019

*Speleonura* 2007 with Simón Benito

*Spinaethorax* 2016 with Papac

*Tabasconura* 2015 with Catalán

*Tenentiella* 1997 with Vazquez

*Troglobius* 1990 with Wilson

*Troglospinotheca* 1999

*Varelasminthurus* 2015 com Silva & Bellini

## Acari

### Family

Proterorhagidae 1991 with Lindquist

### Genus

*Proterorhagia* 1991 with Lindquist

### Species

About 300 being 225 Collembola and 70 others in Acari, Protura & Diplura

# José Pellegrino

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

José Pellegrino, Brazilian parasitologist and tropical physician (Passagem de Minas, Minas Gerais State 11 November 1922 – Belo Horizonte 10 February 1977)

From Italian parents

Authored over 350 papers

Described two Diptera species, *Lutzomyia ferreirana* and *L. firmatoi* with Barretto & Martins (1956)

First report about Chagas disease transmission by blood transfusion

Transmissão da doença de Chagas pela transfusão sanguínea. Primeiras comprovações sorológicas de esquizotrípanos em doadores e em candidatos a doadores de sangue. Rev. Bras. Med. 6(5):297-301, 1949

Identified 14, 15-epoxi-geranylgeraniol, from fruits oil of *Pterodon pubescens* which prevents the penetration of cercariae of *Schistosoma* into the skin of host

With M.F. Santos Filho, H.J. Monteiro, B. Gilbert & W.B. Mors. Chemoprophylactic agent in schistosomiasis: 14,15-epoxigeranylgeraniol. Science 157:950-1, 1967.

Standardized immunological reactions establishing its value in schistosomiasis epidemiology

Técnica de reação intradérmica para diagnóstico da esquistossomose. Rev. Bras. Malariol. Doenças Trop. 9:105-21, 1957

Diagnóstico da esquistossomose pela reação intradérmica. Rev. Bras. Doen. Trop. 9:105, 1957

Developed Kagan-Pellegrino-Memoria technique for preparation of antigens for *Schistosoma mansoni*

With J. G. Kagan & J.M. P. Memória. Studies on the standardization of the intradermal test for the diagnosis of bilharziasis. Amer.J. Trop. Med. Hyg. 10:200-7, 1961

Developed a method for preparation of *Schistosoma mansoni* antigens employing modified Coca's solution

With J.G. Kagan. Critical review of immunological methods for diagnosis of bilharziasis. Bull. World Health Organization 25:611, 1961

Established technical basis for Chagas disease prophylaxis employing residual action insecticides (i.e. Gammexane or BHC in 1948) independently from Abalos

With E. Dias. Alguns ensaios com o “Gammexane” no combate aos transmissores da doença de Chagas no Brasil. Brasil Médico 62:185-91, 1948.

Proposed an evolutive and morphological classification of *Schistosoma mansoni* eggs

With G. Gazzinelli & F.J. R. Pinto. Purification and characterization of proteolytic enzyme complex of cercarial extract. Comp. Biochem. Physic. 18(14):689-700, 1966

With B. Gilbert, N. Nunes da Rocha & R. Borojevic. *Schistosoma mansoni* in vitro transformation of cercarial into schistosomules. Parasitology 64:333, 1972

Identified over 20 drugs with experimental activity on schistosomiasis

Proposed cellophane paper model for measuring the papulae intensity in schistosomiasis intradermoreaction

With D.G. Macedo. Novo critério de leitura da reação intradérmica na esquistossomose. Rev. Bras. Malar. 8(3):499-509, 1956

## PHYTOCHEMISTRY & PARASITOLOGY

With W.B. Mors, P.M. Baker, T.C.B. Tomassini, B. Gilbert, N. Katz et al. A atividade anti-helmíntica dos óleos essenciais e de seus componentes químicos. Anais Acad. Bras. Ciências 44:423-8, 1972

With B. Gilbert & D. Santos Filho. Extract of *Enterolobium timbouva* Martius, 1837, a penetration stimulant for cercariae of *Schistosoma mansoni*. Rev. Bras. Pesq. Med. Biol. 4(4-5):315-6, 1971

With B. Gilbert, J.P. Souza, C.C. Fortes, D. Santos Filho, A.P. de Seabra & M. Kitagawa. Chemo prophylactic agents in schistosomiasis. I. Active and inactive terpenes. J. Parasitol. 56:397, 1970

With P.M. Baker, C.C. Fortes, E.G. Fortes, G. Gazzinelli, B. Gilbert, J.N.C. Lopes, T.C.B. Tomassini & W. Vichnewski. Chemoprophylactic agents in schistosomiasis, eremanthine, costunolide, alpha cyclo costunolide and bisabolol. J. Pharm. Pharmacol. 24:853-7, 1972

With B. Gilbert, J.P. de Souza, M. Fasao & A.P. de Seabra. Esquistossomose: proteção contra infecção por terpenóides. Anais Acad. Bras. Ciências 42:397-400, 1970 (Suppl)

With A.V. Pinto, M.C.R. Pinto, B. Gilbert & R.M. Mello. Schistosomiasis mansoni: blockage of cercarial skin penetration by chemical agents: I. Naphthoquinones and derivatives. Trans. Royal Soc. Trop. Med. Hyg. 71:133-5, 1977

## OTHER TECHNIQUES/METHODS

With L.H. Pereira, T.E. Valadares, R.T. Mello & P.M.Z. Coelho. A new approach for screening prophylactic agents in schistosomiasis. Rev. Inst. Med. Trop. S. Paulo 16:123-6, 1974

With F.J. Ramalho Pinto, G. Gazzinelli, R.E. Howells, T.A. Mota-Santos & E.A. Figueiredo. *Schistosoma mansoni*: defined system for stepwise transformation of cercariae to schistosomula in vitro. Exp. Parasitol. 36:360-72, 1974

With F.M. Coelho, G. Gazzinelli & L.H. Pereira. Standardization of the Fe59 incorporation method in *Biomphalaria glabrata* for use in study of the crowding effect. Rev. Inst. Med. Trop. 15(6):417-20, 1973

With N. Katz & A. Chaves. Uma técnica simples para a realização do exame de fezes quantitativo na esquistossomose. Cien. Cult. 24(6):416, 1972

With N. Katz & A. Chaves. A simple device for quantitative stool thick-smear technique in schistosomiasis mansoni. Rev. Inst. Med. Trop. S. Paulo 14:397-402, 1972

With C.E. Borda. An improved thick-smear for quantitative diagnosis of *Schistosoma mansoni* infections. Rev. Inst. Med. Trop. S. Paulo 10:71-5, 1971

With J. Faria. The oogram method for the screening of drugs in schistosomiasis mansoni. Amer.J. Trop. Med. Hyg. 14:363-9, 1965

With C.A. Oliveira, J. Faria & A.S. Cunha. New approach to the screening of drugs in chemotherapy of *Schistosoma mansoni* in mice. Amer. J. Trop. Med. Hyg. 11:201-15, 1962

With A.F. Siqueira. Técnica de perfusão para colheita de *Schistosoma mansoni* em cobaios experimentalmente infestados. Rev. Bras. Malar. Doen Trop. 8:589-97, 1956

With Rosa M.B. Nunes. Technique for obtaining dried cercariae of *Schistosoma mansoni* for the preparations of antigens. Rev. Bras. Malariol. Doen. Trop. 8:397-404, 1956

With Z. Brener. Method for isolating schistosome granulomas from mouse liver. J. Parasit. 42:564, 1956

With D.G. Macedo. A simplified method for the concentration of cercariae. J. Parasit. 41:329-30, 1955



Técnica para reação de precipitina no diagnóstico da doença de Chagas com sangue colhido na polpa digital. O Hospital 4:437-41, 1953

Métodos e critérios para a realização de inquéritos sobre doença de Chagas em crianças. J. Pediat. 17(5):224-8, 1952

# Jose Perez Larios

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Perez Larios, Mexican mining engineer (fl.1946–81)

## SOME BIBLIOGRAPHY

With F. Guerra Pena & S. Hernandez y Sanchez Mejorada. The use of air photographs in the development of the natural resources of Mexico (1963)

Exploración minera de sal en domos en el Estado de Louisiana, Estados Unidos (1960)

With J. Martínez Bermudez, S. Cortez Obregón, L. Torres-Villegas, A. Gamboa Avitia, S. Cruz Castellán & M. Puebla Peralta. La cuenca carbonífera de la Mixteca (1956–7)

Geological study of the region where the Guadalcázar stanniferous places are located (1948)

## HONORS

*Perezlaria* Delevoryas & Gould 1971 (Fossil Plantae)

# José Piazza

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Giuseppe Piazza, Swiss-born Argentine chemical engineer (Blenio District, Ticino Canton 20 March 1892 – ?)

## DEVELOPED

### Methods

Generalized the procedure of electric discharges at low pressures

Gasometric procedure for determination of solid substances

Distillation procedures based on a rotating system of his own invention

Contribución al estudio de la destilación fraccionada. Nuevo metodo para la determinación rapida de las curvas de equilibrio entre temperatura y composición del líquido y del vapor (1927)

### Devices

Nuevo motor termico (1938)

Destilación fraccionada con aparatos de contracorriente intensa (1941) (developed a distiller)

Piezometro de laboratorio (1942)

Electromagnetic rotary viscometer

Glass thread microbalance

# José Ramírez Mateos

April 24, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

José Aurelio Ramírez Mateos, Mexican naturalist and physician (Ciudad de Mexico 12 November 1852 – Ciudad de Mexico 11 April 1904)

## DESCRIBED VALID PLANTAE SPECIES

*Bursera aptera* 1894

*Bursera morelensis* 1896

*Bursera trijuga* 1894

*Casimiroa pubescens* 1896

*Pterostemon rotundifolia*

## SOME BIBLIOGRAPHY

Estudio bacteriológico de las aguas potables de la Ciudad de Mexico

Raíces de la vid atacadas por la filoxera

La fumagina del cafeto

El picudo del algodoner

La vegetación de Mexico (1899)

La papaya voladora

Sinonimia vulgar y botânica de las plantas mexicanas (1902)

Herbario de Cervantes

Razas primitivas de America

Noticias acerca de algunas laminas de la iconografia inédita de la Flora Mexicana de Sessé y Mociño (1903)

## HONORS

*Ramirezella* Rose 1903 (Fabaceae)

# José Reis

April 24, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Reis, Brazilian veterinarian and science popularizer (Rio de Janeiro 12 June 1907 – São Paulo 16 May 2002)

Recognized as a world expert on avian diseases

Coined the term ornithopathology

With P.C. Nóbrega described *Eimeria rhynchoi* 1936 (Protozoa Apicomplexa)

With P. C. Nóbrega proposed inoculation in pigeons as way for diagnosis of avian cholera in Arqu. Inst. Biol. 8:183, 1937

Described *Aspergillum* keratomycosis in Arqu. Inst. Biol. 11:437-50, 1939

With P. C. Nóbrega described a new technique for chicken embryo egg based vaccine preparation for avian spirochaetosis in Arqu. Inst. Biol. S. Paulo 12:87, 1941

Developed a prophylactic vaccine for avian yaws

With his wife, pharmacist Anita Sodré Swensson Reis (1910 – 1999) and Paulo da Cunha Nóbrega authored Tratado de Ornitopatologia (Treatise of Ornithopathology) translated to many languages (1936). This book was regarded as complete and used (in Portuguese) at Rutgers University

With K.M. Silberschmidt & H. Rocha Lima authored Methoden der Virusforschungen later incorporated to Abderhalden's Handbuch der biologischen Arbeitsmethoden (1939)

# Jose Ribeiro do Valle

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

José Ribeiro do Valle, Brazilian pharmacologist (Guaxupé, Minas Gerais State 15 August 1908 – São Paulo 19 December 2000)

Demonstrated the presence of yellow bodies of ovary in non-venomous ovoviparous snakes and reported original observations about endocrine glands in these vertebrates

With P.R. Souza. Observações sobre o sistema endócrino dos ofídios. Rev. Bras. Biol. 2:81-8, 1942

Demonstrated the presence of androgens in testicles and estrogen in ovaries of Crotalidae

With Luiz A. Ribeiro do Valle. Gonadal hormones in snakes. Science 97(2522):400, 1943

First observed the triple effect, an early indication of reactive vasoconstrictor in peripheral vascular beds following 9-THC injection

With S.W. Siqueira & A.J. Lapa. The triple effect induced by  $\Delta$  9-tetrahydrocannabinol on the rat blood pressure. Europ. J. Pharmacol. (1979)

Proposed relative responsiveness or rho ratio a new parameter for classification of receptor system, which measures the capability of a receptor system to induce a maximal contraction after saturation by a full agonist

With A. Jurkiewicz, N.H. Jurkiewicz & G.G. Barros. Relative responsiveness ( $\rho$ ) of pharmacological receptor systems in the rat vas deferens. Pharmacology 2:89-99, 1969

Proposed a model of mice cage named EPM

With J. Leal Prado. Modelo prático de gaiola para ratos em experimentação. Cien. Cult. 1:116, 1949

Authored important studies about the action of hormones on motricity of genital muscles

Farmacologia do Canal Deferente e da Vesícula seminal de cobaia (Papel dos hormônios sexuais)

With L.C.U. Junqueira. Motility and pharmacological reactivity of genitals of vitamin E deficiente rats. Endocrinology 40:316-21, 1940

With T.H. & A. Porto. Contractilite et reactions pharmacologiques des canaux deferents et des vesicules des rats castres et traites par les hormones sexuelles. Comptes Rendus des Seances de la Societe de Biologie et de (1938)

With T.H. Martins. Contractilite, survie et pharmacologic in vitro de l'epididyme humain, Compt. rend. Soc. biol. 129: 1152, 1938.

With T.H. Martins. Contractilite et pharmacologie comparee in vitro des canaux deferents de *Macacus rhesus* normaux, castres ou injected d'hormones sexuelles' C. R. Soc. Biol, Paris, 129:1122-5 (1938)

With T.H. Martins. Endocrine control of the motility of the male accessory genital organs. Endocrinology 25:80-90 (1939)

## DEVELOPED METHODS

Proposed using pigeons with crop fistula for quantitative assay of prolactin

Test para a prolactina baseado em frottis da mucosa do papo de pombo (1937)

Ovarian hyperemia in the immature rat as a pregnancy test in equids. Proc. Soc. Exp. Biol. Med. 66(2):352-4, 1947

With Z. P. Picarrelli, R. Kupper, E.S. Prado & J.L. Prado. Assay of renin and hypertension with the isolated guinea-pig ileum. Circ. Res. 2(4):354-8, 1954

With J. Leal Prado developed a method or test for pregnandiol (Leal-Valle method)

## HONOURS

Honorable Mention, American Psychological Association for his work

With T. Martins. Hormonal regulation of the micturition behavior of the dog. J. Comp. Phys. Psych. 41(5):301-11, 1948

His second spouse Zuleika Pentone Picarelli Ribeiro do Valle, pharmacologist (São Paulo 02 May 1926 – São Paulo 03 April 2016)

With J.H. Gaddum discovered the existence of multiple serotonergic receptors (1956)

With J. Gaddum first classified and recognized distinct 5-HT receptors called M & D (1957)

With J. Ribeiro do Valle wrote a book chapter about the venom from bristles of urticant caterpillars in *Venomous animals and their venoms* from W. Bucherl & E. Buckley (1971)

# José Rosemberg

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Rosemberg, Jewish Brazilian pneumologist and phthisiologist (London, England 19 September 1909 – São Paulo 24 November 2005)

From Austrian father and Polish mother

Authored 212 works on tuberculosis, 68 on smoking and 14 books

Internationally known for his work on tuberculosis control

With N. de Sousa Campos & Jamil N. Aun showed that BCG vaccine exerts protecting power against leprosy

## HONORS

Palme Académique de France (1970)

Tobacco and Health Medal, WHO (1991)

# Jose Ruiz Herrera

April 24, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

José Ruiz Herrera, Mexican mycologist and biochemist (Ciudad de Mexico 12 May 1935 –

Authored about 300 publications with about 8,700 citations in according to Research Gate

Recognized as foremost expert on fungal cell wall in the world

Proposed a new mechanism of regulation of gene expression

With I. Salas Vargas. Inhibición de la elongación de RNA m. Un nuevo mecanismo de regulación de la expresión genética (1973)

With I. Salas Vargas. Regulation of nitrate reductase at the transcriptional and translational levels in *Escherichia coli*. Biochim. Biophys. Acta 425:492-501, 1976

Isolated chitin synthetase and developed a technique for synthesizing microfibrils of cell wall in vitro

With S. Bartnicki-Garcia. Synthesis of cell wall microfibrils by a “soluble” chitin synthetase from *Mucor rouxii*. Science 186(4161):357-9, 1974

Discovered and isolated the chitosomes, intracellular organelles that contain and deliver chitin synthetase to cell surface

With C.E. Bracker & S. Bartnicki-Garcia. Structure and transformation of chitin synthetase particles (chitosomes) during microfibrils synthesis in vitro. Proc. Natl. Acad. Sci. USA 73:4570-4, 1976

Isolated the 16S subunit, the smallest unit capable of synthesizing chitin in vitro

With S. Bartnicki-Garcia & C.Bracker. Dissociation of chitosomes by digitonin into 16S subunits with chitin synthetase activity. Biochim. Biophys. Acta 629:201-16, 1980

With Spanish researchers determined different aspects of the molecular basis of cellular differentiation and dimorphism in fungi specifically the role of polyamines and DNA methylation

Polyamines, DNA methylation and fungal differentiation. Crit. Rev. Microbiol. 20:143-50, 1994

Helped to characterize the structure and role of proteins in the synthesis and final architecture of the fungal cell wall

## DEVELOPED METHODS

With J.J. Gonzalez. A continuous method for the measurement of urease activity. Anal. Biochem. 31:366-74, 1969

With A. Flores Carreón. Descripción de un metodo para medir glucosa y  $\alpha$ -glucosidasa. Rev. Lat. Am. Microbiol. 16:187-8, 1974

With C.G. León Ramírez, L. Valdés Santiago, E. Campos-Gongora, L. Ortiz Castellanos & E.T. Arechiga. A molecular probe for Basidiomycota: the spermidine synthase-saccharopine dehydrogenase chimeric gene. FEMS Microbiol. Lett. 312(1):77-83, 2010

## Papers in top journals

With V.O. Singh, J. Van der Woude & S. Bartnicki-Garcia. Microfibril assembly by granules of chitin synthetase. Proc. Natl. Acad. Sci. USA 72:2706-10, 1975

With J. Kamper, R. Kahmann, M. Bolker, L.J. Ma, T. Brefort et al. Insights from the genome of the biotrophic fungal plant pathogen *Ustilago maydis*. Nature 444:97-101, 2006

## HONOURS

Ruth Allen Award, American Society of Plant Pathology (1984)

## LINKS

[www.academic.oup.com/femsyr/article/6/7/949/492055](http://www.academic.oup.com/femsyr/article/6/7/949/492055)



# Jose Tadashi Yorinori

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Tadashi Yorinori, Brazilian plant pathologist (Londrina, Paraná State 12 September 1943 – Londrina, Paraná State 13 June 2016)

Considered a world authority on soybean diseases

Proposed fallowing for soybean (period of 60 to 90 days that you cannot sow or keep plants alive in the field)

With L.H. Klingelfuss. Novas raças de *Cercospora sojina* em soja. Fitopatolo. Bras. 24(4):509-12, 1999

Proposed a scale for level of infection in Oídio da soja (1997)

## DEVELOPED METHODS

With C.A. A. Arias & J.F.F. Toledo. An improved procedure for testing theoretical segregation in qualitative genetic studies of soybeans. Rev. Bras. Genet. 17(3):291-7, 1994

Método do palito de dente para seleção de genótipos de soja com resistência ao cancro da haste (1994)

Metodologia para avaliação da resistência ao cancro da haste da soja. Fitopatol. Bras. 16:58, 1991

Metodologia de produção de inóculo de *Diaporthe phaseolorum* sp.*meridioonalis* (1991)

With J.B. Sinclair. Assay methods for recovering *Cercospora sojina*, *C. kikuchii* and *Phomopsis* spp. From soybean seeds. Phytopath. 71:267, 1981

With J.B. Sinclair. Harvest and assay methods for seedborne fungi in soybeans and their pathogenicity. Plant Diseases 1:53-9, 1983

# José Ugalde Pérez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Ugalde Perez, Mexican physician (1883 – 1959)

Patented a drawing board US2424630A (1944)

Proposed a new concept about structure and features of the matter in Teoría omniológica: nuevo concepto sobre la estructura y características de la materia (1945)

Developed a formulation and an ionization machine for provoking artificial rains (1956)

# Jose Vallega

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Vallega, Italian/Argentine plant pathologist (Genoa 29 May 1909 – Rome 10 April 1978)

Authored over 200 scientific papers

Studied physiological races of the rusts of cereals and flax

With G. Garcia Rada, W.Q. Loegering & E.C. Stakman. An usually virulent race of wheat stem rust, N° 189. *Phytopathology* 32:720-6, 1942

## DEVELOPED NEW VARIETIES

Santa Fe (oat)

Dos nuevas selecciones de trigo de origen hibrido inmunes a *Puccinia glumarum*. *Rev. Fac. Agron.* 22(1):139-45, 1937

With G. Zitelli. New selections of durum wheat bred in Italy for resistance to the principal races of stem and leaf rusts.

With G. Zitelli. New high yielding Italian durum wheat varieties (1973)

With G. Zittelli, B.M. Mariani & E. Biancolatte. A durum wheat of high protein content useful for breeding purposes (1978)

## HONOURS

E.C. Stakman Award, University of Minnesota (USA) 1960

# Jose Valls

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

José Valls Ruiz, Argentine orthopedist (Buenos Aires 20 June 1896 – Buenos Aires 01 May 1977)

From Spanish parents

Authored about 130 works

New conceptions on the etiology and treatment os sciatica: vertebral arthritis as the cause of neurodocytic sciatica. *Rev. Oto-Neuro-Oftalm. Cir. Neurol.* (1927)

With C.E. Ottolenghi first to advocate biopsy of regional lymph nodes for conformation of the diagnosis of bone and joint tuberculosis (1931)

Developed a guiding compass for osteosynthesis of fractures of the neck of femur with Smith-Petersen nails and Valls-Lagomarsino nails

With E.H. Lagomarsino. Technique personnelle et nouvelle instrumentation pour l'osteosynthese du col femoral à ciel ouvert. *Bull. Soc. Nat. Chir. Paris* (1935)

With E.H. Lagomarsino. Tratamiento de las fracturas del cuello de fémur (1943)

With C.E. Ottolenghi & F. Schajowicz. La biopsia por aspiración en el diagnostico de las lesiones oseas (1942)

With C.E. Ottolenghi & F. Schajowicz. Aspiration biopsy in diagnosis of lesions of vertebral bodies. *JAMA* 136:376-82, 1948

New procedures in the treatment of fractures: our experience. *Rev. Asoc. Med. Argent.* 61(603-4):211-8, 1947

A new prosthesis for arthroplasty of the hip. *J. Bone Joint Surg Br.* 34B(2):308-10, 1952

Arthroplasty of the hip: model of new metallic prosthesis. *Dia Med.* 25(50):1360-3, 1953

## SOME BIBLIOGRAPHY

With J.R. Valls. Metaphyseal curettage and temporary laxity of the hip in the treatment of arthritis deformans. *Acta Orthop. Scand.* 32:445, 1962

Late treatment of aseptic necrosis of the hip in fractures and dislocations of the neck of the fémur, with special reference to arthrodesis and arthroplasty. *Rev. Ortop. Traum. Lat. Am.* 6(1):1-14, 1961

Paralytic dislocation of the hip. *Bull. Hosp. Jt. Dis.* 21:346-50, 1960

Tumores de celulas gigantes. *Mem. du 7eme Congr. SICOT, Barcelona* (1957)

With D. Muscolo & F. Schajowicz. Reticulum cell sarcoma of bone. *J. Bone Joint Surg.* 34B:588, 1952

Acrylic prosthesis in a case with fracture of the head of the humerus. *Bol. Soc. Orthop. Trauma* 17:61, 1952

With C.E. Ottolenghi & F. Schajowicz. Epiphyseal chondroblastoma of bone. *J. Bone Joint Surg.* 33A:997-1009, 1951

With M. Polak & F. Schajowicz. Fibrous dysplasia of bone. *J. Bone Joint Surg.* 32A:311, 1950

With J.E. Valls. Streptomycin in osteoarticular tuberculosis. *Rev. Asoc. Med. Argent.* 63(663-4):475-7, 1949

With D.T. Muscolo. Dissecting osteochondritis of the hip. *Rev. Asoc. Med. Argent.* 61(597-600):29-33, 1947

Kuntscher intramedullary interlocking in long bone fractures. *Bol. Trab. Acad. Argent. Cir.* 31(29):967, 1947

With J.E. Valls. Treatment of tarsal trauma. *Acta Congr. Soc. Cir. Chile* 8:175-90, 1946

Lesiones traumaticas de los meniscos, ligamentos cruzados y ligamentos laterales de la rodilla (1941)

Rupture of the lateral ligament of the knee joint. *Am.J. Surg.* 43:486-91, 1939

La biopsie ganglionnaire comme moyen de diagnostic dans les arterites chroniques des membres. *Brux. Med.* 13:1151-7, 1932-3 & 14 Suppl:104, 1933-4

La patología de los ligamentos cruzados de la articulación de la rodilla. *Rev. Ortop. Traumat.* 1(1), 1931

Reconstrucción del ligamento lateral interno con seda. *Rev. Arg. Ortop.*

## HONOURS

President, International Congress of Orthopedics and Traumatology, Barcelona (1957)

Honorary Member, American Academy of Orthopedic Surgeons & American Orthopedic Association

# José Verocay

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

José Juan Verocay, Czech / Uruguayan anatomical pathologist (Paysandu 16 June 1876 – Teplitz, Bohemia 25 December 1927)

From Austrian father and Italian mother

Discovered cellular structure of neurofibromatosis and distinguished them from neurofibromas coining the term neurinoma or Verocay bodies or nodules. Today they are called schwannomas

Developed a new procedure for staining connective tissue

Ueber ein neues verfahren zur färbung des Bindegewebes. Verh. Ges. Natura u. Aerste 80 Vers Köln 11(2):52-5, 1908

Detailed the origin and histological benign nature of vestibulocochlear nerve tumors (1910)

## BIBLIOGRAPHY

Aktinomykose der beckenorgan eines 14 jährigenmädchens. Verh. Deutsch. Path. Ges. Jena 9:129-42, 1905

Multiplicitas cordis (heptacardia) bei einem huhn. Verh. Deutsch. Path. Ges. Jena 9:192-8, 1905

Demonstration einer aortenanomalie. Prag. Med. Wschr. 1906

Ueber einige fälle besonderer retroperitonealer tumoren. Sonder-Abdruck Ztschr. f. Heilk 27(4), 1906

Ren impar sinister kombiniert mit anomalien der genitalorgane, der bauchartern und des skelettes. Prag. Med. Wschr. 32, 1907

Beseitigung der "formolniederschläge" aus mikroskopischen schnitten. Centralbl. f. Allg. Path. u. Path. Anat. Jena 19(19):769-74, 1908

Multiple geschwulste als systemerkrankung am nervösen apparate. Festschr. f. H. Chiari. 378-415, 1908

Zur Kenntnis der neurofibrome. Beith. z. Path. Anat. u. z. Allg. Path. 156:1-68, 1910

Ein fall von maligner hypophysenganggeschwulst. Prag. Med. Wschr. 36:656, 1911

Contributo alla casistica della atresia congenita dellaorta in proximita Del duto arterioso Del Botallo. Patologica 101:1-12, 1913

Pseudohermaphroditismus masculinus completus. Verh. Deutsch. Naturforscher u Aertza 13:25-46, 1913

Arterienverkalkung bei un geborener lues. Frankf. Zschr. 1915

Hat unwegsamkeit des ductus deferens atrophie des hodens zur folge? Prag. Med. Wschr. 40(11):1-7, 1915

Eins Junges menschliches. Ei Archiv. F. Gynaeko Berlin. 105:151-68, 1916

# Jose Vicente Scorza

June 29, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

José Vicente Scorza Benítez, Venezuelan parasitologist (Caracas 08 July 1924 – Merida 18 August 2016)

From Italian ancestry

Proposed identification of *Leishmania braziliensis*, *L.mexicana* and *L. garnhami* species by location of kinetoplast

With H. Urdaneta. Experimental basis for the identification of American *Leishmania* spp. by morphometry of amastigotes. Mem. Inst. Oswaldo Cruz (1982)

Developed ulamine, a pentavalent antimonial for leishmaniasis

With Y. Petit de Peña, N.Vicuña Fernandez, S. López Rangel, L. Vasquez, P. Carrero, J.V. Scorza Dagert & C. Rondón. Antimony speciation in human blood samples from patients treated with ulamine: a novel experimental drug for leishmaniasis. Metal. Ions In Biol. Med. 8:560–3, 2004

## DEVELOPED METHODS

With J. Marquez & N. Añez. Coconut water as a monophasic liquid medium for cultivating Trypanosomatidae. Trans. Royal Soc. Trop. Med. Hum. (1987)

With J.C. Sanchez Marquez & M.M. Nin Marquez. La densidad de *Lutzomyia townsendi* (Diptera:Phlebotominae) adultos estimada fototacticamente mediante el marcado con fluorocromos (1984)

A new method for isolating *Schistosoma japonicum* eggs by enzymes (1961)

With A. Alvarez, I. Ramos, C. Dagert, A Díaz Vasquez & J.F. Torrealba. New rapid method for the diagnosis of Chagas disease in its chronic phase (Application of the Sabin-Feldman dye test). Arch. Venez. Med. Trop. Parasitol. Med. 3(1):122–35, 1959

## DESCRIBED

### Protozoa

*Cercaria allotropicalis* 1966

*Hepatozoon legeri* 1956 with Dagert & Iturriza

*Hepatozoon didelphidis*

*Leishmania garnhami* 1979 with Valera, Scorza, Carnevali, Moreno & Lugo Hernandez

*Plasmodium pifanoi* 1956 with Dagert

*Plasmodium torrealbai* 1957 with Dagert

*Sarcocystis cervi* 1957 with Torrealba & Dagert

*Sarcocystis didelphis* 1957 with Torrealba & Dagert

*Toxoplasma serpai* 1956 with Dagert & Iturriza Arocha

*Trypanosoma ocumarensis* 1955 with Dagert

### Diptera (with Ortiz 1963)

Subgenus *Pifanomyia*

*Brumptomyia devenanzii*

*Lutzomyia ottolinai*

*Nemopalpus torrealbai*

### Scorpiones

*Neochactas orinicensis* 1954

*Teuthraustes carmelinae* 1954

*Tityus urbinai* 1954

*Tityus valeriae* 1954

### Others

*Chordodes lichyi* 1954

*Klossiella tejerae* 1957 with Torrealba & Dagert

*Peripatus (Epipерipatus) torrealbai* 1953

# Jose Vizioli

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Vizioli, Brazilian plant pathologist and mycologist (Piracicaba, São Paulo State 29 March 1896 – Piracicaba, São Paulo State 12 September 1957)

Son of Italian immigrants

## DESCRIBED DISEASES

*Myriogenospora aciculispora* in Um novo pirenomiceto parasita da cana (1926)

Um mal biológico do algodoeiro. Rev. Soc. Rural 14:34–6, 1934

## DESCRIBED SPECIES

*Eutrypella linearis*, *Microthia coccolobai* & *Pterosporidium rhizosphorae*

Some Pyrenomycetes of Bermuda. Mycologia 15:107-19, 1923

## METHODS

A new process for multiplying sugarcane seedlings

A importação de mudas de cana e um novo processo para a sua rápida multiplicação. Bol. Agricultura da Secret. Agric. Ind. Comm. S. Paulo (1928)

Proposed a steam engine

O alcool industrial e a defesa da indústria açucareira (1930)

## HONOURS

Bronze Medal, International Congress of Chemical Manure, Rome (1938)

# José Willibaldo Thomé

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

José Willibaldo Becker-Delwing Thomé, Brazilian malacologist (Estrela, Rio Grande do Sul State 09 October 1930 – Porto Alegre 29 May 2016)

From German descent

With R.S. Silva & S.R. Gomes reported the first record of albinism in Gastropoda Veronicellidae (2000)

## DESCRIBED MOLLUSCA TAXA

### Genera

*Colosius* 1975

*Diplosolenodes* 1975

*Forcartulus* 1975

*Microveronicella* 1975

*Montivaginula* 1976

*Potamojanuarius* 1975

*Retidiscus* 1995 with Fonseca

*Simrothula* 1975

*Zilchulus* 1975

### Subgenus

*Glabogyra* 1993 with Fonseca

### Species

*Angustipes missionis* 1981

*Latipes lisei* 1999 with Gomes

*Leidyula goodfriendi* 1993

*Littorina davisii* 1985 with Silva

*Novovaginula rosaneae* 1999 with Gomes

*Phyllocaulis boraceiensis* 1972

*Phyllocaulis renschi* 1965

*Radiodiscus bolachaensis* 1995 with Fonseca

*Radiodiscus cuprinus* 2000 with Fonseca

*Radiodiscus protamensis* 2004 with Miquel & Ramírez

*Radiodiscus sanchicoensis* 2007 with Miquel & Ramírez

*Radiodiscus vazi* 1995 with Fonseca

*Retidiscus reticulatus* 1995 with Fonseca

*Semperula insularis* 1983

*Semperula thailandensis* 1994 with Brites & Oliveira

*Simpulopsis protamensis* 2007 with Silva

*Simpulopsis gomesae* 2007 with Silva

*Simrothula paraensis* 2006 with Gomes, Picanço & Mendes

*Veronicella davisii* 1995 with Santos & Pedott

*Zilchogyra zulmae* 2004 with Miquel & Ramírez

## HONORS

*Thometrema* Amato 1968 (Trematoda)



# José Zaclis

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Zaclis, Romanian-born Brazilian neuroradiologist (Telenesti, Moldavia 15 February 1917 – São Paulo 20 October 1983)

Developed many surgical techniques

Modification on the technique of peripheral neurectomy for treatment of trigeminal neuralgia. Arq. Neuropsiq. 7(1):29-30, 1949

As neurectomias periféricas no tratamento das neuralgias do trigêmeo. Arq. Neuropsiqu. 9:228-75, 1951

Authored the thesis Pan-angiografia cerebral por hipertensão pulmonary (1958) translated into many languages in which described the technique of cerebral pan-angiography by means of injection of contrast medium into a single artery while simultaneously producing transient intrathoracic hypertension

A new method of cerebral angiography. Arch. Neuropsiqu. S. Paulo 17:1-22, 1959

Developed a modified Valsalva manoeuvre (1964)

With R. Zaclis. A new method of surgical treatment for carotid-cavernous fistula (1973)

# Joseph Lennox Pawan

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joseph Lennox Donatien Pawan, Trinidad & Tobago microbiologist (Port of Spain 06 September 1887 – 03 November 1957)

From Chinese descent

Authored classic studies on bat rabies epidemiology

With Hurst established the paralytic type of rabies virus manifestations in bats (1931-2)

Showed definitely the human transmission of rabies by bats (1936) proving the studies of Carini & Horta (1911)

First to isolate the rabies virus from a insectivorous bat (1936)

Developed a vaccine for bat rabies

# Joseph O’Neil

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joseph A. O’Neil, English-born South African missionary and entomologist (London 23 October 1867 – Harare, Zimbabwe 10 May 1952)

Collected new insect species such as Coleoptera, Hymenoptera, Lepidoptera and Arachnida

Described two butterfly species *Acraea rupertii* 1919 & *Acraea swynnertoni* 1919

## SOME BIBLIOGRAPHY

### Entomology

The Carabidae of Salisbury, Mashonaland. S.Afr. J. Nat. Hist. 2(1):52-72, 1920

Notes on some Rhodesian moths of the family Saturniidae and their larvae. Ann. Durban Museum 2:149-68, 1919

The Acraeas of Southern Rhodesia. Proceed. Trans. Rhod. Scient. Assoc. 17(2):25-65, 1919

The Hawkmoths of Mashonaland. Rhod. Agr. J. 15:158-68, 1918-9

The Emperor Moths of Southern Rhodesia. Rhod. Agr. J. 14:47, 1917

### Others

A shona grammar: Zezuru district (1935)

The natives of S-W Matabeleland and some of their religious customs. Proceed. Rhodesia Scient. Assoc. 19:3, 1920

A grammar of the Sindebele district of Zulu (1913)

Habits and customs of the natives of Mangwe District, South Matabeleland, Zambesi. Miss. Record 4:106-13, 187-94, 235-8, 267-74, 1910-1

A phrase book in English and Sindebele, with a full vocabulary and a list of wild animals, birds and reptiles (1909)

## HONORS

*Oneila* Peringuey 1899 (Coleoptera)

*Oneilella* Cameron 1904 (Hymenoptera)

*Oneiliana* Prout 1922 (Lepidoptera)

# Joviano Pacheco

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Joviano Augusto do Amaral Pacheco, Brazilian mine engineer and geologist (Capivari, São Paulo State 31 December 1873 – São Paulo 30 May 1949)

Described *Roxochelys harrisi* 1913 (Fossil Reptilia)

Authored Relatório elucidativo do esforço geológico da região compreendida entre o meridiano 4º, rio Itararé e os paralelos 23º34' e 24º38'. Rev. Inst. Geogr. Geol. 11(4):296-303,

## HONOURS (Fossil)

*Pachecoa* Harris 1919 (Mollusca)

*Pachecoia* Almeida 1950 (Crustacea)

# Juan A. Sanchez

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Juan Antonio Sanchez, Argentine chemist and pharmacist (Buenos Aires 15 June 1875 – Buenos Aires 31 October 1953)

Gained international recognition for his works on functional analysis of medicines

## DEVELOPED METHODS, REACTIONS AND REAGENTS

Trois reactions colorées d'identification de la plasmoquine et de ses sels. Ann. Pharm. Franç 6(11-2):495-501, 1949

Determinación colorimétrica de la coramina. Rev. Univ. Nac. Cordoba 3, 1944

Nueva reacción cromática funcional de la glicerina, de los glicerolfosfatos y sus derivados. Rev. Col. Farm. Nac. 10(3):155, 1943

Nuevo metodo colorimétrico para la valoración de las sulfanilamidas en los líquidos biológicos. Rev. Asoc. Bioq. Arg. 8:5, 1942

Nuevo metodo de valoración de la novocaína: clorhidrato de p-amino-benzoil-dietilaminoetanol. Sem. Medica 49(2):653-5, 1942

Nouvelle demi-micromethode pour le dosage du carbone dans les composés organiques. J. Pharm. Chim. 8(24):297-310, 1936

New chromatic reactions differentiating digitoxin, digitalin, strophantin and ouabain. Semana Medica (2):151, 1936

Etude chimique fonctionnelle de l'ephedrine. Nouveau procédé pour son dosage. J. Pham. Chimie 23:489, 1935

Acerca de una nueva reacción cromática de la quinina, quinidina y cupreína y su aplicación al dosaje de la quinina. Sem. Medica XLI(36):688-91, 1934

Acerca de una nueva reacción y de un nuevo procedimiento para investigar y dosar la novocaína or On a new reaction and a new procedure for the investigation and dosification of novocaine (1932)

New method of determination of cocaine and its salts. Semana Medica (1):987-9, 1931

Estudio químico funcional de nuevas reacciones de la cistina. Sem. Medica 31(2):1930

Iodine as a reagent for differentiating between ammonium salts, amines and amides (1927)

Pyrogenic reactions for malic, tartaric and citric acids (1927)

A micromethod for determination of molecular weights from vapour density (1926)

Colour reaction for cyclic primary amines (1926)

Acerca de un nuevo reactivo de las aldehidas etilica, propilica y alquilica de una reacción de la piperacina. Sem. Medica 33(1):640-2, 1926

A report of some new functional reactions of antipyrine and of a new general reagent with a phenolic function. Farm. Españ. 51:264-5, 1919

Sobre un nuevo reactivo de precipitación de alcaloides y su aplicación al dosaje de la nicotina (1918)

A precipitation test for nicotine and other alkaloids (in Semana Medica 25:571, 1918)

Nuevo metodo para la determinación volumétrica de los carbonatos de sodio y de potasio en las aguas potables y minerales. An. Soc. Cien. Arg. LXXII:176, 1911

Un nuevo principio basico hallado en el marrubio (*Marrubium vulgare*). Sem. Med. 27:1828, 1910

Nuevo metodo de dosaje volumetrico del cobre. An. Soc. Cien. Arg. LXVII:5-13, 1909

Ensayo de halogenimetría. Dos nuevos procedimientos para la separación y el dosaje volumetrico del cloro, bromo y yodo. Doctoral Thesis (1909)

Nuevo procedimiento para el dosaje del níquel en presencia del cobalto. An. Soc. Cien. Arg. LXVI:161-70, 1908

Nouvelle methode volumetrique pour le dosage du cuivre (1908)

Una nueva reacción de la solanina. Rev. Politec. 8:75, 1907

Sobre una reacción de hexametilentetramina. Sem. Medica 11:535-6, 1904

Nuevo metodo colorimetrico para el dosaje del acido p-aminosalicilico y su aplicación a líquidos biológicos

Nuevo procedimiento para valorar tirosina en las proteínas y modificación a los metodos de clivaje de las mismas

Dos nuevos micrometodos para la valoración de la vitamina B

Nuevo metodo para la valoración de la hidracida del acido isonicotinico por?

A new quantitative procedure for separating iron and manganese

New colour reactions of methylxanthine

Colorimetric determination of amorphine derivatives

Colorimetric reactions and determination of nucleic acid of yeast

Halogen-organimetrie. Nouvelle methode pour dosage des halogenes dans substances organiques

# Juan Arnaldo Pisano

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Arnaldo Pisano, Argentine paleontologist (? – 1967)

Described fossil species *Phthoromys hidalguense* 1965 with Pascual & Ortega

## SOME BIBLIOGRAPHY

Um nuevo significativo caso de adición prismatica observada en el premolar cuarto (p4) inferior de um ejemplar del género *Cavia* (Rodentia, Caviidae). *Ameghiniana* 3(6), 1964

Resultados de la aplicación del método estratigráfico em la explotación de um paradero indígena en Cañada Honda (Provincia de Buenos Aires). A propósito de la presencia de cuevas de vizcachas (1959)

With J.F. Bonaparte. Dos nuevos paraderos indigenas neolíticos de la cuenca del Río Luján. *Industria lítica* (1950)

## HONORS (Fossil)

*Pisanosaurus* Casamiquela 1967 (Reptilia)

*Pisanodon* Zetti 1972 (Mammalia)

# Juan Arturo Rivero

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Arturo Rivero Quintero, Puerto Rican herpetologist (Santurce, San Juan State 05 March 1923 – Mayaguez 03 March 2014)

Authored over 100 scientific papers, 21 books & 3 book chapters

Described the genus *Stefania* 1966 and 152 new species in Amphibia

Described one Reptilia species *Anolis occultis* 1965 with Williams

# Juan Augusto Olsacher

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Augusto Olsacher, Argentine geologist and mineralogist (Cordoba 18 March 1903 – Cordoba 16 May 1964)

From Austrian father and German mother

Authored 36 works

Improved Hobson procedure for obtaining block diagrams (1960)

Described mineral species achavalite (1939) and schmiederite (1962)

## HONORS

Olsacherite Hurlbut Jr & Aristarain 1969 (Mineral)



# Juan Carlos Quiroga

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Juan Carlos Quiroga, Argentine paleontologist (1951 – July 1988)

## SOME BIBLIOGRAPHY

Cuantificación de la corteza cerebral en moldes endocraneanos de mamíferos girencefalicos. Procedimiento y aplicación en tres mamíferos extinguidos. Ameghiniana 25(1):67-84, 1988

With M.T. Dozo. The brain of *Thylacosmilus atrox*, extinct South American saber-tooth carnivore marsupial. J. fur Hirnforsch. 29:573-86, 1988

The endocranial cast of the advanced mammal-like *Therioherpeton cagnini* (Therapsida, Cynodontia) from the Middle Triassic of Brazil. J. fur Hirnforsch. 25:285-90, 1984

The brain of the mammal-like reptile *Probainognathus jenseni* (Therapsida, Cynodontia). A correlative paleo-neurological approach to the neocortex at the reptile-mammal transition. J. fur Hirnforsch. 21:299-36, 1980

The brains of two mammal-like reptiles (Cynodontia-Therapsida). J. f. Hirnforschung 20:341-50, 1979

The tectum opticum of *Pantodactylus schreiberii* Wiegmann (Teiidae, Lacertilia, Reptilia). J. fur Hirnforsch. 19:109-31, 1979

The inner ear of two cynodonts (Reptilia, Therapsida) and some comments on the evolution of the inner ear from peligosaur to mammals. Gegenb. Morphol. Jahrb. 125:178-90, 1979

The cell masses in the diencephalon of *Amphisbaena darwini heterozonata* Burmeister Amphisbaenia, Aquamata, Reptilia. Acta Anatomica 104:198-210, 1979

The nucleus of Darkschwitsch in *Pantodactylus schreiberii* Wiegmann (Lacertilia, Reptilia). Z. Mikrosk. Anat. Forsch. 91(3):568-72, 1977

El sistema nervioso central de *Amphisbaena* (Reptilia). I. Histoestructura de la corteza dorsal. Arch. Fund. Roux-Ocefa (1976)

## HONORS (Fossil)

*Quirogatherium* Bonaparte 1990 (Mammalia)

*Quirogalestes* Goin & Candela 1998 (Mammalia)

*Quirogaichnus* Laza 2006 (Coleoptera)

# Juan Carlos Vignaux

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Carlos Vignaux, Argentine mathematician (Santiago del Estero 1893 – Buenos Aires 26 June 1984)

Vignaux's theorem

Sur le produit de series sommable par la methode de Borel. Bull. Sci. Math. (2) 57:211-9, 1933

Vignaux's method of asymptotic Laplace transforms

Sugli integrali di Laplace asintotici. Atti Accad. Naz. Lincei, Rend. Cl. Sci. Fis. Mat. 29:396-402, 1939

Extensión del metodo de sumación de M. Borel a las series de funciones de variable compleja dual e hiperbolica (1936)

Nuevo metodo de sumación de integrales y su aplicación a la integral de Laplace (1933)

Sobre la generalización del metodo de Le Roy (1933)

Sobre una generalización del metodo de sumación de Abel (1933)

Sobre un teorema de las integrales dobles convergentes (1933)

Un teorema sulle integrali dopi di Abel-Laplace. Rendiconti R. Accad. Lincei 6:17, 1933

Un teorema sobre producto de series sumable con el metodo de Riesz (1932)

# Juan Carlos Zanotti Cavazzoni

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Carlos Zanotti Cavazzoni, Paraguayan industrial chemist (died 18 August 2013)

From Italian ancestry

Authored more than 100 scientific works

Developed a new technique for detection of cancer using ultraviolet light

With V.E. Zanotti Cavazzoni, A. Miquel & J. Malveti. Nueva tecnica de detección del câncer en orina observada con luz ultravioleta. Rev. Soc. Med. Mil. Bogotá (1979)

Held over 16 patents on biostimulators

## SOME BIBLIOGRAPHY

With V. Cabrera, A. Miquel & J. Malveti. Enteropatías a colepatogenos tratadas con autovacunas (1998)

Cultivo de leguminosas en distintos tipos de suelos con tierras raras y/o ascorbato de titânio. Rev. DIPRI-UNA (1998)

Las micorrizas de la mandioca. DIPRI-UNA (1997)

With F. Yubero. Cinetica de hidrolisis de nicotinamida con lantanidos en presencia de fosfatos o arseniatos o piroantimoniato o nitratos (1996)

With J.V. Boveda & A. Abrão. Reconhecimento de terras raras individuais por meio de seus complexos fluorescentes com tetraciclina (1993)

With V. Zanotti Cavazzoni, A. Miquel, P. Maisare & J. Malveti. Los autoantígenos en el diagnostico y la terapia del câncer. Autoantígenos y marcadores (1987)

With H. Zaldívar de Espínola, V.E. Zanotti Cavazzoni, J. Malveti & A. Miquel. Terapeutica autoantigenica en alergia infantil (1982)

With V.E. Zanotti Cavazzoni, J. Malveti & A. Miquel. Detection of cancer for antigen-antibody interaction. J. Clin. Chem. Clin. Biochem. 19(8):885, 1981

With C. Sanabria & A. Miquel. Contribución en el tratamiento de procesos alérgicos con autoantígenos. Rev. Soc. Cient. Paraguay (1981)

Paraguayan diagnosis and treatment for cancer. Coevol. Quart. (1978)

Contribución en el tratamiento de los procesos alérgicos con la autovacuna E

Autovacuna microbiana coadyuvada por fosfolípidios

Análisis físico-químico para el diagnostico clínico y preclínico. Rev. Circ. Parag. Medicos

Screening de hongos comestibles que crecen en el Paraguay. Rev. Soc. Cient. Paraguay 1(2):85-9,

Prueba de fluorescência de las sustancias extraídas de la sangre y de otros líquidos orgánicos. Rev. Soc. Parag. Med. Militar 206:9-19,

With J. Malveti, V.M. Zanotti Cavazzoni & B. Cohenca de Siminovich. Bacterias patógenas más frecuentes encontradas en tracto genito urinario y sus sensibilidades antibióticas

# Juan de Palafox y Calva Galvez

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan de Palafox y Calva Galvez, Mexican mathematician and clockmaker (born in Puebla XVIII century)

## INVENTED

Designed and built a new instrument to grind wheat (1732)

A new instrument to make and sharpen metallic files (1739)

Cyclometer (1732)

An odometer (1738)

# Juan Francisco Steegers

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Francisco Cecilio Ignacio Steegers y Perera, Cuban photographer (La Habana 19 February 1856 – Guanabacoa 22 March 1921)

Created Steegers dactylo-photographic system of fingerprint identification (1907) and conceived procedure and instrumental for it

Modified the Henry dactyloscopic formula

# Juan Ignacio Puiggari

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Ignácio Puiggari, Spanish-born Brazilian plant and fungi collector (Barcelona 03 May1823 – São Paulo 07 August 1900)

## SOME BIBLIOGRAPHY

Noticia sobre algunas criptogámas nuevas halladas en Apiahy, provincia de San Pablo en el Brasil. An. Soc. Cient. Arg. 11:201-16, 1881

Noticia de algunas diatomeas y otras algas microscópicas observadas en Barcelona

## HONORS

*Puiggariella* Brotherus 1908 (Musci)

*Puiggariopsis* Menzel 1992 (Musci)

*Puiggaria* Bolívar 1887 (Orthoptera)

# Juan Jose de Oteiza

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan José de Oteiza y Vértiz, Mexican cleric and scientist (Ciudad de Mexico 08 February 1777 – Ciudad de Mexico 09 September 1810)

Assisted famous German Alexander Von Humboldt on statistical and geographical researches in Mexico

Published essays on physical experiments and studies about Teotihuacán pyramids (1803)

He was physics professor in Colegio de Minería (1804-10)

## HONOR

*Oteiza* La Llave 1832 (Asteraceae)

# Juan José Padilla

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan José Padilla, Guatemalan priest and scientist (died 17 July 1749)

Built public clocks with improvements

Developed a cylinder music box

Performed astronomical calculations

Authored over 20 works on sciences, philology, religion and other themes

## SOME BIBLIOGRAPHY

Arte de Perspectiva

Noticia breve de todas las reglas más principales de la Arithmetica Practica

Arte de la musica combinatória com que aún los menos diestros pueden componer facilmente

Arte para saber las naciones y eclipses con solo el uso de la Aritmetica

Arte de Aritmetica Practica (1732)

Ortografia latina y castellana (1733)

Baratillos matemáticos o miscelanea de experimentos físicos, maquinas, etc

Tratado de hacer y componer relojes

La rueda de la fortuna

Cronicon de Guatemala

Resoluciones de cosas difíciles de liturgia y moral

Cartilla eclesiastica perpetua para Guatemala

Almanaque para 85 años desde 1735, arreglado al hemisfério de Guatemala

Arte para hacer pronósticos caldaicos y tablas astronômicas para Guatemala



# Juan Jose Zunino

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan José Zunino, Argentine geologist and engineer (died Buenos Aires 07 February 1991)

## SOME BIBLIOGRAPHY

La astenosfera o zona de baja velocidad sísmica en el manto superior y sus posibles implicancias en geotectónica. An. Acad. Cien. Ex. Fis. Nat. 26:149-71, 1974

Evaluation of oil exploration methods. World Oil (Oil Weekly) 126(6):13-20, 1947

Tectónica de estructuras fuertemente comprimidas. Bol. Inf. Petrol. Bs. Aires 22(245):17-35, 1945

El plano por medio de la fotografía utilizando el estereocomparador. Bol. Inf. Petrol. Bs Aires 12(127):41-54, 1935

## HONORS

*Zuninaspis* Harrington & Leanza 1957 (Trilobita)

# Juan Macon Thome

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Macon Thome, US-born Argentine astronomer (Palmyra, Pennsylvania 22 August 1843 – Cordoba 27 September 1908)

Authored the first four volumes of Cordoba Durchmusterung (CoD), a catalogue of 613,953 stars with international acclaim

Discovered a comet (1887)

## SOME BIBLIOGRAPHY

Resultados del Observatorio Nacional Argentino en Cordoba (1877)

El gran cometa austral. Rev. Observ 2:35,

## HONORS

Lalande Medal, Academie Française des Sciences (1901)

# Juan María Obarrio

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Juan María Felix Obarrio Langdon, Argentine neuropsychiatrist (Buenos Aires 18 May 1878 – Buenos Aires 25 May 1958)

## Contributions

Reflejo paradojal de la pupila a la luz en un caso de sífilis y corea. Sem. Med (1916)

With A. Gareiso. Contribución al estudio de los reflejos en corea de Sydenham. Sem. Med. 32 (1926)

El estupor es un síndrome parkinsoniano. Rev. Arg. Neur. 3:385, 1929

With A. Gareiso & A.J.Petre. Síndrome adiposo genital de Babinski-Froehlich con adiposidad dolorosa y miopatía. Prensa Med. Arg. 19:1224-9, 1932

With E. Dowling & E.A. Pedace. Síndrome de la línea media cerebelar. Sem. Med. 41:2, 1934

Ciática a forma de claudicación intermitente por enteroptosis. Prensa Med. Arg. 35:386, 1948

La enteroptosis causa de neuritis de los nervios de los plexos lumbar y sacro. Prensa Med. Arg. 36:1249, 1949

## Signs

Morquio-Obarrio reflex or sign in chorea (1926)

Obarrio oneiric sciatica

Anterior tibial sign in pyramidal syndrome

## SOME BIBLIOGRAPHY

Diabetes y temblor cerebeloso con síntomas de déficit de la función cerebelar. Prensa Med. Arg. 40(4):187-93, 1953

With A.J. Petre. Coreas tóxicas. Rev. Asoc. Med. Arg. 53:603-64, 1939

With P.O. Sagreras & A.J. Petre. Melancolía delirante de fisionomía crónica. Síndrome de Cotard, curado. La Semana Médica 39:1851-4, 1932

With R. Orlando. La visualización del tercer y cuarto ventrículos con lipiodol. Prensa Med. Arg. 16:1401-10, 1930

With R. Orlando et al. Tumor, Neurosyphilis and Epilepsy: a case. Rev. Arg. Neurol. Psiqu. Med. Leg. 4:238, 1930

With R. Orlando, E. Dowling & M. Kuhn. Tumor intra-medular. Operación. Ependimoma. Prensa Med. Arg. 16:853-9, 1929

Der melancholische stupor und seine Beziehungen zur Parkinsonischen Krankheit. Rev. Arg. Neurol. 1:12-52, 1927

El sueño y los estados depresivos. La Semana Médica 2:1317-23, 1926

Efectos del alcoholismo en la infancia (1926)

Consideraciones sobre el alcoholismo en la infancia. Arch. Latinoam. Pediatr. 19:12278, 1925

Delires oniriques dans l'enfance (terreurs nocturnes, somnambulisme nocturne, etc.). Semana Médica 32:841-53, 1925

Espasmo rotatorio de la cabeza por nistagmus. Semana Med. 2:570, 1917

Localisations médullaires. Thesis (1902)

With L. Trepát. El vitiligo y los estados melancólicos en sus relaciones con las capsulas suprarrenales (a propósito de dos casos). Rev. Asoc. Med. Arg.

With B.J. Guilherme. Meralgia parestica (Neuritis del fémoro-cutáneo)

With C.A. Pedace. El sistema nervioso lusoiano y la anatomía patológica de la corea.

With A. Althabe, R. Orlando & E. Dowling. Meningoblastoma de la región rolandique.

# Juan María Rodríguez

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan María Rodríguez Arangoity, Mexican obstetrician (Ciudad de Mexico 27 January 1828 – Ciudad de Mexico 24 June 1894)

Pioneer in diagnose pregnancy employing combined palpation and auscultation

Developed techniques for obstetrical exploration

Introduced a number of innovations in midwifery

Modified the version by outer manoeuvre

Modified the Kiwish procedure for dilation of cervix uteri (1870)

Enunciated rules for hand extraction of fetus

Enunciated precise rules for oxytocic administration

Pointed out the diferencial pelvis of Mexican people

With José Ignacio Capetillo modified the Ortega procedure of embryotomy

# Juan Papadakis

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan S. Papadakis, Greek / Argentine agronomist, climatologist and statistician (Naxos 28 March 1903 – 1997)

Developed new varieties of wheat

Improved concepts and methodologies in climatology

Developed the concept of monthly climate (1975)

Proposed a new climatic classification (1966)

First proposed the idea of extracting information from neighboring experimental plots as a means of controlling for variation (1920)

A rapid method for determining soil moisture. Soil Science 51(4):279-82, 1941

Authored Geografia Agrícola Mundial (Agricultural Geography of the World), the first work of this kind in the world (1952)

## EPONYMY

Papadakis climate diagram

Papadakis potential evapotranspiration method

Papadakis constant (0,5625)

Papadakis method of adjustment for fertility indices

Papadakis iterated method (1970)

Papadakis covariance method (1937)

Papadakis estimators

Kriged Papadakis residual

Papadakis covariate

Papadakis analysis

# Juan Tirao

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Juan Alfredo Tirao Dumont, Argentine mathematician (Cordoba 03 February 1942 –

Introduced the notion of a pre-sequence of matrix orthogonal polynomials to mean a sequence  $\{F_n\}$  of matrix orthogonal functions (2015)

With B. Cox & V. Futorny showed that the family of Jacobi polynomials are orthogonal (2013)

With P.M. Román obtained an inversion formula for the spherical transform by using the Fourier inversion formula in a locally compact group (2012)

With F.A. Grunbaum introduced  $D(w)$  algebra of differential operators associated to a weight matrix (2011)

Determined the image of the Lepowsky homomorphism for the classic groups of rank one and the image of K-type invariants ring in universal enveloping algebra of all Lie semisimple groups of rank one (2008)

With F.A. Grunbaum & I. Pacharoni obtained explicit formulae in terms of definite integrals of all matrix entries of any power of matrix

With F.A. Grunbaum & I. Pacharoni presented new families of Jacobi type matrix valued orthogonal polynomials (2003-5)

With F.A. Grunbaum & I. Pacharoni defined the notion of a classical pair consisting of a matrix valued weight function and a second order symmetric differential operator (2003)

Introduced the matrix valued hypergeometric function and established its properties in The matrix valued hypergeometric equation. Proceed. Nat. Acad. Sciences 100 (14):8138-41, 2003

With N. Andruskiewitsch introduced the notion of spherical representation of rank one of a complex reductive algebraic group

Proposed spherical functions for homogeneous holomorphic vector bundles

Formulated and proved necessary and sufficient conditions for the existence of a complex structure on a homogeneous vector bundle

Obtained a characterization of the image of the classifying ring of Lie groups of rank one

With N. Andruskiewitsch. A restriction theorem for modules having a spherical submodule. Trans. Amer. Mathem. Soc. 331(2), 1992

A restriction theorem for semisimple Lie groups of rank one. Trans. Amer. Mathem. Soc. (1983) (Tirao restriction theorem)

# Juan Tomas Roig

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Tomás Roig y Mesa, Cuban botanist (Santiago de las Vegas, La Habana 31 May 1877 – La Habana 20 February 1971)

## DESCRIBED VALID PLANTAE TAXA

*Banara brittonii* 1922

*Byrsonima luacesii* 1953 with Acuña

*Byrsonima moensis* 1953 with Acuña

*Castela leonis* 1950 with Acuña

*Castela victorinii* 1950 with Acuña

*Lyonia leonis* 1956 with Acuña

*Lyonia maestrensis* 1956 with Acuña

*Malpighia martiana* 1953 with Acuña

*Malpighia wrightiana* 1953 with Acuña

*Ocotea bucherii* 1949 with Acuña

*Ocotea victorinii* 1949 with Acuña

*Palicourea moralesii* 1962 with Acuña

*Palicourea ponce-leonis* 1962 with Acuña

*Palicourea torrei* 1962 with Acuña

*Palicourea van-hermannii* 1962 with Acuña

*Psychotria alainii* 1962 with Acuña

*Psychotria byrsonimifolia* 1962 with Acuña

*Psychotria lopezii* 1962 with Acuña

*Symphysia alainii* 1956 with Acuña

*Vaccinium alainii* 1956 with Acuña

*Vaccinium leonis* 1956 with Acuña

*Vaccinium shaferi* 1956 with Acuña

## HONORS

*Roigella* Borhidi & Fernandez Zeq. 1982 (Rubiaceae)

*Roigiella* Castañeda Ruiz 1984 (Fungi)

# Juan Tremoleras

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Tremoleras Albistur, Uruguayan entomologist (Montevideo 20 December 1870 – Montevideo 26 February 1934)

## DESCRIBED SPECIES

*Acanthoderes congener* 1910  
*Achryson undulatum* 1910  
*Aerenea quadriplagiata* 1910  
*Amphionycha petronae* 1910  
*Ancylocera cardinalis* 1910  
*Callichroma corvinum* 1910  
*Callichroma sericeum* 1910  
*Compsocerus barbicornis* 1910  
*Dorcacerus barbatus* 1910  
*Ega montevidensis* 1917  
*Emphytoecia versicolor* 1910  
*Erosida gratiosa* 1910  
*Eurymerus eburioides* 1910  
*Hammatochaerus batus* 1910  
*Hylotrupes bajulus* 1910  
*Hypsioma albisparsa* 1910  
*Lachnophorus montoroi* 1931  
*Mallodon spinibarbis* 1910  
*Mysteria cylindripennis* 1910  
*Obadius affinis* 1931  
*Oncoderes guttulata* 1910  
*Orion patagonus* 1910  
*Oxymerus lateriscriptus* 1910  
*Oxymerus obliquatus* 1910  
*Oxymerus rivulosus* 1910  
*Sphaeron spinigerum* 1910  
*Torneutes pallidipennis* 1910  
*Trachyderes morio* 1910  
*Trachyderes striatus* 1910  
*Trachyderes sulcatus* 1910  
*Trachyderes variegatus* 1910  
*Trichophorus albomaculatus* 1910  
*Tropidosoma spencei* 1910



# Juan Vazquez Lombero

August 25, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juan Policarpo Vazquez Lombero, Mexican mechanical engineer, industrial designer and entrepreneur (Progreso de Obregón, Hidalgo State 23 February 1940 – 24 June 2019)

## Contributions

Designed and built over 4,000 machines with technology and design of his own

Developed innovative machines mainly for food industry such as processors, transporters, sorters, bleachers, balers, autoclaves, pasteurizers, washing machines and depletion tunnels (1965-90)

Developed a prototype of an Allis Chalmers tractor displaying clock gears and wheel rim ashtrays (1959) winning a manual arts contest of Ford Company

## Developed

Equipo de secado para papel abrasivo. Thesis (1964)

A hydrotechnical process for pack mango

## Patents

Apparatus for the temporary storage and or conveyance of articles WO2010059024A1 (2009)

With M.A. Vazquez Perez, S.R. López Camacho & J.J. Vazquez Perez. Rampa telescópica móvil para transbordo de personas. MX2014/000178 (2016)

# Juan Vucetich

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Juan Vucetich, Croatian-born Argentine criminologist (Hvar, Croatia 20 July 1858 – Dolores, Buenos Aires 25 January 1925)

His original name was Ivan Vucetic

Developed Galtonian method or icnofalangometria, today known as dactiloscopia (1891)

Invented dactilonome (1899) and other elements to obtaining fingerprints

Performed the first criminal fingerprint identification (1892)

His nephew, Danilo Carlos Vucetich, chemist and pharmacist (1860 – 1966)

Sobre un metodo de investigación de alcohol en química legal. Rev. Fac. Cien. Quim La Plata 10:37, 1935

8-hydroxyquinoline for the determination of magnesium. Rev. Fac. Cien. Quim La Plata 9:81-91, 1934

## HONORS

*Vucetichia* Borrello 1966 (Ichnofossil)

# Juan Yianatos

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Juan Yianatos Bernardino, Chilean chemical engineer (07 August 1950 –

With L. Vinnett, I. Cornejo & C. Acuña. A method to detect abnormal gas dispersion collisions in flotation machines. *Minerals* 12(2):125, 2022

With P. Vallejos, R. Grau & A. Yañez. Evaluation of flotation circuits design using a novel approach. *Minerals Engineer*. 158 (2020)

With P. Vallejos, R. Grau & A. Yañez. New approach for flotation process modelling and simulation. *Minerals Engineer*. 156 (2020)

With L. Panire & L. Vinnett. A new method for flotation rate characterization using top of froth grades and the froth discharge velocity. *Miner. Engineering* 92:242-7, 2016

With I. Panire & L. Vinnett. Flotation characterization using a top of froth grades and froth discharge rates in rougher flotation circuits (2015)

With L. Vinnett, M. Alvarez Silva, A. Jaques & F. Hinojosa. Batch flotation kinetics: fractional calculus approach. *Minerals Engineer*. 77 (2015)

With L. Bergh, C. Pino, L. Vinnett, C. Muñoz & A. Yañez. Industrial evaluation of a new flotation mechanism for large flotation cells. *Miner. Engineer*, (2012)

With L. Bergh, F.A. Contreras & F. Díaz. A novel diagnosis and evaluation procedure for flotation plants (2010)

With F. Contreras, P. Morales, F. Coddou, H. Elgueta & J. Ortiz. A novel scale-up method for mechanical flotation cells. *Miner. Engineer*. 23:877-84, 2010

With M.H. Moys & J. Larenas. Measurement of particle loading on bubbles in the flotation process. *Minerals Engineer*. 23(2):131-6, 2010

With F.H. Henríquez. Short-cut method for flotation rates modelling of industrial flotation banks. *Miner. Engineer*. 19:1336-40, 2006

With L.G. Bergh. RTD Studies in an industrial flotation column: use of radioactive tracer technique. *Ind. J. Min. Process* (1992)

With P. Puelle. Development and calibration of a flotation bubble size sensor. *Avances en Tecnología Mineral* (1994)

With R. Villar, J.A. Finch & A.R. Laplante. Column flotation simulation: a flotation column circuit simulator written in BASIC (IBM-PC)

## PATENTS

With H.A. Robles Opazo, T.A. Ledezma Torres, J.A. Inostroza Inostroza, J.A. Pontt Olivares, W.M. Valderrama Reyes & L.E. Vinnett Peralta. System for in-line estimation of load distribution in a rotary mill WO 2016176788A1 CL2015001220 PE2018-0717 US20180126384

# Juhani Ojasti

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Juhani Ojasti, Finnish-born Venezuelan ecologist (Viipuri, today Vyborg, Leningrad Oblast 12 April 1934 –

Recognized as expert in the management and exploitation of wild fauna mainly capybara (*Hydrochoerus hydrochaeris*) and Orinoco turtle (*Podocnemis expansa*)

Authored about 80 papers and book chapters, 21 technical reports and 7 books

Performed biological, ecological and systematical studies on Venezuelan mammals

With H. Heatwole & A. Maldonado. A trapping method for capturing lizards. *Herpetologica* 20:212-3, 1964

## DESCRIBED MAMMALIA TAXA

### Species

*Dasyprocta guamara* 1972

*Lonchorhina orinocensis* 1971 with Linares

### Subspecies

*Pteronotus parnellii paraguayensis* 1974 with Linares

*Dasyprocta punctata zuliae* 1972

# Julio Cezar Ribeiro de Souza

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Julio Cezar Ribeiro de Souza, Brazilian aeronautical engineer (Vila de São José do Acará, Pará State 13 June 1843 – Belém 14 June 1887)

Discovered important principles in aeronautics

Patented the fusiform or asymmetrical form of balloons for aerial navigation (1880) and a perfected system of balloons (patented in Brazil, French, Great Britain, United States, Germany, Russia, Portugal, Belgium, Austria, Italy and others countries) in 1881

Invented the dirigible (1881), before Charles Renard and Arthur Krebs (1884)

Exposed his theories to experts in France becoming Associate member of Societé Française de Navigation Aerienne (1881)

Built Santa Maria de Belém, the greatest of world's balloon until then (1883)

## SOME BIBLIOGRAPHY

A navegação aérea (1880)

Memória sobre Navegação Aérea (1881)

Memória descritiva para um Sistema de navegação aérea por meio de balões pairadores (1881)

Les ballons planeurs (1882)

Navegação aérea: estado desta importante questão (1882)

A direção dos balões/La direction des ballons (1884)

Fiat Lux (1887)

# Julio Magalhães Schwenck

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Julio Magalhães Schwenck (or Schwenk), Brazilian physician and parasitologist (fl.1926-1935)

## DESCRIBED NEMATODA GENERA (1927)

*Blatticola*

*Leidynema*

*Oniscicola*

*Severianoia*

## HONORS (Nematoda)

*Schwenckiana* Kloss 1966

*Schwenkiella* Basir 1956

# Julio María Sosa

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Julio María Sosa Soumastre, Uruguayan histologist and neurologist (Mercedes 01 July 1906 – 1976)

Internationally respected as an authority on Golgi apparatus

## SOME BIBLIOGRAPHY

El aparato de Golgi en la corteza cerebelosa en la avitaminosis experimental y en algunos estados fisiológicos. An. Inst. Neurol. 1:327-42, 1929

L'appareil de Golgi dans la corne d'Ammon. Compt. Rend. Soc. Biol. 844-7, 1931

Las variaciones fisiológicas del aparato de Golgi en las células de Purkinje del cerebelo (1931)

With J. A. Menegazzi. L'appareil de Golgi des neurones de *Helix aspersa*. Arch. Soc. Biol. Montevideo 9:157-64, 1939

With W. Andrew. Heterotopic neurons of the sensory type in the intramedullary portion of the motor roots. J. Comp. Neurol. 86:167-82, 1947

On the morphological, chemical and physico-chemical significance of the Golgi apparatus. Rev. Sud-amer. Morphol. 6:3-21, 1948

Metagolgiomas (1948)

Vitamin C microscope demonstration and Golgi apparatus. Exp. Cell Res. 3:184-91, 1952

Factors determining the specificity of fixation for demonstrating Golgi apparatus with Cajal silver method and variations. Anal. Rec. 115:441, 1953

With N.B. de Zorrilla. Morphological variations of the Golgi apparatus in spinal ganglion nerve cells related to aging. Acta Anat. 64:475, 1966

With N.B. de Zorrilla. Spinal ganglion cytological responses to axon and to dendrite sectioning. Acta Anat. 65(1):236-55, 1966

With E. Palacios & H.M. Sosa. Heterotopic cerebellar granule cells inside the plexiform layer. Acta Anat. 80:91-8, 1971

With H.M. Sosa. The multiplication of nerve cells by amitotic division during extrauterine life in mammals. Acta Anat. 82(4):579-05, 1972

Modificaciones de la red neurofibrilar en correlación con la acumulación pigmentaria en las neuronas

The Golgi apparatus of striated muscle fibre

Heteromorphodromie neuronale

Contribución al estudio de las variaciones patológicas del aparato de Golgi de la neuroglia

Aging of the Golgi apparatus in nerve cells

Une nouvelle réaction de l'appareil de Golgi

# Julio Ortiz Perez

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Julio Ortiz Perez, Cuban obstetrician (Matanzas 27 May 1898 – ?)

Developed Ortiz Perez subcutaneous symphysiotomy (1925) and buttoned scalpel for cartilage (Ortiz Perez scalpel)

## SOME BIBLIOGRAPHY

Nota sobre la inducción o facilitación del parto. Rev. Med. Cubana 70:340-50, 1959

Symphysiotomy versus difficult fórceps. Am. J. Obst. Gynec. 66(4):781-3, 1953

With J. Blanco Herrera & O. Valdes Cruz. El problema de la dolor en el parto normal. Vida Nueva 66 (1):1-16, 1950

Doce años de sinfisiotomía subcutánea. Arch. Med. Interna 1:254-73, 1935

With J. Ramírez Olivella. Tratamiento de la distocia pelviana en Cuba



# Julio Oscar Trelles

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Julio Oscar Trelles Montes, Peruvian neuro-psychiatrist, diplomat and politician (Andahuaylas, Apurímac Department 23 August 1904 – Lima 02 October 1990)

He was prime-minister of Peru (1963)

Proposed the term peripheral lymphomatosis

With J. Lhermitte. La neurolymphomatose peripherique chez l'homme. Rev. Neurol. 2:85, 1933

Eponym of Lhermitte-Trelles syndrome

## SOME BIBLIOGRAPHY

With G. Levy. L'hallucinoze pedonculaire (etude anatomique d'un cas). Rev. Neur. 1:382-8, 1932

With A. Roquier. Hemiplégie de type dit hysterique ou pithiatique, manifestation initiale d'un gliome du corps calleux. Rev. Neurol. 1:448-59, 1932

With J. Lhermitte. La degeneration hypertrophique des cellules de l'olive bulbaire chez le vieillard. Rev. Neurol. 1:618-23, 1932

With G. Levy. Un cas de nystagmus du voile avec myoclonie cervicales synchrones. Rev. Neur. 1:492, 1933

L'ipertrophie des cellules, des olives bulbaires dans la soi-disant pseudo-hypertrophie de l'olive bulbaire. Rev. Neur. 1:495-8, 1933

With P. Mollaret. Sur les alterations cerebelleuses et ganglionnaires de la maladie de Friedreich. Rev. Neurol. 2:795-801, 1933

Sur l'apraxie pure constructive. Les troubles de la pensée spatiale et de la somatognosie dans l'apraxie. Encéphale 28:413-4, 1933

With J. Lhermitte. L'artériosclerose du tronc basilaire et ses consequences anatomo-cliniques. Jb. Psychiat. Neurol. 51:91-107, 1934

With J. Lhermitte. Neurolymphomatose peripherique humaine. Press. Med. 42:289-92, 1934

With A. Cain. La poliomyélite zosterienne. Rev. Neurol. 4(1):380-5, 1934

With J. de Massary. L'obésité hypophysaire et l'obésité hypothalamique. Ann. Med. Psychol. 92:423, 1934

With J. Lhermitte & G. Levy. Un nouveau cas de myoclonies velo-palatines et laryngees avec etude histologique. Rev. Neurol. 63:238-47, 1935

Le signe de Babinski dans l'insuffisance cardiaque. Etude anatomique. Rev. Neurol. 8(7):1207-14,

With F. Polack & Guerra. Encéphalopathie saturnine. Rev. Neur. Psiq. Perou 19(3):293-321, 1956

With P. Masquin & J. Lhermitte. Precis d'anatomo-physiologie normale et pathologique du systeme nerveux central.

# Julio Palacio

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Emilio Julio Palacio Paldao, Argentine clinician (Buenos Aires 11 February 1894 – 06 September 1977)

Authored over 160 works

Proposed the atelectatic origin of Black stumps

## DESCRIBED

Radiological sign of juxta-opaque clarity or Atelectatic sign of lungs (Castex-Palacio-Mazzei sign)

Recurrent esophageal syndrome of Palacio-Mazzei

Pseudocavitary syndrome by tracheal diversion (Palacio syndrome)

Castex-Palacio-Mazzei thoracic brachial syndrome

Inhaling homolateral deviation

# Julio Rey Pastor

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Julio Rey Pastor, Spanish / Argentine mathematician (Logroño 14 August 1888 – Buenos Aires 21 February 1962)

Son in law of surgeon Avelino Gutierrez

## ACHIEVEMENTS

Authored Elementos de analisis algebraico (1917), in which introduced his own discoveries and innovations

Enunciated theorem of Rey Pastor and Rey Pastor algorithm in Rendiconti di Palermo, 1931

Developed new summation methods

Un metodo de sumacion de series. Rend. Circ. Mat. Palermo 55, 1931

Demonstrated Jordan theorem for closed polyhedral varieties in topology of n-dimensional space

Introduced synthetic reasoning in complex geometry

First demonstrated homeomorphism as a geometric correspondence

Defined index of a doman in regard to a point and the index of a point

Une generalization elementaire de la convergence. Bol. Sem. Matem. 3(13), 1933

Studied Rey Pastor  $D_0$  spaces

Espacios  $D_0$ . Rev. Univ. Tucumán Serie A1: 105-24, 1940

Eponym of Rey Pastor associated points

Created a new science named preology (1950s)

## HONOURS

Rey Pastor lunar crater (not accepted)

Invited Lecturer, International Congress of Mathematicians (1920 & 1928)

# Julio Sotelo Morales

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Julio Everardo Sotelo Morales, Mexican neurologist (Ciudad de Mexico 20 October 1950 –

Authored over 400 papers and 80 book chapters with about 12,900 (Research Gate) and 9,200 (Scopus) citations

## CONTRIBUTIONS

With A. Martínez Palomo, G. Ordoñez & B. Pineda. Varicella-zoster virus in cerebrospinal fluid at relapses of multiple sclerosis. *Ann. Neurol.* 63(3):303-11, 2008

With T. Corona, R. Lugo & R. Medina. Single-day praziquantel therapy for neurocysticercosis. *N. Engl. J. Med.* 334:125, 1996

With M.A. Rubalcava & S. Gómez Llata. A new shunt for hydrocephalus that relies on CSF production rather on ventricular pressure: initial clinical experiences. *Surg. Neurol.* 43(4):324-32, 1995

With V. Vazquez. The course of seizures after treatment for cerebral cysticercosis. *N. Engl. J. Med.* 327:696-70, 1992

With P. Penagos, F. Escobedo & O.H. Del Bruto. Short course of albendazole therapy for neurocysticercosis. *Arch. Neurol.* 45(10):1130-3, 1988

With R. Rangel, B. Torres & O. del Bruto. Cysticercotic encephalitis a severe form in young females. *Amer. J. Trop. Med. Hyg.* 36(2):387-92, 1987

With F. Escobedo, J. Rodríguez Carbajal, B. Torres & F. Rubio-Donnadieu. Therapy of parenchymal brain cysticercosis with praziquantel. *N. Engl. J. Med.* 310:1001-7, 1984

With A. Salazar & H. Martínez. Differential diagnosis between ventriculitis and fourth ventricle cyst in neurocysticercosis. *J. Neurosurg.* 59(4):660-3, 1983

## METHODS

With E. García, L.E. Ramírez & V. Monteon. Diagnosis of American trypanosomiasis (Chagas'disease) by the new complement fixation test. *J. Clin. Microbiol.* 33(4), 1995

With R. Pérez. Girdled arteriotomy: a method to increase the arterial lumen. *Vasc. Endovasc. Surg.* 27(6), 1993

With E. García. A new complement fixation test for the diagnosis of neurocysticercosis in cerebrospinal fluid. *J. Neurol.* 238:379-82, 1991

Neurocysticercosis, a new classification. *Arch. Intern. Medicine* 145:442-9, 1985

With S. Bahmanyar, D.C. Gajdusek & C.J. Gibbs Jr. Longitudinal spinal cord sections as substratum for anti-neurofilament antibody detection. *J. Neurol. Sci.* 53(1):85-90, 1982

With C.J. Gibbs, D.C. Gajdusek, B.H. Toh & M. Wurth. Method for preparing cultures of central neurons. *Proceed. Natl. Acad. Sciences USA* 77(1):653-7, 1980

## Papers in top journals

Which MRI sequences are best suited to the evaluation of patients with neurocysticercosis. *Nature Clin. Pract. Neurol.* 4:72-3, 2008

With H. Santoyo. Total recovery of visual function after treatment for cerebral cysticercosis. *N. Engl. J. Med.* 324:1137-9, 1991

With E. García. Storage of cerebrospinal fluid on paper. *Lancet* 334(8670):1046, 1989

With N. Rosas & G. Palencia. Freezing of infested pork muscle kills cysticerci. *JAMA* 256(7):893-4, 1986

With R.G. Enriquez, R. Najera & F. Zermeno. Allergic encephalomyelitis associated with holistic medicine (implantation of porcine hypophysis). *Lancet* 324(8404):702, 1984

With C.J. Gibbs & D.C. Gajdusek. Autoantibodies against axonal neurofilaments in patients with kuru and Creutzfeld-Jakob. *Science* 210:190-3, 1980

## MEXICAN PATENTS

System of ventriculoperitoneal shunt of continuous flow for treatment of hydrocephalus n°9202810 (1992)

Peritoneal ventricle shunt device for hydrocephalus treatment n°18439 (1997)

## HONORS

*Soteloniella* Brailovsky 1999 (Hemiptera)

# Julio Urbina

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Julio Alberto Urbina Romero, Venezuelan parasitologist and biochemist (c. 1947 –

Authored over 150 papers

Found a number of new drugs with potent in vitro and in vivo effects on *Trypanosoma cruzi* and other parasites such as novel azasterols, quinucidine based inhibitors, new triazole derivatives and new-metal clotrimazole complexes

Established that amiodarone has effect on trypanosomiasis

Developed the utilization of ergosterol synthesis inhibitors against *Trypanosoma cruzi*

With N.M. Rodríguez, B.N. Bailey, M.B. Martin, E. Oldfield & R. Docampo. Radical cure of experimental cutaneous leishmaniasis by the bisphosphonate pamidronate. J. Infect. Dis. 186(1):138–40, 2002

Obtained the first reports of parasitological cure of Chagas disease in its chronic phase (2000)

Obtained the first demonstration of radical parasitological cure in an animal model of chronic Chagas disease

With G. Payares, J. T. Molina, C. Sanoja, A. Liendo, K. Lazardí, M.M. Piras, R. Piras, N. Perez, P. Winckler & J.F. Ryley. Cure of short and long-term experimental Chagas disease using D0870. Science 273 (5277):969–71, 1996

First detailed study of the sterol composition and metabolism in intracellular *Trypanosoma cruzi* amastigotes

With A. Liendo, G. Visbal, M.M. Piras & R. Piras. Sterol composition and biosynthesis in *Trypanosoma cruzi* amastigotes. Mol. Biochem. Parasitol. 104 (1):81–91, 1999

Developed a new nuclear magnetic resonance spectroscopic method to investigate order and dynamics in phospholipids

With B. Moreno, W. Arnold, C. Taron, P. Orlean & E. Oldfield. A carbon-13 nuclear magnetic resonance spectroscopic study of inter-proton pair order parameters: a new approach to study order and dynamics in phospholipid membrane systems. Biophys. J. 75(3):1372–83, 1998

## HONOURS

Howard Hughes Medical Institute International Scientific Research Scholar (2000–5)

# Julio Vicente Uriburu

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Julio Vicente Juan Uriburu Medici, Argentine surgeon and breast expert (Buenos Aires 17 November 1911 – Buenos Aires 09 February 2008)

## BREAST

Developed a classification for mammarian dysplasias

Described the focusing juvenile proliferative dysplasia

With A.M. Mosto & M.A. Gómez. Displasia proliferative juvenile focalizada. Prensa Med. Arg. 62:172-6, 1975

Enunciated criteria for surgery of breast cancer

Operability indications and selection of technic in breast cancer. Prensa Med. Argent. 57(29):1430-4, 1970

Authored La Mama: Estructura, Patología, Diagnóstico y Tratamiento translated into English language as The Breast (1977)

## SURGERY

With D. E. Zavaleta. Procedure for the treatment of eventrations. Prensa Med. Argent. 38(35):2187-91, 1951

With D. Zavaleta developed a procedure to repair hernias using free full-thickness grafts (1950)

With R. Finochietto. Técnica de la descapsulación renal por anuria. Prensa Med. Argent. 35(38):1804-9, 1948

With R. Finocchietto & N.V. Turco. Técnica de la vaguectomía torácica o supradiafragmática. Día Médico 20:700-2, 1948

With R. Garriz. Técnica operatoria para hernia umbilical utilizando injerto de piel. Prensa Med. Argent. 35:717, 1948

Small mixed parotid tumour. Technic of extirpation (1946)

His father, Julio Vicente Uriburu Demaria, dermatologist (Buenos Aires 09 July 1881 – Buenos Aires 02 August 1950)

Described and isolated *Microsporum fulvum*, a fungus of pathogenic relevance (1909)

# Junfeng Zhang

August 25, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Junfeng Zhang, Chinese paleoentomologist (November 1945 – 02 October 2022)

## DESCRIBED FOSSIL ARTHROPODA GENERA

### Hymenoptera

*Alloserphus* 2001 with H.C. Zhang

*Beipiaoserphus* 2000 with H.C. Zhang

*Calobaissodes* 1992

*Ceratoxyela* 2000 with H.C. Zhang

*Emprionopsis* 1994 with Sun & Zhang

*Epicharopimpla* 1994 with Sun & Zhang

*Eubaissodes* 1992

*Eurymyrmex* 1994 with Sun & Zhang

*Harmorhynchium* 1994 with Sun & Zhang

*Heteroxyela* 2000 with H.C. Zhang

*Isoxyela* 2000 with H.C. Zhang

*Laiyanghelorus* 1992

*Lepitocampus* 1994 with Sun & Zhang

*Lethoxyela* 2000 with H.C. Zhang

*Liaoropronia* & *Liaoserphus* 2001 with H.C. Zhang

*Liaoxyela* 2000 with H.C. Zhang

*Ocnoserphus* 2001 with H.C. Zhang

*Otlia* 1992

*Phthonocampus* 1994 with Sun & X.Y. Zhang

*Procretevania* 2000 with Hai Chun Zhang

*Saucrotrupes* & *Scalprogaster* 2001 with Hai-chun Zhang

*Sincphialtites* 1986

*Sinocimbex* 1994 with Sun & Zhang

*Sinoxyela* 2000 with H.C. Zhang

*Spherogaster* 2001 with H.C. Zhang

*Steleoserphus* 2001 with H.C. Zhang

*Trematothoracoides* 2001 with H.C. Zhang & Wei

*Tuphephialtites* 2002 with Zhang & Rasnitsyn

### Coleoptera

*Derorthaea* 1994 with Sun & Zhang

*Disosebaethe* 1994 with Sun & Zhang

*Echinocallispa* 1994 with Sun & Zhang

*Eneuops* 1994 with Sun & Zhang

*Glischra* 1994 with Sun & Zhang

*Hornia* 1994 with Sun & Zhang

*Illolampra* 1994 with Sun & Zhang

*Laostaphylinus* 1988

*Mesostaphylinus* 1988

*Miopyrestis* 1994 with Sun & Zhang

*Paraphilus* 1994 with Sun & Zhang

*Penitus* 1994 with Sun & X.Y. Zhang

*Perimesosa* 1994 with Sun & X.Y. Zhang

*Petulantis* 1994 with Sun & X.Y. Zhang

*Podozoodes* 1994 with Sun & X.Y. Zhang

*Rhopalochlaenius* 1994 with Sun & X.Y. Zhang

#### **Diptera**

*Lithopetia* 1987 (Fossil Diptera)

*Luanpingites* 1986 (idem)

*Mesopetia* 1987 (fossil Diptera)

*Palaeopetia* 1987 (Fossil Diptera)

*Lithopetia*, *Mesopetia*, *Palaeopetia* & *Pseudopetia* 1987

*Scelorhagio* 1993 with S. Zhang & Li

*Sinoryctochlus* 1991

#### **Others**

*Dracontaeschnidium* 2001 with H.C. Zhang (Odonata)

*Dryadia* 1994 with Sun & Zhang (Arachnida)

*Evagoratus* 1994 with Sun & Zhang (Arachnida)

*Hadanechura* 1994 with Sun Zhang (Dermaptera)

*Ichnomnematus* 1994 with Sun & Zhang (Hemiptera)

*Ignotingis* 2005 with Golub, Popov & Shcherbakov (Hemiptera)

*Jurassimedeola* 2002 (Dermaptera)

*Mioclanis* 1994 with Sun & Zhang (Lepidoptera)

*Miothomisis* 1994 with Sun & Zhang (Arachnida)

*Nymphacrida* 1994 with Sun & Zhang (Orthoptera)

*Oedemastopoda* 1994 with Sun & Zhang (Orthoptera)

*Oxyproctus* 1994 with Sun & Zhang (Hemiptera)

*Parvulus* 1994 with Sun & X.Y. Zhang (Arachnida)

*Precinara* 1994 with Sun & X.Y. Zhang (Hemiptera)

*Ptomatosaiwa* 1994 with Sun & X.Y. Zhang (Hemiptera)

*Sinopalaeodermata* 2002 (Dermaptera)

*Stylaeschnidium* 2001 with H.C. Zhang (Odonata)

*Testudinaria* 1994 with Sun & Zhang (Arachnida)

*Trisegmentatus* 1994 with Sun & Zhang (Hemiptera)

#### **HONORS (Fossil)**

*Zhangsunia* Krell 2000 (Coleoptera)

*Zhangsolva* Nagatomi & Ding Yang 1998 & *Zhangobia* Evenhuis 1994 (Diptera)

*Zhangidris* Bolton 2003 (Hymenoptera)



# K.N. Prasad

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kedar N. Prasad, Indian geologist and paleontologist (07 January 1924 – ?)

Authored Ecology of the fossil Hominoidea from the Siwaliks of India. Nature 232 (5310): 413-4, 1971

## DESCRIBED FOSSIL TAXA

### Genus

*Piramys* 1974 (Reptilia)

### Species

*Astarte venkatappayai* 1957 (Mollusca)

*Brachyodus manchharensis* 1954 (Mammalia)

*Coelodus jacobii* 1959 with Menon (Pisces)

*Dicoryphochoerus fategadensis* 1964 (Mammalia)

*Lissemys piramensis* 1974 (Reptilia)

*Penaeus kapurdii* 1966 (Crustacea)

*Pholidophorus indicus* 1977 with Yadagiri (Pisces)

*Pholidophorus kingi* 1977 with Yadagiri (Pisces)

*Piramys auffenbergi* 1974 (Reptilia)

*Ruticeros compressa* 1974 (Mammalia)

*Sivaladapis magrii* 1970 (Mammalia)

*Sivapithecus aiyengari* 1962 (Mammalia)

*Taeniopteris kashmirensis* 1951 with Das Hazra (Plantae)

*Ursus footei* 1986 with Yadagiri (Mammalia)

# K.S.S. Nambooripad

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Komanamana Sankaranarayanan Subramonian Nambooripad, Indian mathematician (Puttumanor, Ernakulam District, Kerala State 06 April 1935 – Thiruvananthapuram, Kerala State 04 January 2020)

Characterised axiomatically the structure of the set of idempotents in a regular semigroup (1979)

Developed an alternative approach to describe the structure of regular semigroups

Developed the concept and terminology of a biordered set (1970s)

## EPONYMY

Nambooripad structure theorem for regular semigroups

Hartwig-Nambooripad partial order (1980)

Ehresmann-Schein-Nambooripad theorem

# K.V. Natarajan

April 9, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

K.V. Natarajan, Indian mycologist (Kovilur, Thanjavur District, Tamil Nadu 21 April 1942 – Madras 21 April 2007)

## DESCRIBED FUNGI TAXA

### Valid Genera

*Syamithabeeja* 1976 with Subramanian

*Tretophragmia* 1973 with Subramanian

### Species

At least 55

## HONORS

*Natarajania* Pratibha & Bhat 2006 (Fungi)

# Kalpathi Ramakrishna Ramanathan

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kalpathi Ramakrishna Ramanathan, Indian meteorologist (Kalpathi Village, Palghat, Kerala State 28 February 1893 – 31 December 1984)

## ACHIEVEMENTS

Performed important discoveries on the vertical thermal structure of atmosphere (1933)

Devised ways of correcting observations for atmospheric scattering by aerosols (1940s)

Worked out the first diagram portraying the zonal vertical thermal structure of the Earth's atmosphere

Showed that the tropopause is low over the polar regions and high above the equatorial zone

First to publish diagram showing the distribution of upper air temperatures over the world up to 25 km in summer and winter

Discovered quasi biennial oscillations of total ozone in the tropics

Discovered the dependence of ozone distribution on meteorological phenomena such as jet streams and their location, tropopause discontinuities and inter-latitudinal air exchange

Discovered on whole ozone relationship with the circulation of the atmosphere

Established the nocturnal and seasonal variations of the green and red lines of oxygen, and the effect of the solar flares on the green emissions

Estimated the role of secondary and higher order scattering on twilight

Studied the effect of electron-ion collision in the F-region of the ionosphere on the absorption of cosmic radio noise and the effect X-rays from discrete galactic sources to the lower ionosphere

Discovered the existence of atmospheric general systems in the ionospheric regions also

## OFFICES/HONORS

President, International Association of Meteorology (1951-4)

President, International Union of Geodesy and Geophysics (1954-7)

President, International Ozone Commission (1960-7)

IMO Prize, World Meteorological Organization (1959)

# Kalyanapuram Rangachari Parthasarathy

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kalyanapuram Rangachari Parthasarathy, Indian mathematician (Madras 25 June 1936 –

With R.L. Hudson respected as a pioneer on quantum stochastic calculus

With R.L. Hudson discovered a quantum Ito's formula and a non-commutative stochastic calculus (1984)

With Schmidt & Hudson developed a theory of continuous tensor products of Hilbert spaces

Unraveled deep connections that exist between stochastic processes, free quantum fields, group representations and operator algebra

Eponym of Hudson-Parthasarathy equations and Kostant-Parthasarathy-Ranga Rao-Varadarajan determinants (1967)

Invited Lecturer, International Congress of Mathematicians, Zurich (1994)

# Kanakanahalli Ramachandra

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kanakanahalli Ramachandra, Indian mathematician (Mandya, Mysore State 18 August 1933 – Bangalore 17 January 2001)

Authored over 200 papers

Considered one of the world's greatest number theorists in his time

Proved the six exponentials theorem independently of S. Lang

First to study the fractional moments of the Riemann zeta function

Enunciated many theorems

## EPONYMY

Siegel-Ramachandra-Robert elliptic units

Balasubramanian-Ramachandra theorem

Ramachandra kernel

# Kap Yong Paik

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Kap Yong Paik, South Korean arachnologist (23 December 1914 – 1996)

## DESCRIBED ARACHNIDA TAXA

### Genera

*Alloclubionoides* 1992

*Coreodrassus* 1984

*Shiragaia* 1992

### Species

*Agelena choi* 1965

*Agelena jirisanensis* 1965

*Agyneta palgongsanensis* 1991

*Allagelena koreana* 1965

*Alloclubionoides bifidus* 1976

*Alloclubionoides coreanus* 1992

*Alloclubionoides dimidianus* 1974

*Alloclubionoides euimi* 1976

*Alloclubionoides kimi* 1974

*Alloclubionoides lunatus* 1976

*Alloclubionoides ovatus* 1976

*Alloclubionoides quadrativulvus* 1974

*Alloclubionoides terdecimus* 1978

*Allomengea coreana* 1969 with Namkung

*Anguliphantes nasus* 1965

*Apollophanes macropalpus* 1979

*Arctosa chungjaonensis* 1994

*Arctosa hallasanensis* 1994

*Arctosa keumjeungsana* 1994

*Arctosa kwangreungensis* 1986 with Tanaka

*Arctosa pargongensis* 1994

*Arctosa pungcheunensis* 1994

*Arcuphantes ehippianus* 1985

*Arcuphantes keumsanensis* 1984 with Seo

*Arcuphantes pennatus* 1983

*Arcuphantes pulchellus* 1978

*Arcuphantes scitulus* 1974

*Belisana amabilis* 1978

*Blabomma uenoi* 1969 with Yaginuma

*Callobius koreanus* 1966

*Cheiracanthus taegense* 1990

*Cheiracanthus uncinatus* 1985

*Cicurina kimyoungkii* 1970

*Cicurina phaselus* 1970

*Cladothela tortiembola* 1992

*Clubiona coreana* 1990

*Clubiona haeinsensis* 1990

*Clubiona hwanghakensis* 1990

*Clubiona kasanensis* 1990

*Clubiona kimyoungkii* 1990

*Clubiona odesanensis* 1990  
*Clubiona rostrata* 1985  
*Clubiona sopaikensis* 1990  
*Clubiona venusta* 1985  
*Coreolithus coreanus* 1991  
*Coscinida koreana* 1995  
*Coscinida ulleungensis* 1995  
*Crispiphantes biseulsanensis* 1985  
*Crispiphantes rhomboideus* 1985  
*Cybaeus longus* 1966  
*Cybaeus mosanensis* 1967 with Namkung  
*Cybaeus triangulus* 1966  
*Diphya albula* 1983  
*Dipoena keumunensis* 1996  
*Dolichocybaeus whanseunensis* 1967 with Namkung  
*Draconarius coreanus* 1969 with Yaginuma  
*Draconarius kayasanensis* 1972  
*Drassodes tahedongensis* 1995  
*Drassyllus biglobosus* 1986  
*Drassyllus coreanus* 1986  
*Eldonnea kayaensis* 1965  
*Entelacara dabudongensis* 1983  
*Ero koreana* 1967  
*Euryopsis octomaculata* 1995  
*Gongylidioides insulanus* 1980  
*Haplodrassus montanensis* 1984 with Sohn  
*Haplodrassus pargongsanensis* 1992  
*Haplodrassus taepaikensis* 1992  
*Herpyllus coreanus* 1992  
*Iwogumoa songminjae* 1969 with Yaginuma  
*Jacksonella sexoculata* 1969 with Yaginuma  
*Kishidaia coreana* 1992  
*Labialithus labialis* 1991  
*Lathys dihamata* 1979  
*Lepthyphantes cavernicola* 1969 with Yaginuma  
*Lepthyphantes latus* 1965  
*Leptoneta coreana* 1969 with Namkung  
*Leptoneta hogyegulensis* 1969 with Namkung  
*Leptoneta hongdoensis* 1980  
*Leptoneta namhensis* 1982 with Seo  
*Leptoneta paikmyeonggulensis* 1984 with Seo  
*Leptoneta simboggulensis* 1971  
*Leptoneta soryongensis* 1969 with Namkung  
*Leptoneta taeguensis* 1985  
*Leptoneta yongdamgulensis* 1969 with Namkung  
*Lycosa coreana* 1994  
*Neoantisea quelpartensis* 1958  
*Neriere jinjooensis* 1991  
*Neriere kimyoungkii* 1965  
*Nesticella flavidus* 1978  
*Nesticella quelpartensis* 1969 with Namkung  
*Nesticus coreanus* 1969 with Namkung



*Nippononeta cheunghensis* 1978  
*Nippononeta coreana* 1991  
*Otacilia fausta* 1991  
*Oxyopes koreanus* 1969  
*Ozyptila gasanensis* 1985  
*Ozyptila nongae* 1974  
*Paikiniana bella* 1978  
*Pardosa hanrasanensis* 1984 with Jo  
*Pardosa herbosa* 1984 with Jo  
*Philodromus pseudoexilis* 1979  
*Pholcus acutulus* 1978  
*Pholcus crassus* 1978  
*Pholcus extumidus* 1978  
*Pholcus montanus* 1978  
*Pholcus socheunensis* 1978  
*Pholcus sokkrisanensis* 1978  
*Pirata coreanus* 1991  
*Pisaura ancora* 1969  
*Poecilochroa joreungensis* 1992  
*Poecilochroa taeguensis* 1992  
*Rhysodromus leucomarginatus* 1979  
*Savignia pseudofrontata* 1978  
*Shiragaia taeguensis* 1992  
*Sinopoda koreana* 1968  
*Steatoda ulleungensis* 1995  
*Strandella pargongensis* 1965  
*Tegecoelotes secundus* 1971  
*Thanatus coreanus* 1979  
*Theridion palgongense* 1996  
*Theridion taegense* 1996  
*Thymoites ulleungensis* 1991  
*Tmarus koreanus* 1973  
*Tmarus rimosus* 1973  
*Trochosa unmunsanensis* 1994  
*Walckenaeria coreana* 1983  
*Zelotes keumjeungsanensis* 1986  
*Zelotes kimi* 1992  
*Zelotes kimwha* 1986

## HONORS

*Paikiniana* Eskov 1992 (Arachnida)

# Karam Singh

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Karam (Lamba) Singh, Indian agricultural entomologist (fl.1928-50)

## DESCRIBED HEMIPTERA TAXA

### Valid Genus

*Aleuroclava* 1931

### Species

*Acaudaleyrodes rachipora* 1931

*Aleurocanthus rugosa* 1931

*Aleuroclava burmanicus* 1938

*Aleuroclava complex* 1931

*Aleuroclava hexacantha* 1940

*Aleuroclava indicus* 1931

*Aleuroclava murrayae* 1931

*Aleuroclava nitidus* 1932

*Aleuroclava parvus* 1938

*Aleuroclava psidii* 1931

*Aleurolobus bidentatus* 1940

*Aleuromarginatus indicus* 1940

*Aleuromigda deghai* 1931

*Aleuroplatus pectenserratus* 1945

*Aleuroplatus sinepecten* 1945

*Aleuroplatus spina* 1931

*Aleurotrachelus tuberculata* 1933

*Aleurotulus arundinacea* 1931

*Aleurotulus maculata* 1931

*Asialeyrodes dorsidemarcata* 1932

*Bemisia achyranthes* 1931

*Bemisia gossypiperda* 1929 with Misra

*Bemisia grossa* 1931

*Crenidorsum caerulescens* 1931

*Crenidorsum multipapillus* 1932

*Dialeurodus cephalidistinctus* 1932

*Dialeurodus glomerata* 1931

*Dialeurodus hexpuncta* 1932

*Dialeurodus minuta* 1933

*Dialeurodus oweni* 1932

*Dialeurodus papulae* 1932

*Dialeurodus rangooni* 1932

*Dialeurodus rotunda* 1931

*Dialeurolonga maculata* 1931

*Dialeuronomada ixorae* 1931

*Kanakarajiella vulgaris* 1931

*Lipaleyrodes breyniae* 1933

*Minutaleyrodes minuta* 1933

*Pealius kalawi* 1933

*Pealius misrae* 1931

*Pealius spina* 1931

*Russellaleyrodes cumiugum* 1932

*Setaleyrodes takahashia* 1933

*Singhiella bicolor* 1931

*Singhiella pallida* 1931

*Singhiella simplex* 1931

*Taiwanaleyrodes indicus* 1931

*Taiwanaleyrodes nitidus* 1932

*Trialeurodes meggittii* 1933

*Trialeurodes rara* 1931

*Viennotaleyrodes megapapillae* 1932

*Zaphanera publicus* 1938

## **HONORS (Hemiptera)**

*Singhiella* Sampson 1943

*Singhius* Takahashi 1932

Subgenus *Singhardina* Mahmood 1967

# Karl Ludwig Von Bezing

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Karl Ludwig Von Bezing, Austrian-born South African amateur mineralogist (Klagenfurt 1945 –

Discovered the mineral species such as poldervaartite, guidottiite and nchwaningite described by other researchers

With Giester, Lengauer, Pristacz, Rieck & Topa codescribed the mineral cairncrossite (2016)

## SOME BIBLIOGRAPHY

With D.A. Banks, J. Gutzmer, V. Luders & N.J. Beukes. The composition of seawater in the Paleoproterozoic. Trans. Inst. Min. Metall. 112:153–4, 2003

With J. Gutzmer, D.A. Banks, V. Luders, J. Hoefs & N.J. Beukes. Ancient sub-seafloor alteration of basaltic andesites of the Ongeluk Formation, South Africa: implications for the chemistry of Paleoproterozoic seawater. Chem. Geol. 201:37–53, 2003

With J. Gutzmer. Amethyst/Eisenkiesel-Quarze vom Orange Fluss in Namibia. Lapis 25:39–41, 2000

The Angelierspan pegmatites. S. Afr. Lapid. Mag. 28:11–3, 1996

Phosphate minerals of the Straussheim n°1 pegmatite. Micro News & Views 21(4), 1995

Jacobsite from the Kalahari manganese field. Micro News & Views 20(1):4, 1994

With J. Gutzmer. Das Kalahari manganerzfeld und seine mineralien. II. Mineralienwelt 5:41–59, 1994

With J. Gutzmer. Das Kalahari manganerzfeld und seine mineralien. I. Mineralienwelt 4:24–43, 1994

The new minerals of the Kalahari manganese field. S. Afr. Lapid. Mag. 26:5–6, 1994

With J. Kotze. The Jan Coetzee copper mine, Namaqualand, South Africa. Min. Rec. 24:39–40, 1993

Bertrandite and phenakite from two localities. Micro News and Views 19(4):5–6, 1991

With R.D. Dixon, D. Pohl & G. Cavallo. The Kalahari manganese field: an update. Min. Rec. 22:279–97, 1991

With R.R. Inskeep. Modelled terra-cotta heads from Lydenburg, South Africa. Man 1(1):102–4, 1966

## HONORS

Vonbezingite Dai & Harlow 1992 (Mineral)

# Karl Wilhelm Ludwig Pappe

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Karl Wilhelm Ludwig Pappe, German-born South African botanist (Hamburg 1803 – 14 October 1862)

## DESCRIBED PLANTAE TAXA

### Valid Genus

*Orothamnus* 1848 (Proteaceae)

### Species (alone)

*Aspalathus involucrata* 1862

*Gladiolus ludwigii* 1877

*Gladiolus spathaceus* 1892

*Hyppoxis crassifolia* 1878

*Hyppoxis triandra* 1878

*Muraltia ericifolia* 1860

*Muraltia rupestris* 1860

*Orothamnus zeyheri* 1848

*Strychnos decussata* 1862

*Tritonia aurea* 1847

### Species (with Rawson; most of them from 1858)

*Allosorus capensis*

*Allosorus consobrinus*

*Allosorus cordifolius*

*Asplenium dentatum*

*Asplenium discolor*

*Asplenium gracile*

*Asplenium lobatum*

*Asplenium rutamaria*

*Asplenium zeyheri*

*Athyrium laxum*

*Blechnum atherstonii*

*Blechnum cycadoides*

*Blechnum dalgasirnsiae*

*Cheilanthes glandulosa*

*Cheilanthes refracta*

*Goniopteris silvatica*

*Gymnogramma namaquensis*

*Lastrea catoptera*

*Lomaria decipiens*

*Lotononia strigosa* 1862

*Nephrodium ecklonianum*

*Nephrodium plantatium*

*Phymatodes elongata*

*Pterospsis angustifolia* 1857

## HONORS

*Pappea* Ecklon & Zeyher 1834 (Sapindaceae)

# Kartar Singh Thind

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kartar Singh Thind, Indian mycologist (Tehsil, Sultanpur Lodhi, Kapurthala, Punjab 30 October 1917 – Chandigarh 03 December 1991)

Authored over 190 research papers and two monographs

## DESCRIBED FUNGI TAXA

### Genera

*Cavimalum* 1977 with Doi & Dargan

*Duosporium* 1961 with Rawla

*Lutypha* 1977 with Khurana & Berthier

*Maasoglossum* 1984 with Sharma

*Unguiculariella* 1990 with Sharma

### Species

About 120

## HONORS (Fungi)

*Thindia* Korf & Waraitch 1971

*Thindiomyces* Arendholz & Sharma 1983

# Kaset Pitakpaivan

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kaset Pitakpaivan, Thai geologist and paleontologist (fl.1955-99)

## DESCRIBED TRILOBITA TAXA

### Genus

*Ozawainella* 1966

### Species

*Parafusulina methikuli* 1965

*Parafusulina parva* 1965

*Skinnerella loeyensis* 1965

## SOME BIBLIOGRAPHY

With J.B. Waterhouse & N. Mantajit. Early Permian brachiopods from Ko Yao Noi and near Krabi, Southern Thailand. Mem. Geol. Survey Thailand 4 Part 2:43-213, 1981

With R. Ingavat & R. Toriyama. Fusuline zonation and faunal characteristics of the Ratburi Limestone in Thailand and its equivalents in Malaysia. Geol. Paleont. Southeast Asia 21:43-62, 1980

With R. Ingavat. *Lepidolina multiseptata* (Deprat) transient *multiseptata* Deprat in Thailand. Geol. Paleont. South. Asia 21:37-41, 1980

With S. Bunopas, P. Vella & I. Sukroo. Preliminary paleomagnetic results from Thailand sedimentary rocks. Proc. Third Regional Conf. Geol. Miner. Resources of South. Asia (1978)

With M. Tanura, W. Hashimoto, H. Igo et al. The Triassic system of Malaysia, Thailand and some adjacent areas. Geol. Paleont. South Asia 15:103-49, 1975

With R. Ingavat & P. Pariwatvorn. Fossils of Thailand. Mem. Geol. Survey Dept. Mineral Resources Thailand. 3(1), 1969

Tin-bearing granite and tin-barren granite in Thailand (1969)

With R. Srilenawat. Post-Pliocene changes of sea level in the gulf of Thailand. J. Geosciences (1967)

Fusulines of the Ratburi limestone of Thailand. Mem. Geol. Survey 2, 1966

The fusulinacean fossils of Thailand. I. Mem. Fac. Sci. Kyushu Univ. ser. D. 17:1-69, 1965

With V.E. Barnes. Origin of Indochinite tektites. Proc. Nat. Acad. Sci. 48:947-55, 1962

With V.E. Barnes. Origin of Muong Nong-type tektites. J. Amer. Geophys. Union (1962)

Occurrence of Triassic formation at Mae Moh. Rep. Invest. Roy. Dept. Mines Research Bangkok 1:4757, 1955

## HONORS

*Pitakpaivania* Waterhouse 2004 (Fossil Brachiopoda)

# Kazim Yahsiman

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kazim Yahsiman, Turkish geologist and paleontologist (fl.1951-72)

## DESCRIBED FOSSIL SPORAE & POLLEN

### Genera

*Anatolisporites* 1959

*Crassiletipollenites* 1961

### Species

*Anatolisporites amasriensis* 1959

*Anatolisporites subamasriensis* 1959

*Baculatisporites megabaculus* 1972

*Bentzisporites cingulatus* 1959

*Bentzisporites imberbis* 1960

*Bentzisporites tenuiletes* 1959

*Biharisporites blattus* 1961

*Biharisporites perfectus* 1961

*Calamocystes rarus* 1964

*Calamospora bifurcata* 1972

*Calamospora dilaverensis* 1972

*Calamospora diversa* 1972

*Calamospora juniora* 1972

*Colisporites ibrahimi* 1972

*Crassiletipollenites heteroornatus* 1961

*Cystosporites carinatus* 1960

*Cystosporites intestinus* 1972

*Cystosporites reticulogranulatus* 1960

*Cystosporites reticuloornatus* 1960

*Cystosporites semitranslucens* 1959

*Cystosporites striatus* 1959

*Granulatisporites michiganensis* 1972

*Granulatisporites zonguldakensis* 1972

*Ibrahimipollenites kryptoreticuliformis* 1960

*Ibrahimipollenites macroreticulatus* 1961

*Foveolatipollenites ergonuli* 1961

*Foveolatipollenites dijksrai* 1959

*Laevigatisporites inconformitus* 1959

*Laevigatisporites junior* 1959

*Laevigatisporites levis* 1959

*Laevigatisporites sensilis* 1960

*Laevigatisporites tricallosus* 1959

*Lagenicula kandiliensis* 1972

*Lagenicula pilata* 1972

*Lagenicula rarispicula* 1972

*Lagenoisporites globuliformis* 1964

*Schopfipollenites ibrahimi* 1960

*Schopfipollenites manifestus* 1960

*Schopfipollenites pamiri* 1960

*Sporites spiculatus* 1959

*Triangulatisporites globuliferus* 1961



*Trileites calculus* 1964

*Trilesporites bellus* 1960

*Triletes crassus* 1964

*Triletisporites retipilatus* 1961

*Triletisporites subtuberculatus* 1960

*Tuberculatisporites crestiformis* 1959

*Tuberculatisporites egemeni* 1961

*Tuberculatisporites kozliensis* 1959

*Tuberculatisporites mediopapillarius* 1959

*Tuberculatisporites microspinuliferus* 1959

*Tuberculatisporites simplexipiculus* 1959

*Tuberculatisporites spinosaetosus* 1959

*Tuberculatisporites suberegliensis* 1960

*Tuberculatisporites tuberospinosus* 1959

*Valvisporites subverrucosus* 1961

*Zonalessporites crassiletes* 1959

*Zonalessporites hazruensis* 1959

*Zonalessporites stellatus* 1964

*Zonalosporites labiatus* 1961

*Zonalosporites orbicus* 1960

*Zonalosporites typicus* 1960

## **HONORS**

*Yahsimanisporites Agrali* 1969 (Fossil Sporae & Pollen)

# Kechang Xie

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kechang Xie, Chinese chemical engineer (Taiyuan, Shanxi Province 05 October 1946 –

Authored at least 420 papers and 5 books

Made great contribution to the understanding of relations between coal structure and reactivity

Developed a de-sulfurization agents and their applications in coal gasification

## **PATENTS (at least 25)**

With Y. Tian, Y.Y. Qiao, J.H. Zhang & B. Tian a patent for oil shale or oil sand downstream circulating bed millisecond pyrolysis refining device (2017)

With J.P. Zhang, Y.Q. Zhao, Y.F. Zhang, Y. Liang, L.X. Zhao, J. Zhou, Z.M. Liu & W.G. Du. CN103468273A (2013)

With L.P. Chang, Z.Y. Zhang, X.R. Ren, X.F. Lu & F. Li. CN101280227A (2008)

With W. Huang, Z.H. Gao & L. Yin. A slurry catalyst and the preparation thereof. WO2008071059 (2007)

With B. Guo, L.P. Chang, M.Q. Miao & Z.L. Zhang. CN101177631A (2007)

With D. Liang, F. Yu, J.J. Chen, J.H. Ma, R.F. Li, X.W. Zhang & Y. Wang. Spherical heteroatom mesopore molecular sieve and preparation method thereof. CN101157454A (2007)  
CN100496722C (2007)

With W. Huang & X.H. Wang. Process for synthesizing acetic acid in heterogeneous catalysis system 00126596 (2000)

# Kenan Tükel

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kenan Tükel, Turkish neuropsychiatrist (1915-1993)

Described Gökay-Tükel syndrome more commonly known as Westphal-Leyden ataxia

With F. K. Gökay. Kardeste Ailevi Kortiko-striyato-serebellar sendrom vakalari. Turk Tip. Cemiyeti Mecmuası Yıl 13:7, 1947

Co-authored one of the most cited articles in epilepsy in the world

With H. Jasper The electro-encephalogram in parasagittal lesions. Electroencephal. Clin. Neurophys.J. 4(4):481-94, 1952

# Kentaro Takaoka

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Kentaro Takaoka, Brazilian anesthesiologist and bioengineer (São Paulo 20 August 1919 – São Paulo 29 July 2010)

From Japanese descent

## DEVELOPED/INVENTED

Takaoka respirator or micro-resuscitator (1952) patented in 1963 (number 66881) that was employed in many systems of pulmonary ventilation

Aspiration flasks for collecting blood

A device for tracheal intubation with mirror (with Alberto Caputo)

Others medical and anesthetic gears

Vaporizador universal de Takaoka. Rev. Bras. Anesthesiol. 15(1):18-24, 1965 (Takaoka universal vaporizer)

Novo filtro com circulação para anestesia pediátrica. Rev. Bras. Anesthesiol. 16(1):127-9, 1966

With R.P. Russo. Novo dispositivo misturador de ar-O<sub>2</sub>. Rev. Bras. Anesthesiol. 18(1):110-4, 1968

## PATENTS

(about 60 medical devices among pulverizers and humidifiers)

### Brazilian

Válvula proporcional e equipamento hospitalar e/ou veterinário. PI0401489-8 (2004)

Válvula unidirecional, módulo de válvulas e câmara de borbulhamento e equipamento hospitalar e/ou veterinário. PI0401488-0 (2004)

Sistema de interface e módulo descartável de interface. PI0000972-5 (2001)

Módulo de vaporização PI0106500-9 (2001)

Disposição construtiva aplicada a sensor de fluxo respiratório de baixa resistência. MU7701014-0 (1997)

Controlador automático eletrônico de concentração de oxigênio. PI9601466 (1996)

Disposição construtiva aplicada a ventilador neonatal pediátrico. MU7502755-0 (1995)

Disposição construtiva aplicada a aparelho de anestesia. MU7500604-9 (1995)

Disposição construtiva aplicada a vaporizador universal. MU7401769-1 (1995)

Disposição construtiva aplicada a dispositivo para ajuste de fluxo laminar. MU7400432-8 (1994)

Disposição construtiva aplicada a dreno. MU7301937-2 (1993)

Configuração aplicada a vaporizador universal. MU7201826-7 (1992)

Configuração aplicada a coluna retrátil telescópica. MU7201552-7 (1992)

Painel de embutir para tomadas de saída de gases medicinais e/ou elétricas. MU71028951 (1991)

Aparelho automático de segurança para controlar um entre dois fluxos de fluidos diferentes de duas tubulações independentes. PI8405130-2 (1990)

Disposição introduzida em fluxômetro. MU6601542-1 (1986)

### Foreign

Atomizing equipments for anesthetic liquid compounds. US3940064 (1975)

Rebreathing apparatus for anesthesia. US3612048A (1971)

Aerosol nebulizers. US3580249A (1968)

Gas regulator valve for artificial respiration. US2996071 (1957)

## HONORS

World International Property Organization (WIPO) Gold Medal 2005

# Keshava Prabhakar Rode

May 2, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Keshava Prabhakar Rode, Indian geologist and palaeobotanist (Chhindwara, Madhya Pradesh 03 November 1903 – 1985)

## DESCRIBED FOSSIL TAXA

### Plantae

#### Genus

*Tricoccites* 1933

#### Species

*Cyclanthodendron sahnii*

*Nipadites hindi* 1933

*Palmoxyton hislopilii* 1933

*Palmoxyton kawalami* 1933

*Palmoxyton sahnii*

*Parajugloxylon mohgaense* 1936

*Rhizopalmoxyton penchiensis* 1934

*Tricoccites trigonum* 1933

#### Others

*Hyalithes rohitaswei* 1946

## SOME BIBLIOGRAPHY

Geo-kinetic Evolution of Greater India (1954)

With M.W. Chaudhuri. Crystal dissociation in the formation of minerals and rocks (1954)

The Gondwana Formations of India and the nature of Gondwanaland (1953)

A new theory of sheet movements and continental expansion (1953)

Khondalite-charnockitic association in Palamau District, Bihar. Pr. Ind. Sci. Congr. Ass. 35(3):143, 1948

On the origin the origin of mica in pegmatites. Quart. J. Geol. Min. Met. Soc. India 19:1-6, 1947

On charnockite rocks of Palamau district, Bihar. Pr. Ind. Sci. Congr. Ass. 34(3):1947

On the submarine volcanic origin of rock-salt deposits. Proc. Ind. Acad. Sciences Sect B 20(4):130-42, 1944

On the stratigraphic and tectonic correlations of the Sirmoor Rock formations, Simla Himalayas. Proc. Ind. Acad. Sciences Sect B 17(6):157-76, 1943

On the nature of the Blaini Boulder Bed. Proc. Ind. Acad. Sciences Sect B 17(1):1-12, 1943

The geology of Morcote Peninsula and the petrochemistry of Lugano (1942)

With B. Sahnii. Fossil plants from the Deccan intertrappean beds at Mohgaon Kalan, C.P. with a note on the geological position of the plant-bearing beds. Proc. Nat. Acad. Sci. India 7(3):165-74, 1938

With G.W. Chlponkar. A contribution to the study of Bagh beds (1937)

With B. Sahnii. Fossil plants from the intertrappean beds of Mohgaon Kalan, in the Deccan, with a sketch of the Geology of Chhindwara district (1937)

A note on fossil angiosperms fruits from the Deccan intertrappean beds of Central Provinces. Curr. Sci. 2:171-2, 1933

## HONORS (Fossil Plantae)

*Rodeites* Sahnii 1943

*Rodeocarbon* Kapgate, Patil & Ilamkar 2005

# Keshavan Raghavan Nair

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Keshavan Raghavan Nair, Indian statistician (Paravur, Kerala State 13 May 1910 – Bangalore 20 November 1993)

Introduced the concept of partially balanced incomplete block designs

Established the Laguerre-Samuelson inequality in J. Ind. Soc. Agr. Stat. (1948)

On a method of getting confounded arrangements in the general symmetrical type of experiment. Sankhya 4:121-38, 1938

On a simple method of curve fitting. Sankhya 6:121, 1942

Eponym of Nair-Thomson inequality (1948)

# Khushnood Ahmed Siddiqi

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Khushnood Ahmed Siddiqi, Pakistani plant geneticist (Indore 15 June 1937 – Tando Jam 18 March 2009)

Authored over 200 publications

## DEVELOPED WHEAT VARIETIES

Jauhar-78m (1979)

Sindh-81

Sarsabz (1986)

Soghat-90

Kiran-95

## LINKS

[http://www.pakbs.org/pjbot/PDFs/41\(3\)/PJB41\(3\)0985.pdf](http://www.pakbs.org/pjbot/PDFs/41(3)/PJB41(3)0985.pdf) See <http://www.pakbs.org/pjbot/PDFs/41%283%29/PJB41%283%290985.pdf>.

# Kingfu Wang

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Kingfu Wang, Chinese ichthyologist

## DESCRIBED PISCES SPECIES

*Abbotina obtusirostris* 1931 with Wu

*Acrossocheilus wenchowensis* 1935

*Carcharhinus latistomus* 1932

*Chirolaphis wui* 1935 with S.C. Wang

*Gobiobotia abbreviata* 1931

*Gymnogobius nigrimembranis* 1931 with Wu

*Hemiculturella wui* 1935

*Liparis chefuensis* 1933 with Wu

*Microphysogobio tafangensis* 1935

*Pholis fangi* 1935 with S.C. Wang

*Pomacentrus pingi* 1941

*Saurida microlepis* 1931 with Wu



# Kollagunta Gopalaiyer Ramanathan

May 2, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Kollagunta Gopalaiyer Ramanathan, Indian mathematician (Hyderabad 13 November 1920 – Bombay 10 May 1992)

Gained international recognition for his researches on analytic theory of quadratic forms, modular functions and discontinuous groups

Obtained a formula for the discriminant of a division algebra

Solved the problem of constructing infinitely many classes of mutually incommensurable discrete groups of the first kind in classical semisimple groups

Proved that complete space-like submanifolds with parallel mean curvature vector in a De Sitter space are totally umbilical independent of K. Akutagawa & Q.M. Cheng

## LINKS

<http://matwbn.icm.edu.pl/ksiazki/aa/aa64/aa6411.pdf>

# Krishna Kant Tiwari

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Krishna Kant Tiwari, Indian carcinologist (01 October 1922 –

## DESCRIBED NEW TAXA

### Crustacea

#### Genera

*Nichollsia* 1950 with Chopra

*Sewellestheria* 1966

#### Species

*Alpheopsis vietnamensis* 1964

*Alpheus serenei* 1963

*Branchinella biswasi* 1958

*Caenestheria misrai* 1959

*Caenestheria roonwali* 1959

*Caridina chauhani* 1949 with Chopra

*Caridina natarajani* 1969 with Pillai

*Caridina prashadi* 1971 with Pillai

*Cloridopsis bengalensis* 1952 with Biswas

*Eocyclus pellucidus* 1962

*Idusa malayi* 1953

*Leptestheria biswasi* 1965

*Leptestheria jaisimerensis* 1959

*Macrobrachium andamanicum* 1952

*Macrobrachium assamense* 1958

*Macrobrachium banjarae* 1958

*Macrobrachium cacharensis* 1952

*Macrobrachium canarae* 1955

*Macrobrachium hendersonianum* 1952

*Macrobrachium hirsutimanus* 1952

*Macrobrachium kempfi* 1949

*Macrobrachium kistnense* 1952

*Macrobrachium manipurensis* 1952

*Macrobrachium peguensis* 1952

*Macrobrachium platyrostris* 1952

*Macrobrachium rogersi* 1952

*Macrobrachium siwalikense* 1952

*Macrobrachium villosimanus* 1949

*Nichollsia kashiensis* 1950 with Chopra

*Nichollsia menonii* 1955

*Sewellestheria sambharensis* 1966

*Squilla costata* 1952 with Biswas

### Fossil

#### Genus

*Kapurdia* 1969 (Pisces)

#### Species

*Kapurdia bhargava* 1969 (Pisces)

*Nuculana prashadi* 1966 (Mollusca)

*Penaeus barmerensis* 1963 (Crustacea)

*Penaeus glaessneri* 1963 (Crustacea)

**Reptilia**

**Valid Species (with Biswas 1973)**

*Broncochela danieli*

*Dendrelaphis humayuni*

**HONORS (Crustacea)**

*Tiwaripotamon* Bott 1970

*Neotiwariopotamon* Dai & Naiyanetr 1994

*Krishnamon* Pati, Yeo & Ng 2020

# Krishna Rajaram Surange

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Krishna Rajaram Surange, Indian palaeobotanist (Ujjain 07 February 1920 – 06 January 2010)

## DESCRIBED FOSSIL PLANTAE GENERA

*Barakaroxylon* 1971 with Maithy

*Cyclanthodendron* 1944 with Sahni

*Denkania* 1973 with Chandra

*Glossotheca* 1970 with Maheshwari

*Indocarpus* 1974 with Chandra

*Indoxylon* 1963 with Maithy

*Jambadostrobus* 1977 with Chandra

*Kendosporites* 1974 with Chandra

*Kendostrobus* 1974 with Chandra

*Partha* 1973 with Chandra

*Plumsteadioostrobus* 1977 with Chandra

*Stellotheca* 1962 with Prakash

*Stereocarpus* 1958

*Venustostrobus* 1977 with Chandra

## HONORS (Fossil)

*Surangea* Chitaley & Sheikh 1972 (Plantae)

*Rusangea* Lacey, Van Dijk & Gordon-Gray 1975 (Plantae)

*Surangephyllum* Chandra & Singh 1986 (Plantae)

*Surangeaspora* Chandra, Kar & Lacey 1977 (Sporae)

*Surangeaesporites* Bharadwaj & Tiwari 1970 (Sporae)

*Surangepushpam* Lanjewar, Puranik & Sakundarwar 2015 (Plantae)

# Krishnakumar Narayandas Shah

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Krishnakumar Narayandas Shah, Indian pediatrician (29 October 1934 –

Described Shah-Waardenburg Syndrome

With S.J. Dalal, M.P. Desai, P.N. Sheth et al. White forelock, pigmentary disorder of irides and long sediment Hirschsprung disease: possible variant of Waardenburg syndrome. J. Pediatrics 99:432-5, 1981

## SOME BIBLIOGRAPHY

The diagnostic and clinical significance of cafe au lait macules. Pediatr. Clin. N. Am. 57:1131-53, 2010

With A.C. Yan. Acquired zinc deficiency acrodermatitis associated with nephrotic syndrome. Pediatr. Dermatol. 25:56-9, 2008

With P.I. Honig & A.C. Yan. "Urticaria multiforme": a case series and review of acute annular urticarial hypersensitivity syndromes in children. Pediatrics 119:117-783, 2007

With R.G. Fried. Factitial dermatoses in children. Curr. Opin. Pediatr. 18:403-9, 2006

With M.P. Colaco, M.P. Desai, C.S. Choksi & R.U. Mehta. Hypothalamic hamartomas and precocious puberty. Ind. J. Pediatrics 60:445-50, 1993

With Y.M. Jawadekar, N.A. Kshirsagar, M.V. Joshi & S.M. Pohujani. A study of phenobarbital and dilantin in neonatal seizures. Ind. J. Pediatrics 59(6):729-34, 1992

With S. Rajadhyaksha, V.S. Shah et al. EEC recognition of holoprosencephaly and Aicardi syndrome. Ind. J. Pediatrics 59:103, 1992

With A. Dalal. Medication compliance in children. Ind. J. Pediatrics 56(5):645-52, 1989

With M.P. Desai & N.C. Joshi. Chronic idiopathic hyperphosphatasia in an Indian child. Am. J. Dis. Children 26:626-8, 1973

With N.C. Joshi, M.P. Desai & S.T. Babar. Galactosaemia report of two cases. Pediat. Clin. Ind. 6:205-9, 1971

With M.P. Desai. Ascaris lumbricoides from the right ear. Indian Pediatr. 6:92-3, 1969

With S.S. Chopra, S.D. Kulkarni & A.U. Hedge. Cyclical vomiting syndrome with bilateral epileptiform discharges

# Krishnalyer Ramakrishnan

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Krishnalyer Ramakrishnan, Indian mycologist and plant pathologist (Calicut, Kerala State 22 November 1920 – 1978)

## DESCRIBED VALID FUNGI GENERA

*Alpakesa* 1954 with Subramanian

*Sapucchaka* 1956

## HONORS (Fungi)

*Ramakrishnaniana* Ramachar & Bhagyanarayna 1979

*Ramakrishnanella* Kamat & Ullasa 1970

# Krishnaswami Venkataraman

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Krishnaswami Venkataraman, Indian organic chemist (Chennai 07 June 1901 – New Delhi 12 May 1981)

Authored 271 papers

Authored a classical treatise on chemistry of dyes and dye intermediates named The Chemistry of Synthetic Dyes in five volumes (1-2 in 1952 and 3-5 in 1971-8) translated into 14 foreign languages

Discovered Baker-Venkataraman transformation or rearrangement

A synthesis of flavones at room temperature. Curr. Sci. (1933)

Isolated flavonoids from plant sources and elucidated their structures

Demonstrated the presence of nitrogen in some lac pigments

Isolated and characterized a number of natural pigments belonging to anthraquinonoid group (e.g. laccaic acids A and B)

Isolated artocarpone from *Artocarpus heterophyllus*

Developed methods for selective demethylation of methoxy flavonoids under mild Lewis acid conditions, for introduction of hydroxyl groups in oxygen heterocycles involving nitration or azocoupling, replacement of nuclear OH by through tosylation followed by Raney nickel hydrogenolysis and many more such procedures

Developed several new synthetic procedures, chromatographic separation techniques and simple and practical methods for the characterization and estimation of dyes

Developed a method for the facile hydrolysis of the anilides of o-hydroxy carboxylic acids

Demonstrated the deshielding effect of azogroup of azodyes in their nuclear magnetic resonance spectra

Developed new textile auxiliary agents for industrial use

Developed column chromatographic technique under hot conditions (100-150° C) for study of dyes

Developed some simple methods for the analysis and estimation of dyes and related compounds (e.g. introduced Congo Rubine Number to determine the protective colloidal action of surface active compounds and discovered that naphthols could be estimated by precipitating them by acidifying their alkaline solution in water or aqueous alcohol and weighing their precipitate)

## LINKS

<http://www.ncl-india.org/aboutncl/Dec2004p45-51.pdf>

# Kshitindramohan Naha

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kshitindramohan Naha, Indian geologist (Comilla, Bengal 02 January 1932 – Kolkata, West Bengal 24 May 1996)

Estimated kinematic significance of deformation lamellae in quartz (1959)

Worked out methods of elucidating the large scale structure of migmatites

Developed methods of recognizing angular run conformity in metamorphic terraces and coaxial refolding prior to non-coaxial deformation



# Kuan Mu Yao

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kuan Mu Yao, Taiwanese sanitary engineer (Zhuji, Zhejiang Province 25 September 1923 – 2009)

Influence of suspended particle size on the transport aspect of water filtration. Master Dissertation (1968)

Defined basic formulae for high rate settlers

Theoretical study of high-rate sedimentation. J. Water Poll. Control. Feder. 42(2):218-28, 1970

Design of high rate settlers. J. Environ. Engin. Div. ASCE 99(2):621-37, 1970

Presented a conceptual model for water and waste water filtration processes and the first water filtration model that successfully predicts the initial collection efficiency (Yao-Habibian filtration model)

With M.T. Habibian & C.R. O'Melia. Water and waste water filtration. Concepts and applications. Environ. Sci. Technol. 5(11):1105-12, 1971

Presented a design chart and a design procedure for applying the critical shear stress approach for the hydraulic design of self-cleaning circular sewers

Established Yao formula and defined a term (s) for assessing the performance of a settler

Sewer line design based on critical shear stress. J. Environ. Engineer. 100(2):507, 1974

Functional design of sanitary sewers. J. Water Poll. Control Feder. 48(7):1772-8, 1976

# Kuang Pan

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Kuang Pan / Guang Pan, Chinese paleontologist (fl.1962-97)

## DESCRIBED FOSSIL GENERA

### Plantae

- Acerites* 1983
- Amentostrobus* 1983
- Bennettidicotis* 1983
- Casuarinites* 1983
- Cycadicotis* 1983
- Filicidicotis* 1983
- Illicites* 1983
- Juradicotis* 1983
- Juramagnolia* 1983
- Kadsurites* 1983
- Lianshanus* 1983
- Liaoningdicotis* 1983
- Polygalites* 1983
- Setarites* 1983
- Sinodicotis* 1983
- Yanliaoia* 1977

### HONORS

*Pankuangia* Kimura, Ohana, Zhao & Geng 1994 (Fossil Plantae)

# Kuldip Singh Soodan

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kuldip Singh Soodan, Indian geologist and palaeontologist (fl.1965)

## DESCRIBED FOSSIL TAXA

### Echinodermata

- Clarkina* 1975
- Feddenella* 1975
- Fletcherina* 1975
- Fleutiauxia* 1975
- Hannaina* 1975
- Hamptonina* 1980 with Whatley
- Harrisina* 1980 with Whatley
- Hodsonina* 1980 with Whatley
- Jagdipina* 1986
- Lawsonina* 1988 with Whatley
- Sastriella* 1975
- Swabiaina* 1991
- Yorkshirella* 1990 with Whatley

### Species

87

### Foraminifera

#### Genus

- Inordinatosphaera* 1967 with Mohan

### Species

2

## HONORS

- Soodanella* Huddleston 1982 (Fossil Echinodermata)

# Kunwar Suresh Singh

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kunwar Suresh Singh, Indian helminthologist and parasitologist (Barabanki, Uttar Pradesh State 15 August 1924 –  
Developed a new method for studying cercariae (1955)

## DESCRIBED HELMINTHOLOGICAL TAXA

### Valid Genera

*Ivritaenia* 1962

*Neoliga* 1952

*Srivastavanema* 1962

*Srivastavatrema* 1962

### Some Species

*Anoncotaenia indica* 1964

*Biuterina dicruri* 1964

*Brachylaima indica* 1962

*Bulhoesia thapari* 1955 with Singh

*Catatropis rauschi* 1956

*Choanotaenia picusi* 1964

*Choanotaenia tandani* 1964

*Diplostomulum elongatum* 1957

*Echinocotyle minutissus* 1952

*Echinostoma microspina* 1954

*Echinostoma thapari* 1953

*Gangesia lucknowia* 1948

*Gryllocola gryllotalpae* 1955

*Gryllocola indicus* 1955

*Gryllophila khehariae* 1958 with Singh

*Hymenolepis bahlı* 1954

*Hymenolepis crecca* 1952

*Hymenolepis makundi* 1952

*Hymenolepis vogee* 1956

*Ivritaenia mukteswirensis* 1962

*Leucochloridium indicum* 1962

*Leidyemella periplaneticolae* 1958 with Singh

*Longistriata indica* 1969

*Longistrata longispicularis* 1962

*Lytocestus fossilis* 1975

*Mayhewia yamagutii* 1967

*Notocotylus solitaria* 1954

*Oochroristica tandoni* 1957

*Ophriocotylodes dasi* 1964 with Tandon

*Ophryocotyle indica* 1964

*Panuwa stylicirro* 1964

*Psilocollaris indicus* 1954

*Rhigonema neyrae* 1955

*Srivastavaia indica* 1970

*Tanaisia indica*

*Thelastoma ornata* 1956

## HONORS (Trematoda)

*Singhia* Yamaguti 1958



# Kurt Schrottky

June 29, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Kurt (Carlos) Schrottky, German-born entomologist in Paraguay and Argentina (Petrokov, today Poland 21 October 1874 – Monte Carlo, Misiones Province 1937)

Authored 86 publications

Proposed at all 593 new names in Hymenoptera, Diptera and Lepidoptera

## DESCRIBED INSECTA TAXA

### Hymenoptera

#### Genera

- Aethriopsis* 1910
- Bertonia* 1910
- Brethesia* 1909
- Ctenocorynura* 1914
- Cyphomelissa* 1902
- Desmotetrapedia* 1909
- Halictomorpha* 1911
- Heteroperreyia* 1915
- Megaloptella* 1915
- Meliphila* 1902
- Micraugochlora* 1909
- Neochelynia* 1920
- Neocorynura* 1910
- Neosprynchotus* 1915
- Odontochlora* 1909
- Odyneropsis* 1902
- Oxynedys* 1902
- Parafriesea* 1906
- Paraperreyia* 1915
- Paraugochlora* 1910
- Paraugochloropsis* 1906
- Pseudabia* 1910
- Pseudagapostemon* 1909
- Pseudaugochloropsis* 1906
- Pseudomphale* 1909
- Rhinocorynura* 1909
- Stenocolletes* 1909
- Stenogarytes* 1911
- Tetrachlora* 1909
- Venturia* 1902

#### Species

246 valid

## HONORS

Subgenus *Schrottkyapis* Mitchell 1980 (Hymenoptera)

# Kurt Wolfgang Wolffhugel

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Kurt Wolfgang Wolffhugel, German veterinarian and parasitologist in South America (Mörlheim bei Landau 02 February 1869 – Puerto Varas, Los Lagos Region, Chile 09 December 1951)

Worked in Argentina, Chile and Uruguay

## DESCRIBED PARASITE HELMINTHS

### Genera

*Cloacotaenia* 1938 (Cestoda)

*Fimbriariella* 1936 (Cestoda)

*Gastrotaenia* 1938 (Cestoda)

*Gurltia* 1933 (Nematoda)

*Profimbriaria* 1936 (Cestoda)

### Species

*Gastrotaenia cygni* 1938

*Gurltia paralysans* 1934

*Hymenolepis tetraonis* 1899

*Ophiotaenia noci* 1948

*Stilesia hepatica* 1903

## HONORS

*Wolffhugelia* Mañé Garzón & Dei-Cas 1974 (Acanthocephala)

# Lauro Akira Takata

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Lauro Akira Takata, Brazilian mining engineer (? – Araxá, Minas Gerais State 24 July 2014)

From Japanese descent

Held many patents on barite concentrating processes, ultrathin apatite and processes for fertilizers production

## **PATENTS (incomplete list)**

With S.E. de Rezende, J.S. Martins & E. Matiolo. Process for obtaining apatite concentrates by froth flotation. USPTO 20130200182

With S.E. de Rezende, J.S. Martins & E. Matiolo. Process for obtaining apatite concentrates by flotation (Bunge/Fosfertil process) USPTO20120087850

With N.T. Shimabukuro. Processo para obtenção de concentrados de apatita PI0504210-0 (2005)

With R. Ribeiro, R.M. Silva, R.G. Resende & C.A. Cruz. PI BR 8606,088 (1986)

With R. Ribeiro, R.M. Silva & C.A. Cruz. Processo para aglomeração de fosfatos PI8503031-7 (1985)

With R. Ribeiro & R.M. Silva. Processo para fabricação de fertilizante fosfatado por fusão PI8306554-7 (1984)

With R. Ribeiro, M.T. Vianna & O.G. Ordoñez Carrasco. Processo e dispositivo para amostragem de partículas sólidas em suspensão em meio líquido e emulsões PI8401691-4 (1984)

Processo para preparação de um fertilizante fosfatado em suspensão estável em meio líquido (1981)



# Lauro Sollero

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Lauro Sollero, Brazilian pharmacologist (Ubá, Minas Gerais State 23 January 1916 – Rio de Janeiro 06 September 1982)

With D. Bovet & C. Chagas Filho described the in vivo curarisation of the electric organ of the *Electrophorus electricus* (1953)

## SOME BIBLIOGRAPHY

With D. Bovet, F. Bovet-Nitti & G.B. Marini-Bettolo. Recherches sur les derives de la 1, 2, 3, 4-tetrahydro-2-naphtylamine presentant les proprietés sympatholytiques et oxytociques des alcaloides de l'ergot. *Experientia* 7:232-4, 1951

With D. Bovet & M. Marotta. Studies on sympatholythics of ergotamine series: pharmacological action of tetrahydro-beta-naphthyl-diethylamine. *Rend. Ist. Sup. Sanit.* 15(10):905-24, 1952

With C. Chagas Filho, H.M. Ferreira & H.C. Parreira. On the utilization of acetylcholine during the electric discharge of *Electrophorus electricus* (L.). *Anais Acad. Bras. Ciencias* 25(3): 327-32, 1953

With C. Chagas Filho & D. Bovet. Curarisation musculaire et curarisation electrique chez le poisson *Electrophorus electricus*. *C.R. Acad. Sci (Paris)* 236, 1953

Mechanism of hypertension produced by stimulation of the central end of the vagus. *An. Acad. Bras. Ciencias* 27:73, 1955

With I.H. Page & G.C. Salmoiraghi. Bromlysergic acid diethylamide: a highly potent serotonin antagonist. *J. Pharmacol. Exp. Therap.* 117:10-15, 1956

With G.C. Salmoiraghi & I.H. Page. Blockade by bromlysergic acid diethylamide (BOL) of the potentiating action of serotonin and reserpine on hexobarbital hypnosis. *J. Pharmacol. Exp. Therap.* 117:166-8, 1956

Serotonina. *O Hospital* 50:23-35, 1956

With C. Chagas Filho & A. Hasson-Voloch. Etude par analyse chromatographique de l'elimination des stimulants du systeme nerveux. *Sedex Editeur, Paris*, 1956

Pharmacological diagnosis of pheochromocytoma. *Rev. Bras. Med.* 15(6): 393-8, 1958

With D. Albe-Fessard & A. Fessard. Données comparées sur le comportement des organes électriques vis-à-vis des substances curarisantes in *Curare and Curare like-Agents*, p. 343-55, Elsevier, 1959

With C.C. Lemme & A.B. Hargreaves. In vitro activity of N N'-bis(diethylaminoethyl) oxamide bis benzyl-chloride (mytelase) on the cholinesterase of the electric organ of *Electrophorus electricus* (L.). *Arch. Int. Pharmacodyn. Therap.* 121:59-64, 1959

Serotonina e substâncias anti-triptamínicas. *Revisão-contribuição*. Thesis, 1963

With J.R. Bueno & G.S. Kurtz. Aspectos novos da farmacodinâmica de um novo inibidor de sínteses da acetilcolina: Hemicolinium. *Anais Acad. Bras. Ciencias* 28(3), 1963

Observations on the use of preparations with a pyramide and dipyrone base. *O Hospital* 68(3):513-9, 1965

With J.R. Bueno & N.J. de Castro. Some aspects of the pharmacology of guanoxan. *O Hospital* 72(2):491-500, 1967

With J.R. Bueno & N.J. Nogueira de Castro. Effects of guanoxan on intestinal smooth muscles. *J. Pharm. Pharmacol.* 20(5):396-7, 1968

With M.C. Fonteles. Estudo de curarizantes em anfíbios brasileiros. *Cienc. Cult.* 21(2):536, 1969

With R.S. de Moura & S.A. de Souza Martins. Action of guanethidine on the pressor effect of angiotensin in adrenalectomized dogs. *Pharmacology (Switz.)* 3(1):15-20, 1970

With L.G. Paulo & G.S. Kurtz. Effects of sulfonamides on isolated preparations. *Arch. Int. Pharmacodyn. Therap.* 195(2):272-81, 1972

With L.F. de Oliveira. Interactions of 5-hydroxytryptamine and narcotic analgesics on dog intestine in vivo. *Pharmacology* 10:291-7, 1973

With R. Soares de Moura & H. Rodrigues. Hydrocortisone and vascular reactivity in dogs with haemorrhagic shock. *Pharmacology* 9:226, 1973

With L.F. de Oliveira & A.D. Bretas. Blockade by DMPP and nicotine of 5-hydroxytryptamine and narcotic-analgesics contractile effect on dog intestine in vivo. *Pharmacology* 12(1):7-11, 1974

# Lauro Travassos

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Lauro Travassos, Brazilian helminthologist and entomologist (Angra dos Reis, Rio de Janeiro State 02 July 1890 – Rio de Janeiro 20 March 1970)

Recognized as one of the world's foremost helminthologists in his day

Authored over 537 scientific works being 436 papers (314 helminthology & 122 entomology)

Introduced innovations in research methodology of helminthology and entomology

Developed a liquid for keeping inner structures of Lepidoptera and other pin mounted arthropods (1950)

Eponym of Travassos fixative solution for helminths

First to report of a case of feline dirofilariasis independently of Riley (1922)

Notas helminthologicas. Brazil Medico 35(2-6):67, 1921

## DESCRIBED (may be incomplete)

### Trematoda

#### Genera

91

### Trematoda

#### Genera

61

### Acanthocephala

#### Genera

*Hamania* 1915

*Lueheia* 1921

*Micracanthorhynchus* 1917

*Moniliformis* 1915

*Oligacanthorhynchus* 1915

*Oncicola* 1916

*Pardalis* 1917

*Polyacanthorhynchus* 1920

### Lepidoptera

#### Family

Disschematidae 1951 with Travassos Filho

#### Genera

*Adelowalkeria* 1940 with May

*Almeidaia* 1937

*Actiarpia* 1951

*Arpiella* 1958

*Ciattia* 1965 with Noronha

*Citioica* 1965 with Noronha

*Dacunju* 1965 with Noronha

*Euceriodes* 1961

*Gabi* 1965 with Noronha

*Kanzia* 1965 with Noronha

*Lepidoiticia* 1958

*Lepidokirbyia* 1944

*Lepidoneiva* 1940

*Lepidozikania* 1949

*Oiticella* 1965

*Pseudotessellarctia* 1949

*Rhina* 1954

*Xanthoarctia* 1951

**Species (Helminths)**

At least 283

**HONORS**

**Genera**

- Travassosula* Michener 1949 (Lepidoptera)
- Travassocoris* Wygodzinsky 1947 (Hemiptera)
- Prototravassosia* Artigas & Unti 1938 (Protozoa: Ciliata)
- Travtrema* Pereira 1929 (Trematoda)
- Travassostrema* Rebecq 1962 (Trematoda)
- Lauratanypus* Oliveira, Messias & Silva Vasconcelos 1992 (Diptera)
- Travassophora* Borgmeier 1938 (Diptera)

**Nematoda**

- Travassosinema* Rao 1958
- Lauroia* Proença 1938
- Lauronema* Almeida 1938
- Laurostrongylus* Durette-Desset & Chabaud 1992
- Trichotravassosia* Lent & Freitas 1938
- Traklosia* Bernard & Phillips 2015
- Travnema* Pereira 1938
- Travassosius* Khalil 1922
- Travassostrongylus* Orloff 1933
- Travassosnema* Costa, Moreira & Oliveira 1991
- Travassosascaris* Sprent 1978
- Travassallodapa* López-Neyra 1945
- Travassozolaimus* Vígueras 1938

**Subgenera**

- Travanyssus* Castro 1948 (Acari)
- Travassosisca* Lopes 1992 (Diptera)

**HONOURS**

Prix D'Esportes, Academie de Medecine de Paris (1944)

# Lawrence Herbert Wells

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Lawrence Herbert Wells, English-born South African anatomist, anthropologist and archaeologist (Handsworth, West Midlands, Birmingham 22 April 1908 – Durban 23 April 1980)

## SOME BIBLIOGRAPHY

Suppression of spinous process of eleventh thoracic vertebra (1969)

Antelopes in the Pleistocene of Southern Africa. Zool. Afr. 1:115-20, 1965

A large extinct antelope skull from the "Younger Gravels" at Sydney on Vaal. S. Afr. J. Sci. 60:88-91, 1964

The end of an old song: the age of the Galley Hill skeleton. S. Afr. Archaeol. Bull. 18:183-4, 1963

Pleistocene faunas and the distribution of mammals in Southern Africa. Ann. Cape Prov. Mus. 2:37-40, 1962

A reconsiderations of some mandibular profiles. S. Afr. J. Sci. 54:55-8, 1958

With H.B.S. Cooke. Fossil Bovidae from the Lineworks Quarry, Makapansgat, Potgietersrust. Pal. Africana 4:1-55, 1957

Speculations on the palaeogeographic distribution of antelopes. S. Afr. J. Sci. 53:423-34, 1957

With H.B.S. Cooke. Fossil remains from Chelmer, near Bulawayo, S. Rhodesia: a further note. S. Afr. J. Sci. 52:49, 1955

Physical measurements of a Hottentot bushman hybrid. S. Afr. J. Sci. 49(9):283-4, 1953

Physical measurements of Northern Bushmen. Man 52:75-98, 1952

A large fossil Klipspringer from Potgietersrust. S. Afr. J. Sci. 47:167-8, 1951

With H.B.S. Cooke. The power collection of mammalian remains from the Vaal River deposits at Pniel. S. Afr. J. Sci. 42:224-35, 1946

With H.B.S. Cooke & B.D. Malan. The associated fauna and culture of the Vlakkraal Thermal Springs, O.F.S. Trans. Roy. Soc. S. Africa 29:203-33, 1942

The Bayville "Australoid" skeleton. S. Afr. J. Sci. 38:310-8, 1942

A fossil horse from Koffiefontein, O.F.S. Trans. Roy. Soc. S. Africa 28:301-6, 1941

The endocranial cast in recent and fossil hyraces (Procaviidae). S. Afr. J. Sci. 36:365-73, 1939

The status of Bushman as revealed by a study of endocranial casts. South Afr. J. Science 34:365-98, 1938

Ceramics in Southern Africa. Anais Fac. Cien. Porto 20(1):22-108, 1935

A fossilized human femur from East London, C.P. S. Afr. J. Sci. 32:596-00, 1935

A report on human skeletal remains from East London, C.P. S. Afr. J. Sci. 31:547-68, 1934

The foot of the South African native. Amer. J. Phys. Anthr. 15:185-289, 1931

Fossil Bushmen from the Zuurberg. S. Afr. J. Sci. 26:806-34, 1929

## HONORS

*Wellsiana* Vrba 1987 (Fossil Mammalia)

# Le Yang

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Le Yang or Lo Yang, Chinese mathematician (Nantong, Jiangsu Province 10 November 1939 – Beijing 22 October 2023)

Introduced the concept of deficient functions and proved its countability

With Guanghou Zhang introduced the concept of defects and singularity directions in distribution theory

Obtained the precise estimate of total deficiency for any meromorphic function with its derivative

With G. Zhang first established the numbers of deficient values and Borel directions of entire and meromorphic functions (1970s)

Established new criteria for normality

Established relationship between normal families and fixed points as well as that between normal families and different polynomials

Established the necessary and sufficient conditions for the distribution of singular directions

Found a new kind of singular directions

With W.K. Hayman solved a conjecture of Littlewood

## EPONYMY

Le Yang inequality

Yang-Zhang theorem (relation between deficit value and singular directions) 1977

Yang-Zhang inequality

Yang relation of deficiencies

Yang problem in derivative functions with maximal deficiency sum

## LINKS

<http://www.hhl.org.cn/english/showsub.asp?id=251>

# Leandro do Sacramento

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Leandro do Santíssimo Sacramento, Brazilian botanist and friar (Recife 1778 – Rio de Janeiro 01 July 1829)

Nee Leandro Ferreira da Silva

## SOME BIBLIOGRAPHY

Theses ex Philosophia Naturali Conimbricio (1806)

Memória sobre as nitreiras naturais ou artificiais deste país (1808)

Memória econômica sobre a plantação, cultura e preparação do chá

Aguas minerais do Araxá (1817)

Compendio de Botânica

Memória sobre as Balanophoráceas

Instruções para os viajantes e empregados nas colônias sobre a maneira de colher, conservar e remeter objetos de história natural (1819)

## DESCRIBED VALID PLANTAE TAXA

### Genus

*Funifera* 1843 (Thymeleaceae)

### Species

*Archimedeia pyramidalis* 1837

*Funifera utilis* 1843

*Stiffia parviflora* 1819

## HONORS

*Leandria* Rangel 1915 (Fungi)

*Leandra* Raddi 1820 (Melastomataceae)

# Leandro Maués Tocantins

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Leandro Maués Tocantins, Brazilian haematologist in United States (Belém 08 January 1901 –Philadelphia, Delaware, Pennsylvannia 22 March 1963)

Enunciated the hypothesis of inhibitor excess as cause of haemostatic malformation in haemophilia

Demonstrated that blood and many fluids may be injected into general circulation under large quantities via bone marrow

## EPONYMY

Tocantins technique or method for administering fluids via bone marrow (1936)

Tocantins technique for platelet counting

Tocantins method for clot retraction time

Jones-Tocantins test for capillary resistance

With Harold W. Jones. A simple test for capillary resistance: the "flicking" test. Amer. J. Med. Sci. 185:535, 1933

# Lejeune de Oliveira

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Lejeune Pacheco Henriques de Oliveira, Brazilian hydrobiologist (São Brás de Suaçuí, Minas Gerais State 16 November 1915 – Rio de Janeiro 22 October 1982)

Authored important works about sanitary conditions of fluvial and marine water from Rio de Janeiro

Enunciated law of lagoons concentration under uniform successive renovations

Sobre a lei de concentração das lagoas e sua aplicação no caso da lagoa Rodrigo de Freitas. Mem. Inst. Oswaldo Cruz 53(2-4):263-76, 1955

Discovered magnetotactic algae

With H. G.P. Lins de Barros, D.M.S. Esquivel & J.A. Danon. Magnetotactic algae. An. Acad. Bras. Ciências 54:258-9, 1982

Invented devices to collect bottom material, thermometer for water studies, between others

## DESCRIBED CRUSTACEA TAXA

### Valid Genera

*Anelasmopus* 1953

*Charlesia* 1945

*Ganchosia* 1946

*Guanabaraenia* 1945

*Lahmeyeria* 1946

### Species

*Acartia fariai* 1945

*Acartia remivagantis* 1946

*Ampelisca soleata* 1954

*Anelasmopus kraui* 1953

*Centropages velificatus* 1947

*Charlesia darwini* 1945

*Chthamalus rhizophorae* 1940

*Cymadus sardenta* 1953

*Elasmopus fusimanus* 1951

*Eucalanus saravatae* 1945

*Ganchosia littoralis* 1946

*Guanabaraenia jurujubae* 1945

*Hyale antares* 1953

*Lahmeyeria turrisphari* 1946

*Lembos conicurvae* 1955

*Leptocaris vermiculatus* 1957

*Libinia bellicosa* 1944

*Melita lagunae* 1953

*Melita mangrovi* 1953

*Oithona canhanhae* 1945



*Oithona oraemaris* 1946

*Oithona oswaldocruzi* 1945

*Oithona sapucaiae* 1945

*Phoxocephalus capuciatu*s 1955

*Saphirella prowazeki* 1945

*Scolecithrix ancorarum* 1946

*Tachidius hydrobiologicus* 1945

## **PATENT**

A slide rule to hematological studies (Brazilian patent nº 21682)

A regua de calculo para a hematologia. O Hospital XLI (6):916-29, 1952

# Lelio Zeno

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Lelio Olchese Zeno, Argentine plastic surgeon and traumatologist (Torino 16 March 1890 – Rosario 21 October 1968)

Son of Piamontese immigrants

Worked in the USSR in the first half of 1930s being recognized as father of traumatology in Russia

With Emilio Pizarro Crespo wrote *Medicina Psicosomatica* (1945), in which enunciated the concept of eubiatry or integral medicine

Enunciated the idea of fracture callus as a cicatricial disease and the concept of “autogenous welding”

First to use skin-free graft of the pinna for nasal correction

Injerto libre de piel acolchada em las pequenãs rinoplastias. *Anales de Cirurgia* 7:295-9, 1941

## DEVELOPED TECHNIQUES

Mayo-Zeno technique of umbilical herniorrhaphy (1916)

Bowman-Zeno technique (a technique for treating supracondylar fractures of child elbow using zenith traction)

Zeno method for treatment of burnings employing plaster dressings in *Tratamiento de las quemaduras mediante vendaje de yeso*. *Med. Ibero* 30(1):284, 1986

Treatment of vertebral bodies fractures by hyper-extension method

New technique in the treatment of fractures of the forearm. *J. Bone & Joint Surg.* (1938)

## LINKS

<https://www.semiologiaclinica.com/index.php/biblioteca-virtual/medicos-en-la-historia/35-zeno-lelio>

<https://bvs.smu.org.uy/servicios/ToC/hector%20ardao%20VERSION%208%20baja.pdf>

His brother Artemio Zeno, surgeon (Buenos Aires 1884 – Rosario 15 November 1935) was member of Royal Academy of Sciences of London and Correspondent Member of Société de Chirurgie de Paris

# Leo C. Rimando

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Leo Cacdac Rimando, Philippine agricultural entomologist and actor (Naguilian, La Unión 26 August 1933 – 14 August 2006)

## DESCRIBED ACARI TAXA

### Tribes

Aponychini 1966

Eutetranychini 1996 with Corpuz-Raros

### Genera

*Aponychus* 1966

*Chaudhria* 1997 with Corpuz-Raros

*Makilingeria* 1996 with Corpuz-Raros

*Mulderiopsis* 1996 with Corpuz-Raros

*Pritchardina* 1962

*Wooderia* 1997 with Corpuz-Raros

### Species

*Amblyseius cinctus* 1966 with Corpuz-Raros

*Amblyseius cracentis* 1966 with Corpuz-Raros

*Amblyseius imbricatus* 1966 with Corpuz-Raros

*Aponychus corpuzae* 1966

*Aponychus rarus* 1966

*Aponychus vannus* 1968

*Bryobia pritchardi* 1962

*Eotetranychus cendanai* 1962

*Eotetranychus spanius* 1962

*Eustigmaeus baguioensis* 1997 with Corpuz-Raros

*Eustigmaeus barrioni* 1997 with Corpuz-Raros

*Eustigmaeus manus* 1997 with Corpuz-Raros

*Eustigmaeus molawini* 1997 with Corpuz-Raros

*Eustigmaeus rarusi* 1997 with Corpuz-Raros

*Exothorhis bixae* 1996 with Corpuz-Raros

*Exothorhis damortis* 1996 with Corpuz-Raros

*Exothorhis eorhis* 1996 with Corpuz-Raros

*Exothorhis leonis* 1996 with Corpuz-Raros

*Exothorhis matulis* 1996 with Corpuz-Raros

*Ledermuelleria malahadon* 1997 with Corpuz-Raros

*Ledermuelleriopsis bintawanensis* 2001 with Corpuz-Raros

*Makilingeria lagunae* 1996 with Corpuz-Raros

*Mullederia filipina* 1996 with Corpuz-Raros

*Mulderiopsis barrionae* 1996 with Corpuz-Raros

*Mulderiopsis plumata* 1996 with Corpuz-Raros

*Neoseiulus calorai* 1966 with Corpuz-Raros

*Oligonychus antherus* 1962

*Oligonychus matthyssei* 1962

*Oligonychus orthius* 1962

*Oligonychus penai* 1962

*Oligonychus velascoi* 1962

*Paraeupalopsellus clareae* 1996 with Corpuz-Raros

*Schizotetranychus baltazarae* 1962

*Schizotetranychus floresi* 1962

*Schizotetranychus lechrius* 1962

*Tenuipalpus orilloi* 1962

*Tenuipalpus pageae* 1962

*Tetranychus umalii* 1962

*Ultratenuipalpus baltazarae* 2001

*Ultratenuipalpus lacorpuzrarosae* 2001

*Wooderia philippica* 1997 with Corpuz-Raros

*Zetzellia mercedesae* 2001 with Corpuz-Raros

*Zetzellia mori* 2001 with Corpuz-Raros

#### **Hemiptera**

*Acutaspis tingi* 1969 with Velasquez

*Aulacaspis tagalensis* 1969 with Velasquez

#### **HONORS**

*Rimandocepheus* Corpuz Raros 1998 (Acari)

# Leonardo Oliva

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Francisco Leonardo de La Trinidad Oliva Alzaga, Mexican physician, pharmacist and botanist (Ahualulco de Mercado, Jalisco State 29 October 1814 – Guadalajara 06 November 1872)

## AUTHORED

Lecciones de Farmacología (1853–4)

Tratado de Terapeutica (1860)

Flora Medica (1870)

Discurso sobre La Botanica extranjera e indigena (1870)

Ensayo sobre uma carpología aplicada à La higiene y à la terapeutica

Comentarios a la obra de Historia Natural Mexicana del dr. Francisco Hernandez

Cucurbitáceas ó calabaceñas. La Naturaleza 1

El copal. La Naturaleza 1

Flórula del departamento de Xalisco. La Natureza 5

## HONORS

*Olivaea* Schultz-Bipontinus 1872 (Asteraceae)

# Leonardo Zeevaert Wiechers

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Leonardo Enrique Zeevaert Wiechers, Mexican structural engineer (Veracruz 27 November 1914 – Ciudad de Mexico 16 February 2010)

From German descent

Recognized as a world leader of geotechnical engineering

Authored 159 papers

Developed the concept of intergranular viscosity

First to apply the concept of controlled flexibility in the design of structures

Introduced the concept of elastic stability in design of high-rise steel

Improved the concept of compensated foundation and developed the concept of compensated friction pile foundations

Discovered the phenomenon of negative friction in piles

Developed and named Seismo-Geodynamic Theory

Ecuación completa de consolidación para depositos de arcilla que exhiben fuerte compresión secundaria (A complete equation of foundation for clay depots presenting Strong secondary compression). Rev. Ingeniería UNAM (6-8):57-72, 1951

## DEVELOPED METHODS

Special procedures for deep excavations to be used in conjunction with floating foundations

A method to find out the resonance periods of the subsoil (1950s)

A procedure for the construction of hanging buildings that gives more architectural flexibility in the ground floor

A procedure for determining the hydrodynamic horizontal flow in stratified soils

A procedure to assess negative friction in piles

Innovative design methods for compensated foundation, piled raft foundations and compensated-friction pile foundations

Lez foundation

Um método sencillo para el cálculo de las estructuras indeterminadas (A simple method for calculation of indeterminated structures) . Rev. Ingeniería Esc. Nac. Ingenieros p.257-61, 1939

## DEVELOPED APPARATUSES

Designed free-vibrating torsion pendulum for determining the dynamical properties of the soil (1965)

A Hollandish modified chamber

Lez pile head

Authored Foundation Engineering for Difficult Subsoil Conditions (1972) translated into Chinese and Polish languages

## HONORS

Special Prize, American Institute for Steel Construction (the first one awarded outside United States)

Gold medal, American Institute of Architects (1965)

Honorary Member, Belgian Royal Academy of Arts & Sciences & National Academy of Engineering, United States

23<sup>rd</sup> Terzaghi Lecture, American Society of Civil Engineers (1987)

## LINKS

<http://www.ejge.com/People/Zeevaert/Zeevaert.htm>

<http://www.100.unam.mx/images/stories/universitarios/dhc/PDF/zeevaert-wiechers-leonardo.pdf>

# Leonel Plasencia

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Leonel Plasencia y Montes, Cuban physician (Madruga, La Habana 05 January 1877 – La Habana 17 January 1923)

Established haematological formulae for inflammatory and cancerous processes (1901)

Ensayo de una nueva clasificación de los epitelios. Progr. Med. 12:98-104, 1902

Nuevos metodos de coloración de parasitos en la sangre. Rev. Med. Trop. La Habana 3(8):123-6, 1902

Neue methode der farbung von Blutparasiten. Arch. f. Schiffs. u. Tropen-Hyg. 7(7):337, 1903

Una variedad del *Strongyloides intestinalis*. Rev. Med. Trop. La Habana 9:177-92, 1903

Described the semiological value of eosinophils and established hematological formulas

Significación biológica del leucocito de granulación eosinofila (1905)

Albuminoscopio para luz artificial (1911)

Metodo clinico de investigación del arsenico en la orina. Rev. Med. Cubana (1912)

Nuevo indigotimetro. Rev. Med. Cir. La Habana 17(1):1, 1912

Eponym of Plasencia bacillus or *Bacillus influenzae motilis* (1918)

# Leonídio Ribeiro

May 2, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Leonídio Ribeiro Filho, Brazilian coroner (São Paulo 04 November 1893 – 27 February 1976)

## ACHIEVEMENTS

Joined Castellanos regarded as a founder of clinical dactyloscopy

First to report histopathologically the anatomo-physiological changes on fingerprints caused by leprosy (1933)

Demonstrated irrefutably for the first time the relation of cause and effect between the existing change in the papillary designs and the lesions shown by the leprosy patients (1933)

Discovered diagnostic signs on fingerprints due to many nervous diseases and created and named dactylodiagnosis

Proposed white lines as pathological signs following lesions (1935)

First to adopt the motion pictures in criminal investigation as general routine work (1934)

Authored two classical books: *Pathologie des empreintes digitales* (1946) & *Omosessualita I Endocrinologia* (1939)

## HONORS

Vice-president, International Society of Medicine

Lombroso Prize, Reale Accademia di Medicina, Italy (1933)



# Leonila Vazquez Garcia

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Leonila Vazquez García, Mexican entomologist (Jimenez, Chihuahua State 17 January 1911 – Ciudad de Mexico 30 January 1995)

Authored 52 papers

## DESCRIBED VALID LEPIDOPTERA TAXA

### Species

- Anteos atromarginatus* 1952
- Astala hoffmanni* 1941
- Oiketicus zihuatanensis* 1951
- Rhescynthis septentrionalis* 1965
- Synopsisia eximia* 1939 with Hoffmann

### Subspecies

- Antheraea polyphemus tuxtlasensis* 1994 with Balcazar
- Aphrissa statira candens* 1949
- Aphrissa statira concolor* 1949
- Aphrissa statira impunctata* 1949
- Aphrissa statira subtermaculata* 1949
- Battus philenor insularis* 1957
- Citheronia splendes queretana* 1944
- Heraclides erostratus erostratinus* 1947
- Mimoides ilus occiduus* 1957
- Papilio pharnaces dissimilis* 1957
- Papilio pharnaces paucimaculata* 1947
- Phoebis intermedia subfasciata* 1949
- Phoebis neocypris rubrofasciata* 1952
- Pieriballia viardi intermedia* 1954
- Strymon istapa clarionica* 1958
- Thecla collumela socorroica* 1958
- Zerene caesonina albida* 1949

## HONOURS

- Genus *Vazquezitocoris* Brailovsky 1990 (Hemiptera)
- Honorary Member, International Union for Conservation of Nature and Natural Resources, Cambridge, England (1977)
- Biographical data in The Lepidopterist's Society Commemorative Volume (1977)

# Leopoldo Nachbin

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Leopoldo Nachbin, Jewish Brazilian mathematician (Recife 07 January 1922 – Rio de Janeiro 03 April 1993)

Son of Polish father and Austrian mother

## ACHIEVEMENTS

Published 110 papers

Performed pioneer works about holomorphy in infinite dimension

Realized the first systematic study of topological vector spaces (1948)

Presented required and sufficient conditions in order to a continuous functions space to be bornological

Defined certain weighted spaces and compact element in a lattice

Initiated the study of topological ordered spaces

Demonstrated that a distributive lattice displaying elements 0 and 1 where all prime filter is maximal is a Boolean algebra (1947)

Extended Stone-Weierstrass theorem to differentiable functions

With J.B. Prolla & S. Machado proved that the polynomials of finite type from a real locally convex space into another are dense in the space of all continuous function with the compact open topology

Established conditions for a continuous functions subspace of compact basis be located under a subalgebra of continuous functions algebra

Nachbin theorem

An extension of the notion of integral functions of the finite exponential type. Anais Acad. Bras. Ciencias 16:143-7, 1944.

Obtained the concept of semi-uniform structures.

Sur les espaces topologiques ordonnés. C.R. Acad. Sci. Paris 226:381-2, 1948.

Introduced concept of compactness

On a characterization of the lattice of all ideals in a Boolean ring. Fund. Mathematicae 36:137-142, 1949.

Proved that every non-discrete valuable topological division ring is strictly minimal

On strictly minimal topological division rings. Bull. Amer. Math. Soc. 55:1128-36, 1949.

Nachbin-Goodner-Kelley theorem

A theorem of the Hahn-Banach type for linear transformations. Trans. Amer.Math. Soc. 68:28-46, 1950.

Hewitt-Nachbin spaces

On the continuity of positive linear transformations. Proc. Intern. Congress of Math. Cambridge, Mass. 1950. Vol I, Amer. Math. Soc, Providence, R.I., 464-5, 1952.

Nachbin-Shirota theorem

Topological Vector Spaces of Continuous Functions. Proceed. National Acad. Sciences 40:471-2, 1954.

Formulated a conjecture about Weierstrass approximation theorem

Formulação geral do teorema de aproximação de Weierstrass para funções diferenciáveis, Tópicos de topologia, Expos. De Mat 3, Univ. Ceará, Fortaleza, Ceará, 1961.

Bernstein-Nachbin approximation

Weighted approximation over topological spaces and the Bernstein problem over finite dimensional vector spaces. Topology 3, Suppl. 1:125-30, 1964.

Introduced topology Tau omega

On the topology of the space of all holomorphic functions on a given open subset, Indag. Math. 29:366-8, 1967.

Introduced Topology Tau epsilon

Sur les espaces vetorels topologiques d'applications continues. C.R. Acad. Sci. Paris 271:596-8, 1970.

Authored the thesis Topologia e Ordem (in English Topology and Order) in 1950, later translated to English and edited by Van Nostrand from Princeton in 1965. This book displayed new concepts such as a completely regularly ordered space and first to explicitly define the notion of a pospace

Authored The Haar Integral (1965), worldwide used in mathematical courses

## INTRODUCED

Notion of fundamental weight

Concept of quase-uniform space

Ideal completion of a sup-semilattice

Notion of holomorphy type

Holomorphic Mackey spaces ((with J.A. Barroso & M.C. Matos)

Concept of uniform holomorphy

Concept of weighted spaces of continuous real-valued functions

Concept of locally weighted convex spaces of continuous scalar functions on a topological space

Concept of localizability in weighted approximation problem

## HONORS

Houssay Prize from OAS (1982)

George Eastman Professor of Mathematics, University of Rochester (1967) created for him

First Brazilian Mathematician invited to give conference at International Congress of Mathematicians in Stockholm (1962)

## EPONYMY

Nachbin uniform structure

Nachbin lemma

Nachbin family

Nachbin topology

Nachbin compactification

Nachbin property

Urysohn-Nachbin extension and separation theorems

Nachbin cones

Nachbin ported topologies

Nachbin  $m$ -algebras

Nachbin polynomial

## LINKS

[WWW.mu.sbm.org.br/Conteudo/n16/n16\\_Artigo02.pdf](http://www.mu.sbm.org.br/Conteudo/n16/n16_Artigo02.pdf) See [http://www.mu.sbm.org.br/Conteudo/n16/n16\\_Artigo02.pdf](http://www.mu.sbm.org.br/Conteudo/n16/n16_Artigo02.pdf). (in Portuguese)

# Leopoldo Rio de La Loza

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Leopoldo Rio de La Loza Guillén, Mexican chemist and pharmacist (Ciudad de Mexico 14 November 1807 – Ciudad de Mexico 02 May 1876)

## ACHIEVEMENTS

Authored about 70 works

Extracted from *Perezia adnata* the crystalline form of pipitzahoic acid (1852) today known as perezone. This substance have multiple uses as purgative, dye and detector of sodium salts.

Described a new reactive paper

Nuevo papel reactivo. Periodico Soc. Filoiatr. Mexico 1:112, 1844

A procedure for obtaining calomel

Nuevo procedimiento para obtener el proto-cloruro de mercurio. Periodico Soc. Filoiatr. Mexico 1:153-5, 1844

A simple method for preparing zinc varerianate

Metodo facil para preparar el varerianato de zinc.

## HONORS

First Class Medal, Society for the Protection of Industrial Arts of London (1856)

# Leopoldo Uichanco

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Leopoldo Bancain Uichanco, Philippine entomologist (Calamba, Laguna 23 April 1894 – 23 February 1972)

Achieved international renown for his work on aphids and migratory locusts

## DESCRIBED HEMIPTERA TAXA

### Genus

*Haplaphalaria* 1921

### Species

*Anomoterga kleinhofiae* 1921

*Asphondylia grewiae* 1919

*Ectenus spinosus* 1950

*Itonida paederiae* 1919

*Leptynoptera sulfurea* 1921

*Haplaphalaria dahlī* 1921

*Paurocephala maculipennis* 1921

*Pauropsylla deflexa* 1919

*Pauropsylla montana* 1919

*Trioza pallida* 1919

## SOME BIBLIOGRAPHY

Probable relation to altitude of the mound-building habit of *Macrotermes* (*Macrotermes ailvus* (Hagen)). Philip. Jour Sci. 90(2):215-8, 1961

A method of mounting epiphytic orchids (1949)

Insect defoliators on *Cinchona* in Mindanao. Philipp. J. Forestry 3(1):45-50, 1940

A progress report on the ecology of probable outbreak centers of the migratory locust in the Philippines. Bull. Nat. Res. Count (1939)

How to make nata de piña (1939)

Insects in the Philippine folklore. Philip. Agric. 26:485-99, 1937

With R.B. Gines. A biometrical study of the adult components of the Philippine locust swarms. Philipp. Agric. 26(3):237-89, 1937

Tolerance of mealybugs to drying of host tissue. Philippine Agr. 23:886-90, 1935

A twenty-five year balance sheet for economic entomology. Philipp. Agric. Sci. 23:419-29, 1934

With S.R. Capco. Effect of various methods of storing corn on the degree of damage due to weevils. Philipp. Agriculturist 22:653-68, 1933-4

With F.E. Villanueva. Biology of the pink mealybug of sugarcane *Trionymus sacchari* (Cockerell) in the Philippines. Philip. Agric. 21:205-76, 1932

Notes on the life history and habitats of the white grub of sugarcane, *Leucopholis irrorata* Chev. Sugar News 12:592-4, 1931

Water and oil treatment against soil inhabiting termites and ants. Philip. Agr. 19(9), 1931

Emulsión de alquitrán: uso como insecticida. Philip. Agric. 19(8):501, 1931

A summary of insects affecting rice in the Philippines (1929)

Factors affecting periodicity in the abundance of certain forms of terrestrial life in the Philippines. Phil. Agr. 15(7):403-8, 1926

Studies on the embryogeny and postnatal development of the Aphididae with special reference to the history of the “symbiotic organ” or “mycetoma”. Philip. J. Sci. 24:143-247, 1924

Reproduction in the Aphididae with a consideration of the modifying influence of environmental factors. Psyche 28:95-109, 1921

Musculature and mechanisms of movement of the tarsi in Aphids. Psyche 28:63-8, 1921

General factors in the biology of Philippine mound-building termites. Philip. J. Science 15:59-66, 1919

Certain pests of coconuts in the Philippines, with suggestions for their control

## HONORS

*Uichancoella* Calilung 1975 (Hemiptera)

# Lilia Pinto de Ornellas

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Lilia Figueiredo Pinto de Ornellas, Brazilian paleontologist and poetess (Tupanciretã, Rio Grande do Sul State 17 October 1936 – Porto Alegre 17 July 2015)

## DESCRIBED FOSSIL INSECTA TAXA

### Families (with Pinto)

Carpenteropterae 1991

Laticutellidae 1974

Narkeminae 1991

Narkemocacurgidae 1978

Pricecoridae 1974

Proedischiidae 1978

### Genera

*Afrochoristella* 1978 with Pinto

*Afrosharovia* 1994 with Pinto

*Gondwanaptera* 1981 with Pinto

*Latiscutella* 1974 with Pinto

*Minicythere* 1974

*Paranarkemina* 1980 with Pinto

*Permipsythone* 1980 with Pinto

*Pricecoris* 1974 with Pinto

*Proedischia* 1978 with Pinto

### Species

*Afrochoristella maclachlani* 1978 with Pinto

*Afrosharovia permiafricana* 1978 with Pinto

*Carpenteroptera rochacamposi* 1978 with Pinto

*Gondwanaptera capsii* 1981 with Pinto

*Irajanarkemina rodendorfi* 1978 with Pinto

*Latiscutella santosi* 1974 with Pinto

*Minicythere heinii* 1974

*Paranarkemina kurtzi* 1980 with Pinto

*Paranarkemina velizensis* 1980 with Pinto

*Permipsythone panfilovi* 1980 with Pinto

*Philiasptilon huenickeni* 1978 with Pinto

*Pricecoris beckeriae* 1974 with Pinto

*Proedischia mezzalirai* 1978 with Pinto

*Triassoblatta cargini* 1974 with Pinto

## Fossil & Living Ostracoda

### Genus

*Brasilicythere* 1992 with Sanguinetti & Coimbra

### Species

#### With Sanguinetti & Coimbra

*Ambostracon crucicostatum* 1992

*Argenticythere laevipunctata* 1992

*Argenticytherella variabilis* 1992

*Bradleya pelotensis* 1992

*Brasilicythere reticulispinosa* 1992

*Caudites posdiagonalis* 1992

*Coquimba bertelsae* 1992

*Costa riograndensis* 1993

*Cyprideis maxipunctata* 1993 with Ramos  
*Cyprideis mostardensis* 1993 with Ramos  
*Cyprideis posteroinflata* 1993 with Ramos  
*Cyprideis sparsopunctata* 1993 with Ramos  
*Cypris cassinensis* 1993 with Ramos  
*Henryhowella kempfi* 1993  
*Henryhowella rectangulata* 1992  
*Henryhowella spinosa* 1992

**With others**

*Caudites fluminensis* 1987 with Coimbra  
*Caudites gnomus* 1987 with Coimbra  
*Caudites ohmert* 1987 with Coimbra  
*Caudites vandenboldi* 1987 with Coimbra  
*Chlamydocytheridea kotzianae* 1991 with Purper  
*Cyprideis anterospinosa* 1991 with Purper  
*Cyprideis minipunctata* 1991 with Purper  
*Cyprideis riograndensis* 1995 with Pinto  
*Cytherura purperae* 1978 with Fallavena  
*Paracytheridea batei* 1987 with Purper  
*Paracytheridea bulbosa* 1987 with Purper  
*Paracytheridea inflata* 1987 with Purper  
*Paracytheridea paralelicostata* 1987 with Purper  
*Paracytheridea reticulata* 1987 with Purper  
*Paracytheridea spinosa* 1987 with Purper  
*Perissocytheridea krommelbeini* 1971 with Pinto

# Lingxi Qian

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Lingxi Qian, Chinese civil engineer (Wuxi, Jiangsu Province 16 July 1916 – 20 April 2009)

Proposed no shear moment distribution method

Discovered a simplified method of analyzing suspension bridge (1940s)

Proved complementary energy can be a powerful energy variation principle for non-linear problem (1950)

Proposed a novel ladder type of dam (1959)

Discovered crown cantilever method to calculate arch dam

Proposed a new type of buttress dam, the terraced dam

Proposed a generalized variational principle for the limit analysis in solid mechanics (1965)

With Y.K. Sui & W.X. Zhong proposed an arithmetic of structure optimization (1983)

Eponym of Qian Lingxi formula to determine rock resistance coefficient in engineering

## METHODS/BIBLIOGRAPHY

Algorithm for eigenvalue problems. J. Dalian Univ. Technol. 39(2):180-2, 1999

With M. Luan. Simplified procedure for estimating shaking-induced pore-water pressure dissipation of layered saturated sands. J. Dalian Univ. Technol. 35(2):216-21, 1995

An order-reduction method for extraction of eigenvalue of dynamic systems. Computer & Structures 54(6):1099-1103, 1995

With J. Tang. Parallel algorithm for structural limit analysis and shakedown analysis. J. Comp. Mechanics 14(2), 1977

With H.W. Zhang. On the dynamic analysis of interaction between structure and soil foundation: an improved non-reflecting boundary method

## PATENTS

With C.W. Wu. Mini stainless steel draft-filter-felt. China Patent 90200802 (1990)

## LINKS

<http://www.tsaf.ac.cn/english/awards/year/1997/1411.html>



# Livio Dante Porta

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Livio Dante Porta, Argentine locomotive engineer (Paraná, Entre Ríos Province 21 March 1922 – Lomas de Zamora, Buenos Aires Province 10 June 2003)

Recognized as one of world's foremost locomotive engineers of 20th century

Introduced innovative improvements in steam locomotives

Proposed several new designs for steam locomotives (2-10-0, 2-10-10-2) in 1960s and 1970s and the Argentina locomotive (1949)

## DEVELOPED

Lempor, Lemprex and Kylpor exhaust systems or blast pipes

GPCS System (Gas Producer Combustion System) 1966

A steam bus (with Gustavo Durán)

A modern steam car (1970)

## OTHER CONTRIBUTIONS / BIBLIOGRAPHY

A graphical method of adjustment (1946)

Theory of cyclonic combustion in locomotive fireboxes (1961)

Bar frame design proposals to avoid twisting at the back end and facilitate maintenance (1969)

Guide for connection rod-piston rod calculation: a proposal for the TGS bag (1969)

A piston valve design for high temperature steam (1975)

A new conception of the compound locomotive (1976)

A system for coupling bothallet engine units and its extension to other articulated locomotives (1977)

Improvements to the air brake pump (1977)

Note sur une nouvelle philosophie dans le traitement des eaux pour chaudières locomotives (1978)

Improving existing shunting engines without structural alterations (1978)

A feedwater heating system suitable for S65 and T65 locomotives (1978)

A proposed mechanical adhesion improver (1979)

A mechanical anti-slipping device for steam electric or diesel locomotives (1979)

Steam locomotive boiler water circulation – a first semi-quantitative approach (1979)

Note on a proposed dynamic braking for advanced steam locomotives (1980)

A new superheater-economiser element for advanced steam locomotive technology (1980)

Improvements for hand-driven valve gear reverser of steam locomotives (1981)

Dispositif de contrôle de l'hauteur de la mousse dans les chaudières à basse pression (1982)

Improvements to the steam locomotive air-brake pump (1982)

A mechanical slip control device for steam, electric and diesel locomotives (1982)

Improvement to the Skinner uniflow steam engine (1983)

Supporting pad for tail rods and piston valves (based on the ONO principle) 1983

Bar frame design proposals to avoid “vibrillement” at the back end and facilitate maintenance (1983)

Boiler foam height meter (1984)

A mechanical anti-slipping device for steam, electric or diesel locomotives (1985)

Piston valve design for high temperature steam (1985)

Some forms of secondary air nozzles for locomotive type boilers (1985)

Some suggestions to improve the gasification efficiency near firebox walls (1986)

A simplified approach to locomotive balancing (1990)

Canarias, a theory of gas phase combustion (1999)

Improvements to the hydrostatic cylinder lubricator

## PATENTS

With D.A. Berkowitz, W.L. Withuhn & C.C. Hamilton. Coal fired steam locomotive US4425763 (1980) CA1183722A (1981) AU7505581A (1981) EP0047510A2 & EP0047510A3 (1981) BR8200084A (1982)

A locomotive having solid fuel combustion apparatus GB953391A (1961)

## EPONYMY

Porta on-board water treatment (1969)

Porta sectional boiler (1969)

Porta-De Leonardis elastic wheel (1983)

Hudson-Orrock-Porta formula (1984)

Porta compound system for steam locomotives (2000)

Porta advanced steam locomotive technology

#### **LINKS**

[www.trainweb.org/tusp/porta\\_biblio.htm](http://www.trainweb.org/tusp/porta_biblio.htm) See [http://www.trainweb.org/tusp/porta\\_biblio.htm](http://www.trainweb.org/tusp/porta_biblio.htm).

# Llewellyn Ivor Price

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Llewellyn Ivor Price, Brazilian paleontologist (Santa Maria, Rio Grande do Sul State 09 October 1905 – Rio de Janeiro 09 June 1980)

Son of American parents

Authored over 50 papers

## DESCRIBED FOSSIL VERTEBRATA TAXA

### Genera

*Apodichelys* 1954

*Araripemys* 1973

*Araripesaurus* 1971

*Araripesuchus* 1959

*Baurusuchus* 1945

*Candelaria* 1947

*Itasuchus* 1955

*Mourasuchus* 1964

*Peirosaurus* 1955

*Prionosuchus* 1948

*Pristiguana* 1973 with Estes

*Protorothyris* 1937

*Romeria* 1937

*Roxochelys* 1953

*Sphagesaurus* 1950

### Species

About 20

## HONORS (Fossil)

*Pricecoris* Pinto & Ornellas 1974 (Hemiptera)

*Pricemys* Gaffney, Meylan, Wood, Simmons & Campos 2011 (Reptilia)

# Longping Yuan

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Longping Yuan, Chinese agronomist and plant breeder (Beijing 07 September 1930 – Changsha 22 May 2021)

Obtained the Nan-you n°2, the world's first high yield hybrid rice strain (1973)

Developed numerous new strains of “super hybrid rice” that produced almost 10 tons per hectare

Discovered how to achieve heterosis in rice (a self-fertilizing plant), developing the first male sterile line rice

Proposed super-high yielding breeding of hybrid rice by a combination of ideotype and heterosis breeding

With Xiangyuan An developed an universal dominant male-sterility system in multiple plant species by using a maize male sterility gene (ZnMs7), a promising technology for hybrid seed production in crops

With X. An, B. Ma, M.J. Duan, Z.Y. Dong, R. Liu et al. Molecular regulation of ZnMS7 required for maize male fertility and development of a dominant male-sterility system in multiple species. *Proceed. Nat. Acad. Sciences* 117(38), 2020

## METHODS

With S.F. Song, T.K. Wang, Y.X. Li, J. Hu, R.F. Kan et al. A novel strategy for creating a new system of third-generation hybrid rice technology using a cytoplasmic sterility gene and a genic male-sterility gene. *Plant Biotechn. J.* 19(2), 2020

With Y. Xia, N. Tang, Y. Hu. D. Li, S.C. Li et al. A method for mechanized hybrid rice seed production using female sterile rice. *Rice* 12(1), 2019

Three line method for indica hybrid rice (proposed in 1966; published in 1973)

Two line method for hybrid rice (proposed in 1980s; published in 1995)

Super hybrid rice technology system (1996-7)

A series of yield-boosting techniques such as the determination of seeding dates, adjustment of flowering stages, supplementary pollination and application of gibberellic acid in Key techniques for high production of hybrid rice seeds. *Yichuan Yuzhong* 1:4-5, 1977

## HYBRIDS

Nan-you n°2 (1974)

V64 (1984) with M.Y. Sun

V48 (1984) with Z.G. Song

V49 (1986) with X.L. Deng

V438 (1993) with Z.G. Song

V647 (1994) with X.L. Deng

## PARENTAL LINES

Er-Jiu-Nan n° 1 A(B) 1972

Ce64 (1985) with M.Y. Sun

Ce49 (1986) with X.L.Deng

Ce48 (1987) with Z.G. Song

Pei Ai 64s (1991) with X.H. Luo et al

438 (1993) with Z.G. Song

647 (1994) with X.L. Deng

Ce64s (1996) with X.Q. Li et al

Xiang125s (1996) with H.Q. Yin et al.

Lin-Lun (1996) with Y.C. Yan

## HONOURS

UNESCO Science Prize (1987)

Rank Prize for Agronomy and Nutrition, London (1988)

Alan Shawn Feinstein World Hunger Award for Research and education, Brown University, United States (1993)

Fukui International Koshikari Rice Prize (1998)

Wolf Prize in Agriculture and World Food Prize (2004)

Asteroid 8117 Yuanlongping

# Lope de Saavedra Barba

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Lope de Saavedra Barba, Spanish / Peruvian metallurgist (Siruela, Badajoz 15?? – Huancavelica, Peru c. 1645)

Created the dragons or griffins furnace known as busconil furnace (1633)

Developed a new method for obtaining mercury by distillation (1635)

# Lorenzo Raimundo Parodi

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Lorenzo Raimundo Parodi, Argentine botanist and agronomist (Pergamino, Buenos Aires Province 23 January 1895 – Buenos Aires 21 April 1966)

## DESCRIBED PLANTAE TAXA

### Genera/Subgenera

*Erianthecium* 1943

*Gymnachne* 1938

*Hemimunroa* 1937

*Microbriza* 1981

*Oplismenopsis* 1937

*Thrasyopsis* 1946

*Pseudosporobolus* 1928

### Species

128

### Others

1 subtribe, 2 subfamilies, 80 varieties and 13 forms

## HONOURS

*Parodiodoxa* O.E. Schulz 1929 (Brassicaceae)

*Parodianthus* Troncoso 1941 (Verbenaceae)

*Parodiodendron* Hunziker 1969 (Euphorbiaceae)

*Parodiolyra* Soderstrom & Zuloaga 1989 (Poaceae)

*Parodiophytlochloa* Morrone, Denham, Aliscioni & Zuloaga 2008 (Poaceae)

*Lorenzochloa* Reeder & Reeder 1968 (Poaceae)

Section *Parodiochloa* Hubbard 1981 (Poaceae)

# Lorenzo Uribe

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Antonio Lorenzo Uribe y Uribe, Colombian botanist (Medellín 20 January 1900 – Bogotá 08 December 1980)

Son of naturalista José Joaquín Uribe

Authored about 40 papers

Collected Lepidopteran and Coleopteran species

## DESCRIBED VALID PLANTAE SPECIES

*Adelobotrys linearifolia* 1966

*Aristolochia antennifera* 1955

*Aristolochia claveriana* 1955

*Blakea allotricha* 1971

*Blakea fissicalyx* 1980

*Blakea longipes* 1980

*Blakea mitrata* 1971

*Blakea squamigera* 1975

*Blakea valenzuelae* 1957

*Centronia dichromantha* 1965

*Clidemia anoriensis* 1977

*Draba litamo* 1948

*Drymonia variegata* 1952

*Ernestia adenotricha* 1962

*Huilaea macrocarpa* 1966

*Huilaea minor*

*Huilaea mutisiana* 1969

*Inga capsellata* 1943

*Inga coragypsea* 1943

*Inga dolichantha* 1942

*Inga ellsworthiana* 1947

*Inga guamito* 1943

*Inga interfluminensis* 1943

*Inga medellinensis* 1945

*Inga microgyna* 1945

*Inga ouraphylla* 1947

*Inga pilosa* 1941

*Inga psittacorum* 1945

*Inga samanensis* 1952

*Inga urabensis* 1947

*Meriania antioquensis* 1969

*Meriania hernandoi* 1969

*Meriania peltata* 1962

*Meriania versicolor* 1962

*Miconia aguirrei* 1977

*Miconia alborosea* 1969

*Miconia cionotricha* 1964

*Miconia cleefii* 1975

*Miconia eremita* 1962

*Miconia laetevirens* 1966

*Miconia lithophila* 1975

*Miconia orescia* 1966

*Miconia poecilantha* 1964

*Miconia sciurea* 1966

*Miconia wurdackii* 1969

*Monolena elliptica* 1960

*Monolena lanceolata* 1979

*Monolena pilosiuscula* 1960

*Monolena pygmaea* 1961

*Passiflora albicans* 1958

*Passiflora arbelaezii* 1957

*Passiflora azeroana* 1955

*Passiflora crispolanata* 1954

*Topobea calcarata* 1971

*Topobea rhodantha* 1975

## **HONORS**

*Uribea* Dugand & Romero 1962 (Fabaceae)



# Lothar Szidat

June 29, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Lothar Karl Wilhelm Szidat, German-born Argentine helminthologist and parasitologist (Iłowo, Poland 31 December 1892 – Buenos Aires 22 July 1973)

Demonstrated the existence of furocercariae in the life cycle of strigeoid digeneans

Enunciated the Szidat rule “The level of organization of the permanent parasites generally allows conclusions to be drawn about the phylogenetic antiquity of their hosts”

## DESCRIBED HELMINTH TAXA

### Genera

*Acanthostomoides* 1956

*Apatemon* 1928

*Austrocalicotyle* 1972

*Austrocreadium* 1956

*Austrodiplostomum* 1951 with Nani

*Austromicrophallus* 1964

*Bothrioscolex* 1937

*Brachyurus* 1938

*Bursotrema* 1960

*Cardiocephalus* 1928

*Cotylurus* 1928

*Cyathocotyloides* 1936

*Dicranocercaria* 1932

*Duboisia* 1936

*Elytrophalloides* 1955

*Eucradium* 1954

*Holostephanus* 1936

*Kossackia* 1936

*Linstowiella* 1933

*Megacoelium* 1954

*Neobilharzia* 1942

*Ophiosoma* 1928

*Palaeocryptogonimus* 1954

*Palaeorchis* 1943

*Paracalicotyle* 1970

*Paracyathocotyle* 1936

*Paralichthyotrema* 1960

*Parastrigea* 1928

*Parasymphylodora* 1943

*Pittacium* 1939

*Plehniella* 1951

*Postmonorcheides* 1950

*Procaudotestis* 1954

*Proneochasmus* 1954

*Pseudhemistomum* 1936

*Pseudobenedenoides* 1969

*Saccocoelioides* 1954

*Trigonostoma* 1966

### Species

About 100 new species of Monogenea, Digenea, Cestoda and Nematoda

### Others

### Genera (Crustacea)

*Philostomella* 1960 with Schubart

*Riggia* 1948 with Nani

**Species**

**Crustacea**

*Lophoura magna* 1971

*Philostomella cigarra* 1960 with Schubart

*Riggia brasiliensis* 1960 with Schubart

*Riggia nana* 1960 with Schubart

*Riggia paranensis* 1948 with Nani

*Rocinela tridens* 1948 with Nani

*Telotha silurii* 1960 with Schubart

**Myxozoa**

*Myxobolus galaxii* 1953

*Myxobolus magellanicus* 1953

**HONORS**

*Szidatia* Dubois 1938 (Trematoda)

*Szidatinus* McCrae 1961 (Cestoda)

*Szidatitrema* Yamaguti 1971 (Trematoda)

# Lourival Domingos Possani

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Lourival Domingos Possani, Brazilian-born Mexican toxicologist (Santo Angelo, Rio Grande do Sul State 09 July 1939 –

Authored 500 publications (with about 19,700 citations by Google Scholar, about 17,000 by ResearchGate and about 16,600 by Research.com)

Described a number of novel toxins from scorpions, reptiles, molluscs, spiders and wasps

Described the toxic venom peptides that affect the function of ion channels of excitable cells

First to report peptides that block potassium (K<sup>+</sup>) channels (noxiustoxin 1986 and ergtoxin from *Centruroides noxius*)

Found peptide toxins with immune-modulatory function and that with antibiotic and antiparasitic activity

Other peptides with interesting biological activities such as specific toxins for insects and crustaceans

With F.Z. Zamudio discovered hadrurine (from *Hadrurus gertschi*) and scorpine (from *Pandinus imperator*) with microbicide activity (2000)

Isolated and characterized a peptide with antiepileptic activity from *Centruroides limpidus limpidus* (1994)

Designed and synthesized about a hundred peptides

## OTHER CONTRIBUTIONS

With M.U. Naseem, E. Carcamo Noriega, J. Borrego, T.G. Szanto, F.Z. Zamudio, G. Delgado-Prudencio & G. Panyi. Cm28, a scorpion toxin having a unique primary structure, inhibits KV12 and KV13 with high affinity. J. Gen. Physiol. 154(8), 2022

With M. Benard Valle, E.E. Neri-Castro, M.F. Yañez-Mendoza, B. Lomonte, A. Olvera, F. Zamudio, R. Restano-Cassulini, E. Jimenez-Ferrer & A. Alagon. Functional, proteomic and transcriptomic characterization of the venom from *Micrurus browni browni*: identification of the first lethal multimeric neurotoxin in coral snake venom. J. Proteom. 225:103863, 2020

With F. Caliskan, V. Quintero-Hernandez, R. Restano-Cassulini, F.I. Coronas-Valderrama & G. Corzo. Molecular cloning and biochemical characterization of the first Na<sup>+</sup>- channel alpha-type toxin peptide (Acra4) from *Androctonus crassicauda* scorpion venom. Biochimie 95:1216-22, 2013

With L. Riano-Umarila, V.R. Juarez-Gonzalez, T. Olamendi-Portugal, M. Ortiz-Leon & B. Becerril. A strategy for generation of specific human antibodies by directed evolution and phage display. Febs J. 272:2591-01, 2005

With A. Shalabi, F. Zamudio, X. Wu, A. Scaloni & M.L. Villereal. Tetrapandins, a new class of scorpion toxins that specifically inhibit store-operated calcium entry in HEK-293 cells. J. Biol. Chem. 279:1040-9, 2004

With M. Corona, F.V. Coronas, E. Merino, B. Becerril, R. Gutierrez, S. Rebollo-Antunez & D.E. Garcia. A novel class of peptide found in scorpion venom with depressant effects in peripheral and central nervous system of the rat. Biochim. Biophys. Acta Prot. Proteom. 1649:58-67, 2003

With F. Gómez Lagunas & T. Olamendi Portugal. Block of Shaker B K<sup>+</sup> channels by Pi1, a novel class of scorpion toxin. FEBS Lett. 400:197-200, 1997

## PAPERS IN TOP JOURNALS

With E. Carcamo-Noriega, S. Sathyamoorthi, S. Banerjee, E. Gnanamani, E. Mendoza Trujillo, D. Mata-Espinosa Montserrat, R. Hernandez Pardo, J.I. Veytia Bucheli & R.N. Zare. 1,4-benzoquinone antimicrobial agents against *Staphylococcus aureus* and *Mycobacterium tuberculosis* derived from scorpion venom. Proceed. Natl. Acad. Sci. 116(26):12642-7, 2019

Antivenom for scorpion sting. The Lancet 355:67, 2000

With M.M. Altamirano, C. Garcia & A.R. Fersht. Oxidative refolding chromatography: folding of the scorpion toxin Cn5. Nature Biotechnol. 17:187-91, 1999

With E. Carbone, E. Wanke, G. Prestipino & A. Maelicke. Selective blockage of voltage-dependent K<sup>+</sup> channels by a novel scorpion toxin. Nature 296:90-1, 1982

With R. Banerjee, C. Balny & P. Douzou. Oxidation of haemoglobin by oxygen in light: possible role of singlet oxygen. Nature 226:861-2, 1970

## PATENTS

With R.N. Zare, J.I. Veytia Bucheli, E.N. Carcamo Noriega, G. Elumalai, S. Sathyamoorthi, S. Banerjee & R.E. Hernandez Pando. Scorpion venom benzoquinone derivative and uses thereof US20210214303A1 EP3801765A1 CN112512635A (2021) WO2019231735A1 (2019)

With M.V. Prates, G.A. Joanitti, C. Bloch Jr., S.M. de Freitas, G.D. Brand, J.P.C. Fernandes, C.B.F. Mourão, J.A.R.G. Barbosa, E.N.F. Schwartz, M.R. Mortari, R.M.R. Cassulini & S.G. da Fonseca. Peptídeos inibidores de serinopeptidase modificados de peçonha de escorpião, seu processo de obtenção e uso BR102017013362A2 (2020)

With M.M. Pedraza Escalona, G.P. Espino Solis, A. Olvera Rodríguez & H.M. Cardoso Torres. Monoclonal antibodies against the DEC-205 receptor of chicken dendritic cells US09951135B2 (2014) & MX346878B (2017)

With M.A. Abdel Rahman, A.A.M. Hassan, H. Hotta & M.M. Sarhan. Antiviral agent WO2017126340A1 (2017)

With V. Quintero, L. Gonzalez, J.M. Jimenez-Vargas, E. Ortiz, G. Corzo & B. Becerril. Composición farmacéutica de proteínas híbridas recombinantes capaces de generar anticuerpos neutralizantes em contra del veneno de alacranes MX2016002188A (2015) WO2017142388A2 (2017)

With B. Becerril Luján, J.N. Arredondo López, I.V. Gómez Ramírez, E.R. Rodríguez Rodríguez, L. Riaño Umarila, G. Fernandez Taboada & T.C. Olamendi Portugal. Human recombinant antibodies family of variants that neutralize the venom of the main poisonous scorpions MX2015011378A (2015)

With I. Arenas Sosa, R. Rodríguez Hernandez, O. Walls Flores & G. Corzo Burguete. Actividad antimicrobiana “in vitro” de la combinación de péptidos antibióticos de alacrán con antibióticos de uso común MX2015009505A (2015)

With E. Ortiz, S. Ramírez Carreto, J.M. Jimenez Vargas & G. Corzo. Péptidos del alacrán *Vaejovis punctatus* como antibióticos contra *Mycobacterium tuberculosis* y otras bacterias y levaduras patógenas MX359976B (2015)

With P.G. Gurrola Briones, S.P. Salas Castillo, C.V. Ferreira B., Z.S. Varga, G. Panyi & R. Gaspar. Vm23 and Vm24, two scorpion peptides that block human T-lymphocyte potassium channels (sub-type Kv1.3) with high selectivity and decrease the in vivo DTH-responses in rats (2012) Europe 07734817.5, US 12/599,978 CN200780053305.7 CA2686216 AU2007353147 Israel202113 Euroasia 200901530 Korea 10-2009-7026000 Brazil (?) Cuba 2009-0194 JP (?) India 7396/DELNP/2009 Singapore 20097395-8 South Africa (2009) PCT (2007)

With G. Corzo & F. García. Uso de un péptido antibiótico proveniente del veneno del alacrán *Centruroides suffusus suffusus* y sus composiciones farmacéuticas obtenidas con antibióticos comerciales MX 343126B (2011)

With G. Corzo, G. Estrada, K. Hernandez & B.I. García. Variantes recombinantes de una toxina del veneno del alacrán *Centruroides suffusus suffusus* para la producción de antivenenos contra el veneno de alacranes del género *Centruroides* (2011)

With A. Alagón C, G. Gurrola, E.V. Grishin, A.V. Lipkin & K.E. Volynski. Immunogen, anti-venom and vaccine against the venom of the Black Widow Spider US (?) EP00980069.9 CA2,397,731 (2002) MX (2010) PCT(2000) UNAM-MX (1999)

With G. Gurrola Briones, C.A. Hernandez Aponte & J. Silva Sanchez, Vejovina – un péptido antibiótico (2009)

With L. Riaño U & B. Becerril L. Human antibody variants that specifically recognize the toxin CN2 from *Centruroides noxius* scorpion venom US (2008 & 7,381,802 B2 2005) Mexico (2009)

With M. Corona, M.C. Garcia, N.A. Valdez, G. Gurrola & B. Becerril. Recombinant immunogens for the generation of antivenoms to the venom of scorpions of the genus *Centruroides* US (2008 & 2002) Mexico (2003)

With G.A. Corzo Burguete, G. Estrada Tapia, K. Hernandez-Salgado & B.I. García Gómez. Inmunógenos recombinantes para la producción de antivenenos contra el veneno de alacranes del género *Centruroides* (2008)

With B.I. García-Gómez & T.C. Olamendi-Portugal. Inmunógenos recombinantes para la producción de antivenenos contra el veneno de alacranes del género *Parabuthus* MX339085B (2008)

With F. Zamudio & A. Torres. Hadrurina – Un péptido antibiótico (2007)

With B. Becerril, F. Zamudio, B. Selisko, A. Ramírez & M.C. Garcia. Primary sequence and cDNA of insecticidally effective toxins from scorpions of the genus *Centruroides* US (2001) MX 2005&2002

With B. Becerril & A.F. Licea N. ADNc y fragmento Fab del anticuerpo BCF2 y su utilización em composiciones farmacéuticas neutralizantes de veneno de alacrán (2001)

With C. Noeske-Jungblut, W.D. Schleuning, A. Alagón, D.A. Cuevas-Aguirre, P. Donner, B. Haendler & U. Hechler. Thrombin inhibitor from protostomia saliva (Schering-US) 1999 US 5,876,971A (1992)

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With C. Noeske-Jungblut, W.D. Schleuning, A. Alagón, D.A. Cuevas-Aguirre, P. Donner, B. Haendler & U. Hechler. Clotting inhibitor made from protostomia saliva (Schering, Europe) 1997

With B. Becerril, M. Corona, F. Ingeborg, F. Zamudio, E.S. Calderón, P. Litton & B.M. Martin. Produção de peptídeos de escorpiões *Tityus serrulatus*, *Tityus bahiensis* e *Tityus stigmurus*, e respectiva imunização de cavalo, visando a obtenção de soros antiescorpionicos Brazil (1995)

With G. Gurrola B., M.A.A. Bayón C & M. Sitges B. Procedimiento, diseño y síntesis para la obtención de péptidos sintéticos de estructura (Ax)N-(As)N-As, capaces de formar derivados beta-carbonilos para sustratos fluorogénicos de enzimas hidrolasas (1991)

With G. Gurrola B., M.A.A. Bayón C & M. Sitges B., Synthetic noxiustoxin related peptides (US 1990)

## HONOURS

Doctor Honoris Causa, Hungarian Academy of Sciences (2005)

Redi Award, International Society of Toxicology

Genus *Possaniella* Brailovsky 1999 (Hemiptera)

# Lucas Roselli

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Francisco Lucas Roselli, Uruguayan paleontologist and archaeologist (Carmelo, Colonia Department 18 October 1902 – Nueva Palmira, Colonia Department 22 November 1987)  
From Italian parents

## ARCHAEOLOGY

- Una ceramica prehispánica, campanuliforme y antropomorfa. Nuestra Tierra (1969)
- Una ceramica prehispánica, ornitomorfa y ceremonial del Uruguay. Amerindia (1964)
- Sensacional hallazgo arqueológico en Punta Chaparro. El eco de Palmira (1942)

## DESCRIBED FOSSIL TAXA

### Ichnofossil

#### Genera

- Devincenzichnus* 1939
- Ellipsoideichnus* 1987
- Fontanaichnus* 1976 (*Fontanai* 1939)
- Isociesichnus* 1987
- Madinaichnus* 1987
- Martinezichnus* 1987
- Microichnus* 1987
- Monesichnus* 1987
- Palmiraichnus* 1938
- Rebuffoichnus* 1987
- Teisseirei* 1938 (*Teisseireichnus* 1987)
- Uruguayichnus* 1976 (*Uruguayi* 1938)

#### Species

- Ampullaria bergeroi* 1939
- Devincenzichnus murguiai* 1939
- Ellipsoideichnus meyeri* 1987
- Fontanaichnus* / *Fontanai kraglievichi* 1939
- Isociesichnus diplocamara* 1987
- Madinaichnus larranagai* 1987
- Martinezichnus francisi* 1987
- Microichnus lafurcadai* 1987
- Monesichnus ameghinoi* 1987
- Palmiraichnus castellanos* 1938
- Palmiraichnus minor* 1938
- Rebuffoichnus casamiquelai* 1987
- Teisseirei* / *Teisseireichnus barattinia* 1938
- Uruguayichnus* / *Uruguayi auroranormae* 1938
- Uruguayichnus* / *Uruguayi rivasi* 1987

### Mammalia (1976)

#### Genera

- Fiandraia*
- Gilsolaresia*
- Heteroglyptodon*
- Lestodontidion*
- Perezfontanatherium*

#### Species

- Fiandraia romeii*
- Gilsolaresia bayoi*

*Glossotherium guerrai*

*Heteroglyptodon genuarioi*

*Lestodontidion monesi*

*Nothrotherium normaroselli*

*Perezfontanatherium fiandrai*

*Tayassu geoscai*

## **HONORS**

*Rosellichnus* Genise & Bown 1996 (Fossil Hymenoptera)

# Luciano Palet

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Luciano P.J. Palet, Argentine analytical chemist (died 1919)

Sobre algunos reactivos nuevos generales de alcaloides y su uso microquímico. Rev. Politecn. 10:275-80, 1909

Proposed Suessol, a new artificial edulcorant and sweetening compound (1914)

Note sur une nouvelle reaction extremement sensible de l'apomorphine (1916)

Developed a test for the detection of selenium in sulphuric acid based upon the color produced with aspidospermine in Anales Soc. Qui. Argentina 5:121-3, 1917

An extension of the application of a mixed solution of potassium ferricyanide and ferric chloride to the characterization of alkaloids, glucosides and other substances of vegetable origin. Ann. Soc. Quim. Arg. 6:156-8, 1918

A modified Flückiger method for the rapid detection of morphine in the chemico-toxicological analysis of viscera. Ann. Soc. Quim. Arg. 6, 1918

With A. Sabatini. Certain modifications of the Grandval and Lajoux method for the determination of nitrates in water. Bol. Min. Soc. Nac. Minería Chile(1919)

Developed a reaction for aconitine in J. Pharm. Chim. 19:295-6, 1919

Developed a test for the identification of pyrimidin based on production of a precipitate of Prussian blue known as Palet test or reaction

A new sensitive reaction for pyrimidin and its differentiation from antipyrine. Anales Soc. Quim. Arg. 6:151-5, 1918

# Lucrecia Covelo de Zolessi

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Lucrecia Covelo de Zolessi, Uruguayan arachnologist and entomologist (La Paz, Canelones Department 12 January 1920 – Montevideo 09 March 2000)

Gained international recognition for his movie about sexual behavior of arachnid species *Bothriurus bonariensis*

## DESCRIBED

*Brachymyrmex melensis* 1978 with Gonzalez & Petrone de Abenante (Hymenoptera)

*Cephalocoema (Orienscopia) albrechti* 1968 (Orthoptera)

*Scotussa liebermanni* 1968 with Mesa (Orthoptera)

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La partenogénesis en el escorpión amarillo *Tityus bolivianus uruguayensis* (Borelli, 1900) (Scorpionida: Buthidae). Actas Jornal. Zool. Uruguay (1985)

With B. Goni & H.T. Imai. Karyotypes of thirteen ant species from Uruguay (Hymenoptera, Formicidae). Caryología 36:363-71, 1983

With Y. Petrone de Abenante. Estado actual de los estudios bioecológicos y morfológicos de las especies del género *Acromyrmex* (Myrmicinae; Attini, Mayr) en la Republica del Uruguay. Attini 14:3-4, 1983

With B. Goni & H.T. Imai. Chromosome observations of some Uruguayan ants (Hymenoptera: Formicidae). Ann. Rep. Nat. Inst. Genetics 32:69-70, 1982

With L.A. Gonzalez. Observaciones sobre el género *Acromyrmex* en el Uruguay. IV. *Acromyrmex (Acromyrmex) lundii* (Guérin, 1838) (Hymenoptera: Formicidae). Rev. Fac. Human. Cienc. Ser. Cien. Biol. 1:9-28, 1979

With Y. Petrone de Abenante & L.A. Gonzalez. Descripción y observaciones bioetológicas sobre una nueva especie de *Brachymyrmex* (Hymenoptera: Formicidae). Rev. Biol. Uruguay 4:24-44, 1978

With Y. Petrone de Abenante. Estudio comparativo de la genitália del macho de las especies de *Acromyrmex* del Uruguay. Rev. Biol. Uruguay 3:73-8, 1977

With L.A. Gonzalez. Nidificación y mesoetología de *Acromyrmex* en el Uruguay. II. *Acromyrmex (Acromyrmex) lobicornis* (Emery, 1887). Rev. Biol. Uruguay 2:37-57, 1974

With Y. Petrone de Abenante. Nidificación y mesoetología de *Acromyrmex* en el Uruguay. III. *Acromyrmex (A.) hispidus* Santschi 1925 (Hymenoptera, Formicidae). Rev. Biol. Urug. 1:151-65, 1973

With R. Vaz Ferreira & F. Achaval. Oviposición y desarrollo de ofídios y lacertilios en hormigueros de *Acromyrmex*. Physis 29(79):431-59, 1970

With R. Vaz Ferreira & F. Achaval. Reproducción de squamata y hormigas cultivadoras. Abst. Comm. IV Congr. Latinoam. Zool. (1969)

Estudio genético de las variaciones cromáticas y estudio anatómico de *Chelymorpha variabilis* Boh. (= *Ch. crucifera* Boh.), 1854 (Coleoptera, Chrysomelidae, Cassidinae). Rev. Soc. Urug. Ent. 7:20-44, 1968

With A. Mesa. Descripción y obeservaciones bioecológicas sobre una nueva especie de *Scotussa* (Orthoptera; Acrididae). Rev. Soc. Urug. Ent. 7:4-19, 1968

Morphologie, endosquelette et musculature d'un acridien aptere. *Cephalocoema albrechti* sp.n. (Prosocopiidae, Acridoidea). Thesis, Université de Paris (1966)

Reproducción y ontogenia de *Coryacris angustipennis* (Bruner) 1900. Rev. Fac. Agronomía 67:1-15, 1963

Bioecología y ontogenesis de *Scotussa cliens* (Stal) Lieb. (Acridoidea, Catantopidae) en el Uruguay. Fac. Hum. Cienc. (1958)

La oviposición de *Cephalocoema* sp. (Acridoidea, Prosocopiidae). Rev. Soc. Urug. Ent. 2(1):55-8, 1957

Observaciones sobre el comportamiento sexual de *Bothriurus bonariensis* (Koch) (Scorpiones, Bothriuridae). Nota preliminar. Bol. Fac. Agron. Montevideo 35:3-10, 1956

Observaciones sobre *Cormops aquaticum* Br. (Acridoidea, Cyrtacantha) en el Uruguay. Rev. Soc. Urug. Ent. 1:1-28-56, 1956

## HONOURS

*Zolessia* Biezanko & Monné 1968 (Lepidoptera)



# Ludwig Riedel

May 2, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Ludwig Riedel, German-born Brazilian botanist and plant collector (Berlin 02 March 1790 – Rio de Janeiro 06 August 1861)

## DESCRIBED VALID PLANTAE TAXA

### Genus

*Wunderlichia* 1873 (Asteraceae)

### Species

*Lasiandra mutabilis* 1884

*Paepalanthus bryoides* 1831

*Wunderlichia mirabilis* 1884

## HONORS

*Riedeliella* Harms 1903 (Fabaceae)

# Luis Alberto Quesada Allue

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Luis Alberto Quesada Allué, Argentine insect biochemist (Bordeaux, France 23 November 1942 –

Authored over 120 papers being most of them published in first-level journals

Described the chitin synthesis in insects

With L.R. Marechal & E. Belocopitow. Chitin synthesis in *Triatoma infestans* and other insects. *Acta Physiol. Latinoam.* 26(5):349-63, 1976

Found polyprenol-phosphates sugars in insects and studied its biosynthesis

With L.R. Marechal & E. Belocopitow. Biosynthesis of polyprenol phosphate sugars by *Ceratitis capitata* extracts. *FEBS Lett.* 67(3):243-7, 1976

Presented the first evidence of a protein glycosylation in a pluricellular invertebrate through dolichyl derivatives in *Mol. Cell. Biochem.* 33(3):149-55, 1980

Performed the first studies about glycoproteins in *Trypanosoma cruzi*

With J.J. Cazzulo & A.J. Parodi. The biosynthesis of mannose-containing glycoconjugates in the trypanosomatid *Crithidia fasciculata*. *J. Protozool.* 29(2):329, 1982

With A.J. Parodi. Protein glycosylation in *Trypanosoma cruzi*. I. Characterization of dolichol-bound monosaccharides and oligosaccharides synthesized "in vivo". *J. Biol. Chem.* 257(13):7637-40, 1982

With A.J. Parodi. Novel mannose carrier in the trypanosomatid *Crithidia fasciculata* behaving as a short  $\alpha$ -saturated polypreyl phosphate. *Biochem. J.* 212(1):123-8, 1983

Described in detail the transition from larval to pharate adult stages

With A. Rabossi & P. Wappner. Larva to pharate adult transformation in the medfly *Ceratitis capitata* (Wiedemann) (Diptera: Tephritidae). *Can. Entomol.* 124(6):1139-47, 1992

With A. Rabossi. Medfly eye pigments as markers of differentiation. *Anales Asoc. Quim. Argentina* 81:325, 1993

Performed the first analysis in vivo of synthesis and deposition of a glycoprotein

With G.L. Boccaccio. Synthesis and deposition of PCG-100, the main pupal cuticle glycoprotein of the medfly *Ceratitis capitata*. *Arch Insect Biochem. Physiol.* 27(3):217-34, 1994

Proposed an alternative model explaining the mechanism of water loss during sclerotization

With P. Wappner. Water loss during cuticle sclerotization in the medfly *Ceratitis capitata* is independent of catecholamines. *J. Insect Physiol.* 42(17):705-9, 1996

Demonstrated the onset of glycogen synthesis in insects

With D.S. Tolmasky & A. Rabossi. Synthesis and mobilization of glycogen during metamorphosis of the medfly *Ceratitis capitata*. *Arch. Biochem. Biophys.* 392(1):38-47, 2001

Discovered that enzyme NBAD-S plays a role in the immune system of insects and in the turnover of dopamine

With J. Schachter & M.M. Perez. The role of N- $\beta$ -alanyldopamine synthase in the innate immune response of two insects. *J. Insect Physiol.* 53(11):1188-97, 2007

With M.M. Perez, J. Schachter & J. Berni. The enzyme NBAD synthase plays diverse roles during the life cycle of *Drosophila melanogaster*. *J. Insect Physiol.* 56(1):8-13, 2010

With L.M. Pujol-Lereis & A. Rabossi. Lipid profiles as indicators of functional senescence in the medfly. *Exper. Geront.* 47(6):465-72, 2012

First to demonstrate that after irradiation a fraction of tumor cells present large lipid bodies which mainly contain high concentration of triglycerides

With G.A. Pizzurro, F.P. Madorsky Rowdo, I.M. Pujol-Lereis, A.M. Copati, M.P. Roberti, J.L. Teillaud, E.M. Levy, M.M. Barrio & J. Mordoh. High lipid content of irradiated human melanoma cells does not affect cytokine-maturated dendritic cell function. *Cancer Immunol. Immunother.* 62(1):3-15, 2013

First to identify extracellular brownish spots in insects

With M.M. Perez, P.A. Bochichio & A. Rabossi Extracellular activity of NBAD-synthase is responsible for colouration of brown spots in *Ceratitis capitata* wings. *J. Insect Physiol.* 107:224-32, 2018

## LINKS

<https://www.oei.es/historico/divulgacioncientifica/?Reconocen-a-un-experto-internacional-en-el-estudio-de-los-insectos-plaga> (Spanish)

# Luis Alejandro Novelo

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Alejandro Novelo Retana, Mexican botanist (Ciudad de Mexico 24 February 1951 – Ciudad de Mexico 18 June 2006)

Expert on aquatic vascular plants

## DESCRIBED PLANTAE TAXA

### Genera

*Cipoia* 2004 with Philbrick & Irgang

*Diamantina* 2004 with Philbrick & Irgang

*Vanroyenella* 1993 with Philbrick

### Species

*Ceratolacis pedunculatum* 2004 with Philbrick & Irgang

*Cipoia inserta* 2004 with Philbrick & Irgang

*Diamantina lombardii* 2004 with Philbrick & Irgang

*Marathrum rubrum* 1993 with Philbrick

*Noveloa longifolia* 1995 with Philbrick

*Podostemum irgangii* 2001 with Philbrick

*Podostemum ovatum* 2004 with Philbrick

*Vanroyenella plumosa* 1993 with Philbrick

## HONORS

*Noveloa* Philbrick 2001 (Podostemaceae)

## LINKS

[Luis Alejandro Novelo Retana \(1951–2006\) \(scielo.org.mx\)](http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0187-71512007000200001) See [http://www.scielo.org.mx/scielo.php?script=sci\\_arttext&pid=S0187-71512007000200001](http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0187-71512007000200001). **(spanish)**

# Luis Arturo Soto

June 29, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Luis Arturo Soto Gonzalez, Mexican marine ecologist (Ciudad de Mexico 12 September 1946 –

## SOME BIBLIOGRAPHY

With D.L. Salcedo & J.B. Paduan. Trophic structure of the macrofauna associated to deep-vents of the southern Gulf of California: Pescadero Basin and Pescadero Transform Fault. PLoS One 14(11), 2019

With G. Lanza Espino. C:N:P molar ratios, sources and <sup>14</sup>C dating of surficial sediments from the NW slope of Cuba. PLoS One (2015)

Stable carbon and nitrogen isotopic signatures of fauna associated with the deep-sea hydrothermal vent systems of Guaymas Basin., Gulf of California. Deep Sea Res. Part II. Topical Studies on Oceanography 56(19):1675-82, 2009

With L. Sanvicente-Añorve, M.L. Espinosa Fuentes & C. Flores Coto. Relationship patterns between ichthyoplankton and zooplankton: a conceptual model. Hydrobiologia 559:11-22, 2006

With G. Lanza Espino. Sedimentary geochemistry of hydrothermal vents in Guaymas Basin, Gulf of California, Mexico. Appl. Geochem. 14(4):499-510, 1999

With C. Rosas, E. Martínez, G. Gaxiola, R. Brito & A. Sanchez. The effect of dissolved oxygen and salinity on oxygen consumption, ammonia excretion and osmotic pressure of *Penaeus setiferus* (Linnaeus) juveniles. J. Exper. Marine Biol. Ecol. 234:41-57, 1999

With S. Manickhand-Heileman & e. Escobar. A preliminary trophic model of the continental shelf, South-Western Gulf of Mexico. Estuar. Coastal Shelf Sci. 46(6):885-99, 1998

With S. Manickhand-Heileman, F. Arreguín Sanchez & A. Lara Domínguez. Energy flow and network analysis of the Terminos Lagoon, SW Gulf of Mexico. J. Fish Biol. 53:179-97, 1998

With E. Escobar. Continental shelf benthic biomass in the western Gulf of Mexico. Cont. Shelf Res. 17(6):585-604, 1997

With E. Escobar, M. Lopez García & M. Signoret. Density and biomass of the meiofauna of the upper continental slope in two regions of the Gulf of Mexico. Ciencias Marinas 23(4):463-89, 1997

With J. Romero, E. Escobar & H.W. Jannasch. A note on mesophilic and extremely thermophilic chitin-decomposing bacteria from Guaymas Basin and 21°N EPR vent sites. Bridge Newsletter 11:24-6, 1996

With E. Escobar Briones & L.A. Cifuentes. Further observations of the isotopic composition of megafauna associated with hydrothermal vents in the Guaymas Basin, Gulf of California. Bridge Newsletter 10:42-4, 1996

Faunal zonation of the deep-water brachyuran crabs in the Straits of Florida. Bull. Mar. Sci. 49(1-2):263-637, 1991

With E. Escobar Briones. Biogeografía de los misidáceos (Crustacea:Peracarida) de Golfo de Mexico. Carib. J. Sci. 27:80-9, 1991

Distribution patterns of deep-water brachyuran crabs in the straits of Florida. J. Crust. Biol. 5(3):480, 1985

With A. Gracia & A.V. Botello. Study of the penaeid shrimp populations in relation to petroleum hydrocarbons in Campeche Bank. Proc. Gulf Carib. Fish inst. 33:100, 1981

Decapod Crustacea shelf-fauna of the Northeastern Gulf of Mexico. An. Centr. Cienc. Mar. Limnol. Univ. Auton. Mexico 7(2):72-110, 1980

Decapod crustacean shelf fauna of the Campeche Bank: fishery aspects and ecology. Gulf Carib. Fish Inst. 32:66-81, 1979

Faunistic study of the deep water brachyuran crabs of the straits of Florida (Crustacea, Decapoda)

## DESCRIBED CRUSTACEA TAXA

### Genus

*Galathocrypta* 2002 with Román Contreras

### Species

*Galathocrypta acaudata* 2002 with Román Contreras

*Heteromysis mexicana* 1990 with Escobar Briones

*Podoceropsis grasslei* 2007 with Corona

*Taphromysis villalobosi* 1988 with Escobar Briones

## HONORS

*Sotoplax* Guinot 1984 (Crustacea)

# Luis de la Peña Auerbach

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Fernando de la Peña Auerbach, Mexican theoretical physicist (Texmelucan, Puebla State 23 July 1931 –

Authored over 100 papers and 10 books

A world pioneer in stochastic interpretation of quantum mechanics

Proposed and developed a formalism of stochastic mechanics that allows proper distinction between classical and quantum stochastic processes

Made central contributions to stochastic electrodynamics being invited to write the book *The Quantum Dice: An Introduction to Stochastic Electrodynamics* (1996)

With A.M.Cetto. Simple relationship between energy and adiabatic invariants for systems with a power-law potential. *Am. J. Physics* 52:539-42, 1984

New formulation of Stochastic Theory and Quantum Mechanics. *J. Math. Phys.* 10:1620-30, 1969

A simple derivation of the Schroedinger equation from the theory of Markoff processes. *Phys. Lett.* 24A: 603-4, 1967

# Luis Enrique Pierini

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Enrique Pierini, Italian-born Argentine dermatologist (Montecassiano, Macerata, Ancona Province 03 July 1899 – Buenos Aires 17 July 1987)

Described Pasini-Pierini atrophoderma

With D. Vivoli. Atrofodermia idiopatica progressiva (Pasini). Giorn. Ital. Mal. Vern. Pelle 77:403-9, 1936

Described melanotic prurigo or Pierini-Borda prurigo

With J. M. Borda. Prurigo melanótico. Rev. Arg. Dermat. 3:32, 1947

Developed histamine test for diagnosis of leprosy

Reacciones cutaneas de la histamine en dermatosis diversas. La Semana Medica 18:1159, 1931

# Luis Enrique Ruiz Terán

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Enrique Ruiz-Terán, Venezuelan botanical explorer and pharmacist (Mucuchíes, Rangel District, Mérida 10 June 1923 – Mérida 18 February 1979)

## DESCRIBED PLANTAE SPECIES

*Carramboa wurdackii* 1976 with López Figueras

*Justicia odonellii* 1976 with De Marco

*Libanothamnus griffinii* 1976 with López Figueras

*Monticalia masonhalei* 1981 with López Figueras

*Ruilopezia cuatrecasasii* 1974 with López Figueras

*Ruilopezia lopez-palacii* 1976 with López Figueras

## HONORS

*Ruizanthus* Schuster 1978 (Hepaticae)

*Ruizterania* Marcano-Berti 1969 (Vochysiaceae)

*Ruilopezia* Cuatrecasas 1976 (Asteraceae)

Ruizgenin, a steroidal sapogenin diol

# Luis Felipe Rodríguez

May 2, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Felipe Rodríguez Jorge, Mexican radio astronomer (Merida, Yucatán State 29 May 1948 –

From Lebanese-descent mother

Authored over 300 papers with more than 20,000 citations (two of his papers were cover of Nature)

## ACHIEVEMENTS

Discovered high velocity bipolar outflows in regions of star formation (1980)

Detected neutral hydrogen in planetary nebulae (1982)

Discovered the mechanism that powers Herbig-Haro objects (1981 & 1985)

Obtained evidences of protoplanetary disks in young stars (1986, 1992, 1996 & 1998)

Discovered the first source with superluminal motions in Milky Way (1994)

With F. Mirabel established the concept of micro-quasars (1992)

Presented detailed ionization structure models of gaseous nebulae, for different electron densities and ionizing radiation fields

With M. Peimbert & S. Torres Peimbert. Ionization structure of gaseous nebulae: sulphur, nitrogen and helium. Rev. Mex. Astron. Astrofis. 1:129, 1974

## HONOURS/OFFICES

President of Radioastronomy Division, International Astronomical Union (2003–6)

Bruno Rossi Prize, American Astronomical Society (1996)

Robert J. Trumpler Prize, Astronomic Society of the Pacific for his thesis Radio recombination line observations of the ionized gas in the galactic center (1978)



# Luis Jorge Poveda

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Jorge Poveda Alvarez, Costa Rican botanist and plant chemist (Turrialba 06 December 1945 –

Authored over 70 scientific works

## DESCRIBED PLANTAE SPECIES

*Caryodaphnopsis burgeri* 1988 with Zamora

*Coccoloba bejuco* 1991 with Sanchez

*Copaifera camibar* 1989 with Zamora & Sanchez

*Croton corinthius* 2003 with Gonzalez

*Croton megistocarpus* 2003 with Gonzalez

*Eugenia glandulosopunctata* 1986 with Sanchez

*Ficus lasiosyce* 2003 with Gonzalez

*Guettarda turrialbana* 1988 with Zamora

*Hoffmannia stephaniae* 2004 with Gonzalez

*Hymenaea osanigraseminae* 2018 with Aguilar & Santamaria

*Inga coprocarpa* 1991 with Zamora

*Jatropha costaricensis* 1978 with Webster

*Krugiodendron acuminatum* 2003 with Gonzalez

*Pouteria lecythidicarpa* 1991 with Sanchez

*Roldana scandens* 1992 with Kappelle

*Sclerolobium costaricense* 1991 with Zamora

*Unonopsis theobromifolia* 1988 with Zamora

*Verbesina tapantiana* 1990 with Hammel

## HONORS

*Povedadaphne* Burger 1988 (Lauraceae)

# Luis Peña Guzmán

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Enrique Peña Guzmán, Chilean entomologist (Santiago 25 January 1921- Santiago 27 September 1995)

Authored 350 papers

Collected and discovered many new species of insects, amphibians, reptilians, arachnids, birds and fossils in South America

## DESCRIBED ANIMALIA TAXA

### Coleoptera Genera

*Australocerambyx* 1971

*Epipodonta* 1974

*Eunycterinus* 1971

*Paranycterinus* 1971

*Ulumoides* 1974

Another genus 1963

### Species

More than 100 between species between Coleoptera & Lepidoptera

### Aves

### Subspecies

*Asthenes humicola goodalli* 1989 with Marin & Kiff

*Diuca diuca chiloensis* 1964 with Philippi

*Geositta rufipennis harrisoni* 1989 with Marin & Kiff

## HONORS

*Luispenaia* Martínez 1972 (Coleoptera)

*Penacoris* Carvalho & Rosas 1966 (Hemiptera)

*Penaia* Freytag & DeLong 1971 (Hemiptera)

*Penaincisalia* Johnson 1990 (Lepidoptera)

*Penapis* Michener 1965 (Hymenoptera)

*Penaphlebia* Peters & Edmunds 1972 (Ephemeroptera)

*Penaus* Freude 1968 (Coleoptera)

*Luchoelmis* Spangler & Staines 2002 (Coleoptera)

# Luis Sanchez Bulnes

June 29, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Luis Sanchez Bulnes, Mexican ophthalmologist (1908 – ?)

With A. Dalma. Surgical treatment of retinal detachment. New developments in the technique of radial scleral resections. *Am.J. Ophthalmol.* 61(5Pt2):1038-44, 1966

Developed the technique of radial scleral resections (1960)

With S. Diez Gutierrez & A. Flores Hintz. The present status of surgery for retinal detachment. A new operative technique. *Am. J. Ophthalm.* 50:441-51, 1960

With R. Figueroa. Resection sclerale lamellaire radicaire. *Ar. As. P. Ev. Ceg. Mexico* 2(1):271-88, 1957

Tecnica para la corrección del ectropión senil. *Arch. Ceguera Mexico* 2:125-35, 1944

A new technique in the treatment of glaucoma (anterior combined cyclodyalisis). *Anales Soc. Mex. Oft. Otorinol.* 16:33-5, 1941

# Luis Sanchez Varona

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Sanchez Varona y Calvo, Cuban vertebrate zoologist and paleontologist (La Habana 03 September 1923 – La Habana 15 July 1989)

## DESCRIBED VERTEBRATE TAXA

### Mammalia

#### Living (Valid)

##### Genus

*Mesocapromys* 1970

##### Species

*Capromys gundlachianus* 1983

*Mesocapromys angelcabrerai* 1979

*Mesocapromys auritus* 1970

*Mesocapromys sanfelipensis* 1970 with Garrido

*Mysateles garridoi* 1970

*Mysateles meridionalis* 1986

##### Subspecies

*Capromys pilorides doceleguas* 1980

### Fossil

##### Genus

*Cubanocyon* 1974 with Arredondo

##### Species

*Capromys antiquus* 1979 with Arredondo

*Capromys arredondoi* 1984

*Capromys barbouri* 1979 with Arredondo

*Capromys beatrizae* 1979 with Arredondo

*Capromys delicatus* 1979 with Arredondo

*Capromys gracilis* 1979 with Arredondo

*Capromys jaumei* 1979 with Arredondo

*Capromys kraglievichi* 1979 with Arredondo

*Capromys latus* 1979 with Arredondo

*Capromys minimus* 1979 with Arredondo

*Capromys pappus* 1984

*Capromys robustus* 1979 with Arredondo

*Capromys silvai* 1979 with Arredondo

*Cubanocyon transversidens* 1974 with Arredondo

*Geocapromys megas* 1979 with Arredondo

*Metaxytherium riveroi* 1972

### Reptilia

#### Species

*Crocodylus antillensis* 1966

# Luis Santaló

June 29, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Luis Antoni Santaló Sors, Spanish-born Argentine geometer (Girona, Catalunya 09 October 1911 – Buenos Aires 22 November 2001)

Regarded internationally as founder of modern integral geometry and one of greatest geometers of the 20<sup>th</sup> century

Authored over 150 papers

Authored 25 books between them *Vectores y Tensores* (1961) and *Integral Geometry and Geometric Probabilities* (1976)

Invited Lecturer, International Congress of Mathematicians (1950)

## ACHIEVEMENTS

With Chern regarded as founder of hyperbolic integral geometry

Introduced kinetic density for sets of geodesies on two-dimensional surfaces

Introduced affine unimodular invariant (1958)

Obtained integral formulas for a two-dimensional Riemannian space of negative constant curvature

Laid the mathematical foundations for the creation of stereology

Introduced convex sets by horospheres

Proposed a definition for absolute total curvatures of a Euclidean space closed subset

Solved the problem of one-dimensional foliations in a Riemann variety

## CONTRIBUTIONS

A new affine invariant plane and solid convex bodies. *Math Notae* 16:78-91, 1958

Some integral formulas and a definition of q-dimensional area for a set of points. *Rev. Univ. Nac. Tucumán* 7:271-82, 1950

An affine invariant for convex bodies in n-dimensional space. *Portugaliae Math.* 8:155-61, 1949

An affine invariant for closed convex plane curves. *Math. Notae* 8:103-11, 1948

Some integral formulas referring to convex bodies. *Rev. Un. Mat. Arg.* 12:78-87, 1946

A theorem on conformal mapping. *Math. Notae* 5:29-40, 1945

An integral formula concerning convex figures. *Rev. Uni. Mat. Argentina* 8:165-91, 1942

A theorem and an inequality referring to rectifiable curves. *Amer. J. Math.* 63:635-44, 1941

A theorem on sets of parallelepipeds with parallel edges. *Publ. Inst. Mat. Univ. Nac. Litoral* 2:49-60, 1940

## EPONYMY

Blaschke-Santaló inequality

Blaschke-Chern-Santaló theorem

Santaló bodies

Santaló conjecture on convex sets

Santaló K point

Santaló point of a function

Santaló formula

## LINKS

<http://www.fceia.unr.edu.ar/secyt/apuntes/Santalo/Santalo.htm>

# Luis Sodiro

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Aloysius (Luis) Sodiro, Italian-born Equatorian Jesuit and botanist (Vicenza 29 May 1836 – Quito 15 May 1909)

Described the section *Polytrichia* (1894), 743 plant species and 93 varieties

## HONORS

Subg. *Sodiroa* Luer 1978 (Orchidaceae)

# Luis Vargas

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Daniel Luis Vargas García, Mexican medical entomologist (Ciudad de Mexico 03 January 1908 – Ciudad de Mexico 1994)

Authored 262 works between them Simulidos del Nuevo Mundo (1945) with international repercussion

With G. Román y Carrillo & L. Vargas. New technics for studying the susceptibility of arthropods to persistent insecticides. I. Tests with four Mexican anopheline species raised in the laboratory, based on the definitive knock-down of the specimens. Rev. Inst. Salubr. Enferm. Trop. 19:19-65, 1959

Instrument for facilitating the calculation of larvicides applied to streams. Rev. Inst. Salubr. Enferm. Trop. 20:41-3, 1960

## DESCRIBED TAXA

### Diptera

#### Genera/Subgenera

- Anilomyia* 1960
- Beltranmyia* 1953
- Callotia* 1972 with Kremer
- Diphaomyia* 1960
- Downsiomyia* 1950
- Drymodesmyia* 1960
- Dyarella* 1946 with Díaz Najera & Martinez Palacios
- Eubonetia* 1953 with Díaz Najera
- Forattiniella* 1978
- Glaphiromyia* 1960
- Grenieriella* 1951 with Díaz Najera
- Hearlea* 1946 with Díaz Najera & Martínez Palacios
- Kummyia* 1950
- Lanea* 1946 with Martinez Palacios & Díaz Najera
- Mallochianella* 1948 with Díaz Najera
- Mataemyia* 1960
- Missirolimyia* 1950
- Neosimulium* 1946 with Díaz Najera & Martinez Palacios
- Russellia* 1943
- Wirthomyia* 1973

### Species

About 100

### Hemiptera

#### Genus

- Parahesperoctenes* 1947 with Hoffman

### Siphonaptera

#### Species

- Jellisonia ortizi* 1951
- Kohlsia fourrieri* 1951
- Orchopeas reevesi* 1960
- Polygenes martinez-baezi* 1951
- Polygenes rozeboomi* 1952
- Polygenes vazquezi* 1951

### Acari

- Amblyomma castanedai* 1952 with A. Hoffmann

# Luis Vargas Fernandez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Vargas Fernandez, Chilean physiologist and diabetologist (10 June 1912- 29 September 2011)

Authored 190 papers and 4 books

Demonstrated that subcutaneous implants of zinc-insulin protamine presented a better glycemic control

Developed a method for measuring stimulating hormone of melanocytes

With Randle and Taylor described human serum transferrin a plasmatic antagonist of insulin and mediating agent of growth hormone (1960)

With C.H. Faermann P. and P.A. Karplus patented the utilization of human serum transferrin for control of insulin levels US5849293 (1998)



# Luis Zambrano Molina

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luis Zambrano Molina, Venezuelan inventor (Rivas Davila, Merida State 01 May 1901 – Tovar, Merida State 15 August 1990)

## INVENTIONS (about 50)

600 amp generator used to solder 3/8 rods (1938)

A large lathe with 13 different thread sizes

A strawberry peeler

A foundry with its own furnace (1948)

20 electric heat generating turbines

5 coffee driers

A machine used to dry sewage for fertilizers

A dual effect turbine with 4 outputs and zero axial effect

3 forklift ropeways with turbines and a carrying capacity of half a ton over a half a mile

A garlic sorting, cleaning and sifting machine

A bicycle-powered grinder for grains and bones

A vertical drill adapted from a car engine (1924)

Propulsion engines

A rotating centrifugal engine or reaction turbine (Turbozam engine)

Carrot, fruits and vegetables peelers

A prototype of aquatic vehicle

A mechanical process for changing petrol engines

A device to bloat car tires

A 9 shot 44 bore rifle (1920s)

# Luiz Cintra do Prado

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luiz Cintra do Prado, Brazilian engineer and physicist (Amparo, São Paulo State 16 December 1904 – São Paulo 28 February 1984)

Composed some pieces for piano

Introduced a number of original contributions to measurement's technique

A radioatividade das fontes hidrominerais (1938)

Sobre uma fórmula simples e precisa para as correções barométricas. An. Acad. Bras. Cien. 13 (1941)

Un nomogramme pour l'hygrometrie. Anais acad. Bras. Ciencias 16(3):181-4, 1944

An exponential form for the hereditary function in the termo-dielectric phenomenon. Anais Acad. Brasi. Ciencias 28(2):149-60, 1946

## HONOURS

Marquis World Who's Who (1979-80)

# Luiz de Queiroz Orsini

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Luiz de Queiroz Orsini, Brazilian electrical engineer (Rio de Janeiro 10 September 1922 – São Paulo 20 January 2018)

With R.H. Mazzilli. Sudden increase in the ionosphere F2 region ionization associated with solar flares. *Nature* 193:462, 1962

## DEVELOPED

With R.V. Camargo. An electrolytic tank to the study of circuits and fields (1952)

With A.H. Guerra Vieira. Realização de um radio-interferômetro para a localização de fontes extra-terrestres. *An.Acad. Bras. Ciências* 30:299-06, 1958

Método simples para a medida de pequenas capacitâncias. *Eletricidade* 2(9):8-9, 1959

With J. Angerami. Description of an anti-interference filter for the C3 ionosonde. *Nota prévia. CERF* 5 (1961)

## HONOURS

Life Member, IEEE (1998)

His uncle, Olyntho Orsini de Castro, dermatologist (Sabará, Minas Gerais State 06 October 1891 – Belo Horizonte 07 June 1970)

Described the formes frustes of pemphigus later known as Senear-Usher syndrome

Contribuição ao estudo do pênfigo foliáceo (1927)

# Luiz de Rezende Puech

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luiz Manuel de Rezende Puech, Brazilian orthopedist (São Paulo 28 May 1884 – São Paulo 04 January 1939)

Designed a method for the treatment of paralytic talipes calcaneus

## SOME BIBLIOGRAPHY

Tabes dorsalis et tabes combine. Arch. Bras. Psych. Neurop. Scien. Aff. 2(1): 58-97, 1906

Ginecologia e alienação mental. Arch. Bras. Psych. Neurop. Scien. Aff. 3-4: 352-76, 1907

Algumas deformidades congênitas. Annaes Paul. Med. Cir. 3(2-4), 1915

Atestados de óbito. Annaes Paul. Med. Cir. 277-83, 1919

Osteocondrite deformante infantil. Bras. Med. 141, 1921

A moléstia de Heine-Medin e suas paralyrias residuais: conceito atual, etiológico, patológico e clínico. Annaes Paul. Med. Cir., 1924

O problema da luxação congênital do quadril no Brasil (1937)

Contribuição ao estudo da coxa plana

# Luiz Hildebrando Pereira da Silva

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luiz Hildebrando Pereira da Silva, Brazilian parasitologist (Santos, São Paulo State 16 September 1929 – São Paulo 24 September 2014)

Considered as one of world's foremost authorities on malaria

Authored over 120 scientific works being 80 of them about malaria

Studied molecular biology of *Plasmodium* sp.

Described genetic regulation of regulator genes

With H. Eisen, P.H. Brachet & F. Jacob. Regulation of repressor expression in bacteriophage. I. Proceed. Natl. Acad. Sciences 66:855-62, 1970

Described the role of chemotactic agents as cell differentiation inducers

With M. Darmon & P.H. Brachet. Chemotactic signals induce cell differentiation in *Dictyostelidium discoideum*. Proceed. Natl. Acad. Sciences 72:3163-66, 1975

# Luiz Manoel Pinto de Queiroz

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luiz Manoel Pinto de Queiroz, Brazilian industrial chemist and pharmacist (Campos dos Goytacazes, Rio de Janeiro State ? – São Paulo 31 March 1933)

## BRAZILIAN PATENTS

Processo de fabricação de café concentrado, denominado café concentrado Queiroz (1899)

Aplicação da fibra da planta *Hibiscus tiliaceus* a fabricação de tecidos cordoaria, etc. (1903)

With Octavio Pacheco Silva. Nova aplicação dos vegetais *Hibiscus tiliaceus*, *Aristida pollens*, *Gossypium*, *Musa paradisíaca textilis* e *Cecropia palmata* para obtenção de celulose, pasta de papel, filtros e tecidos (1905)

Adubos aperfeiçoados polysu (1908)

Um aparelho aperfeiçoado para gerar gases formicidas (1919)

# Luiz Padilha de Quadros

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Luiz Padilha de Quadros, Brazilian micropaleontologist and biostratigrapher (Rio de Janeiro 01 August 1939 –

With J.H.G. Melo. Método prático de preparação palinológica em sedimentos do pré-mesozóico. Bol. Geoc. Petrobras 1:205-14, 1987

## Genera

*Chapadella* 1981

*Citrocalculus* 1971 with Troelsen

*Focusphaera* 1986

*Jandiatubaites* 1986

*Limaïtes* 1986

*Polyedrina* 1986

*Petrobrasiella* 1971 with Troelsen

*Petrovina* 1997 with Loboziak, Melo & Streel

*Pseudomaranhites* 1996

*Pyloferites* 1999

*Sommerochitina* 1985 with Costa

*Tinacula* 1999

*Trilobus* 1999

## Species

*Apiculatisporis paranaensis* 1995 with Marques-Toigo & Cazzullo-Klepzig

*Baltisphaeridium colonialis* 1999

*Braarudosphaera batiliformis* 1971 with Troelsen

*Braarudosphaera minuta* 1971 with Troelsen

*Braarudosphaera styliifer* 1971 with Troelsen

*Chapadella mendesi* 1981

*Comasphaeridium daemoni* 2002

*Cymbosphaeridium armatus* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Dictyotidium souzae* 2002

*Divetipellis tianguaense* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Eupoikilofusa striatospinata* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Focusphaera elongata* 1986

*Gorgonisphaeridium amazonensis* 1986

*Hayella gauliformis* 1971 with Troelsen

*Jandiatubaites cubus* 1986

*Leiofusa bisubulata* 1984 with Brito

*Limaïtes flagellata* 1986

*Micrhystridium celsum* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Micrhystridium toigae* 2002

*Microhabdulus primitivus* 1971 with Troelsen

*Multiplicisphaeridium apparatus* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Navifusa monoafilata* 1999

*Oppilatala biscula* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Petrobrasiella venata* 1971 with Troelsen

*Petrovina connata* 1997 with Loboziak, Melo & Streel

*Polyedrina magnifica* 1986

*Protoleiosphaeridium britoi* 1986

*Pseudolunulidia laevigata* 1985 with Brito

*Pseudolunulidia micropunctata* 1985 with Brito

*Pseudomaranhites densus* 1996

*Pteroverricatus granomarginata* 2001 with Le Herissé, Melo, Grahn & Steemans 2001

*Pyloferites pentagonalis* 1999

*Tasmanites bilabiatus* 1999

*Thymospora criciumensis* 1995 with Marques Toigo & Cazzulo-Klepzig

*Tinacula simplex* 1999

*Trilobus expansus* 1999

*Umbellaspheeridium anomalum* 1999

*Villosacapsula herinacea* 2001 with Le Herissé, Melo, Grahn & Steemans 2001



# Luiz Rachid Trabulsi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Luiz Rachid Trabulsi, Brazilian microbiologist (Vargem Grande, Maranhão State 18 August 1927 – São Paulo 05 June 2005)

Internationally recognized as expert on Enterobacteriae

## ACHIEVEMENTS

### Methods/Discoveries

Developed Trabulsi-Ewing Sodium Acetate Agar

With W.H. Ewing. Sodium acetate medium for the differentiation of Shigella and Escherichia cultures. Pub. Health Lab. 20:137-40, 1962

Developed other culture media

With M.R.F. Toledo & C.F. Fontes. Uma modificação do meio de Rugai e Araújo para a realização simultânea dos testes de produção de gás a partir de glicose, H<sub>2</sub>S, uréase e triptofano desaminase. Rev. Microbiol. 13:309-15, 1982

With M.R.F. Toledo & C.F. Fontes. Um meio para a realização dos testes de motilidade, indol e lisina descarboxilase. Rev. Microbiol. 13:230-5, 1982

With Heriberto J. Fernandez first demonstrated that *Campylobacter jejuni* could be toxigenic

With H. Fernandez, U. Fagundes Neto, F. Fernandes & M.A. Pedra. Culture supernatants of *Campylobacter jejuni* induce a secretory response in jejunal segments of adult rats. Infect. Immun. 40:42931, 1983

With H. Fernandez, M.R.F. Toledo & U. Fagundes Neto. Aislamiento de *Campylobacter jejuni* em niños com diarreia aguda y controles sanos. Rev. Med. Chile 112:238-41, 1984

Demonstrated that diagnosis of intestinal infection caused by enteropathogenic *Escherichia coli* may be accomplished via immunofluorescence

With M. C. Sampaio developed a vaccine for acute diarrhea (2000s)

### New serotypes

Demonstrated that *Salmonella pullorum* and *Salmonella gallinarum* must be regarded as distinct serotypes

With P. R. Edwards. The differentiation of *Salmonella pullorum* and *Salmonella gallinarum* by biochemical methods. Cornell Vet. 52:563-9, 1962

With A.F. Pestana, A. Campedelli Filho & C. Troice. Isolation of three new serotypes of *Erysipelothrix rhusiopathiae*. Rev. Microbiol. 2, 1970

With J.A. Serrano, M.R. F. Toledo & M.E. Zuliani described various serotypes of enteroinvasive *Escherichia coli*

With R.J. Gross, L.V. Thomas, T. Cheasty, N.P. Day, B. Rowe & M.R.F. Toledo. Enterotoxigenic and enteroinvasive *Escherichia coli* strains belonging to a new O group, O167. J. Clin. Microbiol. 17:521-3, 1983

With Maria Elisa Juliani & José Antonio Serrano. On two new enterobacteria pathogenic to the guinea pig eye (cultures 185T-64 and 193T-64). Rev. Inst. Med. Trop. s. Paulo 7(4):241-6, 1965

With Maria Regina Ferraz Fernandes. A new *Escherichia coli* serotype causing experimental keratoconjunctivitis in the guinea pig (culture 412-DEC-1966) (Preliminary report). Rev. Inst. Med. trop. S. Paulo 9(1):62, 1967

## MEMBERSHIP

General Society for Microbiology (1970-8)

New York Academy of Sciences (1971-6; 1992-)

**HONORS**

*Trabulsiella* McWhorter, Haddock, Nocon, Steigerwalt, Brenner, Aleksic, Bockemühl & Farmer 1991 (Enterobacteria)

# Luiz Reynaldo de Figueiredo Walter

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Luiz Reynaldo de Figueiredo Walter, Brazilian pediatric dentist (1934 – Londrina, Paraná State 26 July 2016)

One of founders of Bebê Clínica (1984), whose service model was adopted in United States and other South American countries

First report of ulcerative lesions on the tongue caused by other primary teeth instead of incisors

With C.C. Dezan, K. Weber-Gasparoni, J.P.M. Sangiorgio, B. Nogari & K.B.P. Fernandes. Sublingual traumatic ulcerative lesions caused by the eruption of first primary mandibular molars: a case report. *Int. J. Morphol.* 29(4), 2011

Ameloplastia – uma técnica alternativa para remoção de manchas da estrutura adamantina (2001)

With A. Ferelle & P. Christino Neto. Dispositivo confeccionado em silicone para isolamento relativo da região antero-superior de bebês. *J. Bras. Odontoped. Odontol. Bebê* 2(8):279-82, 1999

With C.C. Dezan & M.M. Mello. A new behavioral classification for children underage 30 months. *J. Dental Res.* 76:970, 1997

## DEVELOPED

With R. Alcantara. Nanostructured bioactive restorative material based on mineral trioxide for the atraumatic restorative technique in public health (2007)

Microscope adaptation for hard tissue cutting device (2006)

With A. Ferelle & W. Marques. Dried safluoride (2005)

Massage gel and gingival hygiene (2001)

Low fluoride tooth gel (2001)

Smart toothbrush (2001)

With A. Farias, A. Ferelle & P. Gomes. Macri, a children stretcher (1986) improved in 1995 and with a collapsible version (2003)

Atraumatic restorative treatment enabling the use of alternative restorative materials (2007)

Safluoride di Walter (1993), a cariostatic agent

## BRAZILIAN PATENTS

Disposição introduzida em portabebê MU7800227-3 U2 (1998)

With P. Bignelli, A.L.M. Terreri, M.F.C. Konishi & D.H.T. Andrade. Escova dental para crianças de baixa idade MU7602206-4 U2 (1996)

With P. Bignelli, A.L.M. Terreri, M.F.C. Konishi & D.H.T. Andrade. Escova muco-dental e buco-dental específicas para bebês e crianças de baixa idade PI9604425-0 B1 (1996)

# Luiz Roberto Tommasi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Luiz Roberto Tommasi, Brazilian oceanographer (São Paulo 30 April 1931 – São Paulo 05 May 2023)

With K. Silberschmidt obtained the transmission of a Malvaceae plants virus to a Solanaceae plant (1957)

## DESCRIBED VALID MARINE TAXA

### Echinodermata

#### Genus

*Nudamphiura* 1965

#### Species

*Amphilepis nuda* 1976

*Amphilepis teodora* 1974 with Abreu

*Amphioplus* (*Amphioplus*) *brasiliensis* 1970

*Amphioplus fapespae* 1969

*Amphioplus lucyae* 1971

*Amphioplus mathildae* 1974 with Abreu

*Amphiura deichmanni* 1965

*Amphiura iraciae* 1976 with Oliveira

*Amphiura rosae* 1976 with Oliveira

*Anthophiura dilatata* 1976

*Astropyga nuptialis* 1958

*Gymnophiura concava* 1976

*Nudamphiura carvalhoi* 1965

*Ophiacantha brasiliensis* 1974 with Abreu

*Ophiacantha savagica* 1976

*Ophioderma besnardi* 1970

*Ophioderma divae* 1971

*Ophioleptoplax brasiliana* 1974 with Abreu

*Ophiomastus bulufonica* 1976

*Ophiomastus satelitae* 1974 with Abreu

*Ophiomastus tuberculata* 1976

*Ophiomusium anaelisae* 1974 with Abreu

*Ophiothamnus dupla* 1976

*Ophiothrix ailsae* 1970

*Ophiothrix trindanensis* 1970

*Psolus marcus* 1971

*Psolus vitoriae* 1971

*Thandarum manoelina* 1971

*Theodoria madseni* 1976

*Thyone montoucheti* 1971

*Thyone pawsoni* 1972

#### Subspecies

*Holothuria* (*Vaneyothuria*) *lentiginosa brasiliensis* 1976 with Oliveira

#### Pisces

*Leptocephalus humbermariorum* 1960

**Pogonophora**

*Siboglium besnardi* 1970

*Siboglium nonatoi* 1970

# M G Ramdas Menon

May 2, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Mannoore Gopala Ramdas Menon, Indian entomologist (Ernakulum District, Kerala State 01 March 1913 – Trichur, Kerala State 28 February 1990)

## DESCRIBED GENERA

### Hemiptera

*Basuaneura* 1971 with Ramakrishna

*Cassianeura* 1971 with Ramakrishna

*Ceratopemphigiella* 1958 with Pawar

*Duttaella* 1971 with Ramakrishna

*Erythroneuropsis* 1973 with Ramakrishna

*Indianella* 1973 with Ramakrishna

*Kodaikanalia* 1973 with Ramakrishna

*Kybos* 1972 with Ramakrishna

*Murreeana* 1971 with Ramakrishna

*Pruthius* 1972 with Ramakrishna

*Pusaneura* 1971 with Ramakrishna

*Pusatettix* 1971 with Ramakrishna

*Ratburella* 1973 with Ramakrishna

*Sabourasca* 1972 with Ramakrishna

*Spatulostylus* 1973 with Ramakrishna

*Sundara* 1972 with Ramakrishna

*Viridasca* 1972 with Ramakrishna

*Zyginopsis* 1973 with Ramakrishna

### Hymenoptera (with Farooqi)

*Parapilkhanivora* 1973

*Pilkhanivora* 1973

### Acari (with Ghai)

*Indodromus* 1969

*Indoseius* 1970

## SPECIES

About 75 (including Embioptera)

## HONORS

*Menonia* George 1936 (Orthoptera)

*Ramdasoma* Narendran 1994 (Hymenoptera)

*Ushamenona* Malhotra & Sharma 1974 (Hemiptera)

# M.V. Arunachala Sastry

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Munikoti Venkatesaiah Arunachala Sastry, Indian paleontologist and stratigrapher (Bangalore 23 November 1922 – 31 October 2005)

## DESCRIBED NEW TAXA

### Foraminifera

#### Species

*Ammodiscus uttaturensis* 1960 with Sastry

*Anomalina indica* 1960 with Sastry

*Halophragmoides glaessnerai* 1966 with Sastry

*Lenticulina raoi* 1966 with Sastry

*Praeglobotruncana blanfordiana* 1972 with Mamgain

*Praeglobotruncana kallakkudiensis* 1972 with Mamgain

*Rectogumbelina nagappai* 1966 with Sastry

*Vaginulina delicatula* 1966 with Sastry

*Valvulineria ramaraoi* 1966 with Sastry

### Ostracoda (with Mamgain 1972)

*Aysegulina indica*

*Brachycythere indiana*

*Brachycythere pallakaveriensis*

*Brachycythere punctata*

*Brachycythere sillakkudiensis*

*Bythocypris dentifera*

*Bythocypris naraiyurensis*

*Cythereis indiana*

*Cythereis kattuppirangiyamensis*

*Cythereis reticulata*

*Cytherella kallarensis*

*Cytherelloidea naraiyurensis*

*Cytherelloidea sillakkudiensis*

*Cytherelloidea tricarinata*

*Haplocytheridea nallampattuensis*

*Loxoconcha indiana*

*Loxoconcha sillakkudiensis*

*Macrocypris elongata*

*Paracyprideis chokkanathapuramensis*

*Veenia reticulata*

### Cnidaria

*Calamophyllia miocenica* 1955 with Sahni

*Calamophyllia quilonica* 1955 with Sahni

### Mollusca

*Metoicoceras stoliczkai* 1967 with Matsumoto

*Rhynchoteuthis wadii* 1965 with Mamgain & Rao

## HONORS

Sastryiceras Chiplonkar, Ghare & Oka 1982 (Fossil Mollusca)

# Maankombu Sambasivan Swaminathan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Maankombu Sambasivan Swaminathan, Indian agronomist and plant geneticist (Thanjavur District, Tamil Nadu State 07 August 1925 – Chennai, Tamil Nadu State 28 September 2023)

Recognized as a world leader on resources conservation and agriculture

Authored 254 papers

Presented a new concept of the species relationship within the tuber-bearing *Solanum* in his PhD thesis, University of Cambridge (1952)

Found genetic relationships between a number of wheat and rice strains

Elucidated the role of infection in heredity

Standardized techniques for overcoming interspecific incompatibility barriers

Showed the potato as an autotetraploid

With N.E. Borlaug developed rice and wheat varieties

Played a role in the development of the world's first high-yielding basmati

Authored 12 papers in Nature

## HONOURS

Albert Einstein World Award of Science (1986)

World Food Prize (1987)

Genus *Swaminathania* Loganathan & Nair 2004 (Bacteria)



# Madabusi Santanam Raghunathan

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Madabusi Santanam Raghunathan, Indian mathematician (Anantapur, Andhra Pradesh State 11 August 1941 –

One of the world's leading researchers in algebraic groups and their discrete subgroups

Authored the Book Discrete Subgroups of Lie Groups (1972) a standard reference work in the area

Solved Selberg conjecture for non-uniform lattices

Invited Lecturer, International Congress of Mathematicians (1970)

## EPONYMY

Raghunathan vanishing theorem

Raghunathan conjectures

Raghunathan criterion

Lubotzky-Mozes-Raghunathan theorem

Prasad-Raghunathan theorem

Raghunathan lemma

# Madhavan Parameswaran Nayar

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Madhavan Parameswaran Nayar, Indian botanist (Nagercoil, Travancore State 27 January 1932 – Thiruvananthapuram, Kerala State 09 December 2016)

Authored about 250 scientific papers and 25 books

## DESCRIBED PLANTAE TAXA

### Valid Genera (Melastomataceae)

*Neodriessenia* 1977

*Pseudodissochaeta* 1969

*Tayloriophyton* 1968

### Species and others

77 species, 20 varieties and one subspecies

## HONORS

*Nayariophyton* Paul 1988 (Malvaceae)

# Madhu Sudan Rawat

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Madhu Sudan Rawat, Indian palynologist (fl.1963-84)

## DESCRIBED FOSSIL GENERA

### Sporae & Pollen

*Asperitricolporites* 1972 with Venkatachala

*Asterisporites* 1971 with Venkatachala

*Auriculiretisporites* 1973 with Venkatachala

*Caperetripores* 1972 with Venkatachala

*Cauveripollis* 1973 with Venkatachala

*Coneopollis* 1973 with Venkatachala

*Costatipollenites* 1973 with Venkatachala

*Granodiporites* 1963 with Varma

*Iugopollis* 1972 with Venkatachala

*Lacrimapollis* 1973 with Venkatachala

*Maculopores* 1973 with Venkatachala

*Punctodiporites* 1963 with Varma

*Retidiporites* 1963 with Varma

*Tricollareporites* 1973 with Venkatachala

### Fungi

*Foveodiporites* 1963 with Varma

*Psilodiporites* 1963 with Varma

*Striadiporites* 1963 with Varma

# Magdalena Smith-Meyer

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Magdalena Kathrina Petronella Smith-Meyer, South African acarologist (Leeudoringstad, North West Province 09 October 1931 – Pretoria 21 October 2004)

Authored An articial rearing medium for acarid mites. J. Ent. Soc. S.Afr. 29:199, 1967

Developed several techniques for the collection of mites

## DESCRIBED ACARI GENERA

*Adenocolus* 1997 with Ueckermann

*Aequsomatus* 1995 with Ueckermann

*Africanus* 1995 with Ueckermann

*Afrolinotus* 1997 with Ueckermann

*Afromerus* 1990

*Afronobia* 1974

*Afronychus* 1979

*Anoplopalpus* 1997 with Ueckermann

*Brevinychus* 1974

*Bryocopsis* 1974

*Capedulia* 1979

*Coleacarus* 1979

*Costarectus* 1995 with Ueckermann

*Dolichonobia* 1974

*Duplanychus* 1974

*Edella* 1974

*Evertella* 1987

*Krugeria* 1979

*Marainobia* 1974

*Myxonychus* 1960 with Ryke

*Namadia* 1987 with Ueckermann

*Naudea* 1965 with Rodrigues

*Neilstigmaeus* 1995 with Gerson

*Neserella* 1989 with Ueckermann

*Paranandia* 1987 with Ueckermann

*Parapetrobia* 1959 with Ryke

*Peltanobia* 1974

*Peltasellus* 1984 with Ueckermann

*Pilonychiopus* 1969

*Porosus* 1995 with Ueckermann

*Pyelotus* 1992

*Quintalitus* 1989

*Sacotydeus* 1970 with Theron & Ryke

*Scoletoptus* 1992

*Stigmalychus* 1971 with Theron & Ryke

*Tergilatus* 1995 with Ueckermann

*Toronobia* 1987

## Species

More than 700 new species being 181 with E. Ueckermann

## HONORS (Acari)

*Meyernychus* Mitrofanov 1977

*Meyeraepalpus* Smiley-Frost & Gerson 1996

*Meyerella* Baker 1968

*Magdalena* Baker & Tuttle 1994

Subgenus *Meyerius* Van der Merwe 1968

# Mahmoud Salah

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mahmoud Salah el-Din, Egyptian physician and surgeon (06 June 1902 – 1978)

Developed Salah sternal puncture needle (1937)

## SOME BIBLIOGRAPHY

With M. Khalil, M. Nazmi, F.M. Peter & M.H. Betash. Die behandlung der schistosomiasis mit intramuskularen "fuadin injectionen". Deutsche Medizinische Wochenschrift 55:1125-6, 1929

With M. Khalil. The microscopical diagnosis of intestinal schistosomiasis. Trans. Roy. Soc. Trop. Med. Hyg. 23:519, 1930

Sternal puncture: preliminary note. J. Egypt. Med. Assoc. 17:8-16, 1931

The nature of pulmonary lesions in malaria. Arch. Schiffs. u. Tropenhyg. 36:260, 1932

The parasitic entity of *Aegyptianella pullorum* (Carpano, 1928). Arch. Schiffs. u. Tropenhyg. 36:400-7, 1932

Demonstration of the hemopoietic principle. Trans. Roy. Soc. Trop. Med. Hyg. 29:299, 1935

Vitamin A deficiency in jaundice. J. Egypt. Med. Assoc. 23:153, 1940

Ankylostomiasis. Clinical and haematological aspects. Alexandria Med. J., 1959

The bilharzial liver. Alexandria Medic. J. 8:177-94, 1962

With H. Foda & H. Badawi. Circulatory hemodynamics before and after portocaval shunt operation in bilharzial hepatic fibrosis. Am. Heart J. 67(3):295-303, 1964

With A. Hassan. Investigations on the oil of *Chenopodium* and its anthelmintic action. J. Egypt. Med. Assoc.

# Makanji Kalyanji Patel

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Makanji Kalyanji Patel, Indian plant pathologist (Bardoli Gujarat 28 February 1899 – Naysari, Gujarat State 28 February 1967)

Authored over 140 papers

Developed Patel agar for isolating crown-gall bacterium

With Y.S. Kulkarni showed *Dolichos biflorus* (kulthi) as a new host of *Xanthomonas phaseoli* *sojense* (1949)

Described more than 50 bacterial diseases from India

## DESCRIBED DISEASES AND AGENTS

*Alternaria burnsii* 1938 with B.N. Uppal & M. Kamat (alternaria blight of cumint)

*Bremia graminicola* var. *indica* 1948

*Xanthomonas badri* 1950 with Kulkarni & Dhande

*Xanthomonas campestris* pv. *Uppali* (1948) that causes disease of *Ipomoea muricata*

*Xanthomonas desmodii*, a new bacterial leaf spot of *Desmodium diffusum* D.C. Curr. Sci. 18:213, 1949

With L. Moniz & Y.S. Kulkarni first documented *Xanthomonas campestris* pv. *mangiferaeindicae* as causative agent of black spot of mango (1948)

*Xanthomonas phaseoli* var. *indicus* 1946 with B.N. Uppal & B. Nikam (bacterial blight of French beans)

Bacterial leaf spot of *Cyanopsis tetragonaloba*

Bacterial leaf spot of *Amaranthus viridis*

With L. Moniz & B.N. Uppal described *Xanthomonas desmodii-gangeticii* (1948) that causes bacterial leaf spot of *Desmodium gangeticum*

With Y.S. Kulkarni & S.G. Abhyankar. A new bacterial leaf spot and stem canker of pigeon pea. Curr. Sci. 19(12):384, 1950

With Y.S. Kulkarni. A new bacterial leaf spot on *Vitis woodrowii* Stapf. Curr.Sci. 20:132, 1951

With V.V. Bhatt & Y.S. Kulkarni. Three new bacterial diseases of plants from Bombay. Curr. Sci. 20:326-7, 1951

Two new bacterial diseases of plants. Curr.Sci. 21:74-5, 1952

Some new bacterial diseases of plants. Curr. Sci. 21:345-6, 1952

With V.V. Bhatt & G.W. Dhande. A new variety of *Xanthomonas alysicarpi*. Ind. Phytopath. 7:182-3, 1954

With A.C. Padhya. A new bacterial leaf spot on *Alangium lamarckii* Thw. Curr. Sci. 31:196-7, 1962

With A.C. Padhya & W.V. Kotasthane. A new bacterial leaf spot disease on *Bauhinia racemosa*. Curr. Sci. 34:224-5, 1965

With S.G. Desai & A.J. Patel. A new bacterial leaf-spot on *Vernonia cinerea* Less. Scien. Cult. 34:220-1, 1968

# Malur R. Narasimha Prasad

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Malur Ramaswamy Iyengar Narasimha Prasad, Indian reproductive physiologist and comparative endocrinologist (Bangalore, Karnataka 01 May 1923 – Bangalore, Karnataka 07 October 1987)

## SOME BIBLIOGRAPHY

- Effects of intranasal administration of hormonal steroids on serum testosterone and spermatogenesis in rhesus monkey (*Macaca mulatto*). Biol. Reprod. 22:935-40, 1980
- With T. Karkun & M. Rajalakshmi. The maintenance of the epididymis in the castrated golden hamster by testosterone and dihydrotestosterone. Contraception 9:471-85, 1974
- With M. Rajalakshmi, G. Gupta & T. Karkun. Control of epididymal function. J. Reprod. Fertil. Suppl. 18:215-22, 1973
- With S. Mohla. Early action of oestrogen on the incorporation of 3H-uridine in the blastocyst and uterus of the rat during delayed implantation. J. Endocrin. 49:87-92, 1971
- With M. Rajalakshmi. Sites of formation of fructose, citric acid and sialic acid in the accessory glands of the giant fruit bat, *Pteropus giganteus giganteus* (Brunnich). J. Endocrin. 46:413-6, 1970
- With P.R.R.K. Reddy. Hormonal control of the maintenance of spermatogenesis and sexual segment in the Indian house lizard *Hemidactylus flaviviridis* Ruppell. Gen. Comp. Endocrin. 14:15-24, 1970
- With S.P. Singh & M. Rajalakshmi. Fertility control in male rats by continuous release of microquantities of cyproterone acetate from subcutaneous elastic capsules. Contraception 2:165-78, 1970
- With S.P.Kabra. Initiation of spermatogenesis by FSH and testosterone propionate in clomipheae fed rats. Endocrinology 81:965-76, 1967
- With M.K. Sanyal. Reproductive cycle of the Indian house lizard *Hemidactylus flaviviridis* Ruppell. Copeia 627-33, 1967
- With M.B. Kumar, B.I. Sundararaj, P.V. Narasimhan & T.A. K. Venkatasubramanian. Effects of hormones on liver and saccus vasculosus glycogen in *Notopterus notopterus* (Teleostei). Ind. J. Exper. Biol. 4:4-6, 1966
- With G.K. Dhahwal. Cytology and histochemistry of the pituitary gland of the fire-striped palm squirrel. *Funambulus pennanti* (Wroughton). Amer. J. Anat. 117:339-52, 1965
- With S.R.V. Rao. The nuclear sex in the Indian elephant, *Elephas maximus* L. Naturwissenschaften 50:313, 1963
- With B.I. Sundararaj. The histochemistry of the saccus vasculosus of *Notopterus chitala* (Teleostei). Quart. J. Microscop. Sci. 104(4):465-70, 1963
- Changes in the reproductive organs of the male palm squirrel *Funambulus palmarum* (Linn.). Half Yearly J. Mysore Univ. 12:89-105, 1951
- With P.R.R. K. Reddy. Physiology of the sexual segment of the kidney in reptiles

## HONORS

Subgenus *Prasadsciurus* Moore & Tate 1965 (Mammalia)



# Man Kyu Pak

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Man Kyu Pak, South Korean amateur botanist (Gurye County, Jeollanam-do Province 13 April 1906 – 1988)

Authored An enumeration of Korean plants (1946) & Flora of Korean Pteridophyta (1961)

## HONORS

*Mankyua* Sun, Kim, Kim & Park 2001 (Pteridophyta)

# Mandakolathor Subrahmanya Srinivasan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mandakolathor Subrahmanya Srinivasan, Indian micropaleontologist and biostratigrapher (Attimalaipattu, Tamil Nadu 09 October 1938 –

## DESCRIBED FOSSIL FORAMINIFERA TAXA

### Valid Genera

*Neuropleurostomella* 1992 with Rai

*Vellaena* 1966

*Virguloides* 1966

*Wadella* 1966

### Species

*Alabamina archipelagoensis* 1981 with Rajshekhar

*Biloculinella elongata* 1973 with Sharma

*Bolivinita delicata* 1973 with Sharma

*Bolivinita neocompressa* 1973 with Sharma

*Ceratolamarckina clarki* 1966

*Cibicides bengalensis* 1972 with Sharma

*Cibicides helferi* 1981 with Rajshekhar

*Cibicides hochstetteri* 1980 with Singh

*Cibicides pronovozelandicus* 1966

*Clavatorella nicobarensis* 1974 with Kennett

*Discorbis rajnathi* 1966

*Ehrenbergina schwageri* 1980 with Singh

*Elphidium hornibrooki* 1966

*Favocassidulina indica* 1990 with Gupta

*Flabellamina pliocenica* 1981 with Rajshekhar

*Fursenkoina indica* 1980 with Singh

*Glabratella finlayi* 1966

*Globoquadrina indica* 1972 with Sharma

*Globorotalia banneri* 1972 with Sharma

*Globorotalia nicobarica* 1969

*Globorotalia spiroapertura* 1972

*Globorotalia challengerii* 1981 with Kennett

*Globorotalia neoflexuosa* 1974 with Kennett & Be

*Gyroidina jenkinsi* 1966

*Karrerella kennetti* 1966

*Karrerella obscura* 1966

*Lenticulina barretti* 1966

*Lenticulina paparoensis* 1966

*Melonis pacimaoricum* 1966

*Milionella vellai* 1966

*Neuropleurostomella indica* 1992 with Rai

*Pararotalia geei* 1980 with Singh

*Pijpersia gracilis* 1966

*Praeglobulina sastryi* 1981 with Rajshekhar

*Quinqueloculina zealandica* 1966

*Rectuvigerina oldhami* 1981 with Rajshekhar

*Robulus kakanus* 1973 with Sharma

*Saracenaria colei* 1966

*Stilostomella stachei* 1966

*Tappanina indopacifica* 1973 with Sharma

*Tenuitella andamanica* 1978 with Azmi

*Textularia walcotti* 1966

*Trifarina edwardsi* 1966

*Trifarina kaiata* 1966

*Triloculinella elizabethae* 1966

*Uvigerina bradleyi* 1966

*Vellaena zealandica* 1966

*Virguloides wellmani* 1966

# Mandayam Jeersannidhi Narasimhan

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Mandayam Jeersannidhi Narasimhan, Indian mycologist and plant pathologist (Madras 1891 – 24 September 1970)

First introduced fungicidal control measures for Koleroga disease of areca palm (1910s)

Established that debris of diseased nuts on the ground had oospores (1970)

First to show the mycotoxin due to *Heterosporium* in cereals

Postulated the concept of epicentre for the heteroecious rusts (1969)

Showed fungi *Entomophthora lecani* could be used for the biological control of insects on a massive scale

With M.J. Thirumalachar & M.C. Srinivasan established the morphological basis for differentiating *Entomophthora* from *Conidiobolus*

## DESCRIBED VALID FUNGI GENERA

*Derexia* 1970

*Georgefischeria* 1963 with Thirumalachar

*Sclerophthora* 1953 with Thirumalachar & Shaw

## HONORS (Fungi)

*Narasimhania* Thirumalachar & Pavgi 1952

*Narasimhella* Thirumalachar & Mathur 1966

## LINKS

[http://www.landesmuseum.at/pdf\\_frei\\_remote/Sydowia\\_24\\_0017-0020.pdf](http://www.landesmuseum.at/pdf_frei_remote/Sydowia_24_0017-0020.pdf)

# Mandayam Jeersannidhi Thirumalachar

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mandayani Jeersannidhi Thirumalachar, Indian mycologist and biochemist (Malleswaram, Bangalore 22 September 1914 – Walnut Creek, California 21 April 1999)

Son of mycologist and plant pathologist Mandayam Jeersannidhi Narasimhan

Authored over 460 papers

Identified more than one hundred antibiotics and in the development of at least 50 of them to a commercial level such as Hamycin (1961), Dermostatin (1966) and Aureofungin (1966), all of them antifungal, Antiamebin (anti-protozoal/anti-helminthic), Antiprotozoin (antiprotozoal/antifungal), Tetraenenin, MYC-4 and Necrocitin (anti-tumour activity)

## DEVELOPED

New derivatives of established antibiotics with better performance and lesser toxicity

Jaimycin process for antibiotics production

Chemotherapeutants for the control of a wide range of fungal, bacterial and mycoplasma diseases such as DPS (against leaf curl viruses of solanaceous plants), CPN No. MJN1891 and Gopi-80 (against plant diseases) and Jai-Pro (for arthritis and muscular pain)

Systemic fungicides such as Phyton 27 (patented) and KI-19827(for control of Dutch elm disease and oak wilt)

A process for oil extraction from tar-sands

Showed that *Ravenelia esculenta* causes malformation on *Acacia eburnea*

With M.J. Narasimhan & M.C. Srinivasan established the morphological basis for differentiating *Entomophthora* from *Conidiobolus*

Found new microorganisms for biocontrol of plant parasitic nematodes and fungi

## DESCRIBED FUNGI TAXA

### Genera

*Acervulopsora* 1945

*Angiosorus* 1974 with O'Brien

*Astomella* 1947

*Backusia* 1965 with Whitehead & Mathur

*Biharia* 1953 with Mishra

*Caudophoma* 1968 with Patil

*Chainia* 1955

*Cyclodomella* 1959 with Patil & Bhatt

*Dicksonomyces* 1957 with Rao & Salam

*Didymopsorella* 1950

*Elateraecium* 1966

*Franzpetrakia* 1957 with Pavgi

*Georgefischeria* 1963 with Narasimhan

*Hapalophragmiopsis* 1950

*Hiratsukamyces* 1975 with Kern & Patil

*Jamesdicksonia* 1961 with Pavgi & Payak

*Kernella* 1949

*Mehtamyces* 1945

*Mundkurella* 1944

*Narasimhella* 1965 with Mathur

*Narasimhania* 1952 with Pavgi

*Romanoa* 1954

*Santapauella* 1945 with Mundkur

*Sclerophthora* 1953 with Narasimhan & Shaw

*Thermomucor* 1977 with Subrahmanyam & Mehrotra

*Tolyposporidium* 1977 with Neergaard

*Volutellospora* 1965 with Mathur

*Zundelula* 1952 with Narasimhan

### Species

About 300

### Others

4 species in genus *Streptomyces*

3 species in genus *Xanthomonas*

A fungal species *Geotrichum marinum* that uses oil as a carbon and nitrogen source

**HONORS (Fungi)**

*Thirumalacharia* Rathaiah 1981

*Thirumalachariella* Sathe 1974

# Manoel Antonio Vital de Oliveira

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Manoel Antonio Vital de Oliveira, Brazilian official and hydrographer (Recife 28 September 1829 – Paraguay 03 February 1867)

Achieved international projection due to his maritime charts. His most complete work was posthumous, *Roteiro da Costa do Brasil, do Rio Mossoró ao Rio São Francisco do Norte* (1869).

## HONORS

Legion of Honour (France)

Order of Saint Maurice & Saint Lazarus (Italy)

# Manuel Augusto Pirajá da Silva

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Augusto Pirajá da Silva, Brazilian parasitologist (Camamu, Bahia State 28 January 1873 – São Paulo 01 January 1961)

## ACHIEVEMENTS

Performed first complete description of *Schistosoma mansoni* and clarified his full life cycle

La schistosome à Bahia. Arch. Parasit. 13:415, 1908

First to correlate mansonic schistosomiasis and glomerulopathy (1908)

First described schistosomal cercaria

Cercaire brésilienne (*Cercaria blanchardi*) à queue bifurquée. Arch. Parasit. 15:398-400, 1912

Demonstrated transmission mode of *Trypanosoma cruzi* by faeces of its vector

With E. Brumpt. Existence du *Schizotrypanum cruzi* Chagas, 1909 à Bahia (Matta de São João). Biologie du *Conorhinus megistus*. Bull. Soc. Pathol. Exot. 5(1):22-6, 1912

Perfected treatment technique of cutaneous leishmaniasis by employing tartar emetic

Described fungi *Discomyces bahiensis* 1919 and *Madurella brumptii* 1922 that cause maduromycosis

## HONORS

Bernhard Nocht Medal, Bernhard Nocht Institut für Tropenmedizin, Hamburg (1954)

Manson-Pirajá da Silva disease or Mansonic Schistosomiasis



# Manuel J. Rivera

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Manuel Jesús Rivera, Chilean agricultural entomologist (Curicó 08 April 1875 – Curicó 04 October 1910)

## SOME BIBLIOGRAPHY

La enfermedad en los fréjoles. Bol. Soc. Agr. Sur 70(1):14-7, 1910

Un insecto nocivo en las arboledas de Concepción que no conviene propagar en el país. Bol. Soc. Agríc. Sur 9(10):523-7, 1909

Insectos nocivos a la *Araucana imbricata* (1907)

Ciclo biológico de la filoxera según Balbiani. Rev. Chil. Hist. Nat. 7(1):17-21, 1907

Informe sobre la plaga de la langosta en las provincias de Bio-Bio i Malleco. Anales Agron. 7(2):242-51, 1906

Instrucciones sobre la recolección i envío de insectos nocivos a la agricultura. Anales Agron. 7(1):22-8, 1906

Nuevas observaciones de algunos coleópteros cuyas larvas atacan al trigo (1905)

Los insectos de los alrededores de Contulmo. Actes Soc. Scient. Chili 15:1-26, 1905

Cambios producidos en la vejetación por las larvas de Lamelicornios i por sembrados de trigo. Actes Soc. Scient. Chili 14:95-102, 1905

Biolojia de Coleopteros chilenos cuyas larvas atacan al trigo. Actes Soc. Scient. Chili 8:241-54, 1904

El bruco das arvejas. Rev. Chil. Hist. Nat. 8:25-42, 1904

Nuevas observaciones acerca de la biología de *Latrodectus formidabilis*. Rev. Chil. Hist. Nat. 7(2):115-9, 1903

Apuntes sobre la vejetación de la cordillera de la costa de Curicó. Actes Soc. Scient. Chili 12:302-49, 1902

Apareamiento de *Latrodectus formidabilis*. Rev. Chil. Hist. Nat. 5(5):161-3, 1901

Empolvoramiento de algunas especies del jenero *Loasa* (1898)

Desarrollo i costumbres de algunos insectos de Chile. I. Act. Soc. Scient. Chili 14:2173;1894

## HONORS

*Riveraella* Kieffer & Herbst 1911 (Diptera)

*Manuelia* Vachal 1905 (Hymenoptera)

# Manuel Jose Viana

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel José Viana, Argentine entomologist (1916 – Buenos Aires 11 February 1997)

Authored 52 works

## DESCRIBED GENERA

### Coleoptera

*Alvarenganiella* 1971 with Martínez

*Ceralocyna* 1971

*Ceratocassis* 1964

*Fabrasia* 1965 with Martínez

*Homalorhamphus* 1957 with Haedo Rossi

*Lallancyca* 1971

*Lissonomimus* 1992 with Martínez

*Micholaemus* 1971

*Monrosicassis* 1964

*Nanocthispa* 1947 with Monrós

*Neorrhpidus* 1958

*Neostena* 1947 with Monrós

*Parabaliosus* 1947 with Monrós

*Paranota* 1949 with Monrós

*Rierguscha* 1970

*Schöenherriella* 1952

*Sternostenoides* 1947 with Monrós

*Uhmannispa* 1947 with Monrós

### Hymenoptera

*Ameghinoa* 1957 with Haedo Rossi

## HONORS

*Vianatilla* Casal 1962 (Hymenoptera)

*Vianania* Orfila 1954 (Lepidoptera)

*Vianaeta* Bechyné 1949 (Coleoptera)

*Vianasia* Mateu 1955 (Coleoptera)

# Manuel L. Roxas

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Luz Roxas, Philippine agronomist (Lipa, Batangas 19 June 1888 – 06 September 1958)

Expert on agricultural chemistry and food technology

Authored 95 scientific papers

## SOME BIBLIOGRAPHY

The effect of some stimulants upon rice. Phil. Agric. Forester 1:89, 1912

Lipase in the germinating coconut. Phil. Agric. Forester 3:33-9, 1914

The reaction between amino acids and carbohydrates as a probable cause of humin formation. J. Biol. Chem. 27:71-93, 1916

With R. V. Manio. Industrial alcohol from cassava. Philip. Agriculturist 10:75-84, 1921

Effect of bunga on sugar cane. Phil. Sugar News 96, 1927

The manufacture of sugar from nipa sap. J. Sci. 40:185, 1929

With M. Villano. Studies on the development of the sugar cane plant. Root and shoot development of M-1900. The planter and Sugar Manufacturer 83, 1929

With N.D. Grecia. The use of a lime-magnesia solution for soaking cane points. Sugar News 10:815-8, 1929

## HONORS

*Roxasella* Merino 1936 (Hemiptera)

# Manuel Maria Villada

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Manuel María Felipe Neri de la Sangre de Cristo de Villada Peimbert, Mexican naturalist (Ciudad de Mexico 26 May 1841 – Ciudad de Mexico 22 March 1924)

## DESCRIBED NEW TAXA

*Cantharis nietii* (Coleoptera)

*Lystra cerifera* 1881 (Hemiptera)

*Diadophis punctatus dugesii* 1875 (Reptilia)

*Breweria mexicana* var. *floribunda* 1892 (Plantae)

## SOME BIBLIOGRAPHY

Catalogo de plantas venenosas indígenas, según el orden natural de las familias a las que pertenecen. La Naturaleza 5(1), 1914

Los xumiles. La Naturaleza 5(1), 1914

Dos especies fósiles del litoral del Golfo. La Naturaleza 5(1), 1914

El pámpano. La Naturaleza 5(1), 1914

Breve reseña de una excursión escolar a la Barra de Nautla (1912)

Apuntes recogidos en un viaje de exploración al Estado de Mexico (1912)

Breve noticia de un viaje de exploración en diversos lugares del Estado de Veracruz (1911)

Pretendido hallazgo de huesos humanos fósiles en cierto lugar del Estado de CVoahuila (1910)

Breves apuntes acerca de la Paleobiología del Valle de Mexico (1910)

Reseña descriptiva y geológica de la gruta de Tobantongo, del Mineral del Cardonal, que se halla al paso, y del camino que a aquella conduce, situados em el Estado de Hidalgo (1910)

Un viaje de exploración a diversos lugares del Estado de Veracruz (1907)

Una viaje de exploración a la gruta Nindó Da Gé (1906)

Una exploración a la Cuenca fosilifera de San Juan Raya (1905)

Una nueva especie del género *Vochysia*. La Naturaleza 3(2):681-8, 1903

La *Spigelia longiflora*. Resumen de los trabajos publicados acerca de esta planta (1903)

Breve reseña geologica del terreno comprendido en las obras de desague del Valle de Mexico y en general de toda esa región (1903)

Apuntes acerca de la fauna fósil del Valle de Mexico. Anales Museo Nac. 1(7):447, 1903

Apuntes acerca de plantas indígenas de la familia de las Solanáceas, empleadas em la medicina. Gac. Med. Mexico 26:300, 1899

La *Casimiroa pubescens*, J. Ram. (1897)

Apuntes acerca de especies indígenas de la familia de las Labiadas empleadas em la medicina. Gac. Med. Mexico 33:301-6, 1896

Apuntes acerca de especies indígenas de la familia de los helechos empleadas em la medicina. Gac. Med. Mexico 21:351, 1895

Apuntes acerca de las plantas indígenas medicinales de la familia de las Papaveráceas. Gac. Med. Mexico 29:164, 1893

Noticia y descripción de una variedad de la *Breweria mexicana* de Hemsley (1892)

Apuntes acerca de plantas indígenas medicinales de la familia de las euforbiáceas. Gac. Med. Mexico 26:317, 1891

Apuntes de geología y de botánica relativas a Mexico (1891)

Relación de um viaje a la caverna de Cacahuamilpa (1891)

La caverna de Ojo de Agua (1891)

Apuntes acerca de plantas indígenas de la familia de las compuestas. Gac. Med. Mexico (1887)

Los anátidos del Valle de Mexico (1887)

Apuntes relativos a la *Lennoa caerulea* (*Corallophyllum*) H.B. y K. (1882)

Aves de las regiones del círculo artico en las lagunas del Valle de Mexico. La Naturaleza 4(1):191-4, 1879

Troquílideos del Valle de Mexico. Su descripción y sinonimia adoptada por el Profesor John Gould, con algunas notas sobre sus costumbres. La Naturaleza 2(1):339-69, 1873

Palomas viajeras. Notas sobre las que ultimamente han emigrado a Mexico. La Naturaleza 2(1):250-5, 1873

Apuntes para la mamología mexicana. La Naturaleza 1(1):290-8, 1870

Aves del Valle de Mexico. La Naturaleza 1(1):94-100 & 146-54, 1870

Consideraciones generales acerca de la flora fosil del Valle de Mexico

El hombre prehistorico en el Valle de Mexico

El tecumapatli *Marsdenia zimapanica* Hemsl. Nota adicional.

## HONORS

*Villadia* Rose 1903 (Crassulaceae)

## LINKS

[http://www.academia.edu/6376569/Un\\_cient%C3%ADfico\\_mexicano\\_y\\_su\\_sociedad\\_en\\_el\\_siglo\\_XIX\\_Manuel\\_Mar%C3%ADA\\_Villada\\_su\\_obra\\_y\\_los\\_grupos\\_de\\_los\\_que\\_form%C3%AD](http://www.academia.edu/6376569/Un_cient%C3%ADfico_mexicano_y_su_sociedad_en_el_siglo_XIX_Manuel_Mar%C3%ADA_Villada_su_obra_y_los_grupos_de_los_que_form%C3%AD)

# Manuel Mateus Ventura

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Manuel Mateus Ventura, Brazilian plant biophysicist and biochemist (Fortaleza 17 June 1921 – Brasília 31 December 2018)

His studies about the action of metabolic inhibitors in stomatic movement and effect of antibiotics on vascular plant growth attracted international attention

First to report that metabolism inhibitors could affect opening and closure of stomata (1952)

With I. H. Lima. Ação do dietilestilbestrol sobre a respiração de tecidos vegetais. Anais da Academia Brasileira de Ciências 31(2):197-202, 1959

With I. H. Lima. Effect of antibiotics on respiration of plant tissues. Phytion – International Journal Of Experimental Botany 7(1):1-5, 1955.

Ação do ácido beta-indolil-acético sobre o movimento das articulações de folhas primárias de *Stizolobium aterritum* Pip. & Trac. I. Efeito inibidor de 2, 4-dinitrofenol. . Phytion – International Journal Of Experimental Botany 5(1):47-52, 1955.

Ação de inibidores enzimáticos sobre a transpiração e comportamento de estômatos. II. Ação do arsenito, 2,4-dinitrofenol e verde de Janus folhas isoladas de *Stizolobium aterritum* Pip. & Trac. Revista Brasileira de Biologia 14(2):153-61, 1954.

Ação da hidrazida isso-nicotínica (INH) sobre o crescimento de *Zea mays* em germinação. Anais do IV Congresso Nacional da Sociedade Botânica do Brasil, p. 208-11, 1953.

Ação de inibidores enzimáticos sobre a transpiração e o comportamento dos estômatos. I. Ação do fluoreto de sódio sobre folhas isoladas de *Stizolobium aterritum* Pip. & Trac. . Anais do IV Congresso Nacional da Sociedade Botânica do Brasil, p. 196-205, 1953.

Ação de antibióticos sobre as plantas verdes. III. Ação da cloromicetina sobre a membrana da célula vegetal. Anais da Associação Brasileira de Química 12:157-8, 1953.

Ação de antibióticos sobre as plantas verdes. II. Efeito inibidor da cloromicetina sobre o crescimento das radículas de *Zea mays* em germinação. . Anais da Associação Brasileira de Química 12:189-91, 1953.

Ação de antibióticos sobre as plantas verdes. I. Efeito inibidor da terramicina sobre o crescimento das radículas de *Zea mays* em germinação. Publicação Técnica 3b Escola de Agronomia do Ceará, 1952.

## OTHERS

With R.V. Cunha. Acessório para a densitometria direta de eletroferogramas sobre o papel. Rev. Biologia 1(3-4):273-91, 1958

With J. Xavier Filho, R.A. Moreira et al. Isolation and characterization of two trypsin inhibitors from *Vigna sinensis*. An. Acad. Bras. Ciencias 43:233-8, 1971

With J. B. Aragão. Tryptophyll fluorescence quenching by iodide ion in a protein. An electrostatic effect. An. Acad. Bras. Ciencias 45:329-30, 1973

## HONOURS

(International Biographic Centre, England)

2000 Outstanding Scientists of the 20th Century (2000)

500 Founders of the 21st century

Leading Scientists of the World (2006)

## LINKS

[www.manuelmateusventura.pro.br](http://www.manuelmateusventura.pro.br) See <http://www.manuelmateusventura.pro.br/>.

# Manuel Nuñez Tovar

April 9, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Manuel Bautista de las Mercedes Nuñez Tovar, Venezuelan medical entomologist and parasitologist (Caicara de Maturín, Monagas State 24 September 1872 – Maracay, Aragua State 27 January 1928)

First to explain the miasis transmitted by mosquitoes

## DESCRIBED DIPTERA TAXA

### Valid Genus

*Fransaiia* 1927 with Dyar

### Species

*Aedes argyrites* 1926 with Dyar

*Culex bihaicola* 1927 with Dyar

*Culex macaronensis* 1926 with Dyar

*Haemagogus celeste* 1926 with Dyar

*Phlebotomus evansi* 1924

*Phlebotomus maracayensis* 1924

*Phlebotomus otamae* 1924

*Phlebotomus rangeli* 1924

*Simulium lugubre* 1928 with Lutz

*Simulium versicolor* 1928 with Lutz

*Trichoprosopron pusillum* 1928 with Lutz

*Wyeomyia caracula* 1927 with Dyar

*Wyeomyia favor* 1928 with Dyar

*Wyeomyia felicia* 1927 with Dyar

*Wyeomyia gausapata* 1927 with Dyar

*Wyeomyia guadians* 1927 with Dyar

*Wyeomyia pampithes* 1928 with Dyar

*Wyeomyia serratoria* 1927 with Dyar

## HONORS

Subgenus *Nunezia* Dyar 1928 (Diptera)

# Manuel Sandoval Vallarta

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Sandoval Vallarta, Mexican physicist (Ciudad de Mexico 11 February 1899 – Ciudad de Mexico 18 April 1977)

Regarded as world authority on cosmic rays

Authored about 70 works

Determined coincidence conditions for classical and ondulatory mechanics results (1927)

With N. Rosen introduced past and future asymmetry in a field theory

Obtained evidence that cosmic radiation presented electrical charge and determined its sign

With G. Lemaitre demonstrated that if particles flow distribution of cosmic radiation is isotropic magnetic field outside, the intensity of cosmic radiation that reaches a point on Earth surface is the same in all permitted directions for each given energy and that in any solid angle that contains only permitted directions, the intensity will be the same which in an identical solid angle

With Lemaitre predicted East-West asymmetry of cosmic radiation intensity to low geomagnetic altitudes (W.L. Alvarez confirmed it in 1933)

Explained the longitude effect on cosmic rays

## HONOURS

Physics Nobel Prize nominee

Invited Lecturer, International Congress of Mathematicians (1936)



# Manuel Soriano

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Saturnino Soriano Escobedo, Mexican surgeon (Ciudad de Mexico 1837 – Ciudad de Mexico February 1927)

Proposed a series of maneuvers

## INVENTED

Double scarifier for child gingiva (1865)

Trocar for surgical canalization

Triangle knife for ingrown toenail

An abdominal suture needle

# Manuel Tamayo Moller

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel O. Tamayo Moeller, Peruvian microbiologist and parasitologist (Arequipa 27 January 1878 – Lima 20 June 1909)

From German descent

First described *Anopheles peruvianus*

First to use laboratory animals to study Peruvian warts

Described a non-ulcerated infiltrant form of leishmaniasis

Eponym of Tamayo yellow (dye)

# Manuel Urbina

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Urbina y Altamirano, Mexican physician and botanist (Ciudad de Mexico 07 September 1843 – Ciudad de Mexico 19 July 1906)

## SOME BIBLIOGRAPHY

Notas acerca de los amoles de Hernandez. *Naturaleza* 3:118-30, 1910

Granos de polen de oyametl. *Anales Museo Nac. Mexico* 3(3):293-7, 1906

Raíces comestibles entre los antiguos mexicanos. *Anales Museo Nac. Mexico* 3(2):117-90, 1906

Notas acerca de los ayotli de Hernandez o calabazas indígenas. *Anales Museo Nac. Mexico* 7:353-90, 1903

Los zapotes de Hernandez. *Anales Museo Nac. Mexico* 7:209-34, 1903

Los amates de Hernandez o higueras mexicanas. *Anales Museo Nac. Mexico* 7:93-114, 1903

Notas acerca de los tzauhtli u orquídeas mexicanas. *Anales Museo Nac. Mexico* 7:54-68, 1903

El peyote y el ololiuhqui. *Anales Museo Nac. Mexico* 7:25-48, 1903

Notas acerca de los amoles mexicanos (1899)

Catalogo de plantas mexicanas (Fanerógamas) 1897

Notas acerca de los copales de Hernandez y las burseráceas mexicanas. *Anales Museo Nac. Mexico* 4:98-121, 1897

La chía y sus aplicaciones (1887)

## HONORS

*Urbinella* Greenman 1904 (Asteraceae)

# Manuel Uribe Troncoso

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Uribe Troncoso, Mexican / US ophthalmologist (Toluca 17 June 1876 – New York 21 January 1959)

Considered as world authority on eye physiology and diseases

Authored over 170 papers

Authored important studies about iridocorneal angle

First to study aqueous humor circulation in living animals and the influence of its chemical constitution

Described the basal layer of iris processes

## METHODS

Suggested new techniques for treatment of glaucoma

Described cyclodyalisis with implantation of magnesium

Cyclodyalisis with insertion of a metal implant in the treatment of glaucoma: A preliminary report. Arch. Ophth. 23:270-300, 1940

New methods of examination of the angle of the anterior chamber. Arch. Ophthal. 50:364, 1921

## DEVELOPED

A monocular self-illuminating gonioscope (1925)

A binocular gonioscope (1942)

A binocular corneal microscope

A "demonstration eye" for refraction anomalies

An apparatus for measuring ocular anterior chamber angle

New model of schematic eye for skiascopy (retinoscopy) and ophthalmoscopy. Am. J. Ophthal. 5:436, 1922

A new model of contact glass for gonioscopy (goniolens). Am. J. Ophth. 28:1360, 1945

# Manuel Velasco Suarez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel María Velasco Suarez, Mexican neurosurgeon (San Cristobal de las Casas, Chiapas State 28 December 1914 – Ciudad de Mexico 02 December 2001)

Authored over 400 works and 6 books

With F. Escobedo Ríos described a syndrome in Neurological deficits after severe head trauma (1969)

Injected local atropine and later L-dopa through stereotactic surgery being maybe the first in situ implantation of neurotransmitters into the basal ganglia (1970)

Improved pallidotomy in the treatment of some dyskinesies (1959)

Improved surgical techniques for treatment of intracranial tumors and encephalic vascular malformations

Developed and/or improved surgical and clinical treatment for brain cysticercosis

Designed an encephalotome (1957) and apparatuses for stereotactic surgery

## OFFICES

Chiapas State governor (1970-6)

## HONORS

Medal of Honor, World Federation of Neurosurgical Societies (1985)

Spiegel-Wycis Medal, World Society of Stereotactic and Functional Neurosurgery (1985)

Doctor Honoris Causa, Thomas Jefferson University of Philadelphia

# Manuel Zuñiga Idiaquez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Manuel Zuñiga Idiaquez, Honduran poet, musician and pedagogue (Danlí 1884 – San Salvador 1959)

## INVENTIONS

A device for disinfection and sterilization of clothes

Harmonioflauto, an instrument that mimics a set of harmonic flutes

# Marcel Roche

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Marcel Roche Dugand, Venezuelan physician and scientist (Caracas 15 August 1920 – Miami 03 May 2003)

From French descent

Authored 101 scientific papers and 12 books and monographs

Found that heme iron from meat increased the absorption of iron from other sources known as meat effect

With M. Layrisse & C. Martínez Torres. Effect of interaction of various foods on iron absorption. Amer. J. Clin. Nutr. 21:1175, 1968

Designed a special apparatus for observation and filming of hookworm

## METHODS

With M.E. Perez Gimenez & A. Levy. Isotopic tracer method for measurement of iron lost into and re-absorbed from Gastro-intestinal bleeding lesions. Nature 180:1278-9, 1957

With C. Martinez Torres. A method for in vitro study of hookworm activity. Exper. Parasitol. 9:250-6, 1960

## Paper in famous reviews

With C. Martínez Torres & L. MacPherson. Electroesophagogram of individual hookworm (*Ancylostoma caninum*). Science 136:148-50, 1962

## HONORS

Doctor Honoris Causa, Case Institute of Technology (1960)

Doctor Honoris Causa, Saint Joseph's University (1992)

## LINKS

[http://www.ivic.ve/estudio\\_de\\_la\\_ciencia/?mod=roche.php](http://www.ivic.ve/estudio_de_la_ciencia/?mod=roche.php)

# Marcelo Damy de Souza Santos

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Marcelo Damy de Souza Santos, Brazilian physicist (Campinas, São Paulo State 14 July 1914 –São Paulo 29 November 2009)

Authored more than 80 works

Discovered penetrating showers in cosmic rays with Wataghin and Pompéia

With G. Wataghin & P.A Pompéia. Simultaneous penetrating particles in the cosmic radiation I. Physical Review 57:61, 1940.

With G. Wataghin & P.A. Pompéia. Simultaneous penetrating particles in the cosmic radiation. II. Physical review 57:339, 1940.

With G. Wataghin, M. Schenberg & G. Occhialini first observed the phenomenon of mesons production in groups simultaneously emitted in an one nuclear process (1941)

## DEVICES/METHODS

With G. Wataghin. Sopra um nuovo tipo di contatore di corpuscoli. Il Nuovo Cimento 15:104-7, 1937.

A multivibrator counter circuit. Anais Acad. Bras. Ciencias 12:179-89, 1940.

With G. Occhialini. On a method of recording random events. Anais Acad. Bras. Ciencias 13:57-62, 1941.

With G. Occhialini. Two useful gadgets for controlled Wilson chambers (1941)

Developed with Pompéia a new kind of ultrasonic sonar for detecting submarines employing pre-oriented ferromagnetic crystals

With Pompéia developed a special thermostat that works on the gasoline dilation for controlling the temperature of cooling crystals

With Pompéia developed portable radios for jeeps and military trucks

With P.S. de Toledo, R. Brenner & A.C. Penteadó. A new method for the individual detection of failed fuel elements in swimming pool reactors (1960).

With E. Wilner & P.S. Toledo. Um novo método de detecção individual de elementos combinados defeituosos. Third Interam. Symposium Nuclear Energy Peaceful Appl. (1960)

A device for tuning musical instruments

Improved the velocity of Geiger counter from miliseconds to microseconds

With P.S. Toledo. A power calibration method using the xenon equilibrium poisoning (1958)

His brother, Tharcisio Egidio Damy de Souza Santos, metallurgist (Campinas, São Paulo State 10 December 1912 – São Paulo 29 July 2005)

Authored 138 works (until 1983)

Presented novel abacus that improved Berek compensator

A determinação dos retardamentos na técnica petrográfica. Rev. Politécnica (1938)

## AUTHORED

Um processo de zincagem do chumbo desargentado Parkes (A Process of galvanization of Parkes desilvered lead) 1954

Um processo para tratamento de crostas Parkes (A process for treatment of Parkes crusts) 1957

## PATENTS

PI8403174-3B1 (1984)

Processo para obtenção de cobre metálico utilizando minérios alterados complexos de baixo teor (Process for obtaining metallic copper employing low content complex changed ores) 1988



# Marco Antonio Serna

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Marco Antonio Serna Díaz, Colombian herpetologist and ornithologist (San Vicente Ferrer, Antioquia 11 July 1936 – Ayapel, Córdoba Dept. 31 December 1991)

## DESCRIBED VALID SPECIES

### Amphibia (with Rivero)

*Atelopus galactogaster* 1993

*Atelopus sanjosei* 1989

*Colostethus brachistriatus* 1986

*Colostethus dysprosium* 2000

*Colostethus furviventris* 1991

*Colostethus yaguara* 1991

*Hyloxalus betancuri* 1991

*Hyloxalus borjai* 2000

*Hyloxalus brevipartus* 1986

*Hyloxalus excisus* 2000

*Pristimantis dorsopictus* 1988

*Pristimantis johannesdei* 1988

*Pristimantis phragmipleuron* 1988

*Pseudopaludicola ceratophyes* 1985

*Rheobates pseudopalmatus* 2000

*Silverstoneia erasmios* 2000

### Reptilia

*Lepidoblepharis williamsi* 1986 with Ayala

# Marco Aurelio Rivarola

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Marco Aurelio Rivarola, Argentine pediatric endocrinologist (Buenos Aires 03 January 1936 –

Found many new (at least 26) genetic mutations and variations involved in syndromes

## DEVELOPED METHODS

With A. Belgorosky. Determination of albumin-bound thyroxine in human serum. Clin. Chem. 36:699, 1990

With A. Belgorosky. Determinación de la globulina ligadora de tiroxina (TBG) y de la prealbumina ligadora de tiroxina (TBPA) por análisis de saturación y separación con carbón dextran. Rev. Arg. Endocr. Metabolismo 25:73-8, 1988

With A. Belgorosky, E.A. Chaler & S.B. Cigorruga. Photoaffinity labeling of extracellular and intracellular androgen binding proteins. Acta Physiol. Pharmac. Lat. Am. 36(1):1-11, 1986

With A. Belgorosky. Sex hormone binding globulin response to testosterone. An androgen sensitivity test. Acta Endocrinol. 109:130-8, 1985

With A. Belgorosky. Determination of sex-hormone binding globulin in human serum. Medicina 42:141-8, 1982

With C. Bianculli, B. Cano de Candas, J. Menendez & C. Bergadá. Urinary acid phosphatase as an auxiliary index of androgenic response. J. Pediatrics 89(2):325, 1976

With C. Bergadá, E.J. Podestá et al. developed techniques for the measurement of steroids using radioligant assays as well as techniques for the study of its metabolism in different tissues (1970-2)

## OTHER CONTRIBUTIONS

With C. Pepe, N. Saraco, M.S. Baquedano, G. Guercio, E. Vaiani, E. Berensztein & A. Belgoprosky. Exon 5 alternative splicing of the cytochrome P450 aromatase could be a regulatory mechanism for estrogen production in humans. Medicina 67(4):369-73, 2007

With J. Accorinti, E. Berensztein, M.S. Baquedano, N. Saraco, C. Pepe, R. Ponzio & A. Belgorosky. Identification and characterization of testicular macrophages (MT) present during human prepuberty and puberty. Hormone Research 68:1, 2007

With J.M. Saez, M.H. Perrard, P.G. Chatelain & E. Tabone. Paracrine regulation of testicular function. J. Ster. Biochem. 27(1-3):317-29, 1987

# Marcos Tubangui

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Marcos Angeles Tubangui, Philippine helminthologist and parasitologist (Pampanga, Luzon Island 25 April 1893 – Manila 26 October 1949)

With A.M. Pasco elucidated the complete life cycle of *Echinostoma ilocanum* (1933)

Discovered the molluscan and crustacean intermediary hosts of *Paragonimus* sp. in the Philippines

Discovered the molluscan intermediary host of *Schistosoma japonicum* in the Philippines (1932)

## DESCRIBED HELMINTHS TAXA

### Families

Alariidae 1922

Diplosentidae 1937 with Masilungan

### Genera

*Diplosentis* 1937 with Masilungan

*Euparadistomum* 1931

*Glyptelmins* 1928

*Heterophyopais* 1938 with Africa

*Orientocreadium* 1931

*Postorchigenes* 1928

### Species

About 95

## HONORS

*Tubangorchis* Skrjabin 1944 (Trematoda)

*Tubanguiella* Yamaguti 1959 (Cestoda)

*Tubanguia* Srivastava 1935 (Trematoda)

# Maria Amelia Torres

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Maria Amelia Torres, Argentine botanist (Tandil, Buenos Aires Province 27 January 1934 – La Plata 28 December 2011)

## DESCRIBED PLANTAE TAXA

### Genus

*Nicoraea* 1997

### Subgenus

*Mucronella* 1997

### Species

*Melica eremophila* 1970

*Melica glabrescens* 1980

*Melica parodiana* 1968

*Nassella burkartii* 1993

*Nassella cabreræ* 1997

*Nassella catamarcensis* 1997

*Nassella fabrisii* 1997

*Nassella famatinensis* 1997

*Nassella glabripoda* 1997

*Nassella meyeri* 1997

*Nassella novari* 1997

*Nassella parva* 1997

*Nassella punensis* 1997

*Nassella ragonesei* 1997

*Nassella yaviensis* 1997

*Nicoraea brevis* 1997

*Stipa scabrifolia* 1997

*Stipa ventanica* 1968 with Cabrera

## HONORS

*Amelichloa* Arriaga & Barkworth 2006 (Poaceae)

# Maria Aparecida Vulcano

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Maria Aparecida Vulcano d'Andretta, Brazilian entomologist and paleoentomologist (Bragança Paulista, São Paulo State 12 December 1921 – Presidente Prudente, São Paulo State 08 September 2018)

In some works appeared as Maria Aparecida Vulcano d'Andretta

## DESCRIBED INSECTA TAXA

### Genera

#### Living

#### Coleoptera

*Antillacanthon* 1966 with Pereira

*Bdelyropsis* 1960 with Pereira & Martínez

*Bolbaffer* 1969 with Pereira & Martínez

*Bolbocaffer* 1969 with Pereira & Martínez

*Bolboceroides* 1969 with Pereira & Martínez

*Brasilucanus* 1961with Pereira

*Chapincanthon* 1966 with Pereira

*Microbolbus* 1969 with Pereira & Martínez

*Mimobolbus* 1969 with Pereira & Martínez

*Ottokelleria* 1957 with Martínez

*Paraegidium* 1966 with Pereira & Martínez

*Paulosawaya* 1955 with Martínez

*Pseudepilissus* 1964 with Pereira

*Pseudoleuretra* 1955 with Martínez

#### Diptera

*Hershkovitzia* 1957 with Guimarães

*Lutzsimulium* 1947 with D'Andretta

*Messiasia* 1951

*Paramydas* 1948 with Carrera

#### Isoptera

#### Species

73

#### Fossil

#### Raphidioptera

#### Genus

*Arariperaphidia* 1990 with Martins Neto

#### Species

*Arariperaphidia rochai* 1989 with Martins Neto

#### Coleoptera (with Pereira 1987)

#### Genus

*Cretaceimelittommoides*

#### Species

*Cretaceimelittommoides cearensis*

*Cretaceomelittommoides araripensis*

#### Diptera

#### Genus

*Cretaceosimulium* 1985

#### Species

*Cretaceosimulium araripense* 1985

#### Hymenoptera

#### Species

*Cariridres bipetiolata* 1989 with Brandão & Martins Neto

Isoptera (with Fontes 1998)

Genus

*Mariconitermes*

Species

*Cretatermes pereirai*

*Mariconitermes talicei*

Lepidoptera (with Martins Neto 1989)

Genus

*Gracilepteryx*

Species

*Gracilepteryx pulchra*

*Parasabatinca caldasae*

*Undopterix caririensis*

Neuroptera

Genera (with Martins Neto)

*Araripeberotha* 1990

*Araripechrysa* 1989

*Araripeneura* 1989

*Babinskaia* 1989

*Blittersdorfia* 1989

*Caldasia* 1989

*Caririberotha* 1990

*Caririchrysa* 1989

*Caririneura* 1989

*Cratopteryx* 1989

*Cratoscalapha* 1997

*Limaia* 1989

*Neurastenyx* 1997

*Paracaririneura* 1997

*Pseudonymphes* 1989

Species

*Araripeberotha martinsi* 1990

*Araripechrysa magnifica* 1989

*Araripeneura gracilis* 1989

*Araripeneura regia* 1989

*Babinskaia formosa* 1989

*Babinskia pulchra* 1989

*Baisopardus gigas* 1997

*Blittersdorfia pleoneura* 1989

*Blittersdorfia pulcherrima* 1989

*Blittersdorfia volkheimeri* 1989

*Caldasia cretacea* 1989

*Caririberotha fairchildi* 1990

*Caririchrysa venosa* 1988 with Martins Neto

*Caririneura microcephala* 1989

*Caririneura regia* 1997

*Cratoalloneura acuminata* 1989

*Cratochrysa sublapsa* 1997 with Martins Neto

*Cratonemopteryx audax* 1989

*Cratonemopteryx robusta* 1989

*Cratonemopteryx speciosa* 1997

*Cratopteryx robertosantosi* 1989  
*Cratoscalapha electroneura* 1997  
*Limaia conspicua* 1989  
*Mesypochrysa confusa* 1989  
*Mesypochrysa criptovenata* 1989  
*Neurastenyx gigas* 1997  
*Paracaririneura priscila* 1997  
*Pseudonymphes araripensis* 1989  
*Roesleriana exotica* 1989

**HONORS**

*Vulcanocanthos* Pereira & Martínez 1960 (Coleoptera)  
*Vulcanoia* Martínez 1954 (Coleoptera)  
Thanks to Luiz R. Fontes for providing her death date

# Maria das Graças Lapa Wanderley

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Maria das Graças Lapa Wanderley, Brazilian botanist (1947 –

## DESCRIBED PLANTAE SPECIES

*Alcantarea martinellii* 2009 with Versieux

*Alcantarea patriae* 2007 with Versieux

*Alcantarea tortuosa* 2007 with Versieux

*Alcantarea trepida* 2007 with Versieux

*Alcantarea turgida* 2007 with Versieux

*Calathea communis* 2002 with Vieira

*Canistrum ambiguum* 1989 with Leme

*Canistrum flavipetalum* 2008

*Cryptanthus micrus* 2010 with Louzada & Versieux

*Ditassa dardanoi* 2004 with Konno

*Dyckia tubifilamentosa* 2014 with G.M. Sousa

*Encholirium reflexum* 2001 with Forzza

*Hohenbergia isepponae* 2017 with Gonçalves Oliveira

*Nidularium longiscapum* 2000 with Moreira

*Nidularium meeanum* 1992 with Leme & Mollo

*Karawata prasinata* 2015 with G.M. Sousa

*Orthophytum argenteum* 2011 with Louzada

*Orthophytum ophiuroides* 2008 with Louzada

*Quesnelia violacea* 2006 with Proença

*Sincoraea mucugense* 2006 with Conceição

*Sincoraea ulei* 2010 with Louzada

*Vriesea flava* 2004 with A.F. Costa & Luther

*Vriesea piscatrix* 2009 with Versieux

*Vriesea sanfranciscana* 2008 with Versieux

*Xyris almae* 1993 with Kral

*Xyris anamariae* 2010 with Kral

*Xyris atrospicata* 2011 with Guedes

*Xyris brachifolia*

*Xyris calderonii* 1988 with Kral & L.B. Smith

*Xyris caparaoensis* 2003

*Xyris cervii* 2016 with Lozano

*Xyris coutensis* 1987 with Cerati

*Xyris cylindrostachya* 1988 with Kral

*Xyris dardanoi* 1983

*Xyris diaphanobracteata* 1988 with Kral

*Xyris dissitifolia* 1988 with Kral

*Xyris fibrosa* 1993 with Kral

*Xyris fredericoi* 2010

*Xyris graomogolensis* 2009 with Kral

*Xyris irwinii* 2017 with Campbell

*Xyris itambensis* 1988 with Kral

*Xyris jataiana* 1988 with Kral

*Xyris jolyi* 1987 with Cerati

*Xyris kralii* 2010

*Xyris lutescens* 1988 with Kral



*Xyris maparecida* 2013 with Guedes & Silva-Cobra

*Xyris nanuzae* 2010

*Xyris nervata* 2015 with Mota

*Xyris nigra* 2013 with Mota

*Xyris obcordata* 1988 with Kral

*Xyris pallidula* 1988 with Kral

*Xyris paradisiaca* 1986

*Xyris pectinata* 1988 with Kral & L.B. Smith

*Xyris phaeocephala* 1995 with Kral

*Xyris picea* 1993 with Kral

*Xyris piranii* 2010

*Xyris pirapamae* 2011 with Guedes

*Xyris pranceana* 1988 with Kral

*Xyris pulchella* 2015 with Mota

*Xyris riopretensis* 2013 with Mota

*Xyris rostrata* 2015 with Mota

*Xyris sceptrifera* 1988 with Kral

*Xyris scoparia* 2013 with Mota

*Xyris shepherdiana* 2011 with Guedes

*Xyris sincorana* 1993 with Kral

*Xyris tortillia* 1983

*Xyris velutina* 2013 with Mota

*Xyris villosicarinata* 1988 with Kral

## **HONORS**

*Lapanthus* Louzada & Versieux 2010 (Bromeliaceae)

# Maria del Carmen Perrilliat

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Maria del Carmen Perrilliat Montoya, Mexican paleomalacologist (1938 –

## DESCRIBED FOSSIL MOLLUSCA TAXA

### Genera

- Acanthoxenophora* 2001 with Vega
- Mexfus* 2004 with Vermeij, Herbert & Vega
- Mexopus* 2001 with Kiel
- Orrstreidi* 2013 with Cristin

### Subgenus

- Caribiella* 1972

### Species

- Abra* (*Abra*) *nicoli* 1977
- Acanthoxenophora sinuosa* 2001 with Vega
- Acteon* (*Acteon*) *dalli* 1974
- Acteon* (*Acteon*) *pilsbryi* 1974
- Agladrillia boesei* 1973
- Agladrillia* (*Eumetadrillia*) *mauryae* 1973
- Agladrillia* (*Eumetadrillia*) *thalmannii* 1973
- Agladrillia* (*Eumetadrillia*) *vermeij* 2010
- Amaurellina guerrera* 2000 with Vega & Corona
- Ampullina palmeri* 1963
- Anadara* (*Rasia*) *veracruzana* 1976
- Anadara woodringi* 1960
- Anchura denticulata* 2001 with Kiel
- Anomalofusus beui* 2004 with Kiel
- Architectonica bajaensis* 2013
- Architectonica bieleri* 2013
- Atys* (*Aliculastrum*) *santarosaensis* 1974
- Bactrocythara tehuantepecensis* 1973
- Beisselia kilburni* 2004 with Kiel
- Beisselia kirstenae* 2004 with Kiel
- Beisselia kollmanni* 2004 with Kiel
- Brachycythara santarosaensis* 1973
- Bursa mexicana* 1963
- Busycon alencasterae* 1963
- Busycon grandis* 1972
- Calliophthalmus* (*Planolateralus*) *mexcalensis* 2000 with Vega & Corona
- Calliostoma granulata* 2006 with Vega, Avendaño & Solé
- Calyptrophorus binoliferus* 1997
- Campanile houbricki* 2000 with Kiel
- Cancellaria bajaensis* 2016 with Cristin
- Cancellaria nissenae* 2004 with Kiel
- Cancellaria paleocenica* 2016 with Cristin
- Capulus* (*Malluvium*) *istmica* 1972
- Corbula* (*Caryocorbula*) *olssoni* 1984
- Crassinella santarosaensis* 1977
- Chrysodomus mixteca* 1963
- Corbula* (*Caryocorbula*) *durhami* 1984

*Crommium globosa* 2006 with Vega, Avendaño & Solé

*Ctena istmica* 1977

*Cymia michoacanensis* 1987

*Daphnella elongata* 1973

*Dentalium (Tesseracme) mexicanum* 1974

*Diplodonta mexicana* 1977

*Donax ferreirai* 1977

*Donax lucreciensis* 1977

*Drillia engerrandi* 1973

*Drillia mansfieldi* 1973

*Drillia urbinai* 1973

*Drilluta gloriae* 2000 with Vega & Corona

*Erato pustuloides* 1972

*Ervilia veracruzana* 1977

*Eulimella (Eulimella) bartschi* 1974

*Euthria incerta* 1972

*Fissurella (Fissurella) mexicana* 1972

*Glycymeris istmica* 1976

*Glyphostoma agueguexquitensis* 1973

*Glyphostoma (Lioglyphostoma) reticulata* 1973

*Glyphoturris toulai* 1973

*Griffithides ixtaltepecensis* 1988 with Moron Rios

*Gyraulus zoltani* 2008 with Vega, Espinosa & Naranjo Garcia

*Hastula albida* 1973

*Heliacus alencasterae* 2002 with Kiel & Bandel

*Hemisinus (Longiverena) adjuntaensis* 1992 with Vega

*Hemisinus (Longiverena) reticulosus* 1992 with Vega

*Homaloploma chica* 2002 with Kiel & Bandel

*Lacunaria carrenoae* 2013

*Lepicythara veracruzana* 1973

*Liopelplum costatum* 2004 with Kiel

*Liotia woodringi* 1972

*Lispodesthes lilipus* 2001 with Kiel

*Lucina (Here) edwilsoni* 1992

*Lyria reticulata* 2004 with Kiel

*Lyrischapa spinifera* 2006 with Vega, Avendaño & Solé

*Macrocypreaa veintensis* 2003 with Avendaño & Vega

*Marginella (Eratoidea) minor* 1973

*Marginella prewilcoxiana* 1973

*Mathilda gardnerae* 2002 with Kiel & Bandel

*Mathilda mexicana* 2002 with Kiel & Bandel

*Mathilda veracruzana* 1973

*Melanatria ypresiana* 1992

*Melanoides (Melanoides) wollebeni* 2008 with Vega, Espinosa & Naranjo Garcia

*Melanoides (Melanoides) yolandae* 2008 with Vega, Espinosa & Naranjo Garcia

*Mesolanistes magnus* 2008 with Vega, Espinosa & Naranjo Garcia

*Mesolanistes murrayi* 2008 with Vega, Espinosa & Naranjo Garcia

*Mesorhytis elegans* 2004 with Kiel

*Metulella (Thiarinella) olssoni* 1972

*Mexfusus rotundicostatus* 2004 with Vermeij, Herbert & Vega

*Mexopus mexicanus* 2001 with Kiel

*Mexopus robustus* 2001 with Kiel

*Microdrillia istmica* 1973  
*Microgaza santarosaensis* 1972  
*Nassarius collinsi* 1972  
*Nassarius (Uzita) gardnerae* 1972  
*Nassarius (Uzita) tehuantepecensis* 1972  
*Nododelphinula diminuta* 2000 with Vega & Corona  
*Oliva lisa* 1972  
*Oliva (Strephanella) nicoli* 1972  
*Olivella boesei* 1972  
*Olivella (Dactylidia) robusta* 1972  
*Olivella (Minioliva) santalucreciensis* 1972  
*Ostrea (Turkostrea) escondida* 1993 with Vega  
*Ostrea istmica* 1984  
*Ostrea parrensis* 1999 with Vega & Mitre  
*Ostrea popaensis* 1993 with Vega  
*Pachychilus (Pachychiloides) lawtoni* 2008 with Vega, Espinosa & Naranjo Garcia  
*Palaeoneilo sinuosus* 1997 with Quiroz  
*Paleopsephaea vegaverai* 2004 with Kiel  
*Palinurus palacioi* 2006 with Vega, Garcia Barrera, Coutino & Marino Perez  
*Patinopecten santarosaliensis* 1989 with Quiroz  
*Pecten mexicanus* 1992  
*Physa cepedaensis* 2008 with Vega, Espinosa & Naranjo Garcia  
*Pileolus coatzli* 2002 with Kiel & Bandel  
*Pleurofusua (Fusiturricula) mexicana* 1973  
*Pleurofusua nesbiti* 1973  
*Pleurotomella harbisonae* 1973  
*Pleurotomella weisbordi* 1973  
*Polinices (Polinices) saulae* 2013  
*Potamides temalacensis* 2000 with Vega & Corona  
*Priscoficus vermeij* 2013  
*Prunum (Miospira) solida* 1973  
*Ptychopotamides ancestralus* 2000 with Vega & Corona  
*Pycnodonte (Crenostrea) veracruzana* 1994  
*Rimella mexcala* 2001 with Kiel  
*Ringicula coronai* 2002 with Kiel & Bandel  
*Ringicula (Ringiculella) subrectus* 1974  
*Ripleyella truncata* 2004 with Kiel  
*Scaphella americana* 1973  
*Scobinella miocenica* 1973  
*Solariella bajaensis* 2013  
*Solariois boardmani* 1972  
*Strioterebrum gracilis* 1973  
*Surculoma minuta* 2004 with Kiel  
*Surculoma multispitalia* 2004 with Kiel  
*Teinostoma squiresi* 2013  
*Tellina (Moerella) jungi* 1977  
*Teredo woodringi* 1981  
*Transennella santarosaensis* 1984  
*Trinacria wadei* 1976  
*Turbinella maya* 2010 with Vega & Coutiño  
*Uromitra palmerae* 1973  
*Uromitra vokesae* 1973

*Vaughanites adkinsi* 1973

*Venericardia (Venericor) elongata* 1989

*Verticordia agueguexquitensis* 1984

*Viviparus mcbridei* 2008 with Vega, Espinosa & Naranjo Garcia

*Volutocorbis minutus* 2006 with Vega, Avendaño & Solé

*Volvarina diminuta* 1973

*Zanassarina wadei* 1972

### **Subspecies**

*Alveinus abundans mexicana* 1984

*Bernaya media chiapasensis* 2003

*Calliostoma (Calliostoma) pulcher mexicana* 1972

*Caryocorbula prenasuta mexicana* 1992

*Conus aemulator michoacanensis* 1992

*Corbula (Caryocorbula) whitfieldi mexicana* 1984

*Corbula (Caryocorbula) domincensis veracruzana* 1984

*Cypraeorbis alabamensis mexicana* 2003

*Donax chipolana veracruzana* 1977

*Felaniella (Felaniella) minor tehuantepecensis* 1977

*Melongena corona tzeltal* 2010 with Vega & Coutiño

*Myrtea limoniana istmica* 1977

*Myrtea vermiculata mexicana* 1977

*Nucula (Jupiteria) bowdenensis mexicana* 1976

*Nuculana (Saccella) karlmartini santarosaensis* 1976

*Palmerella mortoni mexicana* 2006 with Vega, Avendaño & Solé

*Strioterebrum cambiarsoi mexicana* 1973

### **HONORS**

*Perrillia* Squires & Saul 2006 (Fossil Mollusca)

# Maria Elena Ramirez

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Maria Eliana del Carmen Ramirez Casali, Chilean phycologist (Talca 11 August 1948 –

## DESCRIBED ALGAE TAXA

### Species (Rhodophyceae)

*Callophyllis conceptionensis* 2011 with Arakaki & Alveal

*Callophyllis macrostiolata* 2011 with Arakaki & Alveal

*Gastroclonium cylindricum* 1989 with Santelices & Abbott

*Glaphyrosiphon chilensis* 2010 with Leister & Gabrielson

*Neosiphonia peruviana* 2012 with Bustamante, Won & Cho

*Porphyra longissima* 2018 with Meynard & Contreras Porcia

*Porphyra lucea* 2018 with Meynard & Contreras Porcia

*Pyropia orbicularis* 2014 with Contreras Porcia & Guillemain

*Pyropia variabilis* 2018 with Zapata, Meynard & Contreras Porcia

### Subspecies

*Desmarestia ligulata muelleri* 1993 with Peters (Phaeophyceae)

## HONORS

*Mariaramirezia* Calderón, Boo, Mansilla & Boo 2016 (Rhodophyta)

# Maria Siqueira

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Maria Siqueira Pinheiro, Brazilian immunologist (São Paulo 07 July 1927 – São Paulo 28 March 2015)

Authored over 70 works

Described the biological role of antibodies on glomerulonephritis

With H.C. Passos, O.C. Martínez & O.G. Bier. Studies on the nephrotoxic activity of guinea-pig gamma 1 and gamma2 antibodies. *Immun.* 26(2):407-16, 1974

Found that antigen-antibody complexes can act even at the site of passive cutaneous anaphylaxis reactions evoked by unrelated antigen-antibody systems

With O. G. Bier. Hemorrhagic reactions at sites of passive cutaneous anaphylaxis in guinea pig after intravenous inoculation of unrelated immune complex. *Proceed. Soc. Exper. Biol. Med.* 107(4):779-84, 1961

With O. Bier & G. Biozzi observed that immunological competence develops eventually, even in bursectomized animals, albeit with a considerable delay in time

Authored the first work on resistance genetics to rabies virus

With M.R. Nilsson & O.A. Sant'Anna, T.T. Nilsson & M. Genari. Rabies virus immunity in genetically selected high and low responder lines of mice. *Infect. Immunol.* 25(1):23-6, 1979

With Guido Biozzi demonstrated that distinct cells of both innate and acquired immunity are distinct protagonists submitted to independent polygenic control

With D. Mouton, O.A. Sant'Anna et al. Genetic of immunoresponsiveness to natural antigens in the mouse. *Curr. Top. Microbial. Immunol.* 85:31-98, 1979

Showed that the primary antibody response to antigens was under polygenic control while the secondary response was under monogenic control

With O.A. Sant'Anna, Y. Bouthillier & G. Biozzi. Differences in the genetic control of primary and secondary antibody responses. *Immunol.* 37(4):849-56, 1979

Enunciated genetic parameters regulating the quantitative antibody response

With G. Biozzi, D. Mouton, O.A. Sant'Anna, C. Stiffel, M.B. Esteves & Y. Bouthillier. Non-specific polygenic regulation of antibody synthesis. *Ann. Immunol.* 128(1-2):393-9, 1977

With C. Stiffel, D. Mouton, O.G. Ribeiro, C. Decreusefond & G. Biozzi developed the high (AIRmax) and low (AIRmin) responder lines of mice for studying the genetic control of innate and specific immune responses (1980s)

Demonstrated the expression of delayed type of hypersensitivity reactivity and antibody responsiveness to the same antigens are polygenic characters subject to the dependent quantitative regulation

With S.L. Oliveira, O.M. Ibañez, D. Mouton, O.A. Sant'Anna & G. Biozzi. Independent polygenic regulation of quantitative antibody responsiveness and expression. Of delayed type of hypersensitivity (Dth). *Exper. Clin. Immun.* 2(8):223-33, 1985

Gave the first demonstration of innate regulation of acute inflammatory responsiveness by germ line genes

With G. Biozzi, O.G. Ribeiro, A. Saran, M. de Franco, O.A. Sant'Anna, D. Mouton, O.M. Ibañez et al. Effect of genetic modification of acute inflammatory responsiveness on tumorigenesis in the mouse. *Carcinogenesis* 19(2):337-46, 1998

## METHODS

With O.G. Bier & R.S. Furlanetto. Amboceptor titration as a statistically controlled assay. *J. Immunol.* 69(3):241-6, 1952

With O.G. Bier & R.S. Furlanetto. Quantitative complement fixation in syphilis as a statistically controlled assay. *J. Immunol.* 74:51-6, 1954

With O.G. Bier, M.B. Esteves & P.M. Freire. Quantitative relations in complement fixation. *Amer. J. Epidem.* 89(3):353-7, 1969

With O.G. Bier & M.B. Esteves. Quantitative studies of complement fixation. I- A simplified and accurate procedure based on 50 per cent hemolytic end point. *Rev. Inst. Med. Trop. São Paulo* 10:199-208, 1968.

# Mariano Eduardo de Rivero

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Mariano Eduardo de Rivero y Ustariz, Peruvian naturalist, chemist and archaeologist (Arequipa 22 October 1798 – Paris 06 November 1857)

Authored at least 33 scientific works

## ACHIEVEMENTS

Discovered mineral humboldtine (1821)

Note sur une combinaison de l'acide oxalique avec le fer trouve a Kolowsereux, près Berlin em Boheme. Ann. Chim. Phys. 18:207-10, 1821

Proposed employing ammoniac in aqueous solution as alternate to mercuric chloride in silver extraction

Sobre el beneficio de los metals de plata mediante la amalgamación (1822)

Described 3 new mineral species in Nueva Granada (e.g. gay-lussite)

With J.B. Boussingault. Tres species nuevas minerales de la Nueva Granada (1824)

With J.J. Tschudi established interparietal suture (os incae) as an Inca trait in Antigüedades Peruanas (1851)

## WORKS TRANSLATED TO ENGLISH AND FRENCH

Memoire sur la nature et l'usage du guane au Pérou (1827)

Memorial de Ciencias Naturales y de Industria Nacional y Extranjera (1827-9) with N. Fernandez de Pierola

Antigüedades Peruanas (1851) with J. J. Tschudi

## OFFICES

Governor, Junín Department (1846-8) and Moquega Department



# Mariano Pacheco Herrarte

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mariano Pacheco Herrarte, Guatemalan agriculturalist (Quetzaltenango 24 April 1878 – after 1968)

## SOME BIBLIOGRAPHY

Agriculture in Guatemala (1944)

Cultivo de la *Hevea brasiliensis* (caucho de Pará) 1944

El mejoramiento de nuestros arboles y arbustos por medio del injerto (1941)

La hibridación de plantas. Rev. Agric. Guatemala 17:237-41, 1940

El mejoramiento del cafeto (1939)

El cultivo intensivo del café. Rev. Agr. Guatemala 15(3):140-2, 1938

Practicas agrícolas para mejorar los cultivos, aumentar y abaratar la producción (1937)

El cultivo de la cana de azúcar. Rev. Agr. Guatemala 14:152-4, 1936

## HONORS

*Pachecoa* Standley & Steyermark 1943 (Fabaceae)

# Marilia Regali

June 26, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Marília da Silva Pares Regali, Brazilian micropaleontologist and palynologist (Mogi Mirim, São Paulo State 03 January 1930 – São Paulo State 01 June 2018)

## DESCRIBED FOSSIL TAXA

### Genera

*Alaticolpites* 1974 with Uesugui & Santos

*Bahiaporites* 1974 with Uesugui & Santos

*Complicatisaccus* 1987

*Echitricolpites* 1974 with Uesugui & Santos

*Mystheria* 1986 with Sarjeant

*Psiladicolpites* 1989

*Psilaperiporites* 1974 with Uesugi & Santos

*Psilastephanoporites* 1974 with Uesugui & Santos

*Scabraperiporites* 1974 with Uesugui & Santos

*Sergipea* 1974 with Uesugui & Santos

*Tricornites* 1974 with Uesugui & Santos

*Tucanopollis* 1989

### Species

*Alaticolpites limai* 1974 with Uesugui & Santos

*Apectodinium caiobense* 1974 with Uesugui & Santos

*Aquilapollenites magnus* 1974 with Uesugui & Santos

*Areoligera espiritosantensis* 1974 with Uesugui & Santos

*Bahiaporites reticularis* 1974 with Uesugui & Santos

*Cicatricosisporites cristatus* 1974 with Uesugui & Santos

*Cingulatisporites verrucatus* 1974 with Uesugui & Santos

*Clavatricolpites daemoni* 1974 with Uesugui & Santos

*Clavatriletes disparilis* 1974 with Uesugui & Santos

*Cleitosphaeridium bahiaense* 1974 with Uesugui & Santos

*Complicatisaccus cearensis* 1987

*Cricotriporites almadaensis* 1974 with Uesugui & Santos

*Crotonipollis microclavatus* 1974 with Uesugui & Santos

*Echitricolpites communis* 1974 with Uesugui & Santos

*Echitricolpites solaris* 1974 with Uesugui & Santos

*Echitricolporites minutus* 1974 with Uesugui & Santos

*Echitriletes muelleri* 1974 with Uesugui & Santos

*Elateropollenites bicornis* 1989

*Elateropollenites dissimilis* 1989

*Elateropollenites praecursor* 1989 with Viana

*Ephedripites pentacostatus* 1974 with Uesugui & Santos

*Ephedripites subtilis* 1974 with Uesugui & Santos

*Equisetosporites undulatus*

*Fenestrites gemmatus* 1974 with Uesugui & Santos

*Foveomonosulcites elegans*

*Foveotriletes ornatus* 1974 with Uesugui & Santos

*Fusiformisporites polyhedricus* 1974 with Uesugui & Santos

*Gnetaceaepollenites concisus* 1989

*Gnetaceaepollenites crassipolii* 1974 with Uesugui & Santos

*Gnetaceaepollenites pentaplicatus* 1989

*Gnetaceaepollenites undulatus* 1974 with Uesugui & Santos

*Hystrichosphaeridium sergipensis* 1974 with Uesugui & Santos  
*Impletosphaeridium (Operculodinium) bahiaense* 1974  
*Inaperturopollenites crisopolensis* 1974 with Uesugui & Santos  
*Inaperturopollenites curvimuratus* 1974 with Uesugui & Santos  
*Inaperturopollenites simplex* 1974 with Uesugui & Santos  
*Mystheria oleopotrix* 1986 with Sarjeant  
*Nodosisporites baculatus* 1974 with Uesugui & Santos  
*Parvisaccites minimus* 1987  
*Pentaspis lammonsi* 2000 with Pedrão & Barrilari  
*Pentaspis simplex* 2000 with Pedrão & Barrilari  
*Psiladicolpites comptus* 1989  
*Psiladicolpites laevis* 1989  
*Psiladicolpites papillatus* 1989  
*Psilamonocolpites minutus*  
*Psilaperiporites minimus* 1974 with Uesugui & Santos  
*Psilaperiporites robustus* 1974 with Uesugui & Santos  
*Psilastephanocolporites fissilis* 1974 with Uesugui & Santos  
*Psilastephanocolporites variabilis* 1974 with Uesugui & Santos  
*Psilastephanocolporites tesseroporus* 1974 with Uesugui & Santos  
*Psilastephanoporites brasiliensis* 1974 with Uesugui & Santos  
*Psilastephanoporites stellatus* 1974 with Uesugui & Santos  
*Psilatricolporites divisus* 1974 with Uesugui & Santos  
*Psilatricolporites maculosus* 1974 with Uesugui & Santos  
*Psilatricolporites papilioniformis* 1974 with Uesugui & Santos  
*Regalipollenites amphoriformis* 1974 with Uesugui & Santos  
*Retistephanocolpites gracilis* 1974 with Uesugui & Santos  
*Retitricolpites amapaensis* 1974 with Uesugui & Santos  
*Retitricolporites amazonensis* 1974 with Uesugui & Santos  
*Retitricolporites belmontensis* 1974 with Uesugui & Santos  
*Retritricolporites mirabilis* 1974 with Uesugui & Santos  
*Retitricolporites perpusillus* 1974 with Uesugui & Santos  
*Retitricolporites quadrosis* 1974 with Uesugui & Santos  
*Retitriteles sommeri* 1974 with Uesugui & Santos  
*Rugubivesiculites bahiasulensis* 1989  
*Scabraperiporites nativensis* 1974 with Uesugui & Santos  
*Sergipea crassiverrucata* 1987  
*Sergipea naviformis* 1974 1974 with Uesugui & Santos  
*Sergipea simplex* 1987  
*Sergipea tenuiverrucata* 1987  
*Sergipea variverrucata* 1987  
*Spiniferites aracajuensis* 1974 with Uesugui & Santos  
*Spiniferites maranhensis* 1974 with Uesugui & Santos  
*Steevesipollenites alatiformis* 1974 with Uesugui & Santos  
*Steevesipollenites duplibaculum* 1974 with Uesugui & Santos  
*Steevesipollenites giganteus* 1974 with Uesugui & Santos  
*Striatricolpites reticulatus* 1974 with Uesugui & Santos  
*Surculosphaeridium alagoense* 1974 with Uesugi & Santos  
*Syncolporites triangularis* 1974 with Uesugui & Santos  
*Thalassiphora salvadorensis* 1974 with Uesugui & Santos  
*Tricornites elongatus* 1974 with Uesugui & Santos  
*Trisectoris regulatus* 1974 with Uesugui & Santos  
*Tuberculodinium paraense* 1974 with Uesugui & Santos

*Tucanopollis crisopolensis* 1974 with Uesugui & Santos

*Verrutriporites asymmetricus* 1974 with Uesugui & Santos

*Vitreisporites microrugulatus* 1987

*Vitreisporites pustulosus* 1987

## HONORS

*Regalipollenites* Lima 1980 (Fossil Sporae)

# Mario Egidio Teruggi

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Mario Egidio Teruggi Gout, Argentine petrologist and sedimentologist (Dolores, Buenos Aires Province 18 February 1919 – La Plata, Buenos Aires Province 22 August 2002)

From Italian father

Authored over 120 articles and 5 books

## SOME BIBLIOGRAPHY

With M.A. Leguizamón & V.A. Ramos. Metamorfitas de bajo grado con afinidades oceánicas em el basamento de Tandil: sus implicaciones geotécnicas. Rev. Asoc. Geol. Arg. (1988)

Los basaltos tholeíticos de Misiones. Notas Fac. Cien. Nat. Museo La Plata 28(70):259–70, 1978

With J.O. Kilmurray & L. Dalla Salda. Los dominios tectónicos de la región de Tandil. An. Soc. Cient. Arg. CXCV (MI):81–94, 1973

With R.R. Andreis. Composición, estabilidad mineral y acción climática en sedimentos argentinos. Rev. Museo La Plata NS 7 Geol. 3:175–206, 1971

With M.M. Mazzoni & L.A. Spalletti. Sedimentología de las gravas del río Sarmiento (Prov. La Rioja). Rev. Museo La Plata NS Sect. Geol 7:77–146, 1971

Criterios para el reconocimiento y estudio de los paleosuelos. Rev. Asoc. Geol. Arg. (1971)

Bosquejo geológico del Paraguay y provincia de Corrientes. Bol. Soc. Arg. Bot. 11:1–6, 1970

With R.R. Andreis & L.A. Gallino. Los sedimentos de la Cueva de Lauricocha (Perú). Rev. Asoc. Geol. Argentina 25(4), 1970

Geología y sedimentología de las cuevas de las cuchillas de las Aguilas (Sierra de Tandil, Prov. Bs. Aires). Etnia 7:13–21, 1968

El meteorito condritico Chajarí. Rev. Museo La Plata Geol. 6 (1968)

Paleocorrientes y paleogeografía de las ortocuarcitas de la Serie de La Tinta (Prov. de Bs. Aires). An. Com. Inv. Cient. Prov. Bs Aires 5:27, 1964

With H. Rossetto. Petrología del Chubutiano del codo del río Senguerr. Bol. Inf. Petroleras 354:18–35, 1963

With R.R. Andreis. Revisión de las zeolitas con especial referencia a su importancia sedimentológica. Rev. Asoc. Geol. Arg. 18:73–95, 1963

Sobre la presencia de analcima sedimentaria en el Chubutiano del cado del Río Senguerr. Rev. Museo La Plata (NS) Sect. Geol. 5:193–217, 1962

With M.C. Etchichury & J. Remiro. Las arenas de la costa atlántica de la Provincia de Buenos Aires entre Bahía Blanca y Río Negro. Prim. Jorn. Geol. Arg. 2:351–8, 1962

With E. Chaar, J.R. Remiro & T.A. Limousin. Las arenas de la costa de la provincia de Buenos Aires entre Cabo Santo Antonio y Bahía Blanca. LEMIT 77(2):137, 1959

With V.E. Mauriño, T.A. Limousin & O.C. Schauer. Geología de las Sierras de Tandil. Rev. Asoc. Geol. Arg. 13(3):185–204, 1958

The nature and origin of Argentine loess. J. Sedim. Petrol. 27:322–32, 1957

With H. Díaz. Contribución a la geología de la Antartida occidental. II. Descripción geológica y petrografica de algunas localidades de la Antartida occidental. Publ. Inst. Antar. Arg. 2:79–152, 1956

Algunas observaciones microscópicas sobre vidrio volcanico y opalo organogeno em sedimentos pampeanos. Notas Museo La Plata Geol. 18:17–26, 1955

Características granulométricas y mineralógicas de algunos fangos marinos del Golfo San Jorge (1954)

With O. Schlagintweit. Una interesante deslocación en Potrero de Garay (Valle de Calamuchita) y observaciones sobre las sierras Chica y Grande de Córdoba (1954)

El material volcánico-piroclástico en la sedimentación cuaternaria argentina. Rev. Asoc. Geol. Arg. 9(3):184–91, 1954

Contribución a la petrología del partido de Tandil. El Cerro Noceti (Prov. de Bs. Aires). Rev. Inst. Nac. Cien. Natur. Nat B. Cien. Geol. 3(1):53, 1951

Contribuciones a la psamografía argentina. Las arenas de la zona de Mar de Ajó. Notas Museo La Plata 14 Geol. 61:409–41, 1949

## HONORS

Teruggite Aristarain & Hurlbut Jr. 1968 (Mineral)

# Mário Nakano

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mario Nakano, Brazilian veterinarian (São Paulo 01 February 1928 – São Bernardo do Campo, São Paulo State 07 June 2024)

Son of Japanese immigrants

Headed Poultry Pathology Department at Instituto Biológico, one of the world-renowned laboratories in avian pathology

Authored 102 scientific papers & 2 books

With W.L.N. Torres, G. Moreno, J.A. Bottino & J.C. Panetta. Estudo sobre um novo suplemento de alimentos a base de cloranfenicol. O Biológico 36(4):101-7, 1970

## SOME BIBLIOGRAPHY

With S.R. Baquer. Egg-inoculation technique for the preparation of Newcastle disease vaccine, 1961

With R.C. Bueno & S.R. Baquer. Doenças das aves em São Paulo. Análise de 28.147 casos. Arq. Inst. Biol. 29:231-70, 1962

With R.C. Bueno & S.R. Baquer. Ocorrência da encefalomielite aviária em São Paulo. Isolamento e identificação do vírus. Rev. Bras. Biol. 24(3):31-44, 1964

With J.R. July. Isolamento de *Salmonella pullorum* de um nódulo caseoso localizado na região orbitária de pinto da linhagem Arbor Acres. Arq. Inst. Biol. 36(1): 55-7, 1969

Eficiência do ortodichlorobenzene na destruição de formas vegetativas e esporuladas de *Eimeria* sp. Anais 25th Conferencia Anual Soc. Paul. Med. Vet 25:100, 1970

With W.L.N. Torres, G. Moreno, J.A. Bottino et al. O emprego de antibióticos em ração inicial de pintos para corte. O Biológico 36(7): 1970

With W.L.N. Torres, D. Nobre, N. Momose et al. Intoxicação em aves ocasionada por *Cassia occidentalis* L. O Biológico 37(8):204-8, 1971

With M.A.S.C. Portugal, A.M. Saliba. D. Nobre & M.N. Narimatsu. A ocorrência de doença de Gumboro no Brasil. Diagnóstico anatomopatológico. O Biológico 38:60-66, 1972

With M.N. Narimatsu & M.A.S.C. Portugal. Emprego da sulfaclopiridazina associada ao cloridrato de terpenamina como agente anti-estressante após as vacinações em aves. O Biológico 43(9-10):203-7, 1977

With J.A. Bottino, M.N. Narimatsu & D.A. do A.F. Vasconcelos. Avaliação do paradichlorobenzene (1,4-C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>) em desinfecção industrial, avícola e pecuária. O Biológico 43(99-10):213-7, 1977

With M.N. Narimatsu, M.A.S.C. Portugal & R. Macruz. Estudo de possíveis efeitos colaterais pelo uso da Robenidina no aparelho reprodutor em aves de reposição. O Biológico 44(10):237-41, 1978

With R.G. Quagliuolo, C.M. Junqueira, L.E.O. Yai & S. Chiba. Análise da frequência de algumas doenças aviárias em *Gallus gallus domesticus* no estado de São Paulo, Brasil, no período de 1970 a 1979. O Biológico 48(4):83-9, 1982

With M.N. Narimatsu, E.M. B. Calil & O. Campedelli Filho. Tentativa de isolamento de *Erysipelothrix rhusiopathiae* em aves. Arq. Inst. Biol. 57(1-2): 15-16, 1990

# Mario Novello

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Mario Novello, Brazilian cosmologist (Rio de Janeiro 24 August 1942 –

From Italian ancestry

Authored 189 papers and 17 books

Showed that gravitation is a result of self-interaction of gamma fields in J. Math. Physics 12:1039, 1971

Explained the origin of neutrinos masses in Lettere al Nuovo Cimento 1:252, 1971

Suggested that weak forces changes in account to Universe evolution state (1972)

Showed that weak and electromagnetic forces are consequences of self-interaction of gamma fields in Lettere al Nuovo Cimento 13:74, 1973

With the physicist José Martins Salim found non-singular rays for our Universe in Physical Review D20:377, 1979

With the physicist J. M. Salim and independently of V. Melnikov & S.V. Orlov constructed the first analytical bounce cosmological model (1979)

With Hans Heitzmann proposed Dynamical Eternal Universe Scenario (DEUS) in 1984

With I.A. Bediaga e Hickman, M. Gasperini & E. Predazzi presented a geometric description of hadronization in a curved spacetime in Modern Physics Letters A4:169, 1988

With N. Deruelle, I. Costa & N.F. Svaiter presented a soluble example of quantum fields in cosmological spacetimes in Class. Quantum Gravity 6:1893, 1989

With N.F. Svaiter & M.E. Guimarães established the required conditions for material bodies may propagate on time type closed curves in Modern Physics Letters A7:5, 1992

With V.A. De Lorenci, J.M. Salim & R.B. Klippert showed than non-linear processes in standard electromagnetism may lead to electromagnetic black hole in Physical Review D64:45001, 2000

With V.D. Ivashchuk, S.A. Kononogov & V. Melnikov found non-singular solutions in a multidimensional cosmology with a perfect fluid in Gravity and Cosmol. 12:273, 2006

Presented a construction of Diracian linear fermions in terms of Heisenbergian nonlinear spinors in Europhysics Letters 80:4100, 2007

Eponym of Novello-Heitzmann viscous universe

## HONOURS

Doctor Honoris Causa, Université de Lyon (2004)

## LINKS

<http://www.seara.ufc.br/folclore/folclore221.htm> (in Portuguese)

# Mario Parisi

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mario Nestor Parisi, Argentine cell physiologist and biophysicist (Buenos Aires 01 October 1939 –

## ACHIEVEMENTS

With J. Chevalier & J. Bourguet first to find a low water permeability associated with a high aggregate surface area in the apical membrane (1983)

With J. Bourguet proposed a model for water specific pass through plasmatic membrane (1983)

With P. Ford, G. Amodeo, C. Capurro, C. Ibarra, R. Dorr & R. Ripoche proposed progesterone as regulator for water transfer in epithelial barriers (1996)

With P. Ford, J. Merot, A. Jawerbaum et al. reported the first study correlating water permeability and aquaporin mRNA expression in mammalian oocytes (2000)

First to propose that acid pH inhibits the water entrance into animal cells (later confirmed in plant cells too)

First to postulate that aquaporins present gating features

## METHODOLOGY

A system for measuring water transport in cell lines culture

With R.A. Dorr, A. Kierbel & J. Vera. A new data acquisition system for the measurement of the net water flux across epithelia (1997)



# Mário Pinotti

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mário Pinotti, Brazilian sanitariat (Brotas, São Paulo State 21 January 1894 – Rio de Janeiro 03 March 1972)

Developed Pinotti method employing chloroquine salt against malaria (1952). This salt was used as therapeutic and/or prophylactic

## HONORS

Bernhard Nocht Medal, Bernhard Nocht Institut für Tropenmedizin, Hamburg (1954)

Medicine & Physiology Nobel Prize nominee (1959)

## OFFICES

Brazilian Health Minister (1950–4; 1958–60)

# Mario Ramos de Oliveira

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mário Ramos de Oliveira, Brazilian surgeon (São Paulo 11 July 1918 – São Paulo 29 October 2004)

His thesis Gastroileostomia inadvertida: contribuição para o seu estudo clínico, radiológico e anatomo patológico (1953) gained international repercussion

With P.W. Assis Pires, E.E. Camargo, W.E. Mittelstaedt & M.B. Speranzini. Medida do refluxo duodenogástrico: padronização de nova técnica com Rosa Bengala marcada com I131. Rev. Hosp. Clinicas 43(1):40-4, 1988

With I. Fujimura, D. Birolini, L.T. Horita, T. Okagawa & O.S. Simonsen. A standardized operative procedure in patients with duodenal trauma. Rev. Hosp. Clin. 43(1):35-9, 1988

With F.B. Jatene, M.J. Bechara, J.F. Biscegli, B. Langer & D. Birolini. Intraoperative autotransfusion. A new device for its performance. Rev. Paul. Med. 99(3): 30-33, 1982

# Mario Rigatto

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mário Rigatto, Brazilian cardiopneumologist (Porto Alegre 12 January 1930 – Porto Alegre 17 January 2000)

Authored 380 publications

## DEVELOPED METHODS

With D. Martínez, R.P. Low, R.P. Pereira, C.A.M. Gottschall & M.L. Leão. Sistema de arquivo e processamento de provas de função pulmonar por computador. J. Bras. Pneumol. 6(4):162, 1981

With E.O. Andrade, G.R. Rocha & D. Martínez. Método simplificado de detecção precoce de obstrução das vias aéreas em fumantes (1980)

Determination of cardiac output using nitrous oxide in closed circuit. Arq. Bras. Cardiol. 21 Suppl 1:1-21, 1968

Pulmonary recirculation: measurements at rest during exercise by a method which estimates the concentration of the test gas in the mixed venous blood. J. Physiol. 191(2):98-9, 1967

With G.M. Rigatto & A.P. Fishman. Determination of pulmonary capillary blood flow in man. Circ. Res. 9(4):945-62, 1961

With A.P. Fishman. Aluminium decompression chamber and body pletismograph. J. Appl. Physiol. 16:391-2, 1961

## Papers in The Lancet

With E.A. Oppenheimer & C.M. Fletcher. Airways obstruction before and after isoprenaline, histamine and presnisolone in patients with chronic obstructive bronchitis. Lancet 1 (7542):552-7, 1968

With E.A. Oppenheimer, S.W. Kuper & D. Shortridge. Cytological examination of the sputum. Lancet 2 (7524):1001-2, 1967

## HONOURS

Special Citation Award, American Cancer Society (1987)

Marquis Who's Who in the World (1971, 1975 e 1999)

Visiting Professor, Hammersmith Hospital (1966 & 1991), Karolinska Institut (1966), McMaster Hospital and Pennsylvannia (1991)

Genus *Rigattoptera* 1996 (Fossil Neoptera)

# Mario Sanchez Roig

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Mario Ildefonso Sanchez Roig, Cuban zoologist and paleontologist (La Habana 23 January 1890 – La Habana 13 June 1962)

## DESCRIBED NEW TAXA

### Echinodermata

#### Genera

*Aguayoaster* 1952

*Cubanaster* 1952

*Fernandezaster* 1952

*Gonzalezaster* 1952

*Hernandezaster* 1949

*Herrerasia* 1951

*Herreraster* 1951

*Lajanaster* 1924 with Lambert

*Lambertona* 1953

*Megapatagus* 1953

*Moronaster* 1952

*Neopatagus* 1953

*Palmeraster* 1949

*Pseudoasterostoma* 1952

*Pseudorthopsis* 1949

*Rojasaster* 1952

*Rojasia* 1951

*Sandiegoaster* 1952

*Zanolettia* 1951

*Zanolettiaster* 1953

#### Species

About 280

### Mollusca

#### Genus (Fossil)

*Cubaochetoceras* 1951

#### Species

*Cerion acuticostatum* 1948

*Cerion chaparra* 1953 with Aguayo

*Cerion columbinus* 1951

*Cerion coutini* 1951

*Cerion feltoni* 1951

*Cerion grilloensis* 1951

*Cerion miramarae* 1951

*Cerion palmeri* 1948

*Cerion pastelliloens* 1951

*Cerion prestoni* 1951

*Cerion pretiosus* 1951

*Cerion pseudocyclostomum* 1953 with Aguayo

*Cerion saetiae* 1948

*Cerion saintilarius* 1951

*Cerion tanamensis* 1951

*Chondrothyrella paredonis* 1951

*Chondrothyrium mortiarum* 1951

*Chondrothyrium tejedori* 1951

*Macroceramus giganteus*

*Macroceramus jaumei*

*Macroceramus yateresense*

*Opisthocoelium dubium* 1949

*Opisthosiphon conicus* 1949 with Aguayo

*Opisthosiphon sabinai* 1949

*Wrightudora laevistria* 1949 with Aguayo

**Subspecies**

At least 11

**HONORS (Fossil)**

*Sanchezella* Durham 1954 (Echinodermata)

Subgenus *Roigites* Wierzbowski 1976 (Ammonites)

# Mário Schenberg

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mário Schenberg (Schonberg), Brazilian theoretical physicist (Recife 02 July 1914 – São Paulo 10 November 1990)

Son of Russian Jewish immigrants

## ACHIEVEMENTS

Authored 114 works

A new type of Fourier generalized integrals

Sobre um novo tipo de integrais generalizadas de Fourier. Anais Acad. Bras. Ciencias 9:328, 1937

Proposed URCA mechanism for explaining supernovae collapse using neutrinos behavior

With G. Gamow. Neutrino theory of Stellar Collapse. Physical Review 59:539-47, 1941

Proposed angular momentum for gravitational field

Physical Review 60:46, 1941

Proposed non-conservation of parity in strong interactions involving mesons

Physical Review 60:468, 1941

With G. Wataghin, M. D. S. Santos & G. Occhialini first observed the phenomenon of mesons production in groups simultaneously emitted in an one nuclear process (1941)

Proposed Chandrasekhar-Schonberg limit

With S. Chandrasekhar. On the evolution of the main sequence stars. Astrophys. Journal 96:161-72, 1942.

Presented a dynamical variational principle (1944) obtained by F. Rohrllich in 1959

Introduced the idea of indistinguishability of particles in a classical context and the Fock spaces in classical statistical mechanics (1952-3)

With S. Godsack & G. Vanderhaeghe. Possible example of a new mode of disintegration of the neutral meson. Nuovo Cimento 10:1480, 1953

Demonstrated a link between the quantized motion of the Madelung fluid and the trajectories of the de Broglie-Bohm theory (1954)

Suggested a new idempotent to the Heisenberg algebra (1958)

Published the paper Quantum Mechanics and Geometry in Anais Acad. Bras. Ciencias 29, 1957 and 30, 1958 in 5 parts in which anticipated super symmetry principle before Soviet physicists (1969) and introduced 2 Grassmann algebras extensions (commutative and anticommutative) known as Grassmann-Schonberg algebras

Brought up ideas about “primary physical continuum” in Proceedings of International Conference on Elementary Particles, Kyoto, Japan, 1965.

Showed spin geometrical origin

Explained mesonic origin of cosmic rays

Proposed an unity between classical and quantum treatment of matter

Presented a new conception on octet's model

Obtained original results about stars types seen in nuclear emulsions and about Auger effect in negative mesons capture

Discovered a phenomenon that occurs in the collision of a meson with an atomic nucleus

Presented a new aspect of Einstein unified field (1971)

# Mario Sousa Sanchez

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mario Sousa Sanchez, Mexican botanist (Ciudad de Mexico 19 February 1940 – Ciudad de Mexico 17 January 2017)

Authored over 130 publications

## DESCRIBED PLANTAE TAXA

### Genera

*Guinetia* 2000 with Rico

*Heteroflorum* 2005

### Subgenus

*Ruddia* 2007 with Linares

### Section

*Standleyi* 2009

### Species

About 150

## HONORS

*Mariosousa* Seigler & Ebinger 2006 (Fabaceae)

# Mario Trejo

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mario Trejo Hernandez, Mexican micropaleontologist (fl.1958-83)

## DESCRIBED FOSSIL TAXA

### Protozoa

#### Genera

*Barnesiella* 1983

*Bonetiella* 1983

*Burocratus* 1983

*Calpionellopsella* 1975

*Calcistheca* 1983

*Conusphaera* 1969

*Deflandronella* 1975

*Gildaella* 1983 (in honor to his wife Gilda Loyo V.)

*Microconus* 1983

*Nannoconoides* 1983

*Navarrella* 1983

*Parachitinoidea* 1972

*Praealcalisphaerula* 1983

*Pseudopithonella* 1983

*Risserella* 1983

*Stomiosporella* 1983

#### Species

*Barnesella carrilloi* 1983

*Barnesella delatorrei* 1983

*Bishopella alata* 1983

*Bishopella diazi* 1983

*Bishopella ornaseae* 1983

*Bonetiella peregrinaensis* 1983

*Bonetocardiella poncedeleoni* 1983

*Burocratus perniciosus* 1983

*Calcistheca cuadrangulata* 1983

*Calpionellites caravacaensis* 1975 with Allemann

*Calpionellites coronata* 1975 with Allemann

*Calpionellopsella maldonadoi* 1975

*Conusphaera mexicana* 1969

*Deflandrella tenuis* 1972

*Deflandronella veracruziana* 1972

*Gildaella amabilis* 1983

*Microconus aequilateratus* 1983

*Microconus simplex* 1983

*Nannoconoides bautistae* 1983

*Nannoconus boneti* 1974

*Nannoconus bronnimanni* 1959

*Navarrella castroi* 1983

*Parachitinoidea cuvillieri* 1972

*Pithonella velardei* 1983

*Praealcalisphaerula prinulla* 1983

*Pseudopithonella olivalis* 1983



*Risserella cordobaensis* 1983

*Risserella rablingae* 1983

*Stomiosphaera herrera* 1983

*Stomiosporella floresae* 1983

**Porifera**

**Genus**

*Rhaxelloides* 1967

**Species**

*Rhaxelloides cilindrica* 1967

*Rhaxelloides spherica* 1967

**Crustacea**

**Species**

*Microcalamoides confusus* 1983

*Microcalamoides ornatus* 1983

# Martha Vannucci

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Martha Ana Maria Vannucci, Italian-born Brazilian marine biologist (Firenze 10 May 1921 – São Paulo 15 January 2021)

From Italian, English and French descent

Regarded as one of world's foremost expert on mangroves ecology

Authored over 100 works

She was honorary advisor da International Society of Mangrove Ecosystems and senior expert in marine sciences of UNESCO (1969-89)

## DESCRIBED VALID NEW SPECIES

### Cnidaria

*Calycella gabriellae* 1951

*Halopteris billardi* 1951

*Laodicea minuscula* 1957

*Octophialucium haeckeli* 1966 with Soares Moreira

*Orthopyxis billardi* 1954

*Stauridiosarsia reesi* 1956

*Vallentinia gabriellae* 1948

### Cestoda

*Otobothrium dinoi* 1944

*Nybelinia lingualis paucispinosa* 1944

## HONORS

*Vannuccia* Marcus 1948 (Turbellaria)

# Marthanda Varma Sankaran Valiathan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Marthanda Varma Sankaran Valiathan, Indian cardiac surgeon (Mavelikara, Kerala State 24 May 1934 –

Authored over 100 scientific papers, several book chapters and 3 books

Established the geochemical cause of endomyocardial fibrosis, i.e., cerium replaces magnesium in cardiac muscle due to deficiency of this element in poor children

With Vincent Gott discovered the thrombo-resistant property of surfaces coated sequentially with graphite, benzalkonium chloride and heparin (GBH)

## DEVELOPED

Interventions to reduce the severity of tropical endomyocardial fibrosis

The first biomaterial to be made with wall-bonded heparin for clinical applications

A series of disposable devices such as hydrocephalus shunt, blood bag, oxygenator, cardiotomy reservoirs, vascular graft and a GBH-coated shunt for resecting aneurysms of the thoracic aorta

Chitra-TTK valve, a mechanical valve with a tilting disc design

A technique for thoracic aortic bypass using a graphite, benzalkonium chloride and heparin coated shunt

# Martin Schmal

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Martin Schmal, German-born Jewish Brazilian chemical engineer (Grünberg, Giessen District, Hesse State 07 July 1937 –

Authored 204 papers (until 2013)

## DEVELOPED

Catalysts that filtrates pollutant gas and particled material from diesel engines

An oxidation catalyst that employs molybdenum and silica

A new method for preparing catalysts

With D. Aranda. Process of methane coupling (1997)

With B.M.S. Evandro & C.A.P. Marta. A new catalyst for production of polialcohols (1996)

With L.C.D.M. Schmal & A. Gaspar. Synthesis catalyst chromium-based (1996)

With H. Borges. New catalysts for hydrogenation (1996)

With H.B.M. Schmal. New catalyst for hydrodenitrogenation (1996)

With T.M.S. Vitor. A bifunctional catalysts of Hds(1995)

With L.C. Diegues, M.A. Baldanza & R.S. Monteiro. Anti-pollutant catalysts (1995)

With A. Frydman, C.T. Campbell & D. Castner. A method for accurate quantitative XPS analysis of multimetallic or multiphase catalysts on support particles. J. Catalysis 157:133–44, 1995

## PATENT

With P.E.V. de Miranda, L.G. Desá, T.E.F. Gutierrez, S.A. Venancio, I.C.L. Leocádio, M.A.S. Baldanza & V.P. Vicentini. Method for the production of light hydrocarbons from gas with high methane content, a solid fuel cell used for the production of light hydrocarbons from gas with high methane content, and a catalyst for the production of light hydrocarbons from gas with high methane content. US20110189559 (2011)

## HONOURS

Humboldt Research Award, Stiftung Foundation (2002)

Best Poster, Japan Chemistry Institution, International Congress of Surface Science & Colloids (2000)

# Mary Agard Pocock

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mary Agard Pocock, South African phycologist (Rondebosch, Cape Town 31 December 1886 – Grahamstown 10 July 1977)

Recognized as a world authority on Volvocalean green algae systematics and morphology

Authored about 30 papers

## DESCRIBED VALID ALGAE TAXA

### Genera

*Aiolocolax* 1956 (Rhodophyta)

*Onychocolax* 1956 (Rhodophyta)

*Rhodomelopsis* 1953 (Rhodophyta)

*Astrephomene* 1954 (Chlorophyta)

### Species

*Aiolocolax pulchellus* 1956

*Astrephomene gubernaculifera* 1954

*Balticola capensis* 1960

*Balticola zimbabwensis* 1960

*Colacopsis velutina* 1953 with Martin

*Dysmorphococcus africanus* 1962

*Gelidiocolax margaritoides* 1953 with Martin

*Gelidiocolax suhriae* 1953 with Martin

*Gonimophyllum africanum* 1953 with Martin

*Gonium multicoccum* 1955

*Gonium octonarium* 1955

*Hydrodictyon patenaeforme*

*Janczewskia meridionalis* 1953 with Martin

*Microcolax africanus* 1953 with Martin

*Onychocolax polysiphoniae* 1956

*Plocamiocolax papenfussianus* 1953 with Martin

*Polysiphonia caespitosa* 1953

*Rhodomelopsis africana* 1953

*Selenoderma africana* 1933

*Sphaerocystis poweri* 1933

*Streblocladia tenuissima* 1953

*Volvox amboensis* 1933 with Rich

*Volvox capensis* 1933 with Rich

*Volvox gigas* 1933

*Volvox ovalis*

### Others

5 varieties and 4 forms

# Masayuki Okumura

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Masayuki Okumura, Brazilian surgeon (São Paulo 16 July 1927 –

From Japanese ancestry

Performed the second and third cases of intestinal transplantation in the world literature (1968-9)

First intestine transplant in the world in which the patient survived for 10 days (1968)

First to demonstrate the presence of *Trypanosoma cruzi* in intestinal myenteric plexus

First to reproduce megaesophagus, megastomach, megabladder and megacolon in experimental Chagas'disease

With A. Correa Netto. Experimental production of “megas” in animals inoculated with *Trypanosoma cruzi* (in Portuguese). Rev. Hosp. Clin. Fac. Med. S. Paulo 16:338-41, 1961

His work about pre-hospitalar first aid of patients that suffered traffic accidents gained international repercussion (1982)

With P.L.S. Pinto, R. Takami, E.V. Nunes, C.S. Guilherme , J. Gama-Rodrigues et al. Cytokine-like substance: origin and fate in Chagas disease. A new hypothesis about the local inflammatory reaction etiopathogenesis. (Experimental study in white mice). Rev. Hosp. Clin. 54(3):73-4, 1999

## PATENTS

Geradores elétricos gêmeos isômeros (Isomeric twin electric generators) PI0304864-0 (2005)

Energia elétrica hidro-elétrica (Hydroelectric electric power) PI0304895-0 (2005)

## HONOURS

Who's Who in the World, Marquis Who's Who Publications (1996)

International Man of the Year, International Biographic Center, Cambridge, England (1996-7)

Twentieth Century Achievement Award, Five Hundred Leaders of Influence, American Biographic Institute, United States (1997)

# Matias Gonçalves de Oliveira Roxo

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Matias Gonçalves de Oliveira Roxo, Brazilian geologist and paleontologist (Rio de Janeiro 21 April 1885 – Rio de Janeiro 02 August 1954)

Authored 67 works

## DESCRIBED FOSSIL TAXA

### Mollusca

*Artemon andradai* 1940

*Aylacostoma septecincta* 1937

*Aylacostoma woodwardi* 1924

*Biomphalaria bourguyi* 1924

*Ecuadoria minor* 1937

*Neritina etheridgi* 1924

### Brachiopoda

*Schizocrania rectangularis* 1926

### Vertebrata

*Alligator parahybensis* 1929 (Reptilia)

*Lepidotes piauihyensis* 1936 with Lofgren (Pisces)

*Roxochampsia paulistanus* 1936 (Reptilia)

*Trigodonops lopesi* 1921 (Mammalia)

## HONORS (Fossil)

*Roxoa* Mendes 1952 (Mollusca)

*Roxochelys* Price 1953 (Reptilia)

*Roxochampsia* Pinheiro, Pereira, Souza, Brum, Lopes, Machado, Bergqvist & Simbras 2018 (Reptilia)

# Mauricio Matos Peixoto

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Mauricio Matos Peixoto, Brazilian mathematician (Fortaleza 15 April 1921 – Rio de Janeiro 28 April 2019)

Invited Lecturer, International Congress of Mathematicians (1974)

## ACHIEVEMENTS

Attained international recognition on important results about stability of differential systems

Regarded as a pioneer in dynamical systems on surfaces

Introduced sigma decomposition or focal decomposition concept (1982)

Introduziu all-flows space (1959)

Modified original definition of structural stability of Andronov-Pontrjagin flows (1959)

Introduced closing lemma

Introduced metric space sigma of differential equations

Proved that structurally stable flows are dense on surfaces (c.1965)

Proved that flows on closed surfaces are generically structurally stable

Demonstrated structural stability of geometric surfaces

## EPONYMY

Peixoto theorem (1959)

Peixoto-Peixoto theorem (with Marília Chaves Peixoto)

Peixoto conjecture (1962)

Conley-Lyapunov-Peixoto graph (1959)

Peixoto picture

## LINKS

<http://www.ime.usp.br/~sotp/mmp.pdf>

[http://w3.math.uminho.pt/~dynappl2008/abstracts/Mauricio\\_Peixoto\\_CV.pdf](http://w3.math.uminho.pt/~dynappl2008/abstracts/Mauricio_Peixoto_CV.pdf)



# Mauricio Oscar Zamponi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mauricio Oscar Zamponi, Argentine marine zoologist

*Sagartia troglodytes* (Price, 1847) (Cnidaria: Sagartiidae) from the south-western Atlantic Ocean and the first evidence of spermatophores in sea anemones. Acta Adriatica 40(1):77-86, 1999

Developed some methods

Metodología para la cuantificación de algunas estructuras taxonômicas em Actiniaria (Cnidaria, Anthozoa) 1996

Una metodología para estudios cuantitativos de los cnidocistos (Actiniaria, Actiniidae) 1994

## DESCRIBED NEW CNIDARIA TAXA

### Genera

*Austroneophellia* 1978

*Corynactis* 1976

*Heptarradiata* 1988 with Genzano

*Lignopsis* 2000 with Perez

*Neoparacondylactis* 1974

*Octorradiata* 1988 with Genzano

*Paraisometridium* 1978

*Pentarradiata* 1988 com Genzano

*Ramirezia* 1979

*Tetraotoporpa* 1991

### Species

*Anemonia chubutensis* 1992 with Acuña

*Aulactinia marplatensis* 1977

*Austroneophellia luciae* 1978

*Corynactis sanmatiensis* 1976

*Euphysa monotentaculata* 1983

*Halipteris heptazooidea* 1992

*Heptarradiata rioplatensis* 1988 with Genzano

*Irenium alabiatum* 1999 with Gasca & Suarez Morales

*Irenium labiatum* 1999 with Gasca & Suarez Morales

*Isophellium madrynsis* 1992 with Acuña

*Lignopsis spongiosa* 2000 with Perez

*Neoparacondylactis haraldoi* 1974

*Octorradiata bonaerensis* 1988 with Genzano

*Parabunodactis imperfecta* 1992 with Acuña

*Paracalliactis mediterranea* 1982 with Ross

*Paraisometridium pehuense* 1978

*Pennatula argentina* 1992 with Acuña

*Pentarradiata estuariensis* 1988 with Genzano

*Phlyctenanthus regularis* 1992 with Acuña

*Psammanthus caraguaensis* 1998 with Belém, Schlenz & Acuña

*Ramirezia balzae* 1979

*Renilla musaica* 1995 with Perez

*Renilla octodentata* 1995 with Perez

*Renilla tentaculata* 1997 with Perez & Capitali

*Sagartianthus fasciarum* 1979

*Solmissus atlantica* 1983

*Stomphia pacifica* 1992 with Ross

*Stylatula polyzooidea* 1996 with Perez

*Tetraotoporpa siankaanensis* 1991

**Subspecies**

*Hydra vulgaris pedunculata* 2011 with Deserti & Escalante

**HONOURS**

International Culture Diploma of Honor, American Biographic Institute (1995)

# Mauricio Rocha e Silva

June 26, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Maurício Oscar da Rocha e Silva, Brazilian pharmacologist (Rio de Janeiro 19 September 1910 – São Paulo 19 December 1983)

Authored about 300 papers and 7 books

Co-authored with J. Garcia Leme & H. Rothschild Chemical Mediators of the acute inflammatory reaction edited by Pergamon Press in 1972 and worldwide used

With O.G. Bier noticed that the hemolysis is inhibited by hypertonic concentrations of NaCl (1935)

Demonstrated that role of histamine in the permeability of inflammation

With O.G. Bier. Histamine as the primary cause of the increased capillary permeability in inflammation (1939)

First stated the proteolytic theory of histamine release (1938)

Proved the heparin liberation in distinct types of shock

With S.O. Andrade & L.B. Teixeira. Coagulation defect in the shocks produced by trypsin peptone and ascaris extracts. Exp. Med. Surg. 4:260, 1946

With E.A. Scroggie, E. Fidler & L.B. Jaques. Liberation of histamine and heparin by peptone from isolated dog's liver. Proc. Soc. Exp. Biol. Med. 64:141, 1947

Discovered bradykinin

With W.T. Beraldo. Um novo principio autofarmacológico (bradiginina) liberado sob a ação de veneno de cobras e de tripsina. Ciência e Cult. 1:32-5, 1949

With G. Rosenfeld & W.T. Beraldo. Bradykinin, a hypotensive and smooth muscle stimulating factor released from plasma globulin by snake venoms and by trypsin. Am. J. Physiol. 156:261-73, 1949

Obtained the pure form of bradykinin

With S.O. Andrade. Purification of bradykinin by ion-exchange chromatography. Biochem. J. 64:701-5, 1956

First report of an epidemics of bovine cattle photosensibilization in the world caused by a plant besides elucidating this disease (Andradina, São Paulo State 1938)

Fotossensibilização em bovinos. "A peste das queimadas", doença produzida pelo *Holocalyx glaziovii*. Arq. Inst. Biol. (1940)

With A.M. Rothschild & I. Vugman established the role of cellular energetic metabolism in histamine release

## Papers in renowned journals

With A.M. Rothschild. Anaphylatoxin, histamine depletion and skin reactions in the rat. Nature 175 (4466):987-8, 1955

With O. Bier & M. Aronson. Histamine release by anaphylatoxin. Nature 168:465-6, 1951

With W.T. Beraldo. Effect of cations upon recovery of the guinea pig gut from inhibition by antihistaminics. Science 108 (2798):162-3, 1948

With S.O. Andrade & R.M. Teixeira. Fibrinolysis in peptone and anaphylatic shock in the dog. Nature 157:801, 1946

With S.O. Andrade. Antagonism between heparin and plasma trypsin. Science 102:670, 1945

## METHODS/TECHNIQUES

Method of assay of bradykinin upon the guinea pig gut. Acta Physiol. Lat. Am. 2(4):238-50, 1952

Developed an assay using Latin square design for histamine releasing action of anaphylatoxin

With A.M. Rothschild. Experimental design for bioassay of a material inducing strong tachyphylactic effect (anaphylatoxin). Br. J. Pharmacol. Chemother. 11(3):252-62, 1956

Concerning the theory of receptors in pharmacology. A rational method of estimation of p Ar. Arch. Int. Pharmacodyn. 118:74, 1959

With A. Antonio described perfusion method of rat paw subcutaneous tissue in Med. Exp. 3:371, 1960

Proposed an indirect method for calculating pAx based on the ratios between the slopes of reciprocal dose-effect regressions obtained in presence and absence of the antagonist

With C.R. Diniz, I. F. de Carvalho & J. Ryan. A micromethod for the determination of bradykininogen in blood plasma. Nature 192:1194-5, 1961

Developed a technique for detecting histamine in nano-quantities

With I. Vugman. Biological determination of histamine in living tissues and body fluids. In: Rocha e Silva, M. (editor). Handbook of experimental pharmacology, vol 18(1), 1966

With H. O. Schild developed the isolated diaphragm of guinea pig technique

Modified M. Rose device for myxomicetes rheotropism

With A. Dreyfus. Sobre certos aspectos do hygrotopismo das larvas de *Megaselia scalaris* Loew. Rev. Biol. Hyg. 6(1):36-8, 1935

## HONORS

Medicine & Physiology Nobel Prize nominee

# Maximiliano Ruiz Castañeda

June 26, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Maximiliano Ruiz Castañeda, Mexican biomedical scientist (Acambay, Mexico State 05 December 1896 – Ciudad de Mexico 01 October 1992)

With H. Zinsser & H. Mooser identified murine typhus (*Rickettsia typhi*) in 1930

With C. Carrillo Cardenas. A new approach to treatment of brucellosis. Am. J. Med. Sci. 226(5):504-8, 1953

## METHODS/TECHNIQUES

Proposed the differential stain for the detection of rickettsiae and chlamydial elementary bodies in tissue samples

A new stain for rickettsia bodies. J. Infect. Dis. 47(5):416-7, 1930

With H. Zinsser. Method of obtaining large amounts of *Rickettsia prowazeki* by x-ray radiation of rats. Exper. Biol. Med. 29(7), 1932

Perfected a vaccine for exanthematic typhus known as Castañeda vaccine (1938)

With R. Silva. A rapid bedside diagnostic test in typhus (1940)

Developed Ruiz Castañeda medium

With R. Tovar & R. Velez. Studies on brucellosis in Mexico. Comparative study of various diagnostic tests and classification of the isolate bacteria. J. Infect. Dis. 70:97-102, 1942

Selective agglutination, a possible substitute for the absorptive test in the classification of *Brucella*, *Salmonella* or their antisera (1942)

Developed bivalent vaccine for typhus (1944)

A serum agglutination technique in slides (1945)

Developed Castañeda rapid slide agglutination test for brucellosis

A practical method for routine blood culture in brucellosis. Proc. Soc. Exper. Biol. Med. 64:114-5, 1947

Developed surface fixation method, forerunner of immunoblot

Surface fixation. A new method of detecting certain immunological reactions. Proc. Exp. Biol. Med. 73(1):46-9, 1950

Improved apparatus for the isolation of *Brucella* and *Salmonella* by hemoculture. Bull. World Health Organ. 14(4):795-6, 1956

With M.A. de los Corvera & J. Olarte. A new medium for the isolation of *Brucella* and *Salmonella* by blood culture. Bull. World Health Organ. 14(4):797, 1956

An improved outfit for the isolation of *Brucella*, *Salmonella*, etc by blood culture (1957)

Rapid method for investigating the concentration of urea in the blood. Rev. Med. Hosp. Gen. 28(5): 369-71, 1965

Simplification of methods for the study of beta hemolytic *Streptococcus* in faryngeal exudates. Bol. Med. Hosp. Infant. Mex. 33(2):481-5, 1976

With Y. Naranjo. Rapid test for diagnosis of syphilis by means of the surface fixation method using as antigens VDRL and *Treponema pallidum* (strain Nichols). Arch. Invest. Mex. 9(4):559-64, 1978

A simple test for detection of specific and unspecific immunological reactions in cancer. Arch. Invest. Mex. 11(1):83-93, 1980

With A. Lopez Merino & F. Ruiz-Reyes. Rapid test for the diagnosis of onchocercosis. Bol. Med. Hosp. Inf. Mexico 39(4):265-7, 1982

Discovered an autovaccine procedure for allergies

## Papers in top journals

With H. Zinsser. Active and passive immunization in typhus fever. Proc. Natl. Acad. Sci. USA 20 (1):9-11, 1934

Bivalent typhus vaccine of high immunizing value. Science 96(2491):304, 1942

## HONORS

Honorary Fellow, American Society of Immunology (1944)

Visiting Professor, Tulane University (1945-6)

Fellow, New York Academy of Sciences (1955)

Medicine & Physiology Nobel Prize nominee (1965)

## EPONYMY

Castañeda bottle for culture of *Brucella*

Ruiz Castañeda biphasic blood culture

Zinsser-Ruiz Castañeda method

Ruiz Castañeda reaction for typhoid (similar to Huddleson reaction)

Ruiz Castañeda reaction for brucellosis

Ruiz Castañeda staining for Rickettsiae (1930)

# Mayandy Sivadasan

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mayandy Sivadasan, Indian botanist (1948 –

## DESCRIBED PLANTAE TAXA

### Genera

*Nanooravia* 2013 with Kiran Raj

*Thymocarpus* 1981 with Nicolson & Steyermark

### Species

*Amorphophallus bognerianus* 2009 with Jaleel

*Amorphophallus bonaccordiensis* 1994 with Mohanan

*Amorphophallus nicolsonianus* 1986

*Amorphophallus smithsonianus* 1989

*Arisaema agasthyanum* 1987 with Kumar

*Arisaema muricaudatum* 1985

*Arisaema nilamburens* 1983

*Arundinella thirumelliensis* 2014 with Sunil & Ratheesh

*Chrysopogon narayanae* 2017 with Sunil & Ratheesh

*Dimeria raviana* 2015 with Kiran Raj

*Dimeria veldkampii* 2008 with Kiran Raj

*Dysoxylum swaminathanianum* 2001 with Anil Kumar

*Eriocaulon vandaanamense* 2014 with Sunil & Ratheesh

*Fimbristylis pokkudaniana* 2016 with Sunil & Ratheesh

*Impatiens minae* 2011 with Ratheesh & Anil Kumar

*Impatiens theuerkaufiana* 2013 with Ratheesh

*Isachne edamalayarensis* 2016 with Sunil & Naveen Kum.

*Ixora agasthyalayana* 1991 with Mohanan

*Lagenandra keralensis* 2001 with Jaleel

*Milium gokhalei* 2012 with Ratheesh, Sujanapal & Anil Kumar

*Oberonia wynadensis* 1990 with Balakrishnan

*Pavetta bourdillonii* 1999 with Mohanan

*Pothos crassipedunculatus* 1989 with Mohanan

*Rotala dhaneshiana* 2014 with Sunil & Ratheesh

*Sida ravii* 1996 with Anil Kumar

*Sonerila gadgiliana* 2015 with Ratheesh

*Sonerila janakiana* 2017 with Ratheesh & Sunil

*Sonerila veldkampiana* 2013 with Ratheesh & Mini

*Therophonum fischeri* 1981

*Thymocarpus cannoideus* 1981 with Nicolson & Steyermark

*Typhonium blumei* 1981 with Nicolson

### Others

2 subspecies and 3 varieties

## HONORS

*Sivadasania* Mohanan & Pimenov 2007 (Apiaceae)

# Mazhar Mahmood Qurashi

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Mazhar Mahmood Qurashi, Pakistani physicist and crystallographer (Punjab 08 October 1925 – Islamabad 21 November 2011)

## SOME BIBLIOGRAPHY

With A.K.M. Ahsanullah. Fine structure discontinuities in the intermolecular activation energy of flow of 2% to 3% aqueous ethyl alcohol. *Proceed. Roy. Soc. London Ser. A Math Phys. Sci* 285 (1043):480-500, 1965

With M.H. Barnes. The structures of the minerals of the descloizite and adelite groups. V – Descloizite and conichalcite (Pt.3). *Can. Mineral.*8(1):23-39, 1964

With A.K.M. Ahsanullah. Preliminary determination of temperature dependence of refractive index of water and its first derivative. *Pakist. J. Scient. Ind. Research* 6:243, 1963

Use of anti-symmetric component of the Patterson and Fourier functions for the solution of problems involving small atomic shifts from positions of super-symmetry. *Acta Crystal.* 16:307, 1963

Possible existence of jumps in activation energy of flow in some molten metals. *J. Phys. Chem.* 67:955, 1963

With M.T. Qureshi. The anomalous behavior of solutions of simple aromatic compounds in straight-chain hydrocarbons and mineral oils (I.). *Pak. J. Sci. Ind. Res.* 5(4):222-8, 1962

With Z. Rahman. The influence of long chain phenolic additives on the viscosity of mineral oils. Part V. Phenomena occurring in the proximity of the miscibility limit in mixtures of allyl catechol and mineral oil. *Pak. J. Sci. Ind. Res.* 3(1):23-30, 1962

The polymorphism and hydration characteristics of hewettite and metahebettite. *Canad. Mineral.* 6(5):647-62, 1961

With A.K.M. Ahsanullah. Investigation of periodic discontinuities in the mutual potential energy of molecules of water and some polyhydric alcohols. *Brit. J. Appl. Physics* 12(2), 1961

With A.K.M. Ahsanullah. Studies in the properties of heat insulating building materials. Part II. The thermal conductivity of binary mixtures with particular reference to cellular concrete. *Pakist. J. Sci. Ind. Research* 2:1-6, 1959

Studies in the relationship between viscosity and molecular structure. Part I. Temperature dependence of viscosity of certain typical mineral oils. *Pak. J. Sci. Ind. Research* 1:116, 1958

With M.H. Barnes. The structures of the minerals of the descloizite and adelite groups. I – Descloizite and conichalcite (Pt.1). *Am. Mineral.* 39:416-35, 1954

An analysis of the efficiency of convergence of different methods of structure determination. I. The methods of least squares and steepest descents: centrosymmetric case. *Acta Crystal.* 6:577-88, 1953

With V. Vand. Weighting of the least-squares and steepest descents methods in the initial stages of the crystal structure determination. *Acta Crystal.* 6:541-9, 1953

With M.H. Barnes. The structure of pucherite,  $\text{BiVO}_4$ . *Am. Mineral.* 38:489-500, 1953

An extension of the inequalities method of sign determination by means of negative-density transforms. *Acta Crystal.* 6:103, 1953

A discussion of the Cox and Shaw factor for oblique incidence and the film-to-film factor in multiple-film exposures. *Acta Crystal.* 6:668, 1953

With M.H. Barnes. Unit cell and space group data for certain vanadium minerals. *Am. Mineral.* 37:5-6, 407-22, 1952

With I.G. Edmunds. The structure of the eta phase in the silver-zinc system. *Acta Crystal.* 1:417-27, 1951

Optimal conditions for convergence of steepest descents as applied to structure determination. *Acta Crystal.* 2:404-9, 1949

With M.M. Husain. Studies in the electrical insulation properties of natural and synthetic materials. Part II – Analysis of the high and low voltage measurements on humidified wood and “jutoid”. *Pak. J. Sci. Ind. Research*

Studies in the influence of long-chain phenolic additives in the viscosity of mineral oils. Part I. Mixture of mineral oil with Bhilawanol and its derivatives. *Pak. J. Sci. Ind. Research*

With P. J. Hendra. On the  $\pi$  bonding in some transition-metal hexacarbonyls.

# Meghnad Saha

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Meghnad Saha, Indian physicist (Seoratali, Dhaka, Bengal 06 October 1893 – New Delhi 16 February 1956)

## ACHIEVEMENTS/BIBLIOGRAPHY

On a new theorem in elasticity. J.Asatic Soc. Bengal (NS) 14:421, 1918.

Developed Saha-Bose equation of state for a nonideal gas (1918)

First to recognize the theory of thermal ionization for interpretation of stellar spectra

Derived Saha thermal ionization equation used to investigate stellar spectra

Ionization of Solar Chromosphere. Phil. Mag. 40:472, 1920.

With R.C. Majumder. On new methods in statistical mechanics. Phil. Mag. 9:584, 1930

Enunciated Saha phenomenon and derived Dirac-Saha equation from Dirac's quantization condition for magnetic monopoles

The origin of mass in neutrons and protons. Ind. J. Phys. 10:145, 1936

With Amarnath Tandon. A new model demountable vacuum furnace. Proc. Nat. Acad. Sci. India 6:212, 1936.

Invented a device for measuring weight and pressure from Sun rays

First to point out the need to make astronomical observations from outside the earth's atmosphere (1937)

Predicted the 21 cm line of atomic hydrogen from the hyperfine structure independent from Van de Hulst (1944)

## HONORS

Saha Moon crater

Physics Nobel Prize nominee (1930, 1937, 1939, 1940, 1951 & 1955)

See [WWW.saha.ac.in/cs/archive.mns/mns2.htm](http://www.saha.ac.in/cs/archive.mns/mns2.htm) See <http://www.saha.ac.in/cs/archive.mns/mns2.htm>.

# Melih Tokay

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Melih N. Tokay, Turkish geologist (Thessalonike 01 January 1920 – Ankara 16 July 1986)

## SOME BIBLIOGRAPHY

On some Variscan events in the Amasra district of the Zonguldak coalfield (Northern Anatolia). IGCP5 Newsl. 3:140-51, 1981

Geological observations on the North Anatolian Fault Zone between Gerede and Ilgaz. Proceed. North Anatol Fault earthquakes Symp. MTA Publ. p.12-29, 1973

The geology of the Amasra region with special reference to some Carboniferous gravitational gliding phenomena (1962)

Geologie de la region de Bartin (Zonguldak). Bull. Miner. Res. Explor. Inst. Turk 46-7:46-63, 1954

Contribution à l'etude géologique de la région comprise entre Eregli, Alapi, Kiziltepe et Alacaagzi. Bull. Min. Res. Explor. Inst. Turk 44-5:35-78, 1953

With W.J. McCallien. Sedimentation phenomena of the Cretaceous of the Black Sea region between Zonguldak and Eregli, Asia Minor (1948)

Micrographie du Crétacé Supérieur de la nappe de Morcles entre le col de Bretolet et le Pas de Cheville. Thesis (1948)

With O. Bayramgil. Note sur um hot de schistes cristallins au Nord de Usak (Turquie). Turkiye Jeol. Kurumi Bull. 1(1):142-9, 1947

Présence d'oligoclase basique-andésine authigene dans le Crétace Supérieur helvétique. Compt. Rend. Seances Soc. Phys. Hist. Nat. Geneve 61(3):291, 1944

With N. Tolun. Sur la presence du Sénonien dans la nappe de Morcles au SE et au SO d'Anzeindaz. C.R. Séances Soc-Phys Hist. Nat Geneve 60(3):254-6, 1943

## HONORS (Fossil)

*Tokayisporites* Agrali 1969 (Sporae)

*Tokayella* Altiner, Ozkan & Okan 1990 (Foraminifera)



# Mengchao Wu

August 25, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mengchao Wu, Chinese chest surgeon (Minqing County, Fuzhou Province 31 August 1922 – Shanghai 22 May 2021)

## Achievements

Proposed the five lobe and four segment of liver theory (1960)

Developed a operation of intermittent interruption of the porta hepatis at room temperature (1963) that evolved to a technique of normothermic total hepatic vascular occlusion for hepatectomy (1980s)

Obtained the first successful lobectomy of the middle liver in the world (1963)

Removed the largest hepatic cavernous hemangioma in the world of its day (1975)

Conducted the world's first laparoscopic resection of liver tumors (1990s)

Proposed ideas as repeat hepatectomy for postoperative recurrent liver cancer and secondary resection for larger tumors (two-stage resection)

Originated hepatic artery ligation

Proposed biochemical metabolic rules of normal and cirrhotic liver after hepatectomy and established strategies to prevent and correct postoperative metabolic disorders

## Honors

17606 Wumengchao (Asteroid)

# Michael Tistl

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Michael Tistl, German-born Colombian geologist (Unterkirchberg 16 August 1955 – La Paz, Bolivia 17 August 2013)

Rediscovered Salado de Consotá, a site with great historical and archaeological value

Recorded photographically the soils of Pereira-Armenia variant

## SOME BIBLIOGRAPHY

Primäres und sekundäres Gold in den N-bolivianischen Anden. – GDMB: Edelmetalle, Exploration und Gewinnung, Schr. Rh. GDMB 52:83-98, 1985

With H.J. Schneider. The Variscan thermometamorphism and its relations to gold-quartz mineralizations in the NE Cordillera Real, Bolivia. Zbl. Geol. Paläontol. 1(9/10): 1579-89, 1985

With U.F. Hein. Characteristics of fluid inclusions in the porphyry copper deposit of La Granja/Peru. Chem. Geol. 61 (1987):183-192, 1985

Die Goldlagerstätten der Cordillera Real/Bolivien und ihr geologischer Rahmen. Diss., Berl. Geowiss. Abh. (A), 65, 135 p., 1985

The Bolivian tin province and regional tin distribution in the central Andes: a reassessment. Economic Geology 85:1044-58, 1990

With R. Salinas. A Tertiary zoned ultramafic complex and komatiitic basalts from Condoto, Chocó, NW Colombia. Zbl. Geol. Paläontol. 1 (6): 1659-78, 1991

A Tertiary zoned ultramafic complex and komatiitic basalts from Condoto, Chocó, NW Colombia. Zentralblatt Fur Geologie Und Palaontologie 1(6):1659-78, 1992

Individual fractionation of platinum and ruthenium in zoned ultramafic complexes – the Alto Condoto Complex, NW Colombia. – Festschr. 70. Geburtstag Prof. H.J. Schneider, 159-171, 1993

With G. Salazar. The tectono-magmatic evolution of North-Western South America. Zbl. Geol. Paläontol., 1(1/2):439-452, 1993

With K.P. Burgath. Accessory-type ferroplatinum mineralization in the dunitic core of the Condoto Alaskan-type complex, NW Colombia. Terra abstracts, Abstr. Suppl. No. 3 to Terra Nova 5:7, 1993

Metodología para explorar mineralizaciones Primarias de PGM en el río Condoto, Chocó, Colombia. Bol. Geol. – Ingeominas 33(1):16, 1993

Geochemistry of platinum-group elements of the zoned ultramafic Condoto complex, NW Colombia. Econ. Geol. 89:158-167, 1994

Origin and emplacement of Tertiary ultramafic complexes in northwest Colombia: Evidence from geochemistry and K-Ar, Sm-Nd and Rb-Sr isotopes. Earth And Planetary Science Letters 126:41-59, 1994

With R. Salinas & K.P. Burgath. Geología, Mineralogía y Química del Complejo Ultramáfico del Alto Condoto, Chocó, Colombia. Bol. Geol. Col., 34 (1):58, 1994

With K.P. Burgath, A. Höhndorf, H. Kreuzer, R. Muñoz & R. Salinas. Origin and emplacement of Tertiary ultramafic complexes in northwest Colombia: Evidence from geochemistry and K-Ar, Sm-Nd and Rb-Sr isotopes. Earth Planet. Sci. Lett., 126:41-59, 1994

With K.P. Burgath. Accessory-type ferroplatinum mineralization in the dunitic core of the Condoto Alaskan-type complex, Chocó, Colombia. Econ. Geol. (1995)

With T. Weiser & K.P. Burgath. Mineralogy of primary and placer Platinum-group minerals of the Condoto area, NW Colombia. Can. Mineral (1995)

## HONORS

*Tistlia* Díaz Cardenas, Patel & Baena 2010 (Bacteria)

# Miguel Angel Soto

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Miguel Angel Soto Arenas, Mexican orchidologist (Torreón, Coahuila State 12 July 1963 – Torreón, Coahuila State 27 August 2009)

Described over 160 orchid species and subspecies

## HONORS

Sotoa Salazar 2010 (Orchidaceae)

# Miguel Angel Virasoro

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Miguel Angel Virasoro Regnasco, Argentine theoretical physicist (Buenos Aires 09 May 1940 – Buenos Aires 23 July 2021)

## ACHIEVEMENTS

- With R. Baviera. A method that reveals the multi-level ultrametric tree hidden in p-spin glass like systems. J. Statis. Mech. Theory Exper. (2015)
- With M. Campellone & G. Parisi introduced a method to calculate the finite volume corrections to the mean Field results for the free energy when replica symmetry is broken at one step in J. Statis. Phys (2009)
- With S. Franz showed that the relaxation of “thermo-remnant magnetization” follows a generalized version of the Onsager regression postulate of induced fluctuations in J. Phys. A Gen. Phys (2000)
- With M. Mezard & G. Parisi. SK Model: the Replica Solution without replicas. Europhys. Lett. (1986)
- With G. Parisi, M. Mezard, N.Sourlas & G. Toulouse discovered the ultrametric organization of low temperature spin glass states in infinite dimensions (1984)
- Variational principle for two-dimensional incompression hydrodynamics and quasigeostrophic flows. Phys. Rev. Letters (1981)
- With F. Gliozzi & T. Regge showed that gauge fields can be seen as phonon excitations in a condensate of dual strings in Phys. Letters B (1979)
- Simple dual-resonance model for inclusive reactions. Phys. Review (1971)
- With K. Kikkawa, S.A. Klein & B. Sakita presented a general formulation of duality theory including nonplanar Feynman-like diagrams (1970)
- Discovered finite dimension algebras that bears his name (1969)
- Generalization of Veneziano’s formula for the five-point function. Phys. Rev. Letters (1969)
- With D. Amati, R. Iengo, H.R. Rubinstein et al established a “scale-law” for different form factors and the dependence on the spin of the hadron (1968)

## EPONYMY

- Virasoro modes
- Virasoro operators
- Virasoro restrictions
- Virasoro groups
- Virasoro actions
- Virasoro conditions
- Virasoro relations
- Virasoro minimal model
- Shapiro-Virasoro model
- Virasoro-Shapiro amplitude (1969)
- Virasoro vertex operator algebra
- Virasoro conjecture
- Virasoro conformal block

# Miguel C. Rubino

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Miguel Rubino Carroccia, Uruguayan veterinarian (Durazno 12 December 1886 – Pando, Canelones 07 May 1945)

Son of Italian immigrants

Added the letter C to one distinguish from a namesake

Authored 54 works

## DISCOVERIES

First demonstrated that premunition was transmissible to sheep

Demonstrated that ticks of cattle can inhabit and develop in other species like sheeps and goats

Established concentration and time of acaricide baths

## METHODOLOGY

Developed a method for studying *Trichinella spiralis* larvae in conserved meat

Metodo para constatar el estado de vida o muerte de las larvas de triquinas (*Trichinella spiralis* Owen) enquistadas, en las carnes conservadas. Rev. Minist. Industrias 7:47, 1919

Developed a serological complement fixation reaction for diagnosis of leprosy (Rubino reaction or test) and its improvements

Una nueva reacción serologica de la lepra. Rev. Med. Vet. 9(2):28, 1926

Sero-diagnostic de la lepre par l'agglutino-sedimentation des globules de mouton formoles. Ann. Inst. Pasteur XLVII:147, 1931

Les antigenes lipidiques d'organes dans le serodiagnostic. Nouvel antigene de séro-floculation dans le lepre. Compt. Rend. Seances Soc. Biol. Tome CXVII, 12 juillet 1934

Developed a technique to study and dosing bilirubin in urine

With N. Vojevodsky. Sobre una técnica para la investigación y dosificación de la bilirrubina en la orina. Anal. Asoc. Quim. Farm. Uruguay XLV(1):25, 1942

# Miguel Fernando Soria

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Miguel Fernando Soria, Argentine palaeontologist (Buenos Aires 24 December 1952 -25 October 1990)

## DESCRIBED MAMMALIAN FOSSIL TAXA

### Orders

Eolitopterna 2001

Notopterna 1989

### Families

Notonychoptidae 1989

Sparnotheriodontidae 1980

### Genera

*Eoastrapostylopsis* 1981

*Lambelaconops* 2001

*Mesungulatum* 1985 with Bonaparte

*Neobrachytherium* 2001

*Neodolodus* 1986 with Hoffstetter

*Notonychops* 1989

*Pternoconius* 1983 with Cifelli

*Salladolodus* 1983 with Hoffstetter

*Satshatemnus* 1989

*Sparnotheriodon* 1980

*Taubatherium* 1989 with Alvarenga

*Thadanius* 1983 with Cifelli

*Thoatheriopsis* 2001

### Species

21

## HONORS (Fossil Mammalia)

*Miguelsoria* Cifelli 1983

*Soriacebus* Fleagle, Powers, Conroy & Walters 1987

*Soriamys* Kramarz 2001

# Miguel Puiggari

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Miguel Puiggari Llobet, Spanish-born Argentine chemist (Barcelona 26 April 1827 – Buenos Aires 14 April 1889)

Discovered a new mineral

Niqueluranita, o nuevo mineral de níquel y uranio del Cerro de Famatina. An. Soc. Cien. Arg. 1:339–40, 1876

Developed new dosage methods

Invented ammonio-nitrometry

Amoninitrometría o nueva sistema para dosar el amoniaco, el azoe de las materias orgánicas y el acido nítrico existentes en la atmosfera libre o confinada, en las tierras, en los abonos, etc. Rev. Farmacia 11:173–88, 1873

## PATENTS

The tick pesticide Sarnol (1903)

With N. Venezia. Process for the purifying and clarifying of water. US1392524A (1917)

A patent about guano production from industrial wastes

# Miguel Ramírez Goyena

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Miguel Ramírez Goyena, Nicaraguan scientist (Leon 05 December 1857 – Managua 23 June 1927)

He is most known as a botanist

## DESCRIBED PLANT TAXA

### Genera

*Perenideboles* 1911 (Acanthaceae)

*Pochota* 1909 (Bombacaceae)

### Species

*Acacia glutea* 1909

*Asclepias plumierifolia* 1911

*Bixa upatensis* 1909

*Boldoa ovatifolia* 1911

*Capparis zelayana* 1909

*Cassia inaequilatera* 1909

*Chaetogastra dichotoma* 1909

*Cissus digitinervis* 1909

*Gaudichaudia chamorrii*

*Gesnera elliptica* 1911

*Gossypium nicaraguense* 1909

*Gossypium volubile* 1909

*Hiraea cycloptera* 1909

*Jussiaea gomezi* 1909

*Leucaena blancii* 1909

*Lorentea castellaniana* 1911

*Montanoa trilobita* 1911

*Perenideboles ciliatum* 1911

*Phytolacca altamiranii* 1909

*Pochota vulgaris* 1909

*Reana luxis* 1911

*Schoenus molle* 1911

*Schrankia trijuga* 1909

*Solanum mamosissimum* 1911

*Spathodea cymosa* 1911

*Wigandia darii* 1911

### Varieties

More than 15



# Mithan Lal Roonwal

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mithan Lal Roonwal, Indian entomologist and primatologist (Jodhpur, Rajasthan State 18 September 1908 – Jodhpur, Rajasthan State 22 July 1990)

Authored about 400 works

Proposed Roonwal hypothesis on prediction of desert locust swarms (1946)

On a new evolutionary phenomenon: the sharp increase of intraspecific variation in minimum populations, as evidenced by desert locus. *Rec. Indian Mus.* 51(4):481-525, 1953

Population dynamics and evolutionary problems in the desert locust with a new theory on gregarization. *J. Zool. Soc. India* 9(1):72-96, 1957

Showed the taxonomic value of micro-sculpturing on the wings of the various families of the Isoptera (1973)

With S.C. Verma & M.L. Thakur. On a new systematic character in termites, the micrasteres. *Zeitschr. Zool. System. Evol.* 12(1):55-76, 1974

On a new phylogenetically significant ratio (width/length) in termite eggs (Isoptera). *Zool. Anz.* 195(1-2):43-50, 1975

First to note geographic patterns in the shape in which gray langurs carried their tails (1979)

Described the genus *Indotermes* 1960 with Sen-Sarma and about 60 species in Isoptera

Described the mammalian subspecies *Rattus rattus bullocki* 1984 and co-described the amphibian species *Chirixalus cherrapunjiae* 1966 with Kripalani

## HONORS

*Roonwalitermes* Bose 1997 (Isoptera)

# Moacyr Rossi Nilsson

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Moacyr Rossi Nilsson, Brazilian veterinarian (São Paulo 03 October 1927 – São Paulo 18 July 1992)

Authored about 50 works

Gained international recognition for his studies on rabies

Published the first work on resistance genetics to rabies virus

With M. Siqueira, O.A. Sant'Anna, T.T. Nilsson & M. Genari. Rabies virus immunity in genetically selected high and low responder lines of mice. *Infect. Immunol.* 25(1):23-6, 1979

## SOME BIBLIOGRAPHY

With R.A. Silva & G.V. Rivello. Isolamento de vírus rabico de morcego não hematófago da espécie *Phyllostomus hastatus hastatus* (Pallas). *Arq. Inst. Biol. Animal* 4:115-20, 1961

With O.A. Pereira, W. Sugay & E.E. Trapp. Ocorrência de encefalomielite equina em Itaporanga, Estado de S. Paulo. II. Estudos sorológicos. *Rev. Inst. Med. Trop.* 6:1-4, 1964

With W. Sugay. Rabies diagnosis. Comparative study of Negri bodies and the mouse inoculation tests. Study of rabie animals chiefly livestock. *Arq. Inst. Biol.* 33(1):11-16, 1966

With W.M. Correa. Isolamento do vírus do aborto equino no Estado de São Paulo. *Arq. Inst. Biol.* 33:23-5, 1966

With W. Sugay. O uso de camundongos lactentes no diagnóstico da raiva. *Arq. Inst. Biol.* 33:47-8, 1966

Isolamento de vírus da raiva de morcegos hematófagos do Estado de São Paulo, Brasil. *Bol. Of. San. Panam.* 60:310-5, 1966

With W.M. Correa. Hepatitis due to equine abortion virus. Comparison between the liver histology in human, canine, duckling and equine viral hepatitis. *Canad. J. Comp. Med. Vet. Sci.* 30:112-6, 1966

With N.S. Piegas. Ectima contagioso em ovinos no Estado de São Paulo. *O Biológico* 34(12):265-8, 1968

With W. Sugay, O.L. Pasqualin & S.B.K. Muller. Rabies diagnosis. Comparative study on susceptibility of adult and suckling mice. *Arq. Inst. Biol.* 35:43-7, 1968

Comunicação: Diagnóstico da raiva. Observações sobre as amostras de vírus de baixa patogenicidade. *Arq. Inst. Biol.* 36:63-5, 1969

With A. Ribeiro Netto, O. Miguel, M. Mizuno & F.Nikitin. Estudo comparativo de vacina anti-rábica de uso bovino. *Bol. Of. San. Panam.* 70(6):538-43, 1971

With A. Ribeiro Netto, J. de Angelis Cortes, M. Mizuno & O.Miguel. Comparative study of cattle anti rabies vaccine. II. Protection conferred by Alurabiffa, Era and Formidogel vaccines. *Zbl. Vet. Med. B* 20 (5):378-404, 1973

With J. de Angelis Cortes. Influence of the virus quantity on the results of the serum-neutralization test in mice for measuring the antirabic antibodies. *Rev. Fac. Med. Vet. Zootecn. Univ. S. Paulo* 11:95-106, 1974

With C.A. Nagata. Isolamento do vírus rabico do cérebro, glândulas salivares e interescapular, coração, pulmões e testículos de morcego *Desmodus rotundus* no Estado de São Paulo. *Arq. Inst. Biol.* 42:183, 1975

With F.M. Rodrigues, C.A. Nagata & E.M.P. Peixoto. Isolamento do vírus da raiva de morcego insetívoro *Molossus obscurus* (Geoffroy, 1805), no Estado de São Paulo. *Arq. Inst. Biol.* 42:193-6, 1975

# Mohamed Abdel-aziz Zaher

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Mohamed Abdel Aziz Zaher, Egyptian acarologist (fl.1958)

Authored about 130 papers

## DESCRIBED ACARI TAXA

### Genera

*Septobia* 1982 with Gomaa & El Enany

*Hemitarsocheylus* 1975 with Soliman

### Species

*Aceria imperata* 1978 with Abou Awad

*Aceria melongenae* 1978 with Abou Awad

*Aceria olivi* 1978 with Abou Awad

*Aculops malus* 1979 with Abou Awad

*Aegyptobia salixi* 1969 with Yousef

*Amblyseiella denmarki* 1986 with El Brollosy

*Amblyseius cynodactylus* 1969 with Shehata

*Amblyseius numae* 1969 with Shehata

*Aponychus solimani* 1982 with Gomaa & El Enany

*Arctoseius bilinear* 1986

*Bdella lattakia* 1976 with Soliman

*Biscirus simplexus* 1976 with Soliman

*Bryobia meyerus* 1982 with Gomaa & El Enany

*Cenopalpus fewstrii* 1969 with Yousef

*Cenopalpus tamarixi* 1984

*Cheyletus acarophagus* 1967 with Soliman

*Chiapacheylus desertorum* 1969 with Soliman

*Chiapacheylus macrocorneus* 1969 with Soliman

*Cyta reticulata* 1976 with Soliman

*Dermoglyphus atyoeii* 1982 with Rakha

*Eotetranychus zaheri* 1982 with Gomaa & El Enany

*Eupalopsis aegyptiaca* 1966 with Soliman

*Eupalopsis olearius* 1979 with Gomaa

*Eupalopsis (Mediolata) pentascuta* 1979 with Gomaa

*Eutogenes punctata* 1965 with Soliman

*Exothortis sudanicus* 1974 with Yousef

*Gamasellodes zaheri* 1986

*Hemitarsocheylus pilosus* 1975 with Soliman

*Hirstia egyptiaca* 1981 with Rakha

*Ker bakeri* 1967 with Soliman

*Langella summersi* 1982 with Gomaa & El Enany

*Lasioseius africanus* 1986

*Lasioseius zaheri* 1986

*Metaseiulus pedoni* 1969 with Shehata

*Microlichus passerinus* 1982 with Rakha

*Neophyllobius (Decaphyllobius) citri* 1967 with Soliman

*Neophyllobius aegyptium* 1967 with Soliman

*Neophyllobius gonzali* 1979 with Gomaa

*Neophyllobius mangiferus* 1979 with Gomaa

*Neophyllobius sycomorus* 1979 with Gomaa

*Oligonychus (Reckietta) krantzi* 1982 with Gomaa & El Enany

*Oligonychus (Reckietta) sayedi* 1982 with Gomaa & El Enany

*Oligonychus vitis* 1965 with Shehata

*Oppia bayoumi* 1980 with Shereef

*Oxycenus niloticus* 1980 with Abou Awad

*Paralorryia (Bruchytideus) bakeri* 1981 with El Bagoury

*Petrobia (Mesotetranychus) lycopersici* 1982 with Gomaa & El Enany

*Phytoptipalpus aegyptetrapodus* 1969 with Yousef

*Phytoptus nalepi* 1979 with Abou Awad

*Proctaelaps aegyptiacus* 1986

*Proctaelaps orientalis* 1986

*Protagamasellus minutus* 1986

*Pulaeus niloticus* 1986 with El Bishlawy

*Raphignathus bakeri* 1979 with Gomaa

*Raphignathus ehari* 1979 with Gomaa

*Raphignathus evansi* 1979 with Gomaa

*Schizotetranychus tuttlei* 1982 with Gomaa & El Enany

*Septobia aegyptiacus* 1982 with Gomaa & El Enany

*Septobia bakeri* 1982 with Gomaa & El Enany

*Tetranychus (Tetranychus) attiahi* 1982 with Gomaa & El Enany

*Tetranychus (Armenychus) eharai* 1982 with Gomaa & El Enany

*Tuckerella nilotica* 1969 with Rasny

*Typhlodromina sycomorus* 1969 with Shehata

*Typhlodromus tetramedius* 1970 with Shehata

**HONORS**

*Zaheranychus* El Enany 2003 (Acari)

# Mohammad Ataur Rahman

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mohammad Ataur Rahman, Pakistani biochemist (Ajmer, British India 24 June 1929 – Karachi 26 September 2015)

Authored over 200 research papers and 6 books

## ACHIEVEMENTS

Developed animal model of malnutrition

Demonstrated that the malnutrition can be successfully overcome by especially reconstituted vegetable protein-rich diet

Showed that the glycolytic pathway plays important role in diabetics as well as in senile cataract formation

His studies on urolithiasis and schizophrenia have attracted international recognition

## SOME BIBLIOGRAPHY

With A. Gul & S.N. Hasnain. Role of fructose concentration on cataractogenesis in senile diabetic and non-diabetic patients. Graefes Arch Clin Exp Ophthalmol. 247(6):809-14, 2008

With M. Abdulkader. Studies on the biochemical characteristics of malnutrition in Pakistani infants and children. Brit. J. Nutrition 28:191, 1992

With A. Khanam & B. Rahman. Role of vitamins in urolithiasis. Biomed. Pharmacother. 42:609, 1988

With B. Rahman & Z. Hassan. Variation of copper and ceruloplasmin levels with liver function tests in schizophrenic patients. Biomed. Express. 29:238-41, 1978

With B. Rahman & Z. Hassan. Copper and ceruloplasmin in schizophrenia. Biochem. Soc. Trans. 4:1138-9, 1976

With G. Ahmad. Effects of undernutrition and protein malnutrition on brain chemistry. J. Nutr. 105:1090, 1975

With T. Khan. Prevalence of liver function impairment in women of child bearing ages. J. Pak. Med. Ass. 22:94, 1972

With S. Shahjehan. Studies on the etiology of urolithiasis in Karachi. Am. J. Clin. Nutr. 24(1):32-7, 1971

With B. Parveen & Z. Hassan. Serum pseudocholinesterase activity in schizophrenia. Clin. Chim. Acta 30:497, 1970

With N. Afroz & B. Ketorski. Significance of urinary urea-creatinine and hydroxyproline ratios in protein malnutrition. Pak. J. Biochem. 3:29, 1970

# Mohammed Abdul Zaher

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mohammed Abdul Zaher, Bengali geologist (c.1932 – Dhaka 27 August 2017)

Proposed the existence of a new mineral in his thesis which later was called zaherite

## **SOME BIBLIOGRAPHY**

Peat deposit of Kola Moza, Khulna, East Pakistan. Inter. Geol. Report 2, Geol. Survey of Pakistan, Quetta, 1963

With W. Ahmed. Paharpur Gondwana coalfield and subsurface geology of Rajhashi division, East Pakistan. Geol. Survey of Bangladesh, 1965

A study of the clays of the Salt Range and Kala-Chitta Hills, West Pakistan. Thesis, Michigan Technological University, 148 pp. 1969

Jamalganj coal – its quantity, quality and minability. Petroleum and Mineral Resources of Bangladesh, 1980

# Mohammed Nizamuddin

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mohammed Nizamuddin, Pakistani phycologist (Atsar, Bihar, India 11 January 1930 – Karachi 16 January 2011)

Authored 120 research papers and 5 books

## DESCRIBED ALGAE TAXA

### Family

Seirococcaceae 1962

### Valid Genus

*Stolonophora* 1969 (Phaeophyceae)

### Species

*Bryopsis aishae* 1995

*Bryopsis manorensis* 1995

*Bryopsis pakistanica* 1995

*Bryopsis qasimensis* 1995

*Caulerpa faridii* 1964

*Caulerpa manorensis* 1964

*Caulerpa qureshii* 1964

*Chaetomorpha gigonii* 1965 with Shabdir Ali (Fossil)

*Closterium pakistanicum* 1995 with Masud ul Hassan & T. Rasool

*Codium afaqhusainii* 2001

*Codium aliyae* 2001

*Codium bilobum* 2000

*Codium boergesenii* 2001

*Codium faridii* 2000

*Codium fastigiatum* 2001

*Codium fimbriatum* 2000

*Codium gerloffii* 2000

*Codium hawkesbayense* 2001

*Codium islamii* 2000

*Codium laevigatum* 2001

*Codium manorense* 2001

*Codium pakistanicum* 2000

*Codium pseudolatum* 2001

*Codium robustum* 2001

*Codium saifullahi* 1999

*Codium shameeli* 1997

*Codium tobrukense* 1993 with El Menifi Fathalla

*Cottoniella libyensis* 1990 with Godeh

*Cystophora congesta* 1964 with Womersley

*Cystophora cymodocea* 1964 with Womersley

*Cystoseira masoudii* 1995

*Cystoseira susanensis* 1975

*Cystoseira wildprettii* 1995

*Dermonema abbottiae* 1991 with Afaq-Husain & Shameel

*Dictyota dhofarensis* 2006 with A.C. Campbell

*Dictyota hauckiana* 1975

*Dictyota kohlmeieri* 1980 with Gerloff

*Halaplegma anweri* 1973 with Shameel

*Myriodesma harveyanum* 1967 with Womersley

*Myriodesma peronii* 1967 with Womersley

*Polysiphonia kieliana* 1975 with

*Sargassum ramentaceum* 1991 with Zarmouth

*Sirogonium khorienae* 1995 with Masud ul-Hassan

*Styopodium shameelii* 1996 with K. Aisha

*Ulva grandis* 1977 with Saifullah

*Vaucheria karachiensis* 2003 with Saifullah & Gul

## HONORS

*Nizamuddin* P.C. Silva 1966 (Phaeophyceae)



# Mohammed Zaka ur Rab

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Mohammed Zaka ur Rab, Indian entomologist (28 December 1936 –

## DESCRIBED NEW SPECIES

*Aciura kashmirica* 1977 (Diptera)

*Craspedoxantha indica* 1961 (Diptera)

*Dacus (Callantra) munroi* 1961 (Diptera)

*Zakaella alami* 1963 (Hymenoptera)

## SOME BIBLIOGRAPHY

### Morphology

Morphology of the male terminalia of *Aedes aegypti* Linnaeus, the yellow fever mosquito (Diptera: culicidae). Beitr. Ent. 30(1):9-14, 1980

Morphology of the male terminalia of *Sphaerophoria indiana* Big. (Diptera, Syrphidae). Zool. Jb. Anat. 101:397-403, 1979

Morphology of the male genitalia of *Hippobosca maculata* L. (Diptera: Hippoboscidae). Zool. Anz. 203:182-8, 1979

Morphology of the male terminalia of *Basilia (Paracyclopodia) burmensis* (Theodor) (Diptera: Nycteribiidae). Zool. Anz. 203:177-81, 1979

Morphology of the male terminalia of *Scatophaga stercoraria* L. (Diptera, Scatophagidae). J. Entomol. Res. 3:25-31, 1979

Morphology of the head capsule of *Bathyaulax alami* Zaka (Hymenoptera, Braconidae). Zool. Jahrb. Abteil. Anat. Ontog. Tiere 199:421-36, 1978

Morphology of the head of the mature larva of the lemon butterfly (sic) *Papilio demoleus* L. (Lepidoptera: Papilionidae) with special reference to skeleto-muscular mechanism. Zool. Anz. 201(3-4):260-72, 1978

Studies on the tracheal system of the mature larva of the melon fly, *Dacus (Strumeta) cucurbitae* Coquillett (Diptera:Trypetidae). Beitr. Ent. 28(2):257-62, 1978

Skeleto-muscular mechanism of the cephalo-pharyngeal skeleton of the mature larva of the melon fly *Dacus (Strumeta) cucurbitae* Coquillett. Beitr. Ent. 28(2):251-5, 1978

Studies on the morphology of the male genitalia in Diptera with observations on their role in the classification of the order. Thesis (1974)

Morphology and internal anatomy of *Dacus (Strumeta) cucurbitae* Coq., the Indian fruit fly. Alig. Mus. Univ. Publ. (Zool. Ser.) 8:1-184, 1971

Skeleto-muscular mechanism of the halteres of the melon fly, *Dacus (Strumeta) cucurbitae* Coquillett (Diptera:Trypetidae). Beitr. Ent. 20:43-50, 1970

Observations on the facial sclerite of the larva of *Papilio demoleus* L. (Lepidoptera: Papilionidae). Proceed. Royal Entomol. Soc. London Ser A. Gen. Entomol. 39(1-3):34-40, 1964

Musculature of the sucking pump of *Argina cribaria* Clerck (Lepidoptera: Hysidae). Beitrage zur Ent. 13(5-6):654-7, 1963

Torsion of the postabdomen in male Diptera. Naturwissenschaften 50:24-5, 1963

Skeleto-muscular system of the sucking pump of *Papilio demoleus* L. (Lepidoptera: Papilionidae). Curr. Sci. 30:301-2, 1961

Morphology and life history of *Dacus (Strumeta) cucurbitae* Coq. (Indian fruit fly) with observations on the behaviour of the adult. PhD. Thesis, Alig. Musl. Univ. India (1961)

### Agricultural Entomology & Others

Leaf mining Coleoptera of the Indian subcontinent. J. Entomol. Res. 15(1):20-30, 1991

Host plants of the fruit flies (Diptera:Tephritidae) of Indian subcontinent, exclusive of the subfamily Dacinae (1984)

*Cystiphora taraxaci* (Diptera:Cecidomyidae) mining the leaves of *Taraxacum officinale* (Compositae) in Kashmir, India. J. Bombay Nat. Hist. (1981)

Studies on Agromyzidae (Diptera) of Kashmir, India, some interesting palaearctic species. Bull. Lab. Entomol. Agraria Filippo Silvestri 38:133-7, 1981

The cornelian *Deudorax epijarbas* Moore (Lepidoptera: Lyaenidae) as a seroius pest of pomegranate fruits in Kashmir. J. Entomol. Res. 4:233-5, 1980

*Pemphigus bursarius* Linn producing galls on Lambardy poplar in Kashmir. Curr. Sci. 44(6):203-4, 1975

Record of *Syrphus confrater* Wiedmann as predaceous on woolly aphid *Eriosoma lanigera* (Hausmann). Indian J. Entomol. 34(4):348, 1972

Arachnoid parasites and predators of Insecta: a bibliography of literature. Beitr. Ent. 13:873-89, 1963

A redescription of *Tephritis zonogastra* Bezzi 1913 (Diptera – Trypetidae). Beitr. Ent. 13(5-6):657-60, 1963

## HONORS

*Zakaella* Haider, Ahmad & Shujauddin 2003 (Hymenoptera)

# Morakot Tanticharoen

June 30, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Morakot Tanticharoen, Thai microbiologist and biotechnologist (fl.1977)

## DEVELOPED BIOSENSORS

With W. Surareungchai, S. Worasing, P. Sritongkun & K. Kirtikara. Dual electrode signal-subtracted biosensor for simultaneous flow injection determination of sucrose and glucose (1999)

With P. Sritongkham, T. Suwannakum, N. Taraujaunit & K. Kirtikara. Piezoelectric crystal biosensor for the determination of organophosphorus pesticide (1994)

With Kanokjaruwijit, C. Hruanun, W. Surareungchai, T. Suwannakum, P. Sritongkam & K. Kirtikara. A prototype of multi-enzymatic sensors for sucrose determination (1994)

With W. Surareungchai, P. Srikamta & K. Kanokjaruwijit. An activated carbon electrode biosensor for sucrose (1992)

## DISCOVERED NEW CHEMICALS

With P. Pittayakhajonwut, A. Dramaee, S. Madla, N. Lartpornmatulee & N. Boonyuen. Depsidones from the endophytic fungus BCC8616. J. Nat. Products 69(9):1361-3, 2006

With M. Isaka, W. Prathumpai & P. Wongsae. Hirsutellone F, a dimer of antitubercular alkaloids from the seed fungus *Trichoderma* species BCC7579. Organic Lett. 8(13):2815-7, 2006

With C. Nilanonta, M. Isaka, R. Chanphen, N. Thongorn & Y. Thebtaranonth. Unusual emniatins produced by the insect pathogenic fungus *Verticillium hemipterigenum*: isolation and studies on precursor-directed biosynthesis. Tetrahedron 59(7):1015-20, 2003

With S. Dettrakul, P. Kittakoop, M. Isaka, S. Nopichal et al. Antimycobacterial pimarane diterpenes from the fungus *Diaporthe* sp. Bioorg. Medic. Chem. Letters 13(7):1253-5, 2003

With M. Chinworrungsee, P. Kittakoop, M. Isaka, R. Chanphen & Y. Thebtaranonth. Halorosellins A and B, unique isocoumarin glucosides from the marine fungus *Halorosellinia oceanica* (2003)

With S. Sawadjoon, P. Kittakoop, K. Kirtikara, V. Vichai & Y. Thebtaranonth. Atropisomeric myristinins: selective CO<sub>2</sub> inhibitors and antifungal agents from *Myristica cinnanomea*. J. Org. Chem 67(16):547-05, 2002 (first reported naturally occurring atropisomeric flavans)

With M. Isaka, C. Suyarnsestakorn, P. Kongsaree & Y. Thebtaranonth. Aigialomycins A-E, new resorcylic macrolides from the marine mangrove fungus *Aigialus parvus*. J. Org. Chem. 67(5):1561-6, 2002

With D. Arthan, J. Svasti, P. Kittakoop, D. Pittayakhajonwut & Y. Thebtaranonth. Antiviral isoflavonoid sulphate and steroidal glycosides from the fruits of *Solanum torvum*. Phytochem. 59(4):459-63, 2002

With N. Vongvanich, P. Kittakoop, M. Isaka, S. Trakulnaleamsai, S. Vimuttipong & Y. Thebtaranonth. Hirsutellide A, a new antimycobacterial cyclohexadepsipeptide from the entomopathogenic fungus *Hirsutella kobayashii*. J. Nat. Products 65(9):1346-8, 2002

With P. Pittayakhajonwut, M. Theerasilp, P. Kongsaree, A. Rungrod & Y. Thebtaranonth. Pughiiin, a sesquiterpene from the fungus *Kionochaeta pughii* BCC3878. Planta Med. 68(1):1017-9, 2002

With M. Isaka, P. Kongsaree & Y. Thebtaranonth. Structures of cordypyridones A-D, antimalarial N-hydroxy and N-methoxy-2-pyridones from the the insect pathogenic fungus *Cordyceps nipponica*. J. Org. Chem. 66(14):4803-8, 2001

With M. Isaka, A. Tosukhowong, K. Rukseree, K. Danwisetkanjana & Y. Thebtaranonth. Phomoxanthenes A and B, novel xanthone dimers from the endophytic fungus *Phomopsis* species. J. Nat. Products 64(8):1015-8, 2001

With M. Chinwoorrungsee, P. Kittakoop, M. Isaka, A. Rungrod & Y. Thebtaranonth. Antimalarial halorosellinic acid from the marine fungus *Halorosellinia oceanica*. Bioorg. Medic. Chem. Letters 11(15):1965-9, 2001

With P. Seephonkai, M. Isaka, P. Kittakoop, S. Trakulnaleamsai, R. Rattanajak & Y. Thebtaranonth. A new tropolone from the insect pathogenic fungus *Cordyceps* sp. BCC1681. J. Antibiotics 54(9):751-2, 2001

With S. Boonphong, P. Kittakoop, M. Isaka, P. Palittapongarnpim, A. Tosukhowong, K. Danwisetkanjana & Y. Thebtaranonth. A new antimycobacterial, 3-β-acetoxy-15-α-22-dihydroxyhopano from the insect pathogenic fungus *Aschersonia tubulata*. Planta Medica 67(3):279-81, 2001

With P. Kittakoop, S. Wanasith, P. Watts, J. Kramyu & Y. Thebtaranonth. Potent antiviral potamogetonyde and potamogetonol, new furanoid labdane diterpenes from *Potamogeton malaianus*. J. Nat. Products 64(3):385-8, 2001

With S. Boonphong, P. Kittakoop, M. Isaka, D. Pittayakhajonwut & Y. Thebtaranonth. Multiplolides A and B, new antifungal 10-membered lactones from *Xylaria multiplex*. J. Nat. Products 64(7), 2001

With C. Thammarongtham, G. Turner, A.J. Moir & S. Cheevadhnarak. A new class of glutaminase from *Aspergillus oryzae*. J. Mol. Microbiol. Biotech. 3(4):611-7, 2001

With N. Vongvanich, P. Kittakoop, J. Kramyu & Thebtaranonth. Phyllanthusols A and B, cytotoxic norbisabolane glycosides from *Phyllanthus acidus* Skeels. J. Org. Chem. 65(17):5420-3, 2000

With M. Isaka & Y. Thebtaranonth. Cordyanhydrides A and B. Two unique anhydrides from the insect pathogenic fungus *Cordyceps pseudomilitaris* BCC1260 (2000)

With M. Isaka, J. Punya, Y. Lertwerawat & Y. Thebtaranonth. Antimalarial activity of macrocyclic trichothecenes isolated from the fungus *Myrothecium verrucaria*. J. Nat. Products 62(2):329-31, 1999 (first isolation of roridin E acetate from nature)

## DESCRIBED NEW TAXA

### Bacteria

#### Genera

*Ameyamaea* 2009 with Yukphan, Malimas, Muramatsu, Takahashi, Kaneyasu, Potacharoen, Tanasupawat, Nakagawa, Hamana, Tahan, Suzuki & Yamada

*Neoasaia* 2005 with Yukphan, Malimas, Potacharoen, Tanasupawat & Yamada

*Neokomagataea* 2011 with Yukphan, Malimas, Muramatsu, Potacharoen, Tanasupawat, Nakagawa & Yamada

*Swingsia* 2013 with Malimas, Chaipitakchonlatan, Thi Van Vu, Yukphan, Muramatsu, Tanasupawat, Potacharoen, Nakagawa & Yamada

#### Species

*Ameyamaea chiangmaiensis* 2009 with Yukphan, Malimas, Muramatsu, Takahashi, Kaneyasu, Potacharoen, Tanasupawat, Nakagawa, Hamana, Tahan, Suzuki & Yamada

*Asaia krungthepensis* 2004 with Yukphan, Malimas, Potacharoen, Tanasupawat & Yamada

*Asaia lannaensis* 2008 with Malimas, Yukphan, Takahashi, Kaneyasu, Potacharoen, Tanasupawat, Nakagawa & Yamada

*Gluconobacter japonicus* 2009 with Yukphan, Malimas, Takahashi, Kaneyasu, Potacharoen, Tanasupawat, Nakagawa & Yamada

*Gluconobacter kanchanaburiensis* 2009 with Malimas, Yukphan, Lundaa, Muramatsu, Takahashi, Kaneyasu, Potacharoen, Tanasupawat, Nakagawa, Suzuki & Yamada

*Gluconobacter kondonii* 2007 with 2009 with Yukphan, Malimas, Takahashi, Kaneyasu, Potacharoen, Tanasupawat, Nakagawa & Yamada

*Gluconobacter wancherniae* 2010 with Malimas, Yukphan, Lundaa, Muramatsu, Takahashi, Kaneyasu, Tanasupawat, Nakagawa, Suzuki & Yamada

*Neoasaia chiangmaiensis* 2005 with Yukphan, Malimas, Potacharoen, Tanasupawat & Yamada

*Neokomagataea tanensis* 2011 with Yukphan, Malimas, Muramatsu, Potacharoen, Tanasupawat, Nakagawa & Yamada

*Swingsia samuiensis* 2013 with Malimas, Chaipitakchonlatan, Thi Van Vu, Yukphan, Muramatsu, Tanasupawat, Potacharoen, Nakagawa & Yamada

## **Fungi**

### **Species**

*Candida jaroonii* 2007 with Imanishi, Jindamorakot, Mikata, Nakagiri, Potacharoen & Nakase

*Candida songkhlanensis* 2007 with Imanishi, Jindamorakot, Mikata, Nakagiri, Potacharoen & Nakase

*Haplophytophthora porrigovesica* 2001 with Nakagiri, Ita & Manoch

## **HONORS**

*Tanticharoenia* Yukphan, Malimas, Muramatsu, Takahashi, Kaneyasu, Tanasupawat, Nakagawa, Suzuki, Potacharoen & Yamada (Bacteria)

*Morakotiella* Sakayroj 2005 (Fungi)

# Mudumbai Seshachalu Narasimhan

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mudumbai Seshachalu Narasimhan, Indian mathematician (Thandarai, Tamil Nadu State 07 June 1932 – 16 May 2021)

Pioneer of the study of moduli spaces of holomorphic vector bundles on projective varieties

Proved Narasimhan-Seshadri theorem (1965)

With G. Harder introduced canonical filtrations on algebraic vector bundles

With S. Ramanan proved the existence of universal connections in differential geometry (1961-3) and introduced the notion of Hecke correspondence between moduli spaces of vector bundles

With Nori proved that there are only finitely many smooth projective curves having a given abelian variety

With Simha showed the existence of a global moduli space

## EPONYMY

Drezet-Narasimhan theorem (1989)

Harder-Narasimhan stratification

Harder-Narasimhan filtration

Harder-Narasimhan categories

Harder-Narasimhan numbers

Harder-Narasimhan polygons of vector bundles

Harder-Narasimhan recursion

Harder-Narasimhan reductions

Mumford-Narasimhan problem

Narasimhan-Ramanan invariants

Narasimhan-Ramanan moduli space

Narasimhan-Ramanan parameterization

Narasimhan-Ramanan singular curves

Narasimhan-Ramanan theorem

Narasimhan-Ramanan-Verra map

Narasimhan-Simha metric

## HONORS

King Faisal International Prize for Science (2006)

# Muhammad Afzal Hussain Qadri

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Muhammad Afzal Hussain Qadri, Pakistani entomologist and philosopher (Badayun, India 07 February 1912 – Karachi 06 December 1974)

Introduced a number of new concepts in insect morphology, particularly on the piercing and sucking mechanism of bugs and lice and the genitalia of Orthoptera

Described the genera *Allocolpocephalum* 1939 (Mallophaga) and with Mirza *Ziartissus* 1966 (Hemiptera)

## SOME BIBLIOGRAPHY

*Rogas aligharensi*. n.sp. (A pink boll-worm parasite). Curr. Sci. 2:209, 1933

External and internal anatomy of the buffalo louse *Haematopinus tuberculatus* Burmeister. Publ. Alig. Mus. Univ. Indian Insect Types 1, 1935

Studies on the Mallophaga of North Indian birds. Z. Parasiten. 8(2):226-38, 1935

The male genitalia of Mallophaga infesting North Indian birds. Proc. Ind. Acad. Sci. 4(6):86, 1936

The life-history and growth of the cockroach (*Blatta orientalis* Linn.). Bull. Ent. Res. 29:263-75, 1938

On the development of genitalia and their ducts of orthopteroid insects. Trans. R. Ent. Soc. London 90(6):121-75, 1940

With A. Aziz. Biology, life-history and internal anatomy of *Pyrrhia perpusilla* Walker. Aligarh Mus. Univ. Publ. (Zool. Ser.) 2:1-30, 1950

On the anatomy of the mouth parts of aquatic bugs. Proc. Zool. Soc. Bengal 4:117-36, 1951

The male genitalia of Ectognatha (Thysanura) 1952

Some branchiopods (Anostraca and Conchostraca) of Indo-Pakistan subcontinent with descriptions of new species (1956)

Mechanism of feeding in Hemiptera (1959)

With S.N.H. Naqvi & S.H. Ashrafi. Quantitative determination of acid and alkaline phosphatase in different parts of the alimentary canal of desert locust *Schistocerca gregaria* Forskal. Pakistan J. Sci. Ind. Res. 10:204-7, 1967

On the digestive system and skeleton-muscular mechanism of the head capsule in the mango-hoppers *Idiocrus niueosparus* (Leth.) and *I. clypealis* (Leth.) (Homoptera, Jassidae). Proc. Zool. Soc. Deng. 2(1):43-5, 1969

With Z. Khanum. Fresh records of some birds in West Pakistan. Pakistan J. Zool. 4:219-21, 1972

On the morphology and postembryonic development of the male genitalia and their ducts in Hemiptera (Insecta)

## HONORS

*Qadria* Mahmood 1967 (Hemiptera)

*Qadriva* Ghauri 1965 (Hemiptera)

*Qadriana* Bilqees 1971 (Trematoda)

# Mustafa Shameel

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Mustafa Shameel, Pakistani phycologist (Rudauli, Uttar Pradesh 03 July 1941 – Karachi 13 May 2013)

Authored over 330 papers and 7 books

Expert on marine benthic algae

Developed the concept of phycochemistry and coined the term (1990)

Presented a new concept of barobiology of seaweeds (1972)

First reported the effects of high hydrostatic pressure on the physiology and biochemistry of marine algae

Described 28 new taxa of marine algae (being at least 11 species)

Isolated 24 new secondary metabolites of marine algae

## LINKS

[http://www.pakbs.org/pjbot/PDFs/45\(4\)/00.pdf](http://www.pakbs.org/pjbot/PDFs/45(4)/00.pdf) See <http://www.pakbs.org/pjbot/PDFs/45%284%29/00.pdf>.

# Muthuvelu Nadchatram

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Muthuvelu Nadchatram, Malaysian acarologist (Kampung Chetty, Port Jackson 27 December 1927 – Kuala Lumpur 21 November 2011)

Authored about 150 scientific papers

First to show that colour of ticks or mites reflected its habitat and lifestyle

First to take pictures of reproductive behavior of mites

With J. Audy. A method of rearing individual trombiculid mites in the field. *Nature* 174:1021, 1954

## DESCRIBED ACARI TAXA

### Genera

*Bishoplinia* 1965 with Vercammen-Grandjean

*Colobatrighlyphus* 1983 with Fain

*Ereynetoides* 1962 with Fain

*Heaslipooides* 1966 with Vercammen-Grandjean & Traub

*Lorillatum* 1963

*Mesonyssooides* 1962 with Fain

*Micronychites* 1981 with Fain & Lukoschus

*Micronychitooides* 1981 with Fain & Lukoschus

*Nakhoda* 1975 with Domrow

*Nasalialges* 1980 with Fain

*Rattimyobia* 1980 with Fain & Lukoschus

*Susa* 1960 with Audy

*Traubacarus* 1957 with Audy

*Vercammenia* 1958 with Audy

### Species/Subspecies

About 265

## HONORS

*Nadchatramia* Wen 1999 (Acari)

# Mysore Ananthamurthy Viswamitra

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Mysore Ananthamurthy Viswamitra, Indian crystallographer and structural biologist (Shimoga, Karnataka 14 November 1932 – Bangalore 10 April 2001)

Discovered sequence dependent fine structure in DNA segments in single crystals

First to determine the structure of many mononucleotides

With O. Kennard solved the first oligonucleotide  $dp(AT)_2$  structure, giving the first view of a DNA duplex in atomic detail

Solved the structures of two important xylanases from thermophilic organisms

Designed low temperature equipment for structure analysis of substances



# Nadia Awni Sakati

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nadia Awni Sakati, Syrian pediatrician (Damascus 1938 –

## DESCRIBED NEW SYNDROMES

### Sanjad-Sakati syndrome

With S. Sanjad, Y.K. Abu-Osba, P. Kaddora & P.D.G. Milner. A new syndrome of congenital hypoparathyroidism, seizure, growth failure and dysmorphic features. Arch. Diseases Childhood. 66:193-6, 1991

### Woodhouse-Sakati syndrome

With N.J. Woodhouse. A syndrome of hypogonadism, alopecia, diabetes mellitus, mental retardation, deafness and ECG abnormalities. J. Med. Genet. 20:216-9, 1983

### Sakati-Nyhan-Tisdale syndrome

With W.L. Nyhan & W.K. Tisdale. A new case with acrocephalopolysyndactyly, cardiac disease, and distinctive defects of the ear, skin and lower limbs. J. Pediatrics. 79:104-9, 1971

# Nadim Farid Safatle

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nadim Farid Safatle, Brazilian gastric surgeon (Catalão, Goiás State 08 July 1935 –

Developed anti-peristaltic duodenal-jejunal pouch or Safatle pouch and Safatle reconstruction technique following gastrectomy using a Roux en Y modified technique

Bolsa duodenojejunal antiperistáltica na reconstrução do trânsito digestivo após gastrectomia subtotal, total e na síndrome pós-gastrectomia. Técnica. Arq. Gastroenterol. 21(2):59-67, 1984

With J. Costa Filho, D. Ciasca Jr. & A.M.V. Safatle. Colectistectomia por minilaparotomia mediana. Nova metodização. Arq. Gastroenterol. 28(4):119-23, 1991

# Namio Uesugui

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Namio Uesugui, Brazilian palynologist and stratigrapher (05 November 1938 –

From Japanese descent

## DESCRIBED FOSSIL TAXA

### Genera (with Regali & Santos 1974)

*Alaticolpites*

*Bahiaporites*

*Echitricolpites*

*Psilaperiporites*

*Psilastephanoporites*

*Scabraperiporites*

*Sergipea*

*Tricornites*

### Species

*Alaticolpites limai*

*Apectodinium caiobense*

*Aquilapollenites magnus*

*Areoligera espiritosantensis*

*Bahiaporites reticularis*

*Cicatricosisporites cristatus*

*Cingulatisporites verrucatus*

*Clavatricolpites daemoni*

*Clavatriletes disparilis*

*Cleitosphaeridium bahiaense*

*Cricotriporites almadaensis*

*Crotonipollis microclavatus*

*Echitricolpites communis*

*Echitricolpites solaris*

*Echitricolporites minutus*

*Echitriletes muelleri*

*Ephedripites pentacostatus*

*Ephedripites subtilis*

*Equisetosporites undulatus*

*Fenestrites gemmatus*

*Foveotriletes ornatus*

*Fusiformisporites polyhedricus*

*Gnetaceaepollenites crassipolii*

*Gnetaceaepollenites undulatus*

*Hystrichosphaeridium sergipensis*

*Impletosphaeridium (Operculodinium) bahiaense* (Dinoflagellata)

*Inaperturopollenites crisopolensis*

*Inaperturopollenites curvimuratus*

*Inaperturopollenites simplex*

*Nodosisporites baculatus*

*Psilamonocolpites minutus*

*Psilaperiporites minimus*

*Psilaperiporites robustus*

*Psilastephanocolporites fissilis*

*Psilastephanocolporites variabilis*  
*Psilastephanocolporites tesseroporus*  
*Psilastephanoporites brasiliensis*  
*Psilastephanoporites stellatus*  
*Psilatricolporites divisus*  
*Psilatricolporites maculosus*  
*Psilatricolporites papilioniformis*  
*Regalipollenites amphoriformis*  
*Retistephanocolpites gracilis*  
*Retitricolpites amapaensis*  
*Retitricolporites amazonensis*  
*Retitricolporites belmontensis*  
*Retritricolporites mirabilis*  
*Retitricolporites perpusillus*  
*Retitricolporites quadrosis*  
*Retitriteles sommeri*  
*Scabraperiporites nativensis*  
*Sergipea naviformis*  
*Spiniferites aracajuensis*  
*Spiniferites maranhensis*  
*Steevesipollenites alatiformis*  
*Steevesipollenites duplibaculum*  
*Steevesipollenites giganteus*  
*Striatricolpites reticulatus*  
*Surculosphaeridium alagoense*  
*Syncolporites triangularis*  
*Thalassiphora salvadorens*  
*Tricornites elongatus*  
*Trisectoris regulatus*  
*Tuberculodinium paraense*  
*Tucanopollis crisopolensis*  
*Verrutriporites asymmetricus*

## DEVELOPED METHODS

Um método para preparação dos pólenos nos paleossolos (1979)

Developed a simplified method for treating turf and recent plant samples which involves processing in 10ml Reuter-type glass containers

Metodo simplificado de tratamento de amostras palinológicas de turfeiras e plantas recentes

## HONORS

*Uesuguipollenites* Dino 1994 (Fossil Sporae/Pollen)

# Nanasaheb Ramji Tawde

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Nanasaheb Ramji Tawde, Indian spectroscopist (Taluq Malvan, Maharastra 15 January 1898 – 25 December 1984)

## DISCOVERIES/IMPROVEMENTS

Discovered the electronic structure of many molecules

New Green band system of N, and conditions of excitation. *Nature* 157:136, 1946

With H.A. Umvala. Direct method of measuring relative spectral intensities: its technique and use in line and band spectra. *J. Univ. Bombay* 16:79-96, 1948

Improved the accuracy of sessile drop method

With K.G. Parvatikar. Performance of sessile drops in surface tension measurements. *Indian J. Physics.* 25(10):473-80, 1951

With K.G. Parvatikar. A table for the calculation of surface tension from measurements of sessile drops.

With A.P. Walvekar. Estimation of ( $\Delta r^6$ ) of an electronic band system, a new method. *Indian J. Phys.* 34(9):397-401, 1960

## SOME BIBLIOGRAPHY

Intensity distributions in molecular spectra: N<sub>2</sub> second positive system. *Proc. Phys. Soc.* 46:324-32, 1934

Quelques aspects des grandes intensités dans les bandes électroniques. Systeme C' (Swan) et N' (second groupe positif). *Proc. Indian Acad. Sci.* 2:67-81, 1935

With D.D. Desai. Role de l'argon dans la production des bandes de Swan. *Proc. Indian Acad. Sci.* 6:266-80, 1937

With J.M. Patel. The study of the oxy-coal-gas flame by band spectra. *Curr. Sci.* 6:155-6, 1937

Intensités dans les bandes du système violet du cyanogène. *J. Phys. Radium* 277, 1937

With K. Gopalkrishnan. The role of intensity frequency and amount of irradiation in Joshi effect. *Proc. Ind. Acad. Sci. A* 29:171-88, 1949.

With A.G. Husain. Study of the excitation of a band system from a metal and its oxide. *J. Univ. Bombay* 17:12-22, 1949

With K.G. Parvatikar. Unstable pendant drops in relation to drop weight method of surface tension. *Curr. Sci.* 19:147-8, 1950

With B.S. Patil & M.I. Savadatti. Correspondence in analytical treatment of vibrational transition probabilities of diatomic molecules. *Bull. Soc. R. Sci. Liege* 28(5-6):150-4, 1950

With A. McKollar. Calculated transition probabilities for the C<sub>2</sub> Swan bands. *Astr. Phys. Journal* 113:440, 1951

With B.B. Laud. Spectroscopic study of some alcohol flames. Flame temperatures and their influence on the intensity changes in various bands. 6<sup>th</sup> Symposium on Combustion, p.143-9, Yale University, 1956

With Sreedhara Murthy. A note on the validity of the revised rotational structure constants of green yellow-system of VO bands. *Indian J. Phys.* 31:391, 1957

With P.V. Chandratreya. Experimental study of transition probabilities in astral radicals: LaO (B→X) system. *Curr. Sci.* 30:137, 1961

With B.G. Iyotti & M.I. Savadatti. Intensity measurements in molecular bands. *Indian J. Phys.* 35(6):307-10, 1961

With B.B. Laud. Spectral intensity distribution and the equilibrium of flame gases. *Indian J. Pure appl. Physics* 1:90-3, 1963

With M.I. Savadatti. Spectral study of combustion in methyl-alcohol-air flames. *Indian J. Pure Appl. Physics* 1(3):94-97, 1963

With K.S.R. Rao. Studies of high-frequency discharge in nitrogen and associated active nitrogen phenomena. *Proc. Phys. Soc.* 734, 1963

## HONORS

*Tawdiella* Deshpande & Deshpande 1966 (Fungi)

# Nanoo Ravi

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nanoo Ravi, Indian agrostologist (1938 –

## DESCRIBED PLANT SPECIES

*Chrysopogon copei* 2001 with Mohanan

*Chrysopogon purushothamanii* 2001 with Mohanan & Kiran Raj

*Dimeria agasthyamalayana* 2001 with Kiran Raj

*Dimeria chelariensis* 1995

*Dimeria copei* 1996

*Dimeria eradii* 1995

*Dimeria idukkiensis* 1992 with Anil Kumar

*Dimeria josephii* 2001 with Mohanan

*Dimeria kalavoorensis* 1996

*Dimeria mahendragiriensis* 1995 with Saxena & Brahman

*Dimeria namboodiriana* 1997 with Mohanan

*Dimeria sivarajani* 1996 with Mohanan

*Dimeria sreenarayanae* 1992 with Anil Kumar

*Fimbristylis angamoozhiensis* 1993 with Anil Kumar

*Fimbristylis pseudonarayani* 1993 with Anil Kumar

*Fuirena ponmudiensis* 1994 with Anil Kumar

*Fuirena simpsonii* 2003 with Mohanan & Shaju

*Grammitis pilifera* 1980 with Joseph

*Hibiscus sreenarayani* 1994 with Anil Kumar

*Ischaemum abrahamii* 2001 with Mohanan & Rajesh

*Ischaemum fischeri* 2001 with Kiran Raj

*Ischaemum kumarakodiense* 1998 with Mohanan & Kiran Raj

*Ischaemum lanatum* 2000 with Mohanan & Shaju

*Ischaemum pappinisseriense* 1998 with Mohanan & Rajesh

*Ischaemum pushpangadanii* 2000 with Kiran Raj

*Ischaemum quilonense* 1998 with Shaju

*Ischaemum wayanadense* 2001 with Mohanan & Shaju

*Julostilys polyandra* 1990 with Anil Kumar

*Memecylon sivadasanii* 2002 with Mohanan, Kiran Raj & Shaju

## HONORS

*Nanooravia* Kiran Raj & Sivadasan 2013 (Poaceae)

# Narayana Krishna Pillai

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Narayana Krishna Pillai, Indian carcinologist (Tiruvalla, Kerala 1921 – 16 March 2013)

## DESCRIBED VALID CRUSTACEA GENERA

*Amblycephalon* 1954

*Choniomyzon* 1962

*Cirolanoniscus* 1966

*Conopomatus* 1960

*Eudactylinopsis* 1968

*Humesiella* 1973 with Sebastian

*Indanthura* 1966 with Eapen

*Indoclausia* 1974 with Sebastian

*Kabataella* 1984 with Prabha

*Metataeniacanthus* 1963

*Parechetus* 1962

*Pseudanisomysis* 1976

*Pseudechetus* 1979 with Prabha

*Pseudoirona* 1964

*Pseudorbitacolax* 1971

*Pumiliopsis* 1967

*Stockia* 1974 with Sebastian

*Tambalagamia* 1961

## HONORS

*Pillainus* Kabata 1983 (Crustacea)

# Nayef Emile Saade

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nayef Emile Saadé, Lebanese neuroscientist (Jaddayel-Jbeil 22 May 1944 –

Authored over 150 papers

Introduced various neuroanatomical tracing methods for identifying central pathways and molecular techniques for the possible mediators involved in the interaction between the neural, endocrine and immune systems

With M. Bitar, S.J. Jabbur & N.R. Banna showed that both presynaptic and postsynaptic inhibitory mechanism existed within the dorsal column nuclei (1981)

With S.F. Atweh & S.J. Jabbur first suggested that diazepam (Valium) acted on GABA receptors in the central nervous system producing presynaptic inhibition at axo-axonic synapsis

With C.J. Jose, K. Rifai, N.H. Hawwa, C.A. Massaad, A.R. Jurjus & S.J. Jabbur. Nociceptive behaviour induced by dental application of irritants to rat incisors: a new model for tooth inflammatory pain. Eur. J. Pain 6:55-67, 2002

With C.J. Jose, N. Hawwa, M. Baliki, B. Safieh-Garabedian, K. Rifai & S.J. Jabbur. A perfusion technique for the determination of pro-inflammatory mediators induced by intradental application of irritants. J. Pharmac. Toxic. Methods 46:125-30, 2002

With F. Mourad, K. Barada & P. Noutsis. Troubleshooting in animal models of colitis: the use of a novel eletrocautery model. J. Pharm. Toxic. Methods 61:122-6, 2010

## PATENTS

With M. Dardenne, J.M. Pleau, J.F. Bach & B. Safieh-Garabedian. Use of thymulin-like peptides for making pain-relieving medicines WO2003030927 A3, US7309690 B2, CA2463549 A1 & EP1450843 A2



# Nei Fernandes de Oliveira Jr.

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nei Fernandes de Oliveira Jr., Brazilian physicist (Campinas, São Paulo State 20 May 1941 –

With Y. Shapira discovered virtual bicritical point (1979-80)

With C. Becerra & Y. Shapira discovered Lifshitz multi critical point (1980)

## DEVELOPED

A system for measuring differential magnetic susceptibility down to 0.3 K using modulated field

A system for precise measurements of magnetization in plastic dilution refrigerators (1994)

With G. Vellejo & A. C. Medugno a continuous process for production of NbTi superconducting nanowires

Technology for obtaining ultra low temperatures under intensive magnetic fields

Designed and built devices for cryogenic research

A new generation of resonant detectors employing spherical antennas

With André B. Henriques GaAs based semiconducting structures (1990s)

A Variable Temperature Chamber (Insert Dewar) For Superconducting Magnets With A Built-In He Transfer Line. Cryogenics 15: 293, 1975.

With H. Vargas. Construction of a Set of Coils For Precise Magnetic Susceptibility Measurements at Liquid Helium Temperatures. Anais Acad. Bras. Cien. 41:505, 1969.

With C.J. A. Quadros. A cryostat for measurements of magnetic susceptibility between 0.3 and 20 K. J. Sci. Instr. (J. Phys. E) 2 ser. 2:967, 1969

With C. J. A. Quadros. Construction and Operation of A Potencia 3 He Refrigerator. Anais Acad. Bras. Cien 36:403, 1964

With G. Frossati patented small Plastic Dilution Refrigerators in United States, Japan and Europe (1990s)

# Nelly Vittet

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Nelly Elsa Vittet, Argentine botanist (died 1995)

## DESCRIBED VALID TAXA (with A.L. Cabrera)

*Austroeupatorium rosmarinaceum* 1963

*Campuloclinium hickenii* 1954

*Eupatorium polystachium* var. *subcordatum* 1963

*Stevia carapariensis* 1954

## HONORS

*Vittetia* King & Robinson 1974 (Asteraceae)

# Nelson Onuchic

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Nelson Onuchic, Brazilian mathematician (Brodosqui, São Paulo State 12 March 1926 – São Carlos, São Paulo State 03 September 1999)

From Austrian descent

## ACHIEVEMENTS

Authored 49 works

Obtained important findings about P spaces and uniform structures that earned him renown in international scientific community (1958–60)

Introduced new concepts in asymptotic equivalence

Generalized the concept of exit point

Extended Waszewski topological method for differential equations with time-delay

Obtained an instability criterion more generalized than Hale concept (1971)

## EPONYMY

Hartman-Onuchic theorem (1963)

Hale-Onuchic asymptotic method (1964)

See (in Portuguese)

[http://www.athena.biblioteca.unesp.br/exlibris/bd/brc/33004137031P7/2006/badin\\_mg\\_me\\_rcla.pdf](http://www.athena.biblioteca.unesp.br/exlibris/bd/brc/33004137031P7/2006/badin_mg_me_rcla.pdf)

# Nelson Papavero

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nelson Papavero, Brazilian entomologist and science historian (São Paulo 09 March 1942 –

Authored World Oestridae (Diptera), Mammals and Continental drift (1977), a reference work in this area

## Theoretical contributions

With J. Llorente Bousquets. Nuevo concepto en biología comparada: el eidoforonte. Publ. Espec. Museo Zool. Univ. Nac. Auton. Mexico 5:21-9, 1992

With J. Llorente Bousquets & J.M. Abe. Formal definitions of some new biological and geological terms for use in biogeography. Biogeographica 70(4):193-203, 1994

With J. Llorente Bousquets & J.M. Abe. Proposal of a new system of nomenclature for phylogenetic systematics. Arq. Zool. 36(1):1-145, 2001

## DESCRIBED DIPTERA GENERA

*Acrocomyia* 1977

*Albibarbefferia* 1997 with Artigas

*Amorimius* 2008

*Anomalomydas* 1974 with Wilcox

*Aphractia* 1991 with Artigas & Serra

*Aposlastauroides* 1988 with Artigas

*Araucopogon* 1988 with Artigas

*Araujoa* 1991 with Artigas

*Archilestroides* 1991 with Artigas

*Argyropogon* 1990 with Artigas

*Aridefferia* 1997 with Artigas

*Atopomia* 1967

*Austrosymmerus* 1977

*Baliomydas* 1989 with Wilcox & Pimentel

*Baruerizodion* 1970

*Cacatuopyga* 1974 with Wilcox

*Carebaricus* 1991 with Artigas

*Carinefferia* 1997 with Artigas

*Cenomyiodes* 1991 with Artigas

*Chrysomidas* 1989 with Wilcox & Pimentel

*Chrysotriclis* 1997 with Artigas & Costa

*Cochleriariocera* 1997 with Artigas & Costa

*Cymbipyga* 1997 with Artigas & Costa

*Cyphomyiactia* 1991 with Artigas & Serra

*Eumydas* 1971 with Wilcox

*Gauromydas* 1989 with Wilcox & Pimentel

*Grajahua* 1991 with Artigas

*Gruninia* 1977

*Gymnotriclis* 1997 with Artigas & Costa

*Ivettea* 1991 with Artigas

*Lonquimayus* 1991 with Artigas

*Mapinguari* 1974 with Wilcox

*Megalometopon* 1995 with Artigas

*Meliponomina* 1989 with Artigas

*Myaptexaria* 1995 with Artigas

*Neatonia* 1970 with Martin

*Neocrionisca* 1977

*Neoditomyia* 1978

*Neotes* 1995 with Artigas

*Nevadasilus* 1995 with Artigas

*Nothopogon* 1991 with Artigas

*Nothosymmerus* 1977

*Oberon* 1962 with Carrera

*Pachychaeta* 1970 with Martin

*Paraphryssopoda* 1983 with Guimarães & Prado

*Philamosius* 1970 with Martin

*Plyomydas* 1971 with Wilcox

*Pogonioefferia* 1997 with Artigas

*Procephenemyia* 1977

*Proctophoroides* 1995 with Artigas

*Protometer* 1997 with Artigas & Costa

*Protomydas* 1989 with Wilcox & Pimentel

*Pseudorhopalia* 1971 with Wilcox

*Raulcortesia* 1991 with Artigas

*Scarbroughia* 2008

*Scylaticina* 1991 with Artigas

*Scylaticoides* 1991 with Artigas

*Stratiomicrodon* 1998 with Pujol-Luz

*Stratiomydas* 1989 with Wilcox & Pimentel

*Suinoestrus* 1977

*Taperigna* 1991 with Artigas

*Taurhynchus* 1995 with Artigas

*Tsacasia* 1995 with Artigas

*Tuberculefferia* 1997 with Artigas

*Utinga* 1989 with Wilcox & Pimentel

*Wygodasilus* 1995 with Artigas

#### **Psocoptera**

*Lenkoella* 1962 with Machado-Allison

#### **HONORS**

*Papaveronia* Carvalho 1985 (Heteroptera)

*Papaverellus* Artigas & Vieira 2014 (Diptera)

# Nelson Vaz

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Nelson Monteiro Vaz, Brazilian immunologist and science philosopher (Niterói, Rio de Janeiro State 28 September 1936 –

Regarded as a world pioneer in tolerance induction

With Chang & B.B. Levine proposed the molecular structure of antigen-antibody complexes involved in mast cells degranulation (1970)

Advanced the study of oral tolerance for his original contributions to mucosae immunology (1970s)

With Bernard Levine devised a method of inducing prolonged intense IgE responses in mice (1970s)

Characterized the MHC-related autosomic dominant genes involved in recognition of immunogenicity

First to show the MHC involvement in the reactivity to heterologous proteins

With B.B. Levine. Immune responsiveness of mice to low doses of antigen. Relationship to histocompatibility (H-2) type. Science 168:852-6, 1970

With E.M. Vaz & B.B. Levine. Relationship H2 genotype and immune responsiveness to low doses of ovalbumin in the mouse. J. Immunol. 104:1572-8, 1970

With E.M. Vaz & B.B. Levine. Persistent formation of reagin in mice injected with low doses of ovalbumin. Immunol. 21:11-6, 1971

Proposed the relationship between IgE synthesis and oligoclonal expansions of T cells (first in 1974; revised later)

With Maia, Hanson & Lynch showed that the tolerance induced orally is a carrier-specific T-cell effect (1977)

Studied the bystander suppression phenomenon (1981) 10 years before the term was coined

Obtained the first evidences which brain is influenced by allergic reactions and vice-versa (1990s)

With J.S. Menezes, M. Russo, A.M.C. Faria et al. showed that exposure to food proteins after weaning has a physiological role in the maturation of immune system both locally and systematically (2003)

With G.C. Ramos, C.M. Rodrigues, G.M. Azevedo et al. demonstrated that inhibitory effects of parenteral injection of tolerated antigens are much more general than suggested (2003)

With J.S. Menezes, M.C. Andrade, B. Senra et al. demonstrated the role of elemental diets in modulating immunological activities in mice (2006)

With H. Maturana & F. Varela reformulated the international scientific thinking in this field

Enunciated a theory about diseases based on operating mode of own organism

With I. Mota, W. Dias da Silva and O.G. Bier, published *Imunología Básica e Aplicada* (Fundamentals of Immunology), translated into English and German (1973)

# Nerio Rojas

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

José Nerio A. Rojas Sosa, Argentine coroner (Santiago Del Estero 07 March 1890 – Buenos Aires 01 April 1971)

Authored over 300 works between them classical books about legal medicine and forensic psychiatry that brought him international recognition

Described a sign in purulent stomatitis (with Belbey)

With Belbey developed a method for treating drug addiction employing adrenaline injections many times a day (1926)

## EPONYMY

Rojas crucial pseudo fraying

Rojas sign or crucial fraying (1929)

Rojas tactile docimasia

# Neville Stuart Pillans

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Neville Stuart Pillans, South African botanist (Rosedale, Rosebank 02 May 1884 – Cape Town 23 March 1964)

Described the valid genus *Stapeliopsis* 1928 (Asclepiadaceae) and about 290 plant species

## HONORS

*Nevillea* Esterhuysen & Linder 1984 (Restionaceae)

*Pillansia* L. Bolus 1914 (Iridaceae)



# Newton Dias dos Santos

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Newton Dias dos Santos, Brazilian entomologist (Rio de Janeiro 14 September 1916 – Rio de Janeiro 03 March 1989)

Authored 124 papers about Odonata

## DESCRIBED ODONATA TAXA

### Genera

*Inpabasis* 1961

*Minagrion* 1965

*Roppaneura* 1966

*Ypirangathemis* 1945

### Species

*Acanthagrion egleri* 1961

*Aceratobasis mourei* 1970

*Aeschnosoma marizae* 1981

*Brechmorhoga travassosi* 1946

*Chalcopteryx seabrai* 1960 with Machado

*Elasmothermis alcebiadesi* 1945

*Elasmothermis schubarti* 1945

*Epipleoneura haroldoi* 1964

*Epipleoneura manauensis* 1965

*Epipleoneura williamsoni* 1957

*Erythrodiplax gomesi* 1946

*Erythrodiplax luteofrons* 1956

*Fluminagrion taxaensis* 1965

*Forcepsioneura itatiaiae* 1970

*Inpabasis hubelli* 1961

*Inpabasis machadoi* 1961

*Leptagrion aculeatum* 1965

*Leptagrion acutum* 1961

*Leptagrion bocainense* 1979

*Leptagrion capixabae* 1965

*Leptagrion dardanoi* 1968

*Leptagrion garbei* 1961

*Leptagrion siqueirai* 1968

*Leptagrion vriesianum* 1978

*Leptobasis costalimai* 1957

*Leptobasis tuberculata* 1961

*Macrothemis hosanaei* 1967

*Mesoleptobasis acuminata* 1961

*Mesoleptobasis contralli* 1961

*Metaleptobasis selysii* 1956

*Metaleptobasis sooretamae* 1957

*Micrathyria almeidai* 1945

*Micrathyria borgmeieri* 1947

*Micrathyria iheringi* 1946

*Micrathyria pirassunungae* 1953

*Micrathyria stawiaarskii* 1953

*Minagrion caldensis* 1965

*Minagrion canaanensis* 1967

*Minagrion ribeiroi* 1956

*Neocordulia carloschagasi* 1967

*Neocordulia luismoojeni* 1967

*Nephepeltia berlai* 1950

*Oligoclada borrori* 1945

*Oligoclada calvertii* 1951

*Peristicta gauchae* 1968

*Phasmoneura ciganae* 1968

*Planiplax machadoi* 1949

*Roppaneura beckeri* 1966

*Telagrion mourei* 1970

*Telagrion ribeiroi* 1962

*Ypirangathemis calvertii* 1949

*Zenithoptera lanei* 1941

**Subspecies**

*Nephepeltia phryne tupiensis* 1950

**HONORS**

*Cordulisantosia* Fleck & Costa 2007 (Odonata)

# Nicim Zagury

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nicim Zagury, Jewish Brazilian physicist (Rio de Janeiro 09 March 1934 –

Gained international recognition for his work on quantum optics

Predicted the existence of resonance in mesons and the  $K^0$  meson existence (1960)

With A.L.L. Videira & J. Tiomno. Possible existence of a new ( $K^0$ ) meson. Physical Review Letters 6:120, 1960

With P.L. Ferreira presented new models of quarks restriction (1977)

With S. Haroche & L. Davidovich proposed the counting method of non-quantum breakdown photons (1992)

With L. Davidovich & Aharonov introduced the notion of quantum walks

Quantum random walks. Phys. Rev. A 48(2):1687-90, 1993

First proposed an experimental solution employing particles entanglement for performing quantum teleportation of atoms in laboratory

With L. Davidovich, M. Brune, J.M. Raimond & S. Haroche. Teleportation of an atomic state between two cavities using nonlocal microwave fields. Physical Review A 50(2):895-8, 1994

With L. Davidovich & M. Orszag. Quantum diagnosis of molecules: a method for measuring directly the Wigner function of a molecular vibrational state. Physical Review A 57(4):2544-9, 1998

With P. Milman showed that a parameter governing the dynamics of two-level system is the ratio between the classical field's intensity and the quantized mode detuning (2011)

# Nicola Petragnani

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Nicola Petragnani, Italian-born Brazilian organic chemist (Rome 16 May 1929 – São Paulo 05 December 2015)

Son of world-famous microbiologist Gianni Petragnani

Authored about 100 original papers

With A. R. Katritzky, O. Meth-Cohn & C.S. Rees authored the book Tellurium in organic synthesis (1994)

Authored one chapter in volume 11 of Comprehensive Organometallic Chemistry

## ACHIEVEMENTS

With J.V. Comasseto, W. Nakamura & C.A. Brandt discovered aryl (selenotelluro) acetals, a new class of non-metallic elements compounds (1983)

With J.V. Comasseto & J.T.B. Ferreira performed the acetylenic selenides (1981)

With J.V. Comasseto performed the first synthetic application of vinyl selenides (1978)

With J.V. Comasseto first to add diazoalkanes to aryl selenyl bromides (1976)

With J.V. Comasseto & Varella developed two methods for diaryltellurium dicarboxylates synthesis (1976)

With L. Torres & K.J. Wynne described the reaction involving tellurenyl halides and Grignard reagents yielding diorganoyl tellurides (1975)

With J.V. Comasseto, Brocksom, R. Rodrigues & Teixeira developed a simple method for preparation of di- and tetra substituted succinates (1974) and a method for preparation of succinates or succinic acid derivatives (1975)

With G. Schill developed the first general method for telluroacetals synthesis and the first synthesis of a selenoacetal compound (1970)

With M.M. Campos developed a number of reagents containing P-C-Se (selenophosphoranes)

With M.M. Campos & Toscano first to synthesize species containing a P-Se-C binding

With M.M. Campos described the addition of tellurium tetrachloride to olefins (1962)

Discovered aryl tellurium tribromides and triiodides (1960)

With M.M. Campos & C. Thomé first to report the reduction of an organic substrate via a tellurium reagent (1960)

With M.M. Campos first to use a tellurium reagent in organic synthesis (1960)

With M.M. Campos discovered that both selenium and tellurium promotes the cyclization of unsaturated substrates in Chem. Ber. 93:317, 1960

With M.M. Campos discovered seleno- and telluro-lactonization of unsaturated acids in Chem. Ber. 93:317, 1960

With M.M. Campos first to describe selenocyclofunctionalization reaction (1959)

Established the role of b5 cytochrome in methaemoglobin

With I. Raw & O.C. Nogueira. Methaemoglobin reduction through cytochrome b5. Nature 184:1651, 1959

# Nicolas Osorio

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nicolas Osorio Ricaurte, Colombian pathologist (Bogotá 10 September 1838 – Anapoima 21 December 1905)

Authored Une tumeur provenant de la substance grise cephalorachidienne. Thesis (1865)

First observed “pigmentum” in blood, 6 years ahead of Laveran in Hígado Pigmentado (1874). In this work presented anatomo-pathologically the visceral lesions of paludism

Presented the first case of black piedra (1874) in Sur la piedra, nouvelle espece d'affection parasitaire des cheveux

With Posada Arango introduced the term piedra and described clinical aspects of black piedra

## SOME BIBLIOGRAPHY

Tratados sobre las quinas

Estudio sobre las fiebres

Ligaduras elásticas

Hernia estrangulada

Habitaciones de los obreros

Aneurisma de la subclavía

Estudio anatomo patológico sobre bazo “palustre”

# Nicolas Puente Duany

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Nicolás de la Caridad Puente Duany, Cuban anatomical pathologist and oncologist (Santiago de Cuba 06 December 1899 – Miami, Florida 17 March 1991)

Authored 266 papers, 7 monographs and 6 books

Proposed a histogenetic-based classification of breast sarcoma

Sarcoma de las mamas. Arch. Cuban. Cancerol. 13:91, 1954

Skin tumors of spinocerebellar structure and benign nature. A new clinical form. Multiple and recurring spinocerebellar epitheliomas with a tendency toward spontaneous cicatrization. Arch. Cub Cancerol. 13 (10-12):327-81, 1954

Spinous cell pseudoepithelioma (keratoacanthoma) of the skin of the anterior face of the torax: a new multiple massive and localized clinical variety. Arch. Cub Cancerol. 18 (1-3):1-14, 1959

# Nicolas Rojas Acosta

June 26, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Nicolás Rojas Acosta, Argentine botanist (Ensenada Grande, Corrientes Province 10 September 1873 – San Fernando, Buenos Aires Province 17 April 1947)

**DESCRIBED PLANTAE TAXA**

**Genera (1897)**

*Acantharia*

*Leucoxylla*

*Malpighiantha*

*Trifoliada*

**Species**

About 130

# Nicolau & Delir Serra Freire

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Nicolau Maués da Serra Freire, Brazilian veterinary parasitologist (Belém 13 December 1947 – Rio de Janeiro 24 June 2015)

Authored 357 papers, 5 books and 23 book chapters

## CONTRIBUTIONS

With P.O. Scherer, E. Pile & G.V. Schaffer. Modificação da técnica de punção-biópsia hepática para pequenos ruminantes. Rev. Bras. Cien. Veter. 7(1):55-7, 2000

With K.M. Famadas & R.M. Lanfredi. Slit cuticular structure observed by scanning electron microscopy: presence on the walking legs of *Amblyomma cajennense* (Fabricius, 1787) (Acari:Ixodidae). Mem. Inst. Oswaldo Cruz 92(1):53-5, 1997

With M. Tendler, C.A. Brito, M.M. Vilar, M.S. Almeida, A.C.B. Delbem, J.F. Silva, W. Savino, R.C. Garratt, N. Katz & A.J.G. Simpson. A *Schistosoma mansoni* fatty-acid binding protein Sm14, is the potential basis of a dual-purpose anti-helminth vaccine. Proceed. Nat. Acad. Sciences USA 93:269-73, 1996

With L.M.S. Lopes, V. L.T. Jesus, H.G. Guida, V.M.B. Andrade & E.B.B. Pereira. Um novo meio de transporte e cultivo para *Tritrichomonas foetus* (Riedmuller, 1928). V. Lactopep como meio de cultivo. Rev. Bras. Cien. Veter. 3(1):23-8, 1996

With K.M. Famadas & R.M. Lanfredi. Perianal integument of the nymph and adult stages of *Amblyomma cajennense* (Fabricius, 1787) (Acari:Ixodidae). A new cuticular structure by scanning electron microscopy. Mem. Inst. Oswaldo Cruz 89(4):571-4, 1994

## DESCRIBED NEW TAXA

With A. Pauvolid Correa, O. Solberg, D. Couto Lima, J. Kenney, A. Brault, R. Nogueira, S. Langevin & N. Komar. Nhimirim virus, a novel flavivirus isolated from mosquitoes from the Pantanal, Brazil. Arch. Virol. 25:14-21, 2014

Dois novos subgêneros de *Trypanosoma* parasitos de peixes. Parasitologia al dia 16(1-2):8-10, 1992

### Genera

*Caamembecaia* 2006 with Gazeta, Amorim, Bossi & Linhares (Acari)

*Unoculubbranchiobdella* 1998 with Peralta & Rodrigues Matos (Hirudinea)

### Species

*Babesia ernestoi* 1979

*Caamembecaia graciosus* 2006 with Gazeta, Amorim, Bossi & Linhares

*Grahamella legeri* 1992 with Furlong

*Unoculubbranchiobdella expansa* 1998 with Peralta & Rodrigues Matos

His wife, Delir Correa Gomes, Brazilian helminthologist and parasitologist (Rio de Janeiro 04 September 1938 –

Authored 108 papers

With L. Gonçalves, D. Noronha, J.J. Vicente & R.M. Pinto. Introdução da técnica modificada do “swab” anal como diagnóstico de oxiurídeos em animais de laboratório (1991)

With L. Gonçalves, D. Noronha, J.J. Vicente & R.M. Pinto. Helminth parasites of conventionally maintained laboratory mice. II. Inbred strains with an adaptation of the anal swab technique. Mem. Inst. Oswaldo Cruz 93(1):121-6, 1998

## DESCRIBED NEW TAXA

### Genera

*Freitasoxyascaris* 1967 with Motta

*Hoazinstrongylus* 1985 with Pinto

*Oriximimatrema* 2012 with Knoff, Brooks & Mullins

*Piavussunema* 1968 with Kohn & Motta

*Proencaia* 1970 with Pereira

*Travassostulida* 1968 with Motta

*Varelacreptotrema* 1971 with Fabio

### Species

*Aplectana travassosi* 196? with Motta

*Cryphiops brasiliensis* 1973

*Diomedena tavaresi* 2018 with Knoff, Santos, Giese & Silva Souza

*Dollfusietta vooremi* 1989 with São Clemente

*Hoazinstrongylus amazonensis* 1985 with Pinto

*Hysterothylacium deardoffoverstreetorum* 2012 with Knoff, Felizardo, Mayo Iñiguez, Maldonado Jr, Torres & Pinto

*Klossinemella travassosi* 1968 with Costa & Motta

*Lecitochirium manteri* 1971 with Freitas

*Lecitochirium perfidum* 1972 with Fabio & Rolas

*Leiurus pereirai* 1970 with Vicente

*Metaterakis rodriguesi* 1971 with Vicente



*Oriximimatrema noronhae* 2012 with Knoff, Brooks & Mullins

*Paraleucolepidopa distincta* 1968

*Peracreadium annahoinae* 1970 with Fabio

*Phaneropsolus inquassatus* 1972 with Pinto

*Plagioporus (Plagioporus) dollfusi* 1974 with Fabio & Rolas

*Porrocaecum paivai* 1968 with Motta

*Postharmostomum (Postharmostomum) freitasi* 1979

*Pseudorhabdosynochus jeanloui* 2015 with Knoff, Cohen, Cardenas & Cardenas Callirgos

*Raillietiella freitasi* 1968 with Motta

*Railletnema spectans* 1964

*Strongyloides ferreirai* 1985 with Rodrigues & Vicente

*Swakopella travassosi* 1971 with Kohn & Burnheim

*Travassostulida acuticanthus* 1968 with Motta

*Travassostulida freitasi* 1968 with Motta

*Trichuris travassosi* 1992 with Pinto, Lanfredi & de Souza

*Upogebia omissa* 1968

*Varelaeceptotrema travassosi* 1971 with Fabio

## HONORS

*Deliria* Pinto, Vicente & Noronha 1980 (Nematoda)

# Nobuko Yoshida

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Nobuko Yoshida, Brazilian parasitologist (c.1948

From Japanese ancestry

Described *Herpetomonas mariadeanei* 1978 with Freymuller & Wallace

With R.S. Nussenzweig, P. Potocnjak, V. Nussenzweig & M. Aikawa. Hybridoma produces protective antibodies against the sporozoite stage of malaria parasite. *Science* 207(1):71-3, 1980

## CONTRIBUTIONS

A macromolecule-free partially defined medium for *Trypanosoma cruzi*. *J. Protozool.* 22:128-30, 1975

With E.P. Camargo, D.M. Mattei & Z. Caulada, Staphylococcal adherence to trypanosomes exposed to immune sera as a method for diagnosis of Chagas disease. *Trans. Royal Soc. Trop. Med. Hyg.* 77:825-8, 1983

With M.C. Fernandes, M. Cortez, K. Yoneyama, A. Straus & R.A. Mortara. Novel strategy in *Trypanosoma cruzi* cell invasion: implication of cholesterol and host cell microdomains. *Intern. J. Parasit.* 37:1431-41, 2007

With F.Y. Maeda, R.M. Alves, C. Cortez & F.M. Lima. Characterization of the infective properties of a new genetic group of *Trypanosoma cruzi* associated with bats. *Acta Tropica* 120:231-7, 2011

With N.O. Martins, R.T. Souza, E.M. Cordero, D.C. Maldonado, C. Cortez et al. Molecular characterization of a novel family of *Trypanosoma cruzi* surface membrane proteins (TcSMP) involved in mammalian host cell invasion. *PLoS Neglected Tropical Diseases* 9:4216, 2015

# Nobuo Oguri

April 16, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nobuo Oguri, Japanese-born Brazilian shipbuilder (Tokyo 06 December 1925 – Rio de Janeiro 27 November 2014)

Developed a methodology for management of shipyards

Along the Portuguese-born Manoel Ribeiro Gonçalves were the main names of the Brazilian shipbuilding industry building modern ships comparable to that from other great centers of shipbuilding

## COLABORATED IN SHIPBUILDING

ore/oiler Docepolo (1975), the greatest ship built at Southern Hemisphere in that day

ore/oil carriers Doceford & Tijuca (1986) were the world record-breakers among ships of their type

oiler Bicas (1984), the first ship to meet the requirements of the International Maritime Organization for fully segregated ballast tanks

# Nora Sabattini

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Nora Maria Sabattini, Argentine paleontologist (Tapalque, Buenos Aires Province 30 January 1941 – La Plata 01 April 2021)

## DESCRIBED FOSSIL TAXA

### Mollusca

#### Genera

*Amosiceras* 2006 with Riccardi & Pagani

*Asketochiton* 2000 with Hoare

*Austroneilsonia* 1975

*Barrealispira* 1987 with Taboada

*Spirilira* 2007 with Pinilla & Hlebszevitsch

*Sueroceras* 1974 with Riccardi

*Totalia* 2011 with Tortello

#### Species

*Amosiceras reticulatum* 2006 with Riccardi & Pagani

*Asketochiton chubutensis* 2000 with Hoare

*Austroneilsonia argentina* 1975

*Barrealispira mesigosi* 1987 with Taboada

*Barrealispira tupensis* 1990 with Ottone & Azcuy

*Borestus lunatus* 2007 with Pinilla & Hlebszevitsch

*Callitomaria repuelensis* 1969 with Noirat

*Calstevenus sueroi* 1979

*Cinclidonema sueroi* 1997

*Cladochonus amosi* 1967 with Noirat

*Cladochonus harringtoni* 1980

*Dentalium (Laevidentalium) chubutensis* 1979

*Dinocycloceras argentinum* 1984 with Riccardi

*Euphemites chubutensis* 1992

*Glaphyrites taboadae* 2006 with Riccardi & Pagani

*Hyalithes amosi* 1972 with Gonzalez

*Hyalithes malinamensis* 2001 with Azcuy & Carrizo

*Hyalithes patagoniensis* 2002 with Pagani & Taboada

*Mooreoceras zalazarensis* 1984 with Riccardi

*Mourlonia cuneoi* 2008 with Ferrari

*Mourlonia punillana* 2001 with Azcuy & Ottone

*Mourlonia sanjuanensis* 1991 with Ottone & Azcuy

*Nardospira yochelsoni* 1995

*Paraconularia anteloi* 2001 with Azcuy & Carrizo

*Peruvispira australis* 1969 with Noirat

*Peruvispira reedi* 1980

*Peruvispira sueroi* 1969 with Noirat

*Platyteichum tenuicostatum* 1997

*Retispira patagoniensis* 2013

*Sinuitina (Spirilira) tenuis* 2007 with Pinilla & Hlebszevitsch

*Sinuitina gonzalezi* 1978

*Straparollus perminutus* 1995

*Strepsodiscus austrinus* 2008 with Pinilla, Tortello & Aceñolaza

*Sueroceras irregulare* 1974 with Riccardi

*Tajinella iruyensis* 2004 with Pagani & Tortello

## Bryozoa

### Species

*Eliasopora australis* 1983

*Fenestella altispinose* 1972

*Fenestella antinacensis* 1972

*Fenestella barrealensis* 1972

*Fenestella sanjuanensis* 1972

*Fenestella sueroi* 1972

*Fenestella tepuelensis* 1972

*Fenestella zalazarensis* 1972

*Fistulamina amosi* 2002

*Fistulamina bifurcata* 2002

*Levifenestella argentina* 1972

*Levifenestella chubutensis* 1972

*Penniretepora patagonica* 1990

*Penniretepora tenuissima* 1990

*Septapora engeli* 1983

*Septapora freytesi* 1983

Thanks to Alberto C. Riccardi for his contribution to this page

# Norma Luiza Wurdig

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Norma Luiza Würdig, Brazilian paleontologist and hydrobiologist (c.1950 –

## DESCRIBED

### FOSSIL PISCES SPECIES (1975)

*Orodus milleri*

*Xenacanthus pricei*

*Xenacanthus santosi*

### LIVING OSTRACODA (with Pinto)

#### Genus

*Diaphanocypris* 1990

#### Species

*Cypretta vivacis* 1993

*Keysercypris circinata* 1993

*Limnocythere cidreirensis* 1994

*Typhlocypris* (*Typhlocypris*) *pumilis* 1999

## HONORS

*Wurdigneria* Richter 2005 (Fossil Pisces)

# Norman Sapeika

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Norman Sapeika, Jewish South African pharmacologist (Oudtshoorn, Cape Province 17 January 1909 – ?)

From Lithuanian father and Polish mother

## SOME BIBLIOGRAPHY

Actions and uses of drugs (book)

With E.R. Kaplan. Effect of the antiepileptic drug sodium valproate on induction of hepatic microsomal P450. Res. Comm. Chem. Path. Pharmacol. 10:767-8, 1975

With J.H. Holmes & H. Zwarenstein. Effects of anti-obesity drugs on lipase activity in vitro. Res. Commun. Chem. Path. Pharmacol. 10:735, 1975

Drugs in obesity. S. Afr. Med. J. 48:2027-30, 1974

The toxicity of foods of natural origin. Trans R. Soc. S. Afr. 41:1-17, 1974

With E.L. Stephens. *Clitocybe africana*. S. Afr. J. Med. 39:749-50, 1965

With C.J. uys & D. McKenzie. The cape death cup (*Amanita capensis*), an experimental investigation. S. Afr. J. Lab. Clin. Med. 6:12-20, 1960

The excretion of drugs, pesticides and radionuclides in milk. S. Afr. Med. J. 33:818-20, 1959

Radiographic use of lead EDTA in man. Brit. Med. J. 2:167-9, 1955

Actions of lead EDTA complex. Arch. Internat. Pharmacodynam. 101:488-94, 1955

Antagonism of digitalis action by EDTA. Arch. Intern. Pharmacodin. 97:373-8, 1954

The *Senecio* alkaloids. S. Afr. Med. J. 26:485, 1952

The action of venenatin, a glycoside from *Acokanthera venenata*. S. Afr. J. Med. Sci. 14:87-8, 1949

The actions of rubellin and prorubellidin (in comparison with transvaalin) 1949

Mussel poisoning. S. Afr. Med. J. 22:337, 1948

Adrenal cortex and arterial hypertension. Arch. Intern. Med. 82(3):263-309, 1948

With L. Berk. Determination of circulation time: unsuitability of papaverine. Am Heart J. 30:365-6, 1945

The action of rubellin, a glycoside from *Ursinea rubella*. S. Afr. J. Med. Sci. 9:31-2, 1944

Fatal human poisoning from plants in Southern Africa. Clin. Proceed. 3:264-71, 1944

Gonadotrophs action of desoxycorticosterone acetate in *Xenopus laevis* S. Afr. J. Med. Sciences (1942)

Weather changes and eclampsia. J. Obst. Gynaec. Brit. Emp. 53:461, 1941

Pharmacological actions of *Adenium oleifolium* S. Afr. J. Med. Science (1941)

With H.A. Shapiro & M.H. Finlayson. Pharmacological actions of the venom of *Lairodectus indistinctus*. S. Afr. J. Med. Sci. 4:1017, 1939

The excretion of drugs in human milk: a review. J. Obst. Gynaec. Brit. Emp. 54:426-31, 1937

With J.W.C. Gunn. The biological assay of digitalis preparations: potency corresponding to mortality of frogs (*Xenopus laevis*). S. Afr. J. Med. Sci. 1:191-2, 1936

The pharmacological actions of plants of the genera *Cotyledon* and *Crassula*. N.O. Crassulaceae. Arch. Intern. Pharm. Ther. LIV:307-28, 1936

The toxicity of certain alcohols to *Xenopus laevis*. Arch. Int. Pharmacodyn. 50:296-7, 1935

The responses of the batrachians alimentary canal to autonomic drugs: *Xenopus laevis* (South African clawed toad) – acetylcholine. Arch. Int. Pharmacodyn. 49:115-7, 1934

## HONOURS

Marquis Who's Who in the World (1978-9)

The International Who's Who, Europa Publications Limited (1974)

# Noshir Hormusjee Wadia

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Noshir Hormusjee Wadia, Indian neurologist (Surat, Gujarat State 10 January 1925 – Mumbai 10 April 2016)

Authored over 130 papers

Documented the degeneration of neurons in the parapontine reticular formation

With S. Geiner, A.K. Horn, H. Sakai & J.A. Buttner-Ennever. The neuroanatomical basis of slow saccades in spinocerebellar ataxia type 2 (Wadia subtype). *Prog. Brain Res.* 171:575-81, 2008

## DESCRIBED NEW SYNDROMES

Spinocerebellar ataxia type 2 or Wadia syndrome (1971)

With R.K. Swami. A variety of olivopontocerebellar atrophy distinguished by slow eye movements and peripheral neuropathy. *Adv. Neurology* 41:49-77, 1984

With R.K. Swamy. A new form of heredo-familial spinocerebellar degeneration with slow eye movements (nine families). *Brain* 94:359-74, 1971

With P.N. Wadia, S.M. Katrak & V.P. Misra. A study of the neurological disorder associated with acute haemorrhagic conjunctivitis due to enterovirus 70. *J. Neurol. Neurosurg. Psych.* 46(7):599-10, 1983

## HONOURS

World Federation of Neurology Gold Medal (2009)

Lifetime Achievement Award in Medical Excellence, Harvard Medical International and Wockhardt Ltd (2003)

Honorary Member, American Neurological Association (1977)



# Nuno Alvares Pereira

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Nuno Álvares Pereira, Brazilian pharmacologist (Rio de Janeiro 12 August 1920 – Rio de Janeiro 10 January 2012)

Authored over 100 scientific works mainly on natural products pharmacology

With H. Moussatché gave pioneering contributions to knowledge of corticotrophic hormones

Proposed a method for dosage of heparin

Notas sobre a padronização e ensaio da heparina. Rev. Bras. Farm. 11:423, 1953

Discovered alkaloid polyneuridine from *Aspidosperma polyneuron*

With L. Antonaccio, B. Gilbert, C. Dejerassi et al. Polyneuridine, a new alkaloid from *Aspidosperma polyneuron* and some observations on mass spectra of indole alkaloids. J. Amer. Chem. Soc. 84 (2161): 70, 1962

With R.J. Siqueira Jaccoud first showed cardiotonic activity of *Oxypetalum balansae* (1979)

Discovered alkaloid nitidine from *Fagara tingoassuiba*, that is able to inhibit reverse transcriptase (1990s)

With W.B. Mors & C.T. Rizzini Medicinal Plants of Brazil with international circulation (2000)

## MEMBERSHIP

Active Member, New York Academy of Sciences (1963)

Member, American Society of Pharmacognosy (1970)

## Odriozola family

April 16, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Manuel Odriozola Romero, Peruvian physician (Lima 26 March 1826 – Lima 27 June 1888)

First to perform special studies over nasal miyasis

Authored the first study about Peruvian verruca or bartonellosis in Estudio acerca de la verruga peruana (1858)

Authored Verrugas i gusanera de las narices in Gaceta Medica de Lima 1:140, 1858, a work that was praised by French medical community

His son, Ernesto Odriozola Benavides, physician (Lima 06 May 1862 – Lima 16 March 1921)

His doctoral thesis Les lésions du coeur consecutives a l'atherome des coronaires (1888) received a gold medal from Faculté de Medecine de Paris

Authored La maladie de Carrión ou verruga peruvienne (1898), the most complete work about it until its day

# Oliveira family

April 16, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Euzébio Paulo de Oliveira, Brazilian geologist, paleontologist and petrographer (Abaeté, Minas Gerais State 14 August 1882 – Rio de Janeiro 12 October 1939)

Authored 146 works

## DESCRIBED FOSSIL SPECIES

### Plantae

*Dadoxylon derbyi* 1936

### Invertebrata

*Biconvexiella roxoi* 1936

*Langella imbituensis* 1930

*Nuculana woodworthi* 1930

*Orbiculoidea guaraunensis* 1930

*Quinquenella rionegrensis* 1930

## HONORS (Fossil)

*Euzebiola* Sommer 1954 (Algae)

*Eusebia* Maury 1930 (Bivalvia)

*Oliveirania* Maury 1927 (Annelida)

*Oliveiraia* Mendes 1954 (Mollusca)

His son, Paulo Erichsen de Oliveira, geologist and paleontologist (Ponta Grossa, Paraná State 04 November 1911 – Rio de Janeiro 25 September 1969)

From Danish ancestry by maternal side

## DESCRIBED FOSSIL MOLLUSCA SPECIES

*Anchura roxoi* 1951

*Anomia aracajuensis*

*Aturia ackermanni* 1958

*Baculites kegel* 1957

*Coilopoceras luciano* 1969 with Brito

*Coilopoceras mauryae* 1969 with Brito

*Coilopoceras sergipensis* 1969 with Brito

*Cypraea azevedoi* 1957

*Estheriella brasiliensis* 1953

*Exogyra truncata* 1940

*Grptoestheriella brasiliensis* 1953 (Ostracoda)

*Gryphaeostrea duartei* 1940

*Gryphaeostrea euzebioi* 1940

*Hercoglossa lamegoi* 1953

*Hoplitoides brasiliensis* 1969

*Hoplitoides duartei* 1969 with Brito

*Inoceramus calumbiensis* 1940

*Mammites sergipensis* 1969 with Brito

*Mytilus rosadoi* 1962

*Nerinea pontagrossensis* 1958

*Pecten nordestensis* 1943

*Pseudotissotia benderi* 1969 with Brito

*Pseudotissotia simplex* 1969 with Brito

*Turritella minima* 1940

*Venericardia linoi* 1957

*Xenophora vasconcellosi* 1957

## **HONORS (Fossil)**

*Paulophyton* Dolianiti 1954 (Plantae)

*Paulomyces* Sommer 1954 (Plantae)

*Erichsenella* Tinoco 1955 (Foraminifera)

# Olivério Pinto

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Olivério Mário de Oliveira Pinto, Brazilian ornithologist (Jaú, São Paulo State 11 March 1896 –Piracicaba 13 June 1981)

## DESCRIBED NEW TAXA

### Aves

#### Species

*Hylopezus nattereri* 1937

*Neopelma chrysolophum* 1944

*Synallaxis infuscata* 1950

#### Subspecies

*Attila rufus hellmayri* 1935

*Campylorhamphus trochilirostris guttistriatus* 1955 with Camargo

*Campylorhamphus trochilirostris omissus* 1933

*Cercomacra laeta sabinoi* 1939

*Chlorostilbon lucidus berlepschi* 1938

*Chordeiles pusillus saturatus* 1957 with Camargo

*Cichlocolaptes leucophrus holti* 1941

*Conopophaga melanops nigrifrons* 1954

*Cranioleuca semicinerea goyana* 1936

*Cranioleuca vulpina solimonensis* 1938

*Cyanocorax chrysops insperatus* 1961 with Camargo

*Deconychura longicauda zimmeri* 1974

*Dendrocicla fuliginosa taunayi* 1939

*Furnarius tricolor araguaiae* 1952 with Camargo

*Glyphorhynchus spirurus paraensis* 1974

*Hylocharis chrysura lessoni* 1955

*Hypocnemis flavescens perflava* 1966

*Hypoedaleus guttatus leucogaster* 1932

*Momotus momota marcgravianus* 1961 with Camargo

*Myiozetetes similis pallidiventris* 1935

*Myrmeciza ruficauda soror* 1940

*Neomorphus geoffroyi maximiliani* 1962

*Nyctiprogne leucopyga majuscula* 1952 with Camargo

*Odontophorus gujanensis snethlagei* 1938

*Ortalis squamata remota* 1960

*Piaya cayana hellmayri* 1938

*Picumnus pygmaeus distinctus* 1961 with Camargo

*Picumnus lafresnayi pusillis* 1936

*Picumnus limae saturatus* 1961 with Camargo

*Pionus menstruus chlorocyanescens* 1962

*Pionus menstruus cyanescens* 1960

*Platyrinchus mystaceus niveigularis* 1954

*Pyriglena leuconota interposita* 1947

*Schiffornis turdina intermedia* 1954

*Schistochlamys ruficapillus sicki* 1952 with Camargo

*Schoeniophylax phryganophilus petersi* 1949

*Selenidera gouldii baturitensis* 1961

*Sittasomus griseicapillus transitivus* 1948 with Camargo

*Synallaxis brachyura jaraguana* 1936

*Tachornis squamata orientalis* 1961 with Camargo  
*Thamnophilus aethiops distans* 1954  
*Trogon melanurus occidentalis* 1950  
*Xenops minutus alagoanus* 1954  
*Xiphocolaptes major remoratus* 1945  
*Xiphocolaptes promeropirhynchus paraensis* 1945  
*Xiphorhynchus eytoni gracilirostris* 1957 with Camargo

**Mammalia**

**Subspecies**

*Sciurus (Guerlinguetus) aestuans garbei* 1931

**HONORS**

*Oliverius* Soares & Soares 1945 (Arachnida)

# Orfilio Pelaez

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Orfilio Orestes Pelaez Molina, Cuban ophthalmologist (Cespedes District, Camaguey Province 17 November 1923 – La Habana 17 January 2001)

Developed a new surgical treatment of retinitis pigmentosa (1987)

Described and named a scleral sign called tattoo sign

# Orlando Eugenio Villamayor

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Orlando Eugenio Villamayor, Argentine mathematician (Buenos Aires 22 June 1923 – Paris, France 22 February 1998)

Formulated algebraic theory of quadratic forms and Clifford algebras for projective modules of finite type (with Artibano Micali)

Introduced the concept of V-rings

With K.R. Mount introduced the concept of Jacobian extension of ideals (1974)

Authored Nuevo planteo de la ecuación dinámica de los gases (1949)

## EPONYMY

Karoubi-Villamayor K algebraic functors

Karoubi-Villamayor K groups

Hattori-Villamayor-Zelinsky sequences

Villamayor algebras

Villamayor theorem (1954)

Villamayor lemma

Villamayor-Zelinsky map



# Orlando Rangel

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Orlando da Fonseca Rangel, Brazilian pharmacist (São Gonçalo, Rio de Janeiro State 29 February 1868 – Rio de Janeiro 20 December 1934)

Authored over 100 works

Important studies with good repercussion in Europe

A noz de kola na terapêutica. Anais Acad. Nac. Medicina (1896)

Em torno da dosagem e do mecanismo de acção dos mercúrios no tratamento da syphilis (1926)

A syphilis e seu tratamento (1926-34)

Applied Nernst principle to explanation of the choice of metal for a micelle constitution in colloidal chemotherapy

Nova contribuição ao estudo da eletroquimioterapia coloidal (1918)

Proposed a hypothesis about oxidase nature

Das oxidases e seu papel na atividade terapeutica dos vegetaes

O papel biológico das oxidases e dos metaes colloidaes eléctricos

Developed pharmaceutic preparations such as wine of crystallized guaiacol (1895) and the milky magnesia that bears his name

## SOME BIBLIOGRAPHY

Contribuição ao determinismo terapêutico (1915)

O gaiacol cristalizado (1895)

A salicilagem dos vinhos (1900-2)

A esterilização das plantas medicinais (1911)

# Oscar Rosler

June 26, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Oscar Roesler (Rosler), Brazilian paleobotanist (Mafra, Santa Catarina State 03 December 1938 – Belo Horizonte 26 June 2018)

## DESCRIBED NEW FOSSIL TAXA

### Plantae

#### Genera

*Fildesia* 1987 com Rohn & Czajkowski

*Ilexoidephyllum* 1989 with Rohn

#### Species

*Annularia occidentalis* 1974

*Annularia readi* 1974

*Asterotheca derbyi* 1972

*Buriadia figueirensis* 2012 with F.S. Torres

*Fildesia pulchra* 1987 with Rohn & Czajkowski

*Glossopteris grafi* 1984 with Rohn

*Glossopteris dorizonensis* 1984 with Rohn & Oliveira Babinski

*Glossopteris margiondulata* 1984 with Rohn

*Glossopteris riorastensis* 1984 with Rohn & Oliveira-Babinski

*Glossopteris singenervis* 1984 with Rohn

*Glossopteris spathulato-emarginata* 1984 with Rohn

*Ilexoidephyllum permicum* 1989 with Rohn

*Paulophyton dolianitii* 1999 com Iannuzzi

*Pecopteris bracingaensis* 1986 with Rohn

*Pecopteris cadeadensis* 1986 with Rohn

*Pecopteris dolianitii* 1986 with Rohn

*Pecopteris esperancensis* 1986 with Rohn

*Pecopteris taguaiensis* 1986 with Rohn

*Phyllothea brevifolia* 2008 with Iannuzzi, Boardman & Barone

*Sphenophyllum brasiliensis* 1974

*Sphenophyllum paranaensis* 1983 with Rohn

*Triphyllopteris boliviana* 1993 with Iannuzzi & Suarez-Soruco

### Others

#### Genera

*Gondvanoptilon* 1981 with Rohn & Albamonte (Odonata)

#### Species

*Gondvanoptilon brasiliense* 1981 with Rohn & Albamonte (Odonata)

*Lagenosporites triunfensis* 1984 with Arai (Sporae/Pollen)

*Peruvispira delicata* 1978 with Rocha Campos (Brachiopoda)

*Skolithos ayalis* 1987 with Ciguel & Clerici (Ichnofossil)

## HONORS (Fossil)

*Roesleriana* Martins-Neto 1997 (Neuroptera)

*Roslerichthys* Hamel 2005 (Pisces)

# Oscar Sala

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Oscar Sala, Italian-born Brazilian nuclear physicist (Milano 26 March 1922 – São Paulo 02 January 2010)

## ACHIEVEMENTS

With Gleb Wataghin performed the first measurement of absorption coefficient from cosmic radiations that generates penetrating showers (1942), showed particles production in nucleon-proton collisions (1944) and discovered the measure of section from proton-proton interaction total shock in high energies (1945)

## INSTRUMENTATION

Developed a new kind of differential voltmeter for high voltages

With T. Polga & R.A. Douglas. A differential generating voltmeter. Rev. Sci. Instr. 41;16, 1970

Developed rapid circuits of electronic coincidence

With Paulo T. Bittencourt improved the technique of using electronic oscilloscopes in measurements of mean lifetime of nuclides isomers (1940s)

Headed the construction of Van de Graaff accelerator of University of São Paulo, the first electrostatic device in the world to use pulsed beams for study of nuclear reactions (1954)

With R.G. Herb. Design of electrostatic generator for Universidade de São Paulo, Brazil. Phys. Rev. 74:1260, 1948.

# Oscar Tovar

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Oscar Dario Tovar Serpa, Peruvian botanist (Conaica, Huancavelica 25 October 1923 –Lima 27 October 2009)

## DESCRIBED VALID POACEAE SPECIES

*Aristida chiclayense* 1984

*Calamagrostis ampliflora* 1960

*Calamagrostis cuzcoensis* 1985

*Calamagrostis macbridei* 1960

*Calamagrostis pungens* 1960

*Calamagrostis rauhii* 1960

*Chuquiraga weberbaueri* 1952

*Dasyphyllum weberbaueri* 1953

*Dissanthelum amplivaginatum* 1985

*Dissanthelum breve* 1965 with Swallen

*Dissanthelum brevifolium* 1965 with Swallen

*Dissanthelum giganteum* 1985

*Dissanthelum laxifolium* 1965 with Swallen

*Dissanthelum longifolium* 1965

*Dissanthelum longiligulatum* 1965 with Swallen

*Dissanthelum pygmaeum* 1965

*Dissanthelum rauhii* 1965

*Dissanthelum semitectum* 1965 with Swallen

*Eragrostis ancashensis* 2000 with Peterson & Refulio

*Festuca densiflora* 1972

*Festuca divergens* 1972

*Festuca glabrata* 1972

*Festuca lanatifolia* 1972

*Festuca longigluma* 1972

*Festuca longivaginata* 1972

*Festuca pubigluma* 1972

*Festuca rigidifolia* 1972

*Festuca tenuiculmis* 1972

*Nassella ayacuchensis* 1988

*Nassella huallancaensis* 1988

*Nassella soukupii* 1988

*Nassella wurdackii* 1981

*Poa aequigluma* 1965

*Poa anae* 1985

*Poa dentigluma* 1985

*Poa dissanthelioides* 1981

*Poa ferreyrae* 1965

*Poa glaberrima* 1965

*Poa huancavelicae* 1965

*Poa marshallii* 1981

*Poa scabrivaginata* 1965

*Poa spicigera* 1965

*Poa staffordiae* 1981

*Stipa Vargasii* 1981

**HONORS**

*Tovarochloa* Macfarlane & But 1982 (Poaceae)

# Oswaldo Alfredo Reig

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Oswaldo Alfredo Reig Barutta, Argentine zoologist and paleontologist (Buenos Aires 14 August 1929 – Buenos Aires 13 March 1992)

## DESCRIBED VERTEBRATA TAXA

### SUPRAGENERIC

16 taxonomic hierarchies one of them being the subfamily Tylomyinae 1984 of living mammals

### FOSSIL GENERA

#### Amphibia

*Chacophrys* 1963 with Limeses

*Saltenia* 1959

*Vieraella* 1961

#### Reptilia

*Herrerasaurus* 1963

*Ischisaurus* 1963

*Proterochampsia* 1959

*Saurosuchus* 1959

*Triassolestes* 1963

#### Mammalia

*Abalosia* 1991 with Quintana

*Chasicostylus* 1957

*Cholomys* 1980

*Dankomys* 1978

*Pliolestes* 1955

*Stipanicia* 1956

*Thylatheridium* 1952

*Thylophorops* 1952

### Species

About 40 living and fossil species

### HONORS (Fossil Mammalia)

*Reigechimys* Verzi, Vucetich & Montalvo 1994

*Reigia* Pascual 1983

*Reigitherium* Bonaparte 1990

### LINKS

[HTTP://www.fundacionazara.org.ar/Publicaciones/Arandu/REIG.pdf](http://www.fundacionazara.org.ar/Publicaciones/Arandu/REIG.pdf) See <http://www.fundacionazara.org.ar/Publicaciones/Arandu/REIG.pdf>.

# Oswald Otto Popper

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Oswald Otto Popper, South African surgeon (28 March 1899 – Dunkeld, Johannesburg 14 August 1957)

From Austrian parents

Elaborated the transtympanic method of labyrinth fenestration without opening for the mastoid (1946)

Designed surgical instruments such as a suction dissector, a bronchoscope with proximal lighting, a double-blade hemostatic guillotine and an adenotome

## **PATENTS**

Means for the insertion of intra-vaginal packs US2416642A (1947)

Vaginal pack device US2351836A (1944)

# Oswaldo Luiz Ramos

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Oswaldo Luiz Ramos, Brazilian physician (São Paulo 17 May 1928 – 30 May 1999)

Authored 172 works

Coauthored two classical works about hepatic function in dogs

With H.O. Wheeler. Determinants of the flow and composition of bile in the unaenesthetized dog during constant infusion of sodium taurocholate. J. Clin Invest. 39:151-70, 1960

With N.B. Javitt, H.O. Wheeler, K.J. Baker & S.E. Bradley. The intrahepatic conjugation of sulfobromophthalein and glutathione in the dog. J. Clin. Invest. 39:1570-7, 1960

Authored a habilitation thesis with international repercussion

Portal hemodynamics and liver cell function in hepatic schistosomiasis. Gastroent. 47:241-7, 1964

## HONOURS

Invited, Chamber for High Blood Pressure Research, American Heart Association (1980)



# Oswaldo Ramírez

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Oswaldo Ramírez Cienfuegos, Salvadorean dermatologist (Santa Ana 1924 – 13 April 1985)

First described erythema dyschromicum perstans or Ramírez syndrome

Los cenicientos: problema clínico. First Central American Congress of Dermatology, San Salvador, El Salvador, December 5-8, 1957

## SOME BIBLIOGRAPHY

Cromoblastomycosis en El Salvador: reporte de un caso. Arch. Col. Med. El Salvador 9:218-23, 1956

Dermatología en barro en El Salvador. Actas Finales V Congr. Ibero-Latinoam (Buenos Aires), p.1137-43, 1963

With A. Trejos. Local Heat in the treatment of sporotrichosis. Mycopathology 30:47-53, 1966

The ashy dermatosis (erythema dyschromicum perstans): epidemiological study and report of 139 cases. Cutis 3:244-7, 1967

Various skin and venereal diseases treated with triple-tetracycline (report of 25 cases)> actas Dermosifiliogr. 62(1):27-36, 1971

# Oswaldo Sala

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Oswaldo Sala, Brazilian spectroscopist (Bauru, São Paulo State 29 June 1926 –

With H. Stammreich et al. authored classical works in the field of Raman spectroscopy

With H. Stammreich, R. Forneris & A.G. Ayrosa developed the technique of the excitation of Raman spectra with helium lamps in Technique and results of excitation of Raman spectra in the red and near infrared region. *Spectrochim. Acta* 8:41–45, 1956

With H. Stammreich introduced large contribution to Raman scattering studies of metals (1958–61)

With H. Stammreich & R. Forneris presented reported studies of metallocarbonyls, cyano complexes, halogen complexes and interhalogen compounds

With H. Stammreich & R. Forneris developed narrow bandpass filters that resulted in the ability to obtain superb Raman spectra of solid or turbid solutions

With H. Stammreich & R. Forneris introduced the use of rubidium vapor lamp with strong resonance for obtaining spectra of  $\text{Cl}_4$  and many other species

Introduced a number of valuable contributions about resonant Raman effect

With S. Isotani authored A relation between bending and interaction force constants with the ionic character. *An. Acad. Bras. Cien.* 45:349, 1973

With M.L.A. Temperini & W.J. Barreto imagined a new representation of SERS enhancement emphasizing the modulation of vibrational mode in SERS effect (1983)

With L.K. Noda & X. Araku developed a procedure to obtain the effective nuclear charge from the atomic spectrum of sodium (1999)

With A.M. Pereira Neto developed a method to obtain the components of the broad Raman band assigned to the OH stretching vibrations of liquid water (2004)

# Oswaldo Vital Brazil

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Oswaldo Vital Brazil, Brazilian pharmacologist and toxinologist (São Paulo 02 March 1912 – Campinas, São Paulo State 26 October 2008)

Son of physician Vital Brazil

Gained international recognition on action mechanisms of venoms and toxins from snakes, spiders and scorpions

First application in man of anti *Ctenus* serum

Imunização por via intradérmica e por via sub-cutânea pelo soro antictenus. Método de dosagem e primeira aplicação no homem. Anais Paul. Med. Cir. 60(5):555-63, 1950

Obtained, purified and clarified the chemical structure of beeberine (1946-7)

Isolated chondrocurare from *Chondrodendrum platyphyllum* (1942) used as muscle relaxant

Demonstrated pharmacological basis of venom actions from snakes *Micrurus* sp. and *Crotalus* sp.

Discovered that 3,4 diaminopyridine is able to inhibit dessensitization phenomenon (1983)

With A. P. Corrado discovered neuromuscular action of antibiotics and the blocking mechanism of streptomycin in high doses (1957)

With J. Prado-Franceschi, M.G. Lomba and N.F. Heluany discovered convulxine a new toxin from rattle snake venom (1967)

With A. Barrio described an apparatus for obtaining bird spider venom employing electrical shock

With M. Lomba, J.C. Barberio & J. Kieffer. A biosynthetic method for labeling snake venoms. Intern. Conference Radioactive Isotope in Pharmacol. (1969)

# Otto Schubart

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Otto Rudolf Julius Schubart, German-born Brazilian zoologist (Berlin 17 February 1900 – Campinas, São Paulo State 08 November 1962)

World authority on Diplopoda

**DESCRIBED NEW TAXA**

**Diplopoda**

**Genera**

38

**Species**

About 200

**Myriapoda**

**Genera**

63

**Crustacea (with Szidat 1960)**

**Genus**

*Philostomella*

**Species**

*Philostomella cigarra*

*Riggia brasiliensis*

*Riggia nana*

*Telothia silurii*

**Pisces**

**Valid Species**

*Cetopsorhamdia iheringi* 1959 with Gomes

*Chasmocranus brachynemus* 1958 with Gomes

*Hypostomus fluviatilis* 1964

*Hypostomus nigromaculatus* 1964

*Phenacorhamdia tenebrosa* 1964

**HONORS**

*Schubartia* Verhoeff 1927 (Myriapoda)

*Schubartesia* Soares 1944 (Arachnida)

*Schubartina* Lawrence 1937 (Diplopoda)

*Brasiloschubartia* Jeekel 1963 (Diplopoda)

Subgenus *Schubartella* Viets 1937(Acari)

# Otto Wucherer

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Otto Eduard Heinrich Wucherer, Brazilian physician and naturalist (Porto, Portugal 07 July 1820 – Salvador 07 May 1873)

From German father and Flemish mother

## ACHIEVEMENTS

Observed embryos of microfilariae in urine later named *Wuchereria bancrofti* (1866)

Described anatomical pathology of ainhum or Silva Lima disease

Authored Sobre o modo de conhecer as cobras venenosas in Gazeta Medica da Bahia 17:193-6, 1867, translated and published in Europe

Set up morphological rules to identifying poisonous snakes

Described typical symptoms of snake bite poisoning

Predicted the serum therapy for snake bites

Described 2 new valid snake species: *Atractus guentheri* & *Xenopholis scalaris* (1861)

## HONORS

*Wuchereria* Silva Araújo 1877 (Nematoda)

# Otto Zoellner

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Otto Zoellner, German-born Chilean botanist (Hanau, Hesse State 21 November 1909 – Quilpué 01 December 2007)

## DESCRIBED PLANTAE TAXA

### Genus

*Chrysocoryne* 1973

### Species

*Bowlesia macrophysa* 1973

*Culcitium albifolium* 1970

*Ephedra trifurcata* 1975

*Leucocoryne conferta* 1972

*Porophyllum tarapacatum* 1979

### Varieties

*Leucocoryne coquimbensis* var. *alba* 1972

*Prosopis reptans* var. *chilensis* 2001 with Olivares

## HONORS

*Zoellnerium* Crosa 1975 (Amaryllidaceae)

# Ovidio Rebaudi

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ovidio Rebaudi Balestra, Paraguayan chemist (Asunción, 31 December 1860 – Buenos Aires, Argentine 17 October 1931)

From Italian father and Argentine mother

Authored the first chemical analysis of *Stevia rebaudiana*, isolating the glycoside stevioside (1900)

Developed a new procedure of active tannin dosage for the leather

Honored in glycoside rebaudioside

## P. Susai Nathan

April 9, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Prabala Susai Nathan or Prabala Susainathan, Indian entomologist and collector (18 April 1891 – 17 March 1976)

### SOME BIBLIOGRAPHY

Some important pests of the Malay Peninsula. Proc. 5<sup>th</sup> Entom. Mtg. Pusa p.28-33, 1924

The fruit moth problem in the northern Circars. Agric. J. India 19:402-4, 1924

Fruit-sucking moths of South India. Proc. 5<sup>th</sup> Entomol. Mtg. Pusa p.123-7, 1924

With Y. Ramachandra Rao. A note on *Pamtelphusa hydrodomus* Herbst, the freshwater crab of South India. Proc. 5<sup>th</sup> Entom. Mtg Pusa p. 136-40, 1924

Birds friends and foes of farmers. Bull. Dept. Agric. Madras 81:24, 1921

With R.T.V. Ayyar & J.A. Muliylil. A preliminary investigation of “pollu” disease of pepper disease in North Malabar (1918)

### HONORS

*Nathanella* Demoulin 1955 (Ephemeroptera)



## P.C. Suratman

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

P.C. Suratman, Indonesian physicist and engineer

Eponym of Suratman number or Laplace number

With P. Van der Leeden & I.D. Nio. The velocity of free falling droplets. Appl. Sci. Res. Sect. A 5(5):338-48, 1955

## P.L. Narasimha Rao

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

P.L. Narasimha Rao, Indian biochemist and microbiologist (Cuddapah District, Andhra Pradesh 12 June 1913 – Mysore 21 December 2013)

Authored more than 100 research papers

Obtained chemicals with antibiotic properties from plants and fungi

Proposed tetrahydroxanthone structure for morellin from *Garcinia* sp.

Isolated and purified terpenes, guttiferin, pigment gamboge and certain purines and derivatives

Isolated the antibiotic neomorellin and pterygospermin (1946)

Discovered antimicrobial properties of benzyl isothiocyanate and related compounds

With Uma described *Streptomyces champavatii* (1959)

# P.P. Satsangi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

P.P. Satsangi, Indian paleontologist (fl.1961-2000)

## DESCRIBED FOSSIL TAXA

### Genus

*Babiacetus* 1984 with Trivedy (Mammalia)

### Species

*Babiacetus indicus* 1984 with Trivedy (Mammalia)

*Ceratodus nageshwari* 1970 with Shah (Pisces)

*Ebalia spinosa* 1997 with Tiwari & Barman (Crustacea)

*Geoemyda pilgrimi* 1963 with Prasad (Reptilia)

*Lystrosaurus rajurkari* 1963 with Tripathi (Reptilia)

*Neptunus sijuensis* 1980 with Parida (Crustacea)

*Palaeocarpilius bispinosus* 1989 with Changkakoti (Crustacea)

*Thrinaxodon bengalensis* 1987 (Mammalia)

## OTHERS CONTRIBUTIONS

A new mammal-like reptile from the Lower Triassic of India. Rec. Geol. Survey Ind. (1973)

Some new plant fossils from the Panchet Formation of Raniganj Formation Coalfield. Ind. Miner. 27(3):76-8, 1973

## HONORS (Fossil)

*Satsangia* Srivastava & Maheshwari 1973 (Plantae)

*Satsangisaccites* Bharadwaj & Srivastava 1969 (Sporae)

# Pablo Negroni

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pablo Negroni Rava, Argentine medical mycologist (Buenos Aires 03 June 1904 – Buenos Aires 04 June 1992)

Described a new skin disease

With P.L. Balaña. Intertrigo des orteils et onyxis dus à un nouveau parasite. Ann. Dermat. Syphil. Ser 7 3:8-20, 1932

Developed first vaccine for actinomycosis

Vacuna curativa de la actinomicosis. Rev. Arg. Derm. 16:45-52, 1932

First to apply auxanographic method to filamentous fungi (1938)

## DESCRIBED FUNGI TAXA

### Genera

*Fonsecaea* 1936

*Pseudallescheria* 1944 with I. Fischer

### Species

*Acremonium spinosum* 1933 (agent of superficial white onychomycosis)

*Chrysosporium spinulosum* 1963 with Freire

*Geotrichum redaelli* 1940 with I. Fischer

*Nectaromyces rattus* 1947 with Daglio

*Prototheca ciferrii* 1941 with Blastein (recognized today as a protozoan)

*Pseudallescheria shearii* 1944 with I. Fischer

*Trichophyton areolatum* 1929

*Trichosporon proteolyticum* 1939 with Villafaña

## DEVELOPED TECHNIQUES AND OTHERS

An auxanogram technique with Daglio

A procedure for a single cell culture (1931)

Negroni vacuum storage drying technique for maintaining stock cultures for *Dermatophyton*, yeasts and molds (1938)

Negroni mounting liquid

A neopeptone-thiamine and glucose medium for *Paracoccidioides brasiliensis*

Negroni medium for yeasts fermentation

Sordelli-Miravent-Negroni culture medium (1926)

Negroni germination spores test

With C. Briz de Negroni. Nuevos métodos para la determinación de *Candida albicans*. Anales Soc. Cien. Arg (1956)

With C.A.N. Daglio. Nueva observaciones con nuestro medio con polisacáridos para el diagnostico rápido de *Candida albicans*. Anales Soc. Cien. Arg (1962)

With C. Briz. Nueva técnica para el estudio auxanografico de las leveduras. Rev. Inst. Malbrán 16(2):112, 1954

# Pablo Rudomin

June 26, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Pedro Pablo Rudomín Zevnovaty, Mexican neurophysiologist (Ciudad de Mexico 15 June 1934 –

Son of Jewish Russian immigrants

Authored over 122 papers

Suggested that presynaptic inhibition of muscle spindles and tendinous receptors afferent terminals are mediated by last order distinct interneurons

Showed that aortic and sinus nerve afferent terminals are not influenced by presynaptic mechanism (1968)

With Burke & Zajac described a second form of posttetanic potentiation (1976)

With H. Kato, C.A. Cuellar, R. Delgado-Lezama, I. Jimenez Estrada, E. Manjarez & C.R. Mirasso reported the first evidence of the phenomenon of travelling electrical waves produced by populations of interneurons within the spinal cord (2013)

With J. R. Equibar, J. Quevedo & I. Jimenez first provided direct evidence showing that the motor cortex is able to modify in a highly selective manner the synaptic effectiveness of individual collaterals of the same primary afferent fiber (1994)

With M. Solodkin & I. Jimenez documented the existence of a distinct group of interneurons whose activity is associated with the recording of inhibitory potentials in ventral roots (1987)

## METHODS

With L. Macpherson showed arterial blood pressure oscillations as a method for investigating blood pressure level (1963)

With J. Madrid, J. Alvarado & H. Dutton. A method for the dynamic continuous estimation of excitability changes of single fiber terminals in the central nervous system. Neurosci. Letters 11(3):253–6, 1979

With J. Quevedo, J.R. Equibar & J. Lomeli developed a technique for determining the connections of single spinal interneurons with afferent fibers and motoneurons (1997)

With E.E. Rodríguez, E. Hernandez Lemus, B.A. Itzá-Ortiz & I. Jimenez presented a multichannel version of the detrended fluctuation analysis to reveal the synchronization of multiple groups of neurons in several segments of the spinal cord (2011)

With D. Vidaurre, E.E. Rodríguez, C. Bielsa & P. Larrañaga. A new feature extraction method for signal classification applied to cord dorsum potential detection. J. Neural Eng. 9(5), 2012

## HONOURS

Krieg Achievement Award, Ramon y Cajal International Association (2002)

Fogarty Scholar, National Institute of Health, USA (1984–91)

# Pablo Valenzuela Valdés

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pablo de Tarso Rafael Antonio Valenzuela Valdés, Chilean biomedical researcher and manager (Santiago de Chile 13 June 1941 –

With biochemist William Rutter & Edward Penhoet the biotechnology company Chiron Corporation in United States (1981)

Co-discovered the hepatitis C virus

Sequenced the hepatitis B, AIDS, delta hepatitis and salmon's infectious pancreatic necrosis viruses

Sequenced totally *Piscirickettsia salmonis* genome

## DEVELOPED

The world's first recombinant vaccine (against hepatitis B virus) in 1981

Blood banking tests

The first blood test for hepatitis C virus

New technologies for expression of recombinant viral antigens

A number of viral antigens used in vaccines and blood diagnostic tests

A new technology for production of foreign proteins in yeasts such as human insulin and human growth factor

Probes and monoclonal antibodies for detecting pathogens in salmon eggs

Vaccines for salmon aquiculture

Technologies for diagnosis and control for a number of viruses that attack grapevines

Over 40 patents

## HONOURS

Doctor Honoris Causa, Université du Bordeaux (2005)

Lifetime Achievement Award, Bay Bio Association of California (USA) 2013

Gold Medal, World Intellectual Property Organization (2015)

# Palle Rama Rao

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Palle Rama Rao, Indian material scientist and metallurgist (Kurnool, Madras State 30 June 1937 –

Authored about 160 papers

Gave important contributions on x-ray diffraction broadening in deformed metals and stacking faults

Identified and characterized crystal defects

Developed ultra-high strength steel for rocket motor castings

Developed new methods of analysis of x-rays line broadening

## MEMBERSHIP

Elected International Fellow, Royal Academy of Engineering, UK

Life Member, American Society of Materials (2004)

# Pandurang Vasudeo Sukhatme

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Pandurang Vasudeo Sukhatme, Indian biostatistician (Satara District, Maharashtra State 27 July 1911 – Pune, Maharashtra State 28 January 1997)

Authored over 200 papers

Showed that any U-statistic with a bounded kernel from a distribution whose density function is continuous at the median is bivariate normal (1957)

Proposed formulae for the estimation of required sample size (1970)

With Sheldon Margen formulated Sukhatme-Margen hypothesis “at low levels of calorie intake, energy is used with greater metabolic efficiency and efficiency is decreased as the intake increases over the applicable range”

## DEVELOPED

Statistical models for assessing the dimensions of hunger and future food supplies in the world

Methods for measuring the size and nature of the protein gap

Scientific techniques of random sampling in crop cutting surveys for the estimation of crop production

Likelihood ratio tests (1936)

## EPONYMY

Sukhatme theorem (1937)

Darling-Sukhatme theorem (1972)

Sukhatme test (1957)

Sukhatme d-statistic



# Pang-hwa Tsai

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Pang-hwa Tsai / Banghua Cai, Chinese entomologist (Liyang, Jiangsu Province 06 October 1902 – Beijing 08 August 1983)

With C.Y. Tong. A new method of surveying the damage by rice borers (1937)

## DESCRIBED NEW TAXA (more than 150 species)

### Isoptera

#### Genera

*Frontotermes* 1977 with Hwang

*Lobitermes* 1963 with Chen

*Planifrontotermes* 1977 with Hwang

#### Species

*Ahmaditermes sinensis* 1979 with Huang

*Ahmaditermes sinuosus* 1963 with Chen

*Ahmaditermes deltocephalus* 1963 with Chen

*Bulbitermes fulvus* 1963 with Chen

*Coptotermes hainanensis* 1985 with Li

*Coptotermes monosetosus* 1985 with Li

*Coptotermes varicapitatus* 1985 with Li

*Cryptotermes declivis* 1963 with Chen

*Glyptotermes chinpingensis* 1963 with Chen

*Indotermes isodentatus* 1963 with Chen

*Indotermes menggaensis* 1984 with Zhu

*Lobitermes nigrifrons* 1963 with Chen

*Microtermes dimorphus* 1963 with Chen

*Nasutitermes bulbus* 1979 with Huang

*Nasutitermes communis* 1963 with Chen

*Nasutitermes grandinasus* 1963 with Chen

*Nasutitermes medoensis* 1979 with Huang

*Nasutitermes orthonasus* 1963 with Chen

*Nasutitermes subtibetanus* 1979 with Huang

*Nasutitermes tibetanus* 1979 with Huang

*Nasutitermes vallis* 1963 with Chen

*Odontotermes angustignathus* 1963 with Chen

*Odontotermes yarangensis* 1981 with Huang

*Odontotermes yunnanensis* 1963 with Chen

*Parrhinotermes ruihensis* 1982 with Huang

*Peribulbitermes parafulvus* 1963 with Chen

*Prorhinotermes xishaensis* 1976 with Li

*Pseudocapritermes minutus* 1963 with Chen

*Pseudocapritermes pseudolaetus* 1963 with Chen

*Reticulitermes aculabilis* 1977 with Huang

*Reticulitermes chayuensis* 1975 with Huang

*Reticulitermes gaoyaoensis* 1977 with Li

*Reticulitermes hainanensis* 1977 with Huang

*Reticulitermes hunanensis* 1980 with Peng

*Reticulitermes longicephalus* 1963 with Chen

*Reticulitermes pingjiangensis* 1983 with Peng

*Reticulitermes yingdeensis* 1977 with Li

*Schedorhinotermes magnus* 1963 with Chen

*Sinocapritermes albipennis* 1963 with Chen

*Sinonasutitermes erectinasus* 1963 with Li

*Stylotermes latilabrum* 1963 with Chen

*Stylotermes valvules* 1978 with Ping

## **Coleoptera**

### **Genera**

*Acryphalus* 1963 with Li

*Confusoscolytus* 1962 with Hwang

*Jugocryphalus* 1963 with Li

*Pinetoruguloscolytus* 1962 with Hwang

### **Species**

*Confusoscolytus confusus* 1962 with Hwang

*Cryphalus chienzhwangensis* 1963 with Li

*Cryphalus chinlingensis* 1963 with Li

*Cryphalus lepocrinus* 1963 with Li

*Cryphalus lipingensis* 1963 with Li

*Cryphalus markangensis* 1963 with Li

*Cryphalus massonianus* 1963 with Li

*Cryphalus miyatopiceus* 1963 with Li

*Cryphalus opienensis* 1963 with Li

*Cryphalus pilosus* 1963 with Li

*Cryphalus pseudochinlingensis* 1963 with Li

*Cryphalus pseudotabulaeformis* 1963 with Li

*Cryphalus sinoabietis* 1963 with Li

*Cryphalus szechuanensis* 1963 with Li

*Cryphalus tabulaeformis* 1963 with Li

*Cryphalus tehchangensis* 1963 with Li

*Dendroctonus armandi* 1959 with Li

*Hylastes techangensis* 1964 with Huang

*Hylurgops eusulcatus* 1964 with Huang

*Hylurgops likiangensis* 1964 with Huang

*Phloesinus abietis* 1964 with Yin

*Phloesinus camphoratus* 1964 with Yin

*Phloesinus cinnamoni* 1964 with Yin

*Phloesinus shensi* 1964 with Yin

*Polygraphus angustus* 1965 with Yin

*Polygraphus likiangensis* 1965 with Yin

*Polygraphus retiventriculus* 1965 with Yin

*Polygraphus szemaoensis* 1965 with Yin

*Polygraphus verrucifrons* 1965 with Yin

*Scolytoplatypus sinensis* 1965 with Huang

*Scolytoplatypus superciliosus* 1965 with Huang

*Scolytus abaensis* 1962 with Yin

*Scolytus sinopiceus* 1962

*Serrastus angustus* 1965 with Yin

*Serrastus chungdianensis* 1965 with Yin

*Sphaerotrypes juglansi* 1966 with Yin

*Sphaerotrypes magnus* 1966 with Yin

*Sphaerotrypes pyri* 1966 with Yin

*Sphaerotrypes tsugae* 1966 with Yin

*Sphaerotrypes ulmi* 1966 with Yin

*Sphaerotrypes yunnanensis* 1966 with Yin

## Hemiptera

### Genera

*Floraphis* 1946

*Macrorhinarium* 1946 with Tang

*Meitanaphis* 1946 with Tang

### Species

*Adelges (Sacchiphantes) roseigallis* 1973 with Li

*Floraphis meitanensis* 1946

*Kaburagia ensigallis* 1946 with Tang

*Meitanaphis elongallis* 1946 with Tang

*Nurudea (Nurudea) sinica* 1946 with Tang

*Schlechtendalia peitan* 1946 with Tang

## Lepidoptera

### Species

*Dendrolimus densatae* 1964 with Liu

*Dendrolimus hainanensis* 1980 with Hou

*Dendrolimus himalayenus* 1964 with Liu

*Dendrolimus katingensis* 1964 with Liu

*Dendrolimus kikuchii* 1962 with Liu

*Dendrolimus marmoratus* 1976 with Hou

*Dendrolimus ningshanensis* 1976 with Hou

*Dendrolimus ochraceus* 1962 with Liu

*Dendrolimus qinlingensis* 1980 with Hou

*Dendrolimus tabulaeformis* 1962 with Liu

*Dendrolimus tehchangensis* 1964 with Liu

*Dendrolimus wenchanensis* 1964 with Liu

*Dendrolimus xunyangensis* 1980 with Hou

*Kunugia dongchuanensis* 1983 with Hou

*Kunugia dukuensis* 1980 with Hou

*Kunugia florimaculata* 1983 with Hou

*Kunugia jianchuanensis* 1976 with Hou

*Kunugia jianchuensis* 1976 with Hou

*Kunugia omeiensis* 1964 with Liu

*Kunugia xichangensis* 1964 with Liu

*Kunugia xishuangensis* 1983 with Hou

*Kunugia youngdensis* 1983 with Hou

*Metanastria terminalia* 1980 with Hou

*Pachypasoides bimaculata* 1980 with Hou

*Pachypasoides kwangtungensis* 1980 with Hou

*Pachypasoides omeiensis* 1980 with Hou

## Orthoptera

### Species

*Acantholobulus bispinosus* 1933

*Leptacris liyang* 1929

*Oxya agavisa* 1931

*Oxya rammei* 1931

*Podisma viridifemorata* 1929

*Rammeacris kiangsu* 1929

# Pannuri Rama Rao

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Pannuri Rama Rao, Indian mycologist (fl.1960-1990)

## DESCRIBED FUNGI SPECIES

*Annellophorella zizyphi* 1971 with Manoharachary

*Beltraniella humicola* 1962

*Camarosporium microsporum* 1964 with Rao

*Chaetomella terricola* 1963

*Chaetomium amberpetense* 1964 with Reddy

*Chaetomium elongatum* 1964 with Reddy

*Chaetomium osmaniae* 1964 with Reddy

*Coniochaeta boothii* 1973 with Manoharachary

*Graphium terricola* 1975 with Manoharachary, Raghuveer Rao & Rehaua

*Masoniella indica* 1960 with Salam

*Myrothecium indicum* 1963

*Nectria humicola* 1969

*Prathigada bauhiniae* 1975 with Raghuveer Rao & Manoharachary

*Pseudocercospora websteri* 1982 with Raghuveer Rao & Manoharachary

*Robillarda saxenae* 1974 with Manoharachary

*Stemphylionna terricola* 1972 with Manoharachary

*Subbaromyces aquatica* 1974 with Manoharachary

*Xenosporium shoranoorensense* 1973 with Rao

*Zebrias cochinensis* 1967

## HONORS

*Ramaraomyces* N.K. Rao, Manoharachary & Goos 1989 (Fungi)

# Paris Pismis

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Marie Paris Pismis de Recillas, Turkish-born Mexican astronomer (Ortaköy Village, Besiktas District, Istanbul 30 January 1911 – Ciudad de Mexico 01 August 1999)

Nee Mari Sukiasyan of Armenian descent

Authored over 120 papers

Gained international recognition for her studies on ionized nebulae kinematics

Carried out some of the first photometric observations of young stellar clusters

Discovered the reason for the waves of spiral galaxies rotation curves based on different stellar populations (1960s)

Explained the structure of spiral galaxies

Demonstrated that period–luminosity relationship of RR Lyra variable stars in M3 was distinct from Cepheids stars (1940s)

Suggested the existence of Mildly Active Galactic Nuclei

Discovered 3 globular clusters and 23 open clusters

Proposed an unified theory of central nuclear activity in galaxies

# Parodi family

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Armando Santiago Parodi Trabucco, Argentine microbiologist and parasitologist (Haedo, Buenos Aires Province 06 May 1909 – 23 June 1969)

Isolated the Junín virus, causative agent of hemorrhagic Argentine fever

With D.J. Greenway, H.R. Rugiero, M. Frigerio, J.M. de la Barrera, N. Nettler, F. Garzón, M. Boxaca, L.B. Guerrero & N.R. Nota. Sobre la etiología del brote epidémico de Junin. El Día Medico 30:2000-10, 1958

Studied the characteristics of Junín virus

With C.E. Coto, M. Boxaca, S. Lajmanovich & S. Gonzalez. Characteristics of Junin virus. Arch. fur d. Ges. Virusforsch. 19(4):393-402, 1966

With M. Weissenbacher demonstrated that immune serum prevents death by Junín virus

Developed an attenuated strain of Junín virus

Isolated other causative agents

Aislamiento del agente causal de un síndrome de encefalo-papilitis. Rev. Soc. Arg. Biol. 30:53, 1954

With N.E. Mettler & C.A. Gianantonio. Aislamiento del agente causal del síndrome uremico-hemolítico. Medicina 23:139, 1963

Performed works on immunity in Chagas disease

## HONORS

Medicine & Physiology Nobel prize nominee

His son, Armando José Antonio Parodi Lallame, biochemist (Buenos Aires 16 March 1942 –

Showed that the dolichol P-dependent pathway of protein N-glycosylation was present in mammalian and yeast (1975-8)

First description of the role of dolichol derivatives in the initial stages of protein N-glycosylation

Unravellled a basic metabolic pathway leading to the formation of glycoproteins and polysaccharides in mammals, plants fungi and protozoa (1981-3)

Showed that in members of the Trypanosomatidae family the pathway of N-linked oligosaccharide processing of protein is similar found that found in other eukaryotic cells

With L.A. Quesada Allué & J.J. Cazzulo. Pathway of the protein glycosilation in the trypanosomatid *Crithidia fasciculata*. Proc. Nat. Acad. Sci. 78:6021-5, 1981

Established its occurrence in the endoplasmic reticulum (1984)

Suggested the role of transient glycosylation in quality control og glycoprotein folding (2004-5)

## RELEVANT PAPERS

With O.A. Castro & F. Movsichoff. Preferential transfer of the complete glycan is determined by the oligosaccharyltransferase complex and not by the catalytic subunit. Proceed. Nat. Acad. Sciences USA 103:14756-60, 2006

With N. Keith & J.J. Caramelo. Glycoprotein tertiary and quaternary structures are monitored by the same quality control mechanism. J. Biol. Chem. 280:18138-41, 2005

With J.J. Caramelo, O.A. Castro & G. Prat-Gay. The endoplasmic reticulum glucosyltransferase recognizes nerly native glycoprotein folding internmediates. J. Biol. Chem. 279:46280-5, 2004

With J.E. Ugalde & R.A. Ugalde. De novo synthesis of bacterial glycogen: *Agrobacterium tumefaciens* glycogen synthase is involved in glucan initiation and elongation. Proceed. Nat. Acad. Sciences USA 100:10659-63, 2003

With J.J. Caramelo, O.A. Castro, L.G. Alonso & G. Prat-Gay. UDP-Glc: glycoprotein glucosyltransferase recognizes structured and solvent accessible hydrophobic patches in molten-globule like folding intermediates. Proceed. Nat. Acad. Sciences USA 100:86-91, 2003

With C. Zuber, J.Y. Fan, B. Guhl, J.H. Fessler, C. Parker & J. Roth. Immunolocalization of UDP-Glc: glucoprotein glucosyltransferase indicates involvement of pre-Golgi intermediates in protein quality control. Proceed. Nat. Acad. Sciences USA 98:10710-5, 2001

With D.C. Tessier, D. Dignard, A. Zanpun, A. Radominska-Pandya, J.J.M. Bergeron & D.Y. Thomas. Cloning and characterization of mammalian UDP-glucose Glycoprotein Glycosyltransferase and the development of a specific substrate for the enzyme. Glycobiology 10:403-12, 2000

With M. Sousa. The molecular basis for the recognition of misfolded glycoproteins by the UDP-Glc: glycoprotein Glucosyltransferase. EMBO J. 14:4196-203, 1995

With V. Alvarez & R. Couso. Characterization of the mannose 6-phosphate dependent pathway of lysosomal enzyme routing in an invertebrate. Biochem. J. 310:589-95, 1995

With S. Merello & R.O. Couso. Characterization and partial purification of a novel enzymatic activity: UDP-GlcNAc Ser-protein N-acetylglucosamine-1-phosphotransferase from the cellular slime mold *Dictyostelium discoideum*. J. Biol. Chem. 270:7281-7, 1995

With S. Merello & M.T. Xavier. Novel Rhamnosyl and Ribosyl and uncommon (xylosyl) monosaccharide residues are present in asparagine-linked oligosaccharides of the trypanosomatid *Blastocrithidia culicis*. J. Biol. Chem. 269:20294-8, 1994

With S. Trombetta & M. Bosch. Glucosylation of glycoproteins by mammalian, plant, fungal and trypanosomatid protozoa microsomal membranes. Biochemistry 28:8108-16, 1989

With G.Z. Lederkremer. 3-O methylation of mannose residues: a novel reaction in the processing of N-linked oligosaccharides occurring in *Mucor rouxii*. J. Biol. Chem. 259:12514-8, 1984

With D.H. Mendelzon & G.Z. Lederkremer. Transient glycosylation of protein-bound Man9GlcNAc2, Man8GlcNAc2 and Man7GlcNAc2 in calf thyroid cells: a possible recognition signal in the processing of glycoproteins. J. Biol. Chem. 258:8260-5, 1983

With L. Quesada Allué. Novel mannose carrier in the Trypanosomatid *Crithidia fasciculata* behaving as a short-saturated polyprenyl phosphate. Biochem. J. 212:123-8, 1983

With N.H. Behrens, L.F. Leloir & H. Carminatti. The role of polyprenyl-bound saccharides as intermediates in glycoprotein synthesis in liver. Proceed. Nat. Acad. Sciences USA 69:3268-72, 1972

With N.H. Behrens & L.F. Leloir. Glucose transfer from dolichol monophosphate glucose. The product formed with endogenous microsomal acceptor. Proceed. Nat. Acad. Sciences USA 68:2857-60, 1971

## HONOURS

International Research Scholar, Howard Hughes Medical Institute (1997-2011)

Karl Meyer Award in Glycobiology, American Society for Glycobiology (2011)

# Parodi family II

April 19, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Lorenzo Parodi, Italian-born Argentine naturalist (Genova 06 May 1857 – Lanús, Buenos Aires Province 15 January 1932)  
Performed collections and discoveries of fossil vertebrates and archaeological pieces  
His son, Rodolfo Parodi Bustos, Argentine paleontologist (Necochea, Buenos Aires Province 13 September 1903 – San Salvador de Jujuy 14 November 2004)

## DESCRIBED FOSSIL MAMMALIA SPECIES

*Lestodon malacarensis* 1952 with Parodi  
*Megatherium arnodin-chibraci* 1977  
*Plohophorus sirollii* 1975

## SOME BIBLIOGRAPHY

Mas sobre la clasificación de los mastodontes argentinos. Rev. Mus. Arg. Cien. Nat. Bernardino Rivadavia 4(2):9-15, 1987  
Paleoantropología argentina. El origen del hombre americano a luz de los descubrimientos efectuados desde principios del siglo (1978)  
Notas sobre milodontinos sudamericanos. Revindicación del subgenero *Pseudolestodon* F. Amegh y H. Gerv. Ameghiniana 11(1):88-93, 1974  
Los anuros cretácicos de Puente Morales (Salta) y sus vinculaciones com *Shelania pasquali* Casamiquela (Chubut) y *E. reuningi* Haughton de Africa de Sur. Rev. Fac. Cien. Salta 1(3):81-5, 1962  
Los mastodontes sudamericanos y su clasificación. Cuad. Fac. Cien. Natur. Univ. Nac. Tucumán 2 (1962)  
With J.L.Kraglievich. A proposito de los anuros cretácicos descubiertos em la provincia de Salta. Rev. Fac. Cien. Salta 1(2):37-40, 1960  
With M. Figueroa Caprini, J.L. Kraglievich & G. del Corso. Noticia preliminar acerca del yacimiento de anuros extinguidos de Puente Morales (Depto Guachipas, Prov. Salta). Rev. Fac. Cien. Nat. Salta 1:13-25, 1960  
With L. J. Parodi. Apuntes para la geología de la costa atlantica de la provincia de Buenos Aires, con descripción de la formación de Malacara. Anales Soc. Cient. Arg. 153(4):139-56, 1952  
La presencia del genero *Paleolama* em los tumulos indigenas de Santiago del Estero. Anal. Soc. Cient. Arg. (1947)  
Acerca de la filogenia de los milodontes. Rev. Univ.Nac. Cordoba 33:1-9, 1946  
Los milodontinos del genero *Glossotherium*. Rev. Fac. Cien. Exac. Fis. Natur. 1-2:227-37, 1942  
Contribución a la osteología de los grandes felinos vivientes de la Argentina. Physis 10:74-84, 1930  
His brother, Lorenzo Julio Parodi Bustos, Argentine paleontologist (Tres Arroyos, Buenos Aires Province 13 November 1890 – 1969)

## DESCRIBED FOSSIL MAMMALIA SPECIES

*Lestodon malacarensis* 1952 with Parodi  
*Neocavia depressidens* 1948 with Kraglievich  
*Theosodon pozzii* 1931 with Kraglievich

## SOME BIBLIOGRAPHY

With R. Parodi Bustos. Apuntes para la geología de la costa atlantica de la provincia de Buenos Aires, con descripción de la formación de Malacara. Anales Soc. Cient. Arg. 153(4):139-56, 1952  
La vegetación de San Martín en Corrientes (Argentina). Darwiniana 6:127-8, 1943  
Huesos de los miembros de los macroquenidos neoterciarios. Physis 10:294-304, 1931  
Un hallazgo paleontológico en Chañar (Departamento Belgrano, La Rioja). Riel y Fomento 9(102):56-7, 1930  
Sobre nuevos restos de mamíferos de la fauna pampeana en Patagonia. Physis 10:21-34,1930  
With L. Kraglievich. Morfología normal y variación de los molares del carpincho (*Hydrochoerus hydrochoeris*). Physis 9:454-5, 1929

## HONORS

*Parodimys* Kraglievich 1940 (Fossil Mammalia)



# Pascual Palazzo

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pascual Palazzo Milano, Argentine civil engineer (Rio Cuarto, Cordoba Province 27 November 1890 – 09 May 1980)

Introduced the concept of guiding velocity

Introduced the concept and designed the first parkway in the world (1936)

Created the double loop system for gaining entrance of the bridges

Created the C curves of constant centrifugal coefficient between two routes of distinct velocities

Established criteria for computation and design of roads and streets

# Pasumamula Narayan Rao

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pasumamula Narayan Rao, Indian helminthologist (Hyderabad 09 August 1927 –

## DESCRIBED NEMATODA GENERA

*Corydiella* 1965 with Rao

*Psilocephala* 1958

*Pteronemella* 1958

*Singhiella* 1958

*Spininematoides* 1985 with Anand

*Travassossinema* 1958

## HONORS

*Raonema* Kloss 1966 (Nematoda)

# Patcha Ramachandra Rao

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Patcha Ramachandra Rao, Indian metallurgist (Kavutavaram, Andhra Pradesh 21 March 1942 – Madurai, Coimbatore 10 January 2010)

Expert on physical metallurgy and materials science

Authored over 230 research papers

## ACHIEVEMENTS

Discovered novel intermetallic phases and phases with 5-fold rotational symmetry

Discovered a new class of quasicrystals in magnesium alloys

Proposed a standard expression of free energy of the undercooled liquid for thermodynamic treatment of under cooled liquids

Successfully synthesized calcium carmonate, calcium hydroxyl apatite and some nanocrystals through biomimetics

Developed a number of innovative techniques for the preparation, characterization and modeling of metastable products including the first ever predesigned quasicrystalline alloy

With G.V.S. Sastry blazed a new path in the synthesis of quasicrystals

Held 20 patents

## PATENTS (incomplete list)

With A. Agrawal, I. Chatteraj & G.V. Kumar Puvvada. Process for recover of gallium (2002)

With S. Das, V. Rao, A. Sinha, J. Chakraborty & S.K. Das. Process for the preparation of nanosized iron oxide by biomimetic route (2002)

With A. Agarwal, S. Nayar, A. Sinha & V. Rao. A process for the preparation of nanosized hydroxyapatite (2002)

With S. Das, S.K. Mishra & R.P. Goel. Process for the production of zirconium boride powder (1997)

With D.K. Biswas, K.K. Mishra, B.K. Mitra, S.D. Singh & K.K. Singh. A composition for the preparation of refractory useful for oil/gas based melting furnaces (1997)

With V. Rao & A. Sinha. Process for the production of neodymium-iron-boron-permanent magnet alloy powder (1994)

# Patrick Henry Brabazon Talbot

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Patrick Henry Brabazon Talbot, South African / Australian mycologist (Pietermaritzburg 18 April 1919 – Adelaide 1979)

## DESCRIBED FUNGI TAXA

### Valid Genera

*Muciturbo* 1989

*Oncobasidium* 1971 with Keane

*Phialomyces* 1964 with Misra

*Waitea* 1962 with Warcup

### Species

*Acia conferta* 1951

*Aecidium hellotropiola* 1948

*Asterostromella rumpiana* 1948

*Calypotella capensis* 1961 with Cooke

*Ceratobasidium angustisporum* 1980 with Warcup

*Ceratobasidium globisporum* 1980 with Warcup

*Ceratobasidium papillatum* 1980 with Warcup

*Ceratobasidium sphaerosum* 1971 with Warcup

*Coniophora fodinarum* 1951

*Coniophora incrustata* 1958

*Coniophora papillosa* 1948

*Corticium botryohypochnoideum* 1962 with Warcup

*Corticium gloeosporum* 1948

*Corticium luteocystidiatum* 1948

*Corticium moniliforme* 1958

*Corticium tumulosum* 1948

*Cristella bispora* 1962 with Warcup

*Cristella gloeospora* 1965 with Warcup

*Cyphella applanata* 1956

*Dendrothele duthieae* 1956

*Grammothele pseudomappa* 1951

*Grandinia bicolor* 1948

*Helicoma interveniens* 1956

*Helicosporium ramosum* 1956

*Heterochaete byliana* 1958

*Heterochaete grandispora* 1958

*Hymenochaete fasciculata* 1948

*Hymenochaete ochromarginata* 1948

*Hyphoderma rubropunctatum* 1965 with Warcup

*Hyphodontia nudiseta* 1963 with Warcup

*Marasmius phalaricola* 1962 with Warcup

*Muciturbo reticulatus* 1989

*Muciturbo truncatus* 1989

*Muciturbo verrucosus* 1989

*Oncobasidium theobromae* 1971 with Keane

*Pellicularia fodinarum* 1958 with Green

*Phanerochaete arenata* 1948

*Phanerochaete pelliculosa* 1951

*Phialomyces macrosporus* 1964 with Misra

*Platyglœa opalina* 1958

*Sistotrema hypogaeum* 1962 with Warcup

*Tetracrium amphibium* 1966 with Price

*Thalassomyces californiensis* 1966 with Warcup

*Thanatephorus orchidicola* 1966 with Warcup

*Thecaphora bulbinellae* 1958

*Tilletia ehrhartae* 1958

*Tulasnella asymmetrica* 1967 with Warcup

*Tulasnella cruciata* 1971 with Warcup

*Tulasnella irregularis* 1980 with Warcup

*Waitea circinata* 1962 with Warcup

*Xenospora rosea* 1956

*Ypsilondium anomalum* 1980

## HONORS

*Talbotiomyces* Vanky, Bauer & Begeron 2007 (Fungi)

# Paul Andries Van der Byl

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Paul Andries Van der Byl (Bijl), South African mycologist and plant pathologist (Natvellei, Stellenbosch, Western Cape Province 25 May 1888 – Stellenbosch, Western Cape Province 25 July 1939)

Authored some 60 publications

Described at least 64 new fungal species specially plant parasitic fungi

On a fungus, *Ovulariopsis papayae* n.sp. – which causes powdery mildew on the leaves of the pawpaw plant (*Carica papaya* Linn.). Trans. Roy. Soc. South Africa 9:187-9, 1921

A fungus, *Gibellula haygarthis*, spec. nov., on a spider of the family Lycosidae. Trans. Royal Soc. South Africa 10:149-50, 1922

## HONORS

*Vanderbylia* Reid 1973 (Fungi)

# Paulino Recch

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Paulino Moser Recch, Brazilian amateur entomologist and botanist (Amparo, São Paulo State 26 November 1886 – 1970)

From Tirolese descent

Studied hybridization and genetic amelioration of orchids and grapevines

Honored in genus *Recchia* Lane 1966 (Coleoptera)

# Paulo Augusto Silva Veloso

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Paulo Augusto Silva Veloso, Brazilian computer scientist and logician (Porto Alegre 18 April 1944 –

With S.R. M. Veloso, P. Viana, R. Freitas, M. Benevides & C. Delgado introduced modal logical systems for the precise treatment of assertions involving some versions of vague notions (2010)

With A.E.M. Carlini, M.A. Casanova & A.L. Furtado introduced a formalism to specify interactive storytelling genres in the context of digital entertainment (2010)

With R. Freitas, S.R.M. Veloso & P. Viana gave a formal presentation of a logical system for graph relational calculus and proved that graph relational language has the same expressive power as a first-order positive fragment (2009)

With S.R.M. Veloso & L.B. Vana introduced deductive systems for logics of generally (2008)

With S.R.M. Veloso introduced a stepwise approach for computing symbolic diagrams (2008)

With S.R.M. Veloso introduced the idea of functional interpretation for generally logics (2004)

With S.R.M. Veloso showed ultrafilter logic can be faithfully embedded into coherent functions (2004) and compatible predicates (2005)

With R. Freitas, J.P. Viana, M.R.F. Benevides & S.R.M. Veloso showed that the class of fork squares has a complete orthodox axiomatization in fork arrow logic (2003)

With T.S.E. Maibaum & M.R. Sadler proved the basic results for abstract data types (2005)

With S.R.M. Veloso introduced the ideas of special functions in logics for generally (2002)

Established that ultrafilter logic has more expressive power than classical first-order logic (2000)

Showed that every fork algebra of relations can be represented by a Cartesian one (1997)

Established the independence of the fork axioms (1997)

Showed that finite fork algebras are essentially Boolean algebras (1996)

Gave a new, simpler proof of the modularization theorem for logical specifications (1993)

With R.C.B. Martins, C.J. P. Lucena & D.D. Cowan presented a new programming method, the data transform programming method (1984)

With A.M. Sette & W.A. Carnielli introduced new formal perspectives to the question of default reasoning based on the notion of ultrafilters



# Paulo da Cunha Nóbrega

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Paulo da Cunha Nóbrega, Brazilian veterinarian (Amparo, São Paulo State 04 August 1907 – Campinas, São Paulo State 23 January 1974)

Authored 64 scientific works

With J. Reis proposed inoculation in pigeons as way for diagnosis of avian cholera in Arq. Inst. Biol. 8:183, 1937

With J. Reis described a new technique for chicken embryo egg based vaccine preparation for avian spirochaetosis in Arq. Inst. Biol. S. Paulo 12:87, 1941

Described *Eimeria rhynchoti* 1936 (Protozoa Apicomplexa) with J. Reis and *Bacterium arthropyogenes* that cause arthritis in fowls (1940)

With couple J. Reis & A.S. Reis authored Tratado de Ornitopatologia (Treatise of Ornithopathology) translated to many languages (1936). This book was regarded as complete and used (in Portuguese) at Rutgers University

## SOME BIBLIOGRAPHY

(complete bibliography is available in O Biológico 40(3):87-9, 1974)

With O. Bier. Sur La prétendue adsorption du Bactériophage par les leucocytes.

With J. Reis. Sobre as lesões produzidas pela *Capillaria perforans* Kotlan & Orosz nas aves domésticas. Arq. Inst. Biol. 9:21-4, 1938

With J. Reis. Vacinação contra a cólera aviária com amostra viva (tipo azul) de *Pasteurella avicida*. Arq. Inst. Biol. 9:77-84, 1938

With D.M. Cardoso & J. Reis. Action de La sulfanilamide dans l'infection expérimentale par La *Pasteurella avicida*. C.R. Soc.Biol. 131:309, 1939

A artrite na galinha produzido por *Bacterium arthropyogenes*. Arq. Inst. Biol. 11:323, 1940

With J. Reis. Identidade dos toxoplasmas de aves e de mamíferos. Arq. Biol. S. Paulo 13:21-8, 1942

With R.C. Bueno. Ação da penicilina na espiroquetose aviária. Arq. Inst. Biol. 16:15-17, 1945

With E. Biocca. Sobre a quimioterapia da toxoplasmose. Arq. Inst. Biol. 16:83-7, 1945

On the treatment of avian spirochaetosis with penicillin. Vet. Bull. 17:183, 1945

With J. Reis. O diagnóstico da espiroquetose aviária em animais mortos (1947)

With A.S. Reis. Preparação de vacina contra a varíola aviária com vírus de pombo purificado pela penicilina e cultivado na cório-alantóide de embrião de pinto. Arq. Inst. Biol. 19:23, 1949

With R.C. Bueno. Influência da temperatura na conservação da viabilidade e virulência da *Pasteurella avicida*. Bol. Soc. Paul. Med. Vet. 4:189, 1950

With A. Busacca & E. Trapp. Considerations sur 23 cas de chorioretinite chez des sujets adultes porteurs d'anticorps toxoplasmiques. Bull. Mem. Soc. Franc. Ophthalm. 63:306-13, 1950

Toxoplasmose: generalidades e metodos de diagnostico. Rev. Paul. Med. 87:444, 1950

With E.P. Trapp & M. Giovannoni. Toxoplasmose epizootica em coelhos I. Ação da sulfodiazina. Cien Cult. 4:134-5, 1952

With M. Giovannoni & M. J. de Mello. Ensaio de transmissão de toxoplasmose por insetos hematófagos. Arq. Inst. Biol. 21(1): 1-4, 1952

With M. Giovannoni. Sobre ação da terramicina na toxoplasmose experimental. Arq. Biol. São Paulo 21:5-12, 1952

With M. Giovannoni. Estudos sobre a vacina contra a bouba aviária. Rev. Fac. Med. Vet. S. Paulo 5:2, 1954

With E.P. Trapp & M. Giovannoni. Spontaneous toxoplasmosis in fowls. Arq. Inst. Biol. S. Paulo 22:43-9, 1955

# Paulo Emilio Vanzolini

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

Paulo Emilio Vanzolini, Brazilian herpetologist (São Paulo 25 April 1924 – São Paulo 28 April 2013)

## DESCRIBED VALID REPTILIA TAXA

### Family

Rhineuridae 1951

### Genera

*Cercolophia* 1992

*Garthia* 1965 with Donoso Barros

*Jepsibaena* 1951 (Fossil)

*Loveridgea* 1951

### Species

*Amerotyphlops brongersmianus* 1972

*Amphisbaena amazonica* 1951

*Amphisbaena anaemariae* 1997

*Amphisbaena arenaria* 1991

*Amphisbaena bassleri* 1951

*Amphisbaena bedai* 1991

*Amphisbaena crisae* 1997

*Amphisbaena frontalis* 1991

*Amphisbaena hastata* 1991

*Amphisbaena hogei* 1950

*Amphisbaena ignatiana* 1991

*Amphisbaena kraoh* 1971

*Amphisbaena lumbricalis* 1996

*Amphisbaena miringoera* 1971

*Amphisbaena sanctaritae* 1994

*Amphisbaena talisiae* 1995

*Amphisbaena tragorhectes* 1971

*Amphisbaena wiedi* 1951

*Anolis braziliensis* 1970 with Williams

*Bachia scolecoides* 1961

*Cercolophia bahiana* 1964

*Coleodactylus septentrionalis* 1980

*Colobodactylus dalcyanus* 1977 with Ramos

*Epictia borapeliotes* 1966

*Gymnodactylus guttulatus* 1982

*Gymnophthalmus leucomystax* 1991 with Carvalho

*Hemidactylus agrius* 1978

*Lepidoblepharis heyeorum* 1978

*Liotyphlops schubarti* 1948

*Ogmophis pauperrimus* 1952 (Fossil)

*Panopa carvalhoi* 1948 with Rebouças-Spieker

*Peltosaurus floridanus* 1952 (Fossil)

*Trachemys adiutrix* 1995

### Subspecies

*Amphisbaena fuliginosa wiedi* 1951

*Anolis nitens brasiliensis* 1970 with Williams

*Pseudogonatodes guianensis amazonicus* 1967

**HONORS**

- Vanzosaura* Rodrigues 1991 (Reptilia)
- Vanzolegulus* Hoffman 2002 (Diplopoda)
- Vanzoliniella* Mello & Reis 1994 (Orthoptera)

# Paulo Nogueira Neto

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Paulo Nogueira Neto, Brazilian entomologist and ecologist (São Paulo 18 April 1922 – São Paulo 25 February 2019)

He was member of Brundtland Commission 1987 responsible for sustainable development definition

## DEVELOPED

A rational beehive for Brazilian bees know as Paulo Nogueira Neto (PNN) rational box (1948, improved in 1956, 1970 and 1997)

A beehive for general use of Brazilian bees (1963)

A beehive for Meliponine bees

## HONORS

Paul Getty Wildlife Conservation Prize (1981) with Maria Thereza Jorge Pádua

Golden Ark (1983)

Subgenus *Nogueirapis* Moure 1953 (Hymenoptera)

# Paulo Ribenboim

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Paulo Ribenboim, Brazilian-born Canadian mathematician (Recife 13 March 1928–

Authored nearly 120 works

## INTRODUCED

The notion of the rings of generalized power series

The notion of the  $P$ -torsion subgroup of a group

Several types of realization of groups

A general fixed-point theorem for multivalued mappings defined on generalized ultrametric spaces (with S. Priess-Crampe)

## EPONYMY

Ribenboim approximation theorem

Ribenboim fixed-point theorem

Krull-Ribenboim approximation

Ribenboim functions

Ribenboim generalized formal power series

# Paulo Sawaya

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Paulo Sawaya, Brazilian comparative physiologist and marine zoologist (Carmo do Rio Claro, Minas Gerais State 11 September 1903 – São Paulo 29 October 1995)

Son of Lebanese immigrants

Authored over 300 publications

Described muscle anomalies

With O.M. de Sousa. Duas anomalias musculares: M. condroepitocleano e m. acessório da cavidade orbitária. Rev. Med. 39:37-48, 1926

## DESCRIBED ANIMAL TAXA

*Thyone naideae* 1955 with Ancona Lopez (Echinodermata)

*Siphonops annulatus marmoratus* & *Siphonops paulensis maculatus* 1937 (Amphibia)

*Balanoglossus eufrosinoi* 1953 with Forneris

*Balanoglossus nonatoi* 1953 with Forneris

*Balanoglossus catharinensis* 1953 with Forneris

*Pleurobranchus gigas* 1972 with Gempel (Mollusca)

## Researches about comparative physiology, biochemistry and morphology

Performed studies with pharmacological approach in animal physiology

Demonstrated a cardiotoxic protein compound (siphonopsin) from nasal mucosa of *Siphonops*

Sobre o veneno das glândulas cutâneas, a secreção e o coração de *Siphonops annulatus*. Bol. Fac. Cien.Letras Univ. S. Paulo 4:207-70, 1940

On a bioassay for acetylcholine and on some properties of the longitudinal muscles of *Holothuria grisea* (Echinodermata). Bol. Fac. Filos. Cien. Letras U. São Paulo (ser. Zool.) 24(24), 1962

With G.A. Edwards and the couple Souza Santos found that muscles from different regions of the insect present differences in fibrillar structure and that the insect fibril differs considerably from that of vertebrate (1953)

Described a technique of induced aestivation

With N. Shinomyia. Biologia da Tambaki-m'boya, *Lepidosiren paradoxa* (Fitz, 1836). Bol. Zool. Biol. Mar. NS 29:1-44, 1972

With R.Y. Tsukamoto, N.S. Takahashi & F. Takashima. A modified silver impregnation procedure for ploidy assessment in fish (1987)

An incretory organ in the head of *Ligia exotica* Roux (Crustacea Isopoda). Proc. 8<sup>th</sup> Amer. Sci. Congr. 3:487-90, 1942

Discovered a new organ in *Plecostomus* sp.

Sobre um órgão novo do peixe cascudo (*Plecostomus*) e sua provável função. Ci. Cult 12(2):87, 1960 & 13, 1961

Discovered a new function of uro-pituitary in teleostean fishes

With O.F. Martins. Uma nova função da urohipófise de peixes teleósteos. C. Cult. 19, 1967

Proposed *Ogcocephalus vespertilio* as lab animal for studies of breathing physiology

With M. Grempel. O peixe morcego (*Ogcocephalus vespertilio*), material adequado para estudos de fisiologia da respiração (1978)

## SOME BIBLIOGRAPHY

With O. Machado de Sousa. Capillares sanguíneos intraepitheliaes na mucosa da urethra humana. Bol. Soc. Med. Cir. S. Paulo 11(6-7), 1928

Anotações craneológicas. I. Participação do vômer à constituição do paladar duro em um *Cebus macrocephalus* Spix. Ann. Fac. Med. S. Paulo 10(2), 1934

Sobre a mudança de cor nos crustáceos. Bol. Fac. Filos. Cien. Letras Univ. S. Paulo 13:1-109, 1939

The tail of a fish larva as a respiratory organ. Nature 149:169-70, 1942

Metabolismo respiratório de anfíbio Gymnophiona, *Typhlonectes compressicauda* (Dum. et Bibr.). Bol. Fac. Filos. Cien. Let. Univ. São Paulo, 1947

Contribuição para a fisiologia do aparelho de apreensão dos alimentos e da glândula do intestino médio de ostracodo. Ação de substâncias colinérgicas (1949)

With N. Ambache. Use of *Holothuria grisea* for acetylcholine assays of electric organ extracts from *Narcine braziliensis* (Olfers). Physiol. Comp. Oecol. 3:53-6, 1953

With G.A. Edwards, P. de Souza Santos & H.L. de Souza Santos. Electron microscope studies of insect muscle. Flight and coxal muscle of *Hydrophilus piceus*. Ann. Ent. Soc. Amer. 47:343-54, 1954

With H.L. de Souza Santos, G.A. Edwards & P. de Souza Santos. Electron microscopy of insect tracheal structures. Anais Acad. Bras. Ciencias 26:309-15, 1954

With R.S. Pereira. Contribution a l'etude de la composition chimique du sang de certains selaciens du Bresil (1957)

With R.S. Pereira. Ions in the blood of elasmobranchs. Bol. Fac. Filos. Cien. Univ. S. Paulo Zool. 21:85-92, 1957

With B. Oliveira Filho & P. Souza Santos. A organização submicroscópica do músculo longitudinal de *Holothuria*. Cien. Cult. 11:152, 1959

With L.M. Petrini. Sobre a presença de cloaca e respiração intestinal no cascudo (Loricariidae: *Plecostomus plecostomus* (Linn.)). Bol. Fac. Filos. Cien. Letras Univ. S. Paulo Zool. 1(23): 5-20, 1960

With J. Khouri. Amíogenia do coração de moluscos (*Mytilus perna*). Cien. Cult. 15(4):279, 1963

With F.B. de Jorge, J.A. Petersen & A.S. Ditadi. Iodine accumulation by *Balanoglossus gigas*. Science 150(3700):1182-3, 1965

With F.B. de Jorge, A.S.F. Ditadi, J.A. Petersen & A.B. Ulhoa Cintra. Biochemical studies on the giant earth worm *Glossoscolex giganteus* (Leuckart). Comp. Biochem. Physiol. 16:491-6, 1965

With K. Johansen & A.W. Martin. Some circulatory characteristics of the three-toad sloth, *Bradypus tridactylus*. Anais Acad. Bras. Ciencias (1966)

With I.N. Cipolli. Ação do calico e efeito das drogas sobre o músculo liso despolarizado de moluscos opistobrânquios. Cien. Cult. (1967)

Aspectos interessantes do encéfalo de grandes peixes da família Siluridae (Jaú, pintado e Mandi) dos rios do Estado de s. Paulo. Cien. Cult. 19(2):350, 1967

With A.L.V. Favaretto, S.O. Petenusci & R.J. Lopes. Determinação do volume sanguíneo em condições aéreas de cascudo *Plecostomus regani* (Ihering, 1905). Pisces, Loricariidae. Biologica 2(1):30, 1976

With M.V. Val Sella & F. Fava de Moraes. Cell types and glycoprotein cytochemistry in the carp adenohypophysis (*Cyprinus carpio* L.). Cell. Mol. Biol. 3:225-31, 1978

With J. Boschini Jr., Ocorrência de microplacas escamóides na epiderme de *Typhlonectes compressicaudus* (Dumeril et Bibron, 1841), Amphibia Apoda (1978)

With R. Spiropulos Piccolo. Blood vascular and respiratory systems of *Synbranchus marmoratus* Bloch, 1795 (Air breathing teleost fish). Some morphological and physiological aspects. Bol. Fisiol. Animal Univ. São Paulo 5:59-73, 1981

With P. Pasquarelli & E.G. Mendes. The action of parotoid venom on the heart of the toad (*Bufo ictericus ictericus* Spix 1824) and its effects on the inhibition caused by vagal stimulation. Comp. Biochem. Physiol. 87(2):393-9, 1987

Sobre a histofisiologia dos órgãos excretórios de alguns insectos

## HONORS

*Sawayaela* Marcus 1939 (Protozoa: Apicomplexa)

*Paulosaway* Martínez & D'Andretta 1957 (Coleoptera)

Palmes Académiques (France)

# Paulo Seabra

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Paulo Seabra, Brazilian pharmacist (Resende, Rio de Janeiro State 03 January 1899 – Rio de Janeiro 02 June 1968)

## ACHIEVEMENTS

Modified Loele staining process (Loele-Seabra method) for detecting acid-fast bacilli

Oxidase and Lipase of the Leukocyte. Annals of New York acad. Sci. 59:1022-51, 1955.

Developed lipase index of tuberculosis

Sugestão de um cadastro lipásico para a profilaxia da tuberculose. Bol. Campanha Nac. Contra Tuberc. Junho, 1952.

Lipasekatas. Zeit. Hyg. 140:573-7, 1955.

Created Seabra lipasic reagent

Established oxidase index, a numerical expression of the leukocytic oxidase

Índice de Oxidase. Resultado de 334 determinações. Bol. Acad. Nac. Medicina 3(9):, 1939.

Worked out a photo-oxidase test

Developed a radiokymograph

Ein Röntgenkymograph. Rev. Bras. Tuberculose 6:737-47, 1937.

Contribuição para o estabelecimento de um processo para preparação do ácido nítrico

Um gotinyector

Um radioquímografo

Vaselina líquida como protetor anti-oxigênio

Obtained colloidal cupric salts from acids of chaulmoogra oil developing 2 pharmaceutical products (Karpotran and Gadusan) that were employed in worldwide hospitals

Performed important researches on biological and psychological effects of high-altitude flying

Oxidase in biology and in flying research. Med. Times, 1943.

Oxidase and aviation. Influence of atmospheric decompression on the blood oxidase and resistance to infection. Aviat. Med. 18:289-96, 1947.

Patented Anti-rheumatic mixture and method of preparing. US2790746A (1954)



# Paulus Aulus Pompeia

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Paulus Aulus Pompéia, Brazilian physicist and engineer (Sorocaba, São Paulo State 01 October 1911 – 10 February 1993)

## ACHIEVEMENTS

Discovered penetrating showers in cosmic rays with Wataghin and Santos

With G. Wataghin & M.D. S. Santos. Simultaneous penetrating particles in the cosmic radiation I. Physical Review 57:61, 1940.

With G. Wataghin & M.D. S. Santos. Simultaneous penetrating particles in the cosmic radiation. II. Physical review 57:339, 1940.

Proposed criteria for distribution problems related to statistical physics

Distribution problems related to statistical physics. An. Acad. Bras. Cien. 27(2):123-36, 1955

Introduced new criteria of randomness

With A. de Moraes. Time distribution analysis related to Statistical Physics. Anais da Acad. Bras. Ciencias 33:13-23, 1961.

Developed with Souza Santos a new kind of ultrasonic sonar for detecting submarines employing pre-oriented ferromagnetic crystals

With Souza Santos developed a special thermostat that works on the gasoline dilation for controlling the temperature of cooling crystals

With Souza Santos developed portable radios for jeeps and military trucks

Developed a pulse transmission system in high-resolution coincidence circuits

With N. Hilbery. A cathode following amplifier for pulse transmission in high resolving time coincidence circuits. Symposium on Cosmic Rays, Acad. Bras. Ciencias, 157-9, 1943.

Constructed a counter outfit to measure the lifetime of the mesotron

With E. O. Wollan. An electrical timing circuit to control a cloud chamber. Symposium on Cosmic Rays, Acad. Bras. Ciencias, 161-2, 1943.

Developed an efficient method for determining initial velocity of projectiles and a device suited to this purpose (with an accuracy of 0,4%)

# Pavlovsky family

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Alejandro Jacobo Pavlovsky Leguizamón, Argentine surgeon (Paraná 18 August 1896 – 28 July 1976)

From Jewish Russian descent of paternal side

Authored over 400 works with 6 books

Published the first cases of free skin grafting with Padgett's dermatome

With Mario M. Harris. Injerto libre de piel. Bol. Acad. Argent. Cir. 27:816, 1943

## TECHNIQUES / DEVICES

Criteria for resection in subtotal and total gastrectomy. Prensa Med. Argent. 42(26):1925-8, 1955

Forceps for porto-caval anastomosis in coarctation of the aorta. Bol. Trab. Acad. Arg. Cir. 35(26):740-1, 1951

With J. Schavelzon. New material for plumbing in pulmonary tuberculosis. Prensa Med. Argent. 36(26):1211-6, 1949

Tecnica operatoria para el tratamiento de las fistulas vesicovaginales consecutivas a hysterectomias totales (1943)

Prolapso genital. Operación de Bouilly: modificación a la tecnica. La Sem. Medica 38(12):744, 1931

Tecnica personal para la toracoplastia superior y apicolisis extrafacial sin sección muscular. Bol. Inst. Clín. Quir. 14:1183, 19??

His brother, Alfredo Pavlovsky Leguizamón, haematologist (Buenos Aires 24 November 1907 – Buenos Aires 26 April 1984)

His doctoral thesis (under supervision of Nobel Prize winner Bernardo A. Houssay) gained international repercussion and appeared as a chapter of book The Hematopathies of Adolfo Ferrata (1935)

Described a technique of ganglionic puncture

La punción ganglionar. Su contribución al diagnóstico clínico quirúrgico de las afecciones ganglionares. Doctoral Thesis (1934)

First to describe B haemophilia and distinguished it from A haemophilia

With M.R. Castex & C. Simonetti. Contribución al estudio de la fisiopatogenia de la hemofilia. Medicina 5:16, 1944

## OTHER CONTRIBUTIONS / BIBLIOGRAPHY

With S. Brieux de Salum, S. Pavlovsky, A.E. Bachmann, I. Larripa & A. Caltabiano. A new surface adherent cell line derived from a suspension culture of human lymphoblastoid cells. Medicina 35(2):149-53, 1975

With C. Simonetti & G. Casillas. Studies on the adsorption of factor VIII: application to the purification of bovine factor VIII (1972)

With L. Kravetz de Srulijes, E.A. Holmberg & S.L. Rabasa. Nucleic acids of malignant and benign splenic hyperplasias in mice. Nature 209 (5027):1038-9, 1966

With C. Simonetti & G. Casillas. Purification of antihemophilic factor VIII (AHF). Hemostase 1:57-61, 1961

With A. Martínez Canaveri, N. Quirno & F. Etchegoyen. Pseudohemophilia produced by an anticoagulant: antithromboplastinogenic type. Prensa Med. Arg. 43(2):166-80, 1956

Contribution to the pathogenesis of hemophilia. Blood 2:185-91, 1947

## TRIVIA

Founder, International Society of Hematology (1946)

He was a rugby player

His son, Miguel Pavlovsky Coelho, hematologist (Buenos Aires 02 October 1941 –

With María A. Lazzari developed a technique for measuring the function of platelets (1962)

With S. Moreno. Agregación plaquetaria: tecnica para su estudio. Medicina 28 Suppl 1:49-60, 1968

# Peckolt

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Theodor Peckolt, German-born Brazilian pharmacist and plant chemist (Pechen, Niederlausitz, Silesia 13 July 1822 – Rio de Janeiro 21 September 1912)

Published nearly 170 publications between books and papers

Performed chemical analysis of 285 plant species (for example Amazon guarana)

Described 2 plant species: *Trophis brasiliensis* 1883 (Moraceae) and *Momordica papillosa* 1862 (Cucurbitaceae)

Performed the first analysis on chaulmoogra oil in the world (1866) before John Moss did it in India (1879)

Introduced the sapucainha oil (*Carpotroche brasiliensis*) for treatment of a number of skin affections (1860s)

The first to perform analysis on honey from *Melipona* genus bees

## ISOLATED

Agoniadin (today plumerid), a glycosid from *Plumeria lancifolia*, the first iridoid to be isolated in pure form (1870)

Doliarin, from *Ficus doliaria* and described its properties

Brunfelsin, from *Brunfelsia uniflora*

Anchietin (alkaloid), from *Anchietea salutaris*

Andirin, from *Andira* sp.

Carobin (alkaloid), from *Jacaranda brasiliensis*

Carobic acid and caroba resin from *Jacaranda puberula*

Erythremite, from *Croton lechieri*

Pocentin, from *Euphorbia pulcherrima*

Tagetin (cetone), from *Tagetes erecta*

Timboin (alkaloid), from *Serjania fuscifolia*

Urucuin, from *Bixa orellana*

Becuibic acid, from *Myristica bicuhyba*

Apolaustic acid, from coffee plant

Tannic acids from many plant species

Resin and resinous acid from *Tillandsia usneoides*

And other compounds obtained from plant origin

## HONORS

Knight of Swedish Order Polar Star (1869)

Gold Medal for his collection of natural products in class of chemical substances and pharmaceutical processes, Universal Exposition of London (1862)

Gold and Bronze Medals, Universal Exposition of Paris

## LINKS

<http://www.dichistoriasaude.coc.fiocruz.br/iah/P/verbetes/peckteo.htm> (in Portuguese; with bibliography)

His son, Gustavo Sauerbronn Peckolt, pharmacist and plant chemist (Cantagalo, Rio de Janeiro State 02 June 1861 – Rio de Janeiro 13 October 1923)

Authored over 200 publications

With T. Peckolt & A.L.F. Ramos patented the application of Jatai resin (1888)

## AUTHORED

Novos alcalóides e princípios orgânicos obtidos de plantas da flora brasileira (1884)

With J.M. de Souza Marçal. Método sistemático para análise mineral qualitativa (1886)

Metodo prático para análise dos vegetais (1887)

Alkaloids and chemical products from Brazilian flora

## HONORS

Honor Diploma from International Exposition of Wien (1883)

Genus *Peckoltia* Miranda Ribeiro 1912 (Fishes)

# Pedrito Silva

June 30, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Pedrito Silva, Brazilian agricultural entomologist (Salvador 1917 – Salvador December 1990)

Recognized as a world expert on cacao entomology

## SOME BIBLIOGRAPHY

Cacau e lagartão ou vassoura de bruxa. Bol. Tecn. CEPLAC 146, 1987

Combate aos insetos do cacau armazenado na Bahia. Cacau Atualidades 11(3):8-12, 1974

Informações e parecer sobre a cigarrinha dos pastos. A Granja 219:34, 1966

Tripes do cacaueiro: causador da “queima” da folha e da “ferrugem” do fruto. CEPLAC (1964)

Tingídeos da Bahia. Bol. Inst. Biol. Bahia 3(1):10-77, 1960

Um novo ácaro nocivo ao tomateiro na Bahia (1954)

The Coccids of Cacao in Bahia, Brazil. Bull. Entomol. Research 41(1):119-20, 1950

Controle biológico da traça do cacau pelo *Microbracon hebetor* (Say). Bol. Tecn. Inst. Cacau (1947)

*Stenomoma decora* Zeller (Lep. Stenomatidae): uma nova praga potencial do cacaueiro na Bahia, Brasil (1946)

A formiga de enxerto (1945)

Insect pests of cacao in the state of Bahia (Brazil). Trop. Agric. 21(1):8-14, 1944

Novo registro e o primeiro hospedeiro de *Promasipoda pinguoides* T.T. (Diptera, Exoristidae) no Brasil. Rev. Ent. 15:153-61, 1944

Novas pragas do cacaueiro no Recôncavo da Bahia

## HONOURS

Honored in United States for his work about biological control of cacao moth (1990)

Genus *Silvanana* Metcalf 1947 (Hemiptera)

# Pedro Antonio Valdés Sosa

June 30, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Pedro Antonio Valdés Sosa, Cuban neuroscientist (Chicago 12 March 1950 –

Developed a computational theory and methodology for both EEG/MEG and MRI with contributions to multichannel EEG/MEG (1969-89)

Developed the distributed electrophysiological source imaging

## CONTRIBUTIONS

With J.J. Riera, K. Tanabe & R. Kawashima. A theoretical formulation of the electrophysiological inverse problem on the sphere. *Phys. Med. Biol.* 51(7):1737-58, 2006

With A. Galka & R. Biscay. Spatiotemporal Kalman filtering: a new approach for solving high-dimensional inverse problems (2003)

With E. Martínez Montes, N.J. Trujillo-Barreto & L. Melie Garcia. Variable resolution electromagnetic tomography: a new type of inverse solution based on Bayesian formalism. *Neuroimage* 13(6):195, 2001

With J.L. Hernandez, R. Biscay, T. Virnes, S. Szava, J. Bosch, A. Riquenes & I. Clark. A global scale factor in brain topography. *Intern. J. Neurosci.* 76(3-4):267-78, 1994

With S. Gonzalez Andino, R. Grave de Peralta, J.C. Jimenez Sobrino, R. Biscay Lirio, R. Pascual-Marqui, E. Aubert Vazquez & J. Gamez. A new solution method for the electroencephalographic direct problem in realistic geometry. *Intern. J. Neurosci.* 49:247, 1989

With R. Biscay-Lirio & J.C. Jimenez Sobrino. Numeric solutions of integral equations using parametric approximation for the surfaces. *Rev. CENIC* 19(3):197, 1988

With R.D. Pascual-Marqui & A. Alvarez Amador. A parametric model for multichannel EEG spectra. *Intern. J. Neurosci.* 40 (1-2):89-99, 1988

With L. Romero. Un metodo para docimar la multinormalidad compleja. *Control Cibern. Autom.* 3:43, 1980

## PATENTS

With M. Sablon Carranzana, C. Rodríguez Tanty, A. Pereira Pintado, S. Rivera Marrero, R. Perez Pereira, R.A. López Barroso, A.I. Prats Capote, H. Velez Castro & C.S. Perez Martinez. **New** naphthalene derivatives obtaining procedures for Alzheimer's disease in vivo diagnosis EPO (2017)

With J. Riera, J. Bosch, F. Morales, E. Aubert & T. Virués. System and method for a tomography of the primary currents of brain and heart WO99/10816 (1998)

With J. Riera, J. Bosch, F. Morales, E. Aubert & T. Virués. Mapas estadísticos tridimensionales del estado funcional cerebral mediante la tomografía electro y/o magnetica encefalografica (1997)

With R. Biscay Lirio, R. Pascual-Marqui, L. Neira, L. Galán, J.C. Jimenez & J. Bosch. Method and system for the evaluation and visual display of abnormal electromagnetic physiological activity of the brain and the heart. US005282474A (1994)

With J. Riera, J. Bosch, R. Biscay, S. Gonzalez, R. Grave de Peralta & R. Pascual. Method and system for the three dimensional tomography of activity and connectivity of brain and heart electromagnetic waves generators US5307807 (1994)

## HONOURS

Award, World Intellectual Property Organization for Creativity and Inventions (2000)

# Pedro Elías Zadunaisky

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pedro Elías Zadunaisky, Argentine astronomer and mathematician (Rosario 10 December 1917 – Buenos Aires 07 October 2009)

Authored over 40 publications such as A Guide to Celestial Mechanics

Authored A determination of the orbit of Phoebe, ninth satellite of Saturn. Astron. J. (1954), with gained international repercussion

Computed the Halley comet with accuracy

The motion of Halley's comet during the return of 1910. Astron. J. (1966)

## METHODS

Developed Zadunaisky iterated defect correction

A method for estimation of errors propagated in the numerical solution of a system of ordinary differential equations. The theory of orbits in the Solar System and in Stellar Systems. Proc. Symposium Intern. Astron. Union 25, 1964

Un metodo de interacción para la resolución de sistemas de ecuaciones lineales algebraicas. Rev. Union Mat. Arg. (1955)

With V. Pereyra. On the convergence and precision of a process of successive differential equations (1965)

With Rodolfo Rodríguez. A stable method to estimate perturbations in differential equations. Computers & Mathematics with Application (1986)

## OTHER CONTRIBUTIONS

Small perturbations on artificial satellites as an inverse problem. Trans. Aerosp. Electr. Systems IEEE 39(4):1270–6, 2003

## HONORS

Asteroid Zadunaisky 4617

# Pedro Miguel Ruiz Carranza

June 26, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Pedro Miguel Ruiz Carranza, Colombian herpetologist (Bogotá 03 February 1932 – Bogotá 12 September 1998)

## DESCRIBED AMPHIBIA TAXA

### Valid Genera

*Osornophryne* 1976 with Hernandez

*Hyalinobatrachium* 1991 with Lynch

*Atopophrynus* 1982 with Lynch

### Species

81

## HONORS

*Rulyrana* Guayasamín, Castroviejo-Fisher, Trueb, Ayarzagüena, Rada & Vila 2009 (Amphibia)

# Pedro Nava

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pedro da Silva Nava, Brazilian rheumatologist (Juiz de Fora, Minas Gerais State 05 June 1903 –Rio de Janeiro 05 March 1984)

He is most known as writer in his native country

Authored about 300 works on rheumatology and others medical subjects

Described the reactive arthritis (rheumatoid arthritis) and first to propose it as autoimmune disease in Brasil Medico (1959)

Described Still disease in adult (1955) before Bywaters (1974) Rev. Med.Municipal (1955)

Described allerge-bacterial rheumatism in Brasil Médico (12-3):222-3, 1953

With E.B. Negreiros & I. Malogolovkin. Allerge-bacterial rheumatism: preliminary note. Med.Cir. Farm. 206:235-6, 1953

Described tachycardia in lupus erythematosus (Brasil Medico 1953)

Eponym of Nava manoeuvre

## SOME BIBLIOGRAPHY

With G. Londres. Toxicoses mercuriais agudas. J. Clin. 15:251, 1934

On the possible role of sensitization by homologous tissue products in rheumatoid arthritis. Preliminary note. Bras. Med. 65:464-66, 1951

A síndrome das espinhosas cervicais. O Hospital 39, 1951

O uso do salicilato de sódio no tratamento da doença reumática. Bras. Med. Bras. Med. 66(42-3):672-5, 1952

Os reumatismos deformantes da coluna. Bras. Med. 67(3-5):59-66, 1953

Artrite reumatoide antiga. Icto cerebral. Surto evolutivo agudo nas articulações do lado hemiplégico. Bras. Med. 67:318-21, 1953

Some basic principles in therapy of rheumatic diseases. Med. Cir. Farm. 222:462-9, 1954

With H. Seda. Meticorten no tratamento da artrite reumatoide. Bras. Med. 69:295, 1955

Semiology of the focus and zones of microbe infection, aiding the study of rheumatism. Bras. Med. 69(40-4):620-4, 1955

Cutaneous manifestations of rheumatic diseases and pseudo-rheumatic diseases. Resen. Clin. Cient. 24(9):248-56, 1955

Manifestações cutâneas da artrite reumatoide. Bras. Med. 70:55, 1956

Arthropathic phenomena of infection. Bras. Med. 70(9-13):155-8, 1956

Cutaneous manifestations of rheumatism & chronic pseudo-rheumatism. Bras. Med. 70(14-17):183-4, 1956

Rheumatic symptoms of scleroderma & lupus erythematosus. Bras. Med. 70(18-21):232-4, 1956

With A. Ferreira da Costa & H. Seda. Síndromes dolorosas do ombro. Res. Clin. Cient. 25:70, 1956

Allergic Rheumatism. AIR 2:212, 1959

The treatment of gonarthria. Bras. Med. 73:29, 1959

Diffuse articular chondrocalcinosis. First cases observed in Brazil. Med. Cir. Farm. 306:203-10, 1963

Sugestões para uma sistematização dos reumatismos. Brasil Med. 77:153-78, 1963

With H. Seda. Hereditariedade e espondilartrose. Bras. Med. 78(9-10):119-25, 1964

With H. Seda, P. Penido et al. Reumatismo alerge-tuberculoso. Rev. Bras. Med. 21:619-24, 1964

With H. Seda. A ação do peso corporal nos reumatismos. O Hospital, 1966

As artrites infecciosas. Bras. Med. 85:14-15, 1971



# Pedro Nicolas Stipanivic

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pedro Nicolas Stipanivic Villa, Argentine paleobotanist and stratigrapher (Buenos Aires 06 June 1921 – Buenos Aires 02 December 2008)

Authored about 70 papers

## DESCRIBED FOSSIL SPECIES

### Plants

*Dictyophyllum barrealensis* with Menendez

*Dictyophyllum castellanosi* with Menendez

*Dictyophyllum tenuifolium* 1949 with Menendez

*Hausmannia feltisiana* with Menendez

*Saportaea intermedia* with Bonetti

### Animals

*Notobatrachus degiustoi* 1955 with Reig

*Xenocephalites herrero-duclouxii* 1966

## HONORS

*Stipanivicia* Reig 1956 (Fossil Mammalia)

# Pedro Nowosad

April 9, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pedro Nowosad, Brazilian mathematician (Porto Alegre 30 June 1934–

From Polish father and Bessarabian mother

## ACHIEVEMENTS

Introduced concept of Gerschgorin family or G-function in Anais Acad. Bras. Ciencias 37:163-5, 1965.

Introduced idea of regular boundary

Isoperimetric eigenvalue problems in algebras. Comm. Pure Appl. Math. 21: 401-65, 1968

With R. Tovar showed validity of Carleman's inequalities in reflexive Orlicz spaces

## HONORS

Honorary Full Professor, Istituto per la Ricerca di Base, Monteroduni, Italy (1995)

## EPONYMY

Nowosad-Tovar inequality

Nowosad G functions

Nowosad theorem

Nowosad lemma

# Pedro Ortiz Valdivieso

April 16, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Pedro Ortiz Valdivieso, Colombian Jesuit father and orchidologist (Floridablanca, Santander Department 31 January 1926 – Bogotá 18 July 2012)

## DESCRIBED ORCHID TAXA

### Genera

*Eloyella* 1979

*Notyliopsis* 1996

*Santanderella* 2011

### Section

*Monotrema* 2011

### Species

107

## HONORS

*Valdiviesoa* Kolanowska & Szlachetko 2015 (Orchidaceae)

# Pedro Padilla

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Pedro L. Padilla, Argentine Navy officer (1869 – 1921)

## DEVELOPMENTS/INVENTIONS

Built a phone

An automatic buoy

A defense torpedo

A Viewing table

A device for performing on-board rowing exercises

An oscillating plate for artillery drills in polygons

## LINKS

<https://www.centronaval.org.ar/boletin/BCN855/855-MARINOS-ILUSTRES.pdf> (Spanish)

# Pedro Paulet

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

Pedro Eleodoro Paulet Mostajo, Peruvian aeronautical engineer (Tiabaya, near of Arequipa 02 July 1874 – Buenos Aires 30 January 1945)

## DESIGNED

Designed and built the first liquid fuel rocket engine

A reaction engine for rocket propulsion known as Paulet engine (1897)

Girandola propulsion system for rockets (1900)

An early spaceship prototype named Avion-Torpedo (1902)

Proposed the nuclear-propelled rockets (1927) and a new thermoelectric power system for common use (1930)

## HONORS

Asteroid Paulet 4443

## LINKS

<http://www.21stcenturysciencetech.com/articles/winter01/paulet.html>

# Pedro Ruiz Gallo

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pedro Ruiz Gallo, Peruvian military (Etén, Chiclayo Province 24 June 1831 – Callao 24 April 1880)

Published a treatise about aerial navigation named Estudios Generales sobre navegación aerea y resolución de este importante problema (1878)

## INVENTIONS

A musical Box consisting string-based (1841)

Created a vaccine against small-pox (1856)

Designed a flying aircraft El Ornitoptero much similar to motorized hang-glider (1878)

In according to some sources invented a marine torpedo, a machine gun and one submarine

# Pedro Scalabrini

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pedro Scalabrini, Italian-born Argentine paleontologist and fossil collector (Como, Lombardy 21 August 1849 – Buenos Aires 24 April 1916)

## DESCRIBED FOSSIL SPECIES

*Drytomomys typicus* 1889

*Testudo paranensis* 1884

*Xenosuchus paranensis* 1887

## HONORS

*Scalabrinitherium* Ameghino 1883 (Fossil Mammalia)

# Peishan Zhang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Peishan Zhang or Pei-Shan Chang, Chinese geologist, mineralogist and geochemist (Tengxian County, Shandong Province June 1925 –

With Z.M. Yang & K.J. Tao. New varieties of Na-Ca-Ba-RE Fluorocarbonate series minerals. J. Rare Earths 12(4):289-93, 1994

## DESCRIBED MINERAL SPECIES

Bafertisite 1959 with Semenov

Huanghoite -(Ce) 1961 with Semenov

Zhonghuacerite -(Ce) 1981 with Tao & Li

Aeschynite -(Nd) 1982 with Tao

Cebaite -(Nd) 1986 with Tao

Parisite -(Nd) 1986 with Tao

A Nd-Nb-Ti silicate 1986 with Tao

Fergusonite -(Nd) 1987 with Tao

Fluorokinoshitalite & Fluorotetraferriphlogopite 2011 with Miyawaki, Shimazaki, Shigeoka, Yokoyama, Matsubara, Yurimoto & Yang

## HONORS

Zhangpeishanite Shimazaki, Miyawaki, Yokoyama, Matsubara & Yang 2008 (Mineral)



# Peisong Tang

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Peisong Tang, Chinese plant physiologist (Xishui, Hubei Province 12 November 1903 – 06 September 2001)

## ACHIEVEMENTS

Authored about 200 scientific papers

First Chinese biologist who published in famous magazines Nature and Science

Proved the existence of cytochrome oxidase in plants (1932)

First experimentally proved the existence of carbonic anhydrase in plants

First to prove the existence of inducible enzymes in plants

With H.Y. Wu. Adaptive formation of nitrate reductase in rice seedlings. Nature 179:1355-6, 1957

Proposed that there exist various interconnected respiratory metabolic pathways and electron transfers at the same plant or proposed the concept of multiple pathways in respiratory metabolism

Firstly put forward the concept of control of respiration by enzyme reactions and respiratory control of physiological activities in living and intact tissues (1950s)

With Zhu Xi Wang (J.S. Wang) enunciated the theory of cellular water potential and applied the term water potential to cellular water relations

With J. S. Wang. A thermodynamic formulation of the water relations in an isolated living cell. J. Phys. Chem. 45:443-53, 1941

Developed a respirometer vessel for study of metabolism of seeds (1932)

Papers in Nature & Science

With S.L. Chen, B.L. Cheng & W.K. Cheng. An antibiotic substance in the Chinese water chestnut *Eleocharis tuberosa*. Nature 156:234, 1945

With W.S. Loo. Polyploidy in soybean, pea, wheat and rice, induced by colchicine treatment. Science 91(2357):222, 1940

Eponym of Tang's equation

See [www.hhl.org.cn/english/showsub.asp?id=147](http://www.hhl.org.cn/english/showsub.asp?id=147) See <http://www.hhl.org.cn/english/showsub.asp?id=147>.

# Peisu Xia

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Peisu Xia, Chinese female computer engineer (Chongqing, Sichuan Province 28 July 1923 –

Solved the issue of signal transmission in large scale high-speed computers (1960s)

Enunciated independently the maximum time difference pipeline principle (1968)

Designed and developed multiple parallel computers of different types

## PATENTS

Held patents on inverse image topology in high speed interconnected network

A chip for arithmetic and logic unit based on maximum time difference pipeline operating principle (1980s)

With Y.X. Wang. Arithmetic/logic unit for large-scale integrated circuits. CN88108339 (1989)

With C.D. Han. Interconnection network technology for large scale parallel processing computer system. CN97116994 (1999)

Extending method for interconnect network of large scale parallel processing computer systems. CN98120058 (2000)

# Peter Heinrich Polemann

April 19, 2024

[Bibliography](#) See <https://neglectedscience.com/category/bibliography/>.

C. Peter Heinrich Polemann, German-born South African chemist and apothecary (Altona, Holstein 1779 – Cape Town 16 April 1839)

Authored *Verhandeling over net maken brandewyn en die verbetering van den gewonen kaapschen brandewyn; met eenige inleidende aanmerkingen* (1826)

## HONORS

*Polemannia* Ecklon & Zeyher 1837 (Apiaceae)

*Polemanniopsis* Burt 1989 (Apiaceae)

# Peter Seeligmann

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Peter Seeligmann, Argentine plant chemist (Helsinki 10 November 1923 – San Miguel de Tucumán 1999)

From German parents

Authored about 70 works

First reported the presence of myricetin glucosides in Asteraceae

With L.R.A. Israilev & M.A.del Pero Martínez. Myricetin in *Tagetes*: chemosystematic significance. *Phytochemistry* 30:40378, 1991

Authored the most significant work in the field of chemotaxonomy and peanut until then

A C-glycoside in four species of *Arachis*. *Lilloa* 33:61-8, 1970

Described the plant species *Flourensia macroligulata* 1960

With P. Legname & B. Mateu Amengual. Bases morfológicas químicas que permiten justificar el reconocimiento de variedades de *Acacia aroma* Gill ap. H et A. (Leguminosae). *Lilloa* 35(2):112, 1979

Un metodo yodometrico para titular glutation en papas

# Phaibul Naiyanetr

April 9, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Phaibul Naiyanetr, Thai carcinologist (21 February 1938 –

## DESCRIBED CRUSTACEA TAXA

### Genera

- Chinapotamon* 1994 with Dai
- Chulathelphusa* 1994
- Dromothelphusa* 1992
- Esanpotamon* 1997 with Ng
- Esanthelphusa* 1994
- Kanpotamon* 1993
- Mekongthelphusa* 1985
- Neolarnaudia* 1987 with Tuerkay
- Neotiwariopotamon* 1975 with Dai
- Pudaengon* 1995 with Ng
- Sayamia* 1994
- Siamosquilla* 1989
- Stelomon* 2000 with Yeo
- Thaiphusa* 1993 with Ng
- Thaipotamon* 1993 with Ng
- Thaksinthelphusa* 1993

### Species

About 75

## HONORS

*Phaibulamon* Ng 1992 (Crustacea)

# Phelps family

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/)See <https://neglectedscience.com/category/bibliography/>.

William Henry Phelps, US-born Venezuelan geographical explorer and ornithologist (New York 14 June 1875 – Caracas 09 December 1965)

## DESCRIBED AVES TAXA

### Species

- Amazilia distans* 1956 with Wetmore
- Basileuterus zimmeri* 1941 with Gilliard
- Catamenia mucuchesi* 1941 with Gilliard
- Crypturellus ptaritepui* 1944 with Zimmer
- Diglossa disjuncta* 1944 with Zimmer
- Grallaria chthonia* 1956 with Wetmore
- Myioborus albifrons* 1946 with Phelps Jr.
- Myioborus cardonai* 1944 with Zimmer
- Myioborus pariae* 1949 with Phelps Jr.
- Philydor hylobius* 1956 with Wetmore
- Picumnus nigropunctatus* 1950 with Zimmer
- Rallus wetmorei* 1944 with Zimmer
- Scytalopus nigricans* 1953

### Subspecies

- 206 (135 with his son)

## HONORS

- Phelpsia* Lanyon 1984 (Aves)
- Phelpsella* Maguire 1958 (Rapateaceae)

His son, William Henry Phelps Jr., Venezuelan ornithologist and geographical explorer (San Antonio de Maturín, Monagas 25 December 1902 – Caracas 13 August 1988)

Authored over 65 papers and books

Described about 200 avian taxa (135 subspecies with his father) being the avian species *Schizoeaca perijana* 1977, *Myioborus albifrons* 1946 with Phelps and *Myioborus pariae* 1949 with Phelps

# Philip Arthur Silverstone

June 30, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Philip Arthur Silverstone Sopkin, US-born Colombian herpetologist and botanist (Chicago 09 October 1939 –

## DESCRIBED NEW TAXA

### Amphibia

#### Species

- Adelphobates quinquevittatus* 1975
- Allobates ranoides* 1971
- Allobates zaparo* 1976
- Ameerega bassleri* 1975
- Ameerega ingeri* 1975
- Ameerega parvula* 1975
- Ameerega petersi* 1976
- Ameerega picta* 1975
- Ameerega pulchripecta* 1976
- Ameerega smaragdina* 1976
- Ameerega trivittata* 1976
- Andinobates altobueyensis* 1975
- Andinobates fulguritus* 1975
- Colostethus fraterdanieli* 1971
- Colostethus imbricolus* 1975
- Dendrobates tinctorius* 1975
- Epipedobates anthonyi* 1976
- Hyloxalus abditaurantius* 1975
- Hyloxalus lehmanni* 1971
- Hyloxalus ramosi* 1971
- Phyllobates vittatus* 1975

### Plantae

#### Species

- Browneopsis sanintiae* 2010
- Dicranopygium callithrix* 2004
- Epidendrum torraense* 2001 with Hagsater
- Peperomia rivulamans* 2011

## HONORS

*Silverstoneia* Grant, Frost, Caldwell, Gagliardo et al. 2006 (Amphibia)

# Philippe Rasoanaivo

June 26, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Philippe Rasoanaivo, Malagasy plant chemist and ethnobotanist (Ouest Ambohitany 13 August 1946 – Antananarivo 13 July 2016)

Authored over 150 research articles and more than 70 book chapters and entries

Made huge contributions in ethnobotany based drugs and phytomedicines, discovering several bioactive compounds

Authored studies on hazolava, traditional plant in his native country, important for treating psychiatric and sleep disorders, convulsions and male sexual dysfunction

Discovered a novel malaria chemo-sensitizing alkaloid named malagashanine

Discovered some novel tropane alkaloids that reverse the multi-drug resistance of cancer cells

His research on the wound-healing properties of *Ilex mitis* (Aquifoliaceae) gave rise to extract of trade name Fanaferol (1975)

Studied alkaloids from *Strychnos myrtoides* (Loganiaceae) as an adjuvant therapy to chloroquine

## SOME OTHER DISCOVERIES

With T. Fossen, A. Yahorau, S. Yahorava et al. New polyfunctional phragmalin limonoids from *Neobeguea mahafalensis*. *Planta Med.* 82(11-2):1087-95, 2016

With M. Bourjot, P. Leyssen, C. Eydoux et al. Flacourtosides A-F, phenolic glycosides isolated from *Flacourtia ramontchi*. *J. Nat. Prod.* 75(4):752-8, 2012

With M. Carraz, A. Jossang, J.F. Franetich et al. A plant-derived morphinan as a novel lead compound active against malaria liver stages. *Plos Med.* 3(12), 2006

## PATENTS

With J.E.S. Wikberg, B. Rasolondratovo & S.R. Andriantiaran. Novel compounds and pharmaceutical preparations from *Neobeguea* species. WO2008145996 A3 (2007) & US20100247593 A1

With D. Mazier, M. Carraz, J.F. Franetich, A. Jossang, R. Joyeau & F. Di Frappier. Alkaloid compounds and their use as anti-malarial drugs WO2005103008 A1 (2004) & EP1747200 B8

With M. Carraz, A. Jossang, J.F. Franetich, R. Joyeau & D. Mazier. Alkaloids for treatment of malaria. EP04291055 (2004)

With F. Di Frappier, S.R. Ratsimamanga & A.F. Trigalo. Composes derivees d'alcaloïdes et leur utilisation dans le traitement de malaria et cancer. WO2003095459 A3 (2002)

With S.R. Ratsimammanga, A.R. Ratsimamanga, K. Cheuk, H.C. Rabemanantsoa, J. Becquart, J. Provost & D. Reisdorf. Preparation and therapeutic uses of plants and plant extracts in the *Hylocereus* genus WO2005094856

With S.R. Ratsimammanga, A.R. Ratsimamanga, J. Leboul, J. Provost & D. Reisdorf. Mixtures which can be isolated from *Eugenia jambolana* Lamarck seeds, their preparation and the use of these mixtures and some of their constituents as medicaments 20020051828 (2002)

With S.R. Ratsimammanga, A.R. Ratsimamanga, J. Leboul, J. Provost & D. Reisdorf. Mixtures derived from grains of *Eugenia jambolana* Lamarck preparation and use of said mixtures and some of their constituents as medicaments 5972342 (1999) & 6194412 (2001)

With S.R. Ratsimammanga, A.R. Ratsimamanga, J. Leboul, J. Provost & D. Reisdorf. Sodium oxamate for the treatment of diabetic conditions 6300375 (2001)

## HONOURS

Sven Brohult Award, International Foundation for Science, Sweden (2001)

AAMPS Award, International Foundation for Science, Sweden (2008)



# Philippi family

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Rudolph Amandus Philippi, German-born Chilean naturalist (Charlottenburg, Berlin 14 September 1808 – Santiago de Chile 23 July 1904)

Authored 453 works

**DESCRIBED TAXA**

**PLANTAE**

**Valid Genera**

44

**Species**

1017 (50 of them are Pteridophyta)

**Fungi**

**Species**

3

**ANIMALIA**

**Invertebrata**

**Genera**

**Diptera**

51

**Coleoptera**

14

**Hymenoptera**

7

**Orthoptera**

4

**Lepidoptera**

3

**Hemiptera**

2

**Mollusca**

43

**Crustacea**

17

**Coelenterata**

7

**Polychaeta**

5

**Hirudinea**

3

**Echinodermata**

2

**Pantopoda**

2

**Arachnida**

1

**Tunicata**

1

**Valid Vertebrata**

**Mammalia**

**Species**

9

Subspecies

9

Aves

Species

13

Subspecies

11

Reptilia

Species

3

Amphibia

Species

6

Pisces

Genus

*Genypterus* 1857

Species

14

HONORS

*Philippiella* Spegazzini 1897 (Caryophyllaceae)

*Philippia* Gray 1845 (Mollusca),

*Philippius* Germain 1895 (Coleoptera)

*Philippomolpus* Monrós 1952 (Coleoptera)

*Philippimyia* Shannon 1926 (Diptera)

*Philippites* Diener 1905 (Fossil Mollusca)

His son, Friedrich Heinrich Eunom Philippi, German-born Chilean botanist (Naples, Italy 16 December 1838 – Santiago 16 January 1910)

Authored 109 works

Described the valid genera *Thamnoseris* 1875 (Asteraceae) and *Lampayo* 1889 (Verbenaceae) and 83 plant species

# PHILIPPINES

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Geminiano Tiongson de Ocampo, Philippine ophthalmologist (Malolos 16 September 1907 – 02 September 1987)

Authored 207 papers and 8 books

Designed a corneal dissector (1956)

Perla Esperanza Oreta Dizon Santos Ocampo, Philippine pediatrician (Dagupan, Pangasinan 25 July 1931 – Manila 29 June 2012)

Authored over 200 papers and 10 books

Developed super oral rehydrating solution for diarrhea

## HONOURS

### Offices

Membership, Expert Advisory Panel on Maternal and Child Health of World Health Organization (1980-2)

President, International Society of Tropical Pediatrics (1989-92)

### Awards

Child Health Foundation Medal and Prize, WHO (1985)

Langholz International Award for Nutrition

Dogramaci Medal and Prize for Pediatric Education

# Phillip Valentine Tobias

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Phillip Valentine Tobias, South-African physical anthropologist (Durban 14 October 1925 – Johannesburg 07 June 2012)

Authored over 600 papers and 33 books

With J.R. Napier & L.S.B. Leakey described *Homo habilis* (1965)

Described *Paranthropus boisei* (1967)

## HONORS

Medicine & Physiology Nobel Prize nominee for three times

Balzan Prize for Physical Anthropology (1987)

Darwin Lifetime Achievement Award, American Association of Physical Anthropologists (1997)

# Pierfelice Ravenna

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pierfelice Ravenna, Chilean botanist (1938 –

## DESCRIBED PLANTAE TAXA

### Valid Genera

*Ainea* 1979

*Ateixa* 1971

*Catila* 1983

*Cearanthes* 2000

*Cobana* 1974

*Colima* 1968

*Diamena* 1987

*Diora* 1987

*Eithea* 2002

*Iguala* 1968

*Kelissa* 1981

*Lethia* 1986

*Leucothauma* 2009

*Ona* 2009

*Onira* 1983

*Tocantinia* 2000

### Subgenera

*Actine* 1983

*Cyclogyne* 2001

*Enoscordum* 1978

*Euryscordum* 1991

*Fulgituba* 1974

*Monanthoscordum* 1978

*Platyscordum* 1978

*Surgentia* 2000

*Tupianthes* 2003

*Viruflos* 1962

### Sections

*Adnata* 1988

*Andesine* 2000

*Calolirion* 1988

*Elatia* 1981

*Juncella* 1988

*Lenitium* 2000

*Nais* 1981

*Nidia* 2000

*Nivella* 2001

*Platyella* 1988

*Scirpeocharis* 2000

*Segetia* 2003

*Sipacapa* 2000

*Suavia* 2005

*Synexa* 2000

*Viperella* 2002

**HONOURS**

Herbert Medal, International Bulb Society (1974)

# Pirovano family

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Ignacio Pirovano Ayeno, Argentine surgeon (Buenos Aires 23 August 1844 – Buenos Aires 01 July 1895)

From Italian father and Austrian mother

## ACHIEVEMENTS

Developed a test for herniotomy

Designed Pirovano apparatus for continuous extension

Described a surgical treatment for cranial fractures (1878)

His nephew and son in law Aquiles Juan Pirovano Naón, surgeon (Buenos Aires 09 May 1885 – Buenos Aires 26 May 1943)

Developed Pirovano method of end-to-end anastomosis of vessels

Nouveau procédé de suture artérielle et veineuse. Revue de Chirurgie 29(10), 1909

Performed first case of homologous arterial transplant in the world

Un cas de greffe artérielle. Presse Med. 19:55, 1911

# Pisharoth Rama Pisharoty

April 19, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Pisharoth Rama Pisharoty, Indian physicist and meteorologist (Kollengode, Kerala State 10 February 1909 – Pune 24 September 2002)

Authored over 100 publications

## ACHIEVEMENTS

Found that the Indian summer monsoon is a delayed response to the inadequate poleward transport of heat in the Northern Hemisphere during the antecedent winter

Showed the consequences that mid-latitude low pressure systems moving eastward across the Northern Himalaya cause

A standard atmosphere for the tropics. Ind. J. Met. Geophys. 10 (1959)

Radio isotope techniques for the measurement of river bed variations. Proceed. Symp. Hydrometeorol. India (1964)

## OTHERS

With C.V. Raman & P. Nilakantan. Quantum theory of x-ray reflection. Nature (1947)

## HONOURS

IMO Prize (1989)



# Plínio Pinto e Silva

April 19, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Plínio Pinto e Silva, Brazilian veterinary anatomist (São Paulo 04 August 1912 – São Paulo 29 November 2005)

## SOME BIBLIOGRAPHY

With V.J.M. Campos, S. Melo Dias & A.M. Orsi. The vesical medial artery Rauch 1963, of the dog (*Canis familiaris*). Anat. Anz. 160:59-63, 1985

With S. Mello Dias, V.J.M. Campos, A.M. Orsi, M.C.O. Dayoub & R.M. Define. The urinary tract of *Gallus gallus* Indian River species. II. Trajectory and relations of the ureter with Blood vessels. Anat. Histol. Embryol. 13(1):64-7, 1984

With V.J.M. Campos & S. Mello Dias. The urogenital artery of the adult dog. Anat. Anz. 155(1-5):31-7, 1984

With S. Mello Dias, V.J.M. Campos, A.M. Orsi, M.C.O. Dayoub & R.M. Define. The urinary tract of *Gallus gallus* Indian River species. I. Ureter formation and branches. Anat. Histol. Embryol. 12(4):347-52, 1983

With S. Mello Dias, V.J.M. Campos, A.M. Orsi & M.C. Oliveira. Considerations on the renal lobes in *Gallus gallus* Indian River. Anat. Anz. 154(3):229-32, 1983

With V.J. M. Campos & S. Mello Dias. Comportamento anatômico da artéria urogenital no cão adulto (*Canis familiaris*). Rev. Cien. Biomed. 4:61-76, 1983

With S. Mello Dias, A.M. Orsi & Z. Silva. Massa de Schlesinger e angioarquitetura do testículo de *Gallus gallus* Indian River. Rev. Fac. Med. Vet. Zootecn. Univ. S. Paulo 18(2):93-5, 1981

With M.C. Oliveira, A.M. Orsi & S. Mello Dias. Estudo da obliteração pós-natal do foramen oval no cão (*Canis familiaris*) 1981

With M.C. Oliveira, A.M. Orsi, S. Mello Dias & R.M. Define. Anatomy of the closure of the foramen ovale of the dog (*Canis familiaris*). Anat. Histol. Embryol. 9(4):321-4, 1980

With A.M. Orsi, S. Mello Dias & V.R. de Melo. Anatomy of the epididymis of the South American opossum (*Didelphis azarae*). Anat. Histol. Embryol. 9(2):164-8, 1980

With Z. Silva, V.J.M. Campos, D.A.O. Silva & W.A. Fernandes. Study of the venous drainage of the thyroid gland in dogs (*Canis familiaris*). Anat. Anz. 148:245-51, 1980

With S. Mello Dias, M.C. Oliveira & A.M. Orsi. Distribuição arterial em gônada de ave (*Gallus gallus* Indian River). Acta Biol. Leopoldensia 2(1):75-81, 1980

With M.C. Oliveira & M.A. Fernandes de Abreu. Contribution to the study of biliary ducts of guinea pig (*Cavia porcellus*) – the ramus principalis sinister. Anat. Anz. 146(2):160-5, 1979

With M.C. Oliveira, A.M. Orsi & R.M. Define. Anatomical observation about the closure of the ductus venosus in the dog (*Canis familiaris*). Anat. Anz. 145(4):353-8, 1979

With M.C. Oliveira, A.M. Orsi & S. Mello Dias. Anatomical closure of the ductus arteriosus in the dog (*Canis familiaris*). Acta Anat. 104 (3):319-22, 1979

With A.M. Orsi, M.A. Fernandes de Abreu & S. Mello Dias. Pelvic visceral arteries of rabbits (*Oryctolagus cuniculus*). Acta Anat. (Basel) 104(1):72-8, 1979

With M.C. Oliveira, A.M. Orsi & A.M. Dias. Sobre a ramescência da artéria tireóide cranial em bovinos (*Bos indicus*). Cientifica 6:55-7, 1979

With A.M. Orsi, M.C. Oliveira & S. Mello Dias. Vascularização da glândula tireóide em mamíferos domésticos. Estudo comparativo no cão, gato, porco e boi. Cientifica 2(2):59-64, 1979

With A.M. Orsi, S. Mello Dias, M.E. Oliveira & V.J.M. Campos. Anatomical study of pelvic vessels in the cat. Arch. Vet. Ital. 29:37-40, 1978

With C.F. Joaquim, S. Mello Dias & V.J.M. Campos. Contribuição ao estudo das vias bilíferas em *Gallus gallus*. Cientifica 6(3):431-6, 1978

With A.M. Orsi, S. Mello Dias & M.C. Oliveira. Considerations about the branching of the aorta abdominalis in hamster (*Mesocricetus auratus*). Anat. Anz. 142(5):507-11, 1977

With A.M. Orsi & W.A. Fernandes. Estudio de los ramos de la aorta abdominal del hamster dorado (*Mesocricetus auratus*). Arch. Anat. Embriol. 12:190-203, 1977

With M.C. Oliveira & J.R. Pinto e Silva. Considerations about the origin levels of the cranial thyroid artery in guinea pig (*Cavia porcellus*). Rev. Bras. Pesq. Med. Biol. 9(5-6):239-42, 1976

With A.M. Orsi, V.J.M. Campos & Z. Silva. Considerações sobre os ramos viscerais da artéria pudenda interna do coelho (1976)

With A. Orsi, S. Mello Dias & M.C. Oliveira. Considerações sobre a ramescência da aorta abdominal do hamster dourado (*Mesocricetus auratus*). Rev. Bras. Pesq. Med. Biol. 8(5-6):459-62, 1975

With M.C. Oliveira, S. Mello Dias & A.M. Orsi. Origin and frequency of cranial and caudal thyroid arteries in pigs. Arch. Veter. Ital. 25(1-2):71-8, 1974

With A. Fernandes Filho & A.A. D'Errico. Topografia da abertura do ductus parotideus em cavalos puro sangue. Rev. Fac. Med. Vet. Univ. São Paulo 8:403-9, 1970

With V. Borelli. Contribuição ao estudo da irrigação arterial do nó sino-atrial em bovinos da raça holandesa, preta e branca. Arq. Inst. Biol. 36(2):67-84, 1969

With A. Chieffi. Demarcação das regiões do corpo no cavalo: pescoço e tronco. Rev. Fac. Med. Vet. São Paulo 2(3):127-50, 1943

Uma rara anomalia de origem da artéria renal no cão (origem no tronco celíaco). Rev. Fac. Med. Vet. São Paulo 2(3):119-26, 1943

Abertura do ductus parotidicus no bovino (mestiço de zebu). Rev. Fac. Med. Vet. São Paulo 1(2):171-7, 1939

Crescimento dos fetos de bovino (mestiços de zebu). Contribuição para o estudo do crescimento em peso do corpo, do fígado, coração e pulmão do feto mestiço de zebu, de 101 a 251 mm de comprimento. Thesis (1939)

# Plutarco Naranjo

April 9, 2024

**Bibliography** See <https://neglectedscience.com/category/bibliography/>.

Plutarco Floresmilo Naranjo Vargas, Ecuadorian allergologist and pharmacologist (Ambato 18 June 1921- Quito 27 April 2012)

Authored 300 papers ou monographs and 94 books and leaflets

Demonstrated that plants death during hoar-frost is due to changes in pH towards acidity with clotting of intracellular coloids  
Necrosis fría de las plantas (1947)

Demonstrated that three antihistaminic substances association presented a synergic effect with decreasing of side effects. This paved a way towards a drug named Hista3 launched in the market with international success

With E. Banda de Naranjo. Studies of the combined action of some antihistaminic agents. Ann. Allergy 11(6):699-716, 1953

Proposed dissolve penicillin in a pectin colloid to extend its effects (18 to 24 hours). This product was registered as Radualina

## SOME BIBLIOGRAPHY

El sistema neurovegetativo

Timo, Inmunición y Alergia (1965)

Farmacología: reacciones indeseables por drogas (1969)

La Etnomedicina em el Ecuador y la Medicina Tradicional Aborigen

With E. Banda de Naranjo. Inactivation of the antihistaminic drugs in the liver and in the gastrointestinal tract. J. Allergy 24(5):442-5, 1953

Nialamide as a coadjuvant in the treatment of allergic eczema. Rev. Med. Hosp. Gen. 41:193-7, 1961

Toxicity of histamine: lethal doses. Handbook Exp. Pharmacol. 18(1):179-201, 1966

## HONOURS

President, 43th World Health Assembly (1991)

## LINKS

[www.diccionariobiograficoecuador.com/tomos/tomo23/n1.htm](http://www.diccionariobiograficoecuador.com/tomos/tomo23/n1.htm)

# Poey family

April 19, 2024

[Bibliography](#)See <https://neglectedscience.com/category/bibliography/>.

Felipe Poey y Aloy, Cuban naturalist and geographer (La Habana 26 May 1799 – La Habana 28 January 1891)

From French father and Spanish mother

His study about respiration and circulation of aligators had great repercussion

With C. Finlay concluded that female mosquitoes transmitted the yellow fever

Showed that many fish characters vary with age such as the size and relative position of eyes and mouth

## DESCRIBED TAXA

### Pisces

#### Genera

*Epinnula* 1854

*Erotelis* 1860

*Gambusia* 1854

*Girardinus* 1854

*Gramma* 1868

*Grammicolepis* 1873

*Halieutichthys* 1863

*Hollardia* 1861

*Joturus* 1860

*Limia* 1854

*Lucifuga* 1858

*Microgobius* 1876

*Pontinus* 1860

*Pythonichthys* 1868

*Rivulus* 1860

*Verilus* 1860

### Valid Species

About 120

## Lepidoptera (1832)

#### Genera

*Acrolophus*

*Amphonyx*

*Erithales*

*Mastigophorus*

*Syllepis*

### Mollusca

#### Genus

*Pineria* 1854

### Species

65 valid species of land mollusks

## Coleoptera

#### Genus

*Telacis* 1853

### Diptera

#### Subgenus

*Oecacta* 1851

## HONORS

*Poeycoptis* Jaume & de la Torre 1972 (Mollusca)

His son, Andrés Poey y Aguirre, meteorologist and geographer (La Habana 15 November 1825 – Paris, France 04 January 1919)

## CONTRIBUTIONS

Developed Poey classification of clouds

Instructions et considerations synthetiques sur la nature, la constitution et la forme des nuages (1865)

New Classifications of Clouds. Ann. Rep. Smithsonian Inst. (1871)

Nouvelle classification des nuages suivis d'instructions pour servir a l'observation des nuages et des courants atmospheriques (1873)

First to study in the world the high clouds in a systematic manner

Sur deux nouveau types de nuages observés La Havane denominés Pallium (Pallio cirrus) 1863

Invented the Electrochemical Bath (1852)

Description de un ozonographe et d'un actinographe destines a enregistrer de demi-heure en demi-heure l'ozone atmospherique et l'action chimique de la lumiere ambiante (1865)

Loi de la coloration et de la decoloration des etoiles, du soleil et des planetes (1860)

Authored Table chronologique de quatre cents cyclones qui ont sévi dans les Indes Occidentales et dans l'océan Atlantique nord: pendant un intervalle de 362 années (depuis 1493 jusqu'en 1855) edited in Journal Royal Geogr. Soc. London (1855) with great repercussion

Proposed a method for extraction of metallic compounds from human body

Aplicación de la electroquímica para la extracción de partes metálicas en el cuerpo humano

## MEMBERSHIP

Member, Royal Academie des Sciences de Paris

# Pontis Videla Family

April 19, 2024

**Bibliography**See <https://neglectedscience.com/category/bibliography/>.

Horacio Guillermo Pontis Videla, Argentine plant biochemist (Mendoza 24 March 1928 – Mar del Plata 05 August 2019)

First to report fructose-containing nucleotides in fungi (with James & Baddiley; 1960) and plants (with Gonzalez; 1963)

With N. Gonzalez. Uridine diphosphate fructose and uridine diphosphate acetylglactosamine from *Dahlia* tubers. Biochim. Biophys. Acta 69:179-81, 1963

Synthesized the fructose 2-phosphate, the first ketose in literature or the first sugar phosphate with P group linked to hemiacetal-hydroxyl group

With C.L. Fischer. Synthesis of D-fructopyranose 2 phosphate and D-fructofuranose 2-phosphate. Biochem. J. 89:452, 1963

Demonstrated that the metabolism of fructans was regulated by hormone action (1965)

Separation of fructosans by gel filtration. Anal. Biochim. 23:331-67, 1968

Proposed the role of fructans in tolerance to freezing temperatures (1985) and as osmotic regulator (1971)

Fructans and cold stress. J. Plant Physiol. 134:148-50, 1989

With R. Durán demonstrated the existence of sucrose enzymes in unicellular eukaryotic organisms in Mol. Cell. Biochem. 16:149-52, 1977

Proposed the role of sucrose as a signaling molecule in plants

On the scent of the riddle of sucrose. Trends Biochem. Sci. 3:137-9, 1978

Described sucroglucans, members of a new series of non-reducing sucrose derivatives

With W.A. Vargas & G.L. Salerno. Structural characterization of the members of a polymer series compatible solutes in *Anabaena* cells exposed to salt stress. Plant Science 172(1):29-35, 2007

First to demonstrate an invertase activity in a organelle

With W.A. Vargas & G.L. Salerno. New insights on sucrose metabolism: evidence for an active A/N Inv in chloroplasts uncovers a novel component of the intracellular carbon trafficking. Planta 227:795-807, 2008

## METHODS

With E. Cabib & L.F. Leloir. An improved method for the isolation of some nucleoside diphosphate sugar from yeast. Biochem. Biophys. (1957)

With N.L. Blumson. A method for separation of nucleotides by concave gradient elution (1958)

With G.L. Salerno. Sucrose phosphate synthetase. Planta 142(1):41-8, 1978

With A.F. Puebla, M.E. Battaglia & G.L. Salerno. Sucrose-sucrose fructosyl transferase activity. A direct and rapid colorimetric procedure for the assay of plant extracts. Plant Physiol. Biochem. 37(9):699-702, 1999

## HONOURS

Correspondent Member, American Society of Plant Biologists

His brother, Rafael Edmundo Pontis Videla, Argentine plant pathologist (Mendoza 11 January 1911 – Mendoza 15 April 1997)

## DESCRIBED DISEASES

La virosis de la lechosa (*Carica papaya*) en Venezuela. I. Transmission del mosaico. Agr. Trop. Maracay 2:241-51, 1953

Una podredumbre del cuello de la piña (*Ananas comosus* L. Merr.) en Venezuela causada por *Phytophthora parasitica* Dastur. Acta Cient. Venez. 3(2):63, 1952

Una podredumbre de la caraota (*Phaseolus vulgaris* L.) en Venezuela, causada por *Pythium aphanidermatum*. Agr. Trop. Maracay 2(3):207-9, 1952

A canker disease of the coffee tree in Colombia and Venezuela. Phytopathology 41(2):178-84, 1951 (by *Ceratostomella fimbriata*)

Una podredumbre del tallo de maíz (*Zea mays* L.) en Venezuela causada por *Pythium aphanidermatum*. Agr. Trop. 1(1):13-28, 1951

El mal del tinta del nogal en la Republica Argentina. Rev. Mens. S.A. P. 27:31, 1943 (brown rot of walnut by *Phytophthora citrophthora*)

## OTHERS

With A.E. Klinger & N.J. Palleroni. Isolation of *Pseudomonas syringae* from lesions on *Vitis vinifera*. Phytopath. Zeitschr. 86:107-116, 1976 (first report of *Phytomonas syringae* on grapevines)

With J.M. Feldman. A common weed, *Physalis viscosa*, new host for potato virus Y. Plant Disease Reporter 47:22, 1963

With J.M. Feldman. A new host of *Sclerotinia sclerotiorum* in Argentina. Plant Dis. Report 43:421, 1959

# Prafulla Chandra Ray

June 26, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Prafulla Chandra Ray, Indian chemist (Raruli-Katipara Village, Khulna District, Bangladesh 02 August 1861 – Calcutta 16 June 1944)

Authored over 150 papers

Famous as historian of Indian chemistry

His thesis Conjugated Sulphates of Copper Magnesium Group: A study of isomorphous mixtures and molecular combinations was judged the best in Edinburgh University winning the Hope Prize (1887)

His publications on mercurous nitrite and its derivatives brought him international recognition

First prepared mercurous nitrite (1896)

Synthesized ammonium nitrite in pure form

Characterized and prepared many compounds of zinc, cadmium, mercuric iodide, etc.

# Prahlad Chunilal Vaidya

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Prahlad Chunilal Vaidya, Indian physicist (Shahapur, Junagarh District, Gujarat State 23 March 1918 – Ahmedabad, Gujarat State 08 April 2010)

Developed Vaidya metric or solution for a radiating star (1942)

A generalized Kerr-Schild solution of Einstein's equation (1973)

With L.K. Patel presented a method of obtaining solutions of Einstein field equations (1999)

## INFLUENTIAL PAPERS

The external field of a radiating star in general relativity. Curr. Science 12:183, 1943

The gravitational field of a radiating star. Proceed. Indian Acad. Sci. A 33:264, 1951

“Newtonian” time of general relativity. Nature 171 (4345):260, 1953

## EPONYMY

Vaidya blackhole

Vaidya-Tikeker space-time metric (1982)

Vaidya spacetime (1951)

Vaidya region

Vaidya horizons

Vaidya matrix

# Prawase Wasi

June 30, 2024

[Bibliography](https://neglectedscience.com/category/bibliography/) See <https://neglectedscience.com/category/bibliography/>.

Prawase Wasi, Thai haematologist (Kanchanaburi 05 August 1931 –

Authored over 100 articles

Identified the genetic mechanism of alpha thalassemia or Hemoglobin H disease

With S. Na-Nakorn & A. Suingdumrong. Haemoglobin H disease in Thailand: a genetical study. Nature 204:907, 1964

## HONORS

Wasi alpha-thalassemia 1

Wasi alpha-thalassemia 2