

Neglected Science: Expanding the Horizons of Science

Ebook

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Fanglan Tai
Farhad Ardalan
Farida Habib Shah
Farrokh Saidi
Faustino Miranda
Faustino Monteiro Esposel
Fausto Walter de Lima
Fe del Mundo
Federico Ahlfeld
Federico Benetti
Federico Bonet
Federico Gomez Santos
Federico Grande Rossi
Federico Islas
Federico Kurtz
Federico Lleras Acosta
Federico Rutllant
Federico Sabina
Federico Schickendantz
Federico Villarreal
Feifan Tang
Feiga Rosenthal

A. Amaro

February 25, 2024

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Alcides Amaro Verissimo, Brazilian protozoologist (Rio de Janeiro 29 May 1922 – Rio de Janeiro 13 July 1973)

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DESCRIBED PROTOZOAN TAXA

Families

Nyctotheridae 1972

Sicyaphoridae 1972

Genera

Acuminata 1966

Aduncuperistomatus 1968 with Sena

Antunesia 1966

Caudicula 1966

Caudiculata 1966

Cornucopioides 1966

Curviperistomatus 1967 with Sena

Filliformis 1966

Globoides 1966

Longa 1966

Nipponica 1966

Orientalis 1966

Ovalis 1966

Paucinucleata 1966

Phrynomantidis 1966

Plata 1966

Plurinucleata 1966

Promitotica 1966

Pulchra 1966

Rectiperistomatus 1968 with Sena

Recurviperistomatus 1967 with Sena

Sigmaoperistomatus 1968 with Sena

Spinifera 1966

Spiroperistomatus 1968 with Sena

A. Gopalakrishna

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A. Gopalakrishna, Indian bat researcher (Arkalgud, Karnataka 20 October 1922 – after 1996)

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HONOURS

- Main Speaker, International Conference on Bat Research, USA (1978) & Aberdeen, UK (1995)
- Genus *Gopalia* Dixit, Capoor & Rengaragu 1980 (Cestoda)

A. Ranga Rao

April 19, 2024

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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

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

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

Abbas Shafiee

June 26, 2024

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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 G. Fanai. [A Facile Synthesis of N-\(4-Aryl-1,3-dithiol-2-ylidene\)amides, and N-\(4-Aryl-1,3-diselenol-2-ylidene\)-amides](http://tums.ac.ir/faculties/shafieea?paperid=19008) See <http://tums.ac.ir/faculties/shafieea?paperid=19008>. Synthesis (1984)

With G. Fanai. [A Facile Synthesis of N-\(4-Aryl-1,3-dithiol-2-ylidene\)-amides, N-\(4- or 5-Aryl-1,3-thiaselenol-2-ylidene\)-amides, and N-\(4-Aryl-1,3-diselenol-2-ylidene\)- amides](http://tums.ac.ir/faculties/shafieea?paperid=19010) See <http://tums.ac.ir/faculties/shafieea?paperid=19010>. Synthesis (1984)

With S. Sattari. [Selenium Heterocycles XXXIII. Synthesis of Thieno\[3,4-b\]furan, Theino\[3,4-b\]indole and Seleno\[3,4-b\]indole, Four Novel Heterocycles](http://tums.ac.ir/faculties/shafieea?paperid=18999) See <http://tums.ac.ir/faculties/shafieea?paperid=18999>. J. Heterocyclic Chem 19:227, 1982

With S. Sattari. [A Facile Method for Acylation and Alkylation of Substituted Indoles](http://tums.ac.ir/faculties/shafieea?paperid=18991) See <http://tums.ac.ir/faculties/shafieea?paperid=18991>. Synthesis (1981)

With G. Kiaeay. [Chemistry of 1,2,3-Thiadiazole. IV. Synthesis of \[1\]Benzoxepino-\[3,4-d\]\[1,2,3\]thiadiazole, \[1\]Benzothiepine-\[3,4-d\]\[1,2,3\]thiadiazole, \[1\]Benzothiepine\[4,3-d\]\[1,2,3\]thiadiazole, \[1\]Benzoxepino\[4,3-d\]oxadiazole, and \[1\]Benzoxepino\[4,3-d\]oxazole. Four Novel Heterocycles](http://tums.ac.ir/faculties/shafieea?paperid=18995) See <http://tums.ac.ir/faculties/shafieea?paperid=18995>. Heterocycles. J. Heterocyclic Chem 18:809, 1981

With G. Kiaeay & M. Vosooghi. [Selenium Heterocycles XXXII. Synthesis of \[1\]Benzoxepino\[3,4-d\]-thiazole, \[1\]Benzothiepine\[3,4-d\]thiazole, \[1\]Benzoxepino\[3,4-d\]selenazole, and \[1\]Benzothiepine\[3,4-d\]selenazole. Four Novel Heterocycles](http://tums.ac.ir/faculties/shafieea?paperid=18989) See <http://tums.ac.ir/faculties/shafieea?paperid=18989>. J. Heterocyclic Chem 18: 789, 1981

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. Synthesis (1977)

With I. Lalezari & F. Savabi. A new synthesis of dimethyl-4-arylselenophene-2,3-dicarboxylates. Synthesis (1977)

Synthesis of 1,2,3-thiadiazolo [4,5-d]pyridazines. A new heterocyclic ring system. 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)

Abdel Fattah Mohamed

March 6, 2024

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

Abdel Fattah Mohamed Ibrahim El-Fiky, Egyptian chemist and oceanographer (Mansoura 28 January 1905 – Tripoli 23 September 1967)

First to observe the adiabatic increase of temperature in the deep water of the Gulf of Aqaba

First to note the presence of an intermediate layer of minimum oxygen and an intermediate maximum phosphate in the Northern Red Sea

First to describe the exchange of water in the Strait of Tiran between the Gulf and the Red Sea as well as circulation of water and origin of bottom water in the Northern Red Sea

Revealed the conditions which limit the depth of the layers of phytoplanktonic activity in the tropical regions, as well as the origin, character and movement of the Antarctic Intermediate Current and the North Indian Intermediate Current

Abdel Fattah Youssef

June 30, 2024

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

Abdul Hamid

February 29, 2024

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

Abdul Hamid, Pakistani mycologist (fl.1936-65)

Described *Pythiogeton sterile* and *Achlya androcomposita* (1942)

HONORS

Hamidia Chaudhuri 1942 (Fungi)

Abdul Kasim Mohamed Ghouse

February 28, 2024

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

Abdul Kasim Mohamed Ghouse, Indian plant morphologist (Parangipattai, Tamil Nadu State 15 June 1933 – 2015?)

Described several taxa with multinucleate fusiform cells

Noted certain interesting correlations between cambial behavior and phenological events

Elucidated diagnostic anatomical features of a large number of softwood and hardwoods

Observed that the proportion of phloem that was actively conducted was noted to vary with taxa and even with the different positions within the plant axis

DEVELOPED TECHNIQUES

With M. Yunus. A rapid maceration technique to study reaction-xylem developed due to root-knot nematodes. *Micr. Acta* 80:273-5, 1978

With F. Farooqi & D. Sabir. Use of sodium hydroxide in the preparation of epidermal peels from certain coniferous leaves rich in resins and tannins. *Stains Technol.* 49:125-8, 1974

With M. Yunus. Preparation of cuticle-free epidermal peels for the demonstration of primary pit fields. *Ann. Bot.* 38:209-11, 1974

With M. Yunus, F. Farooqi & D. Sabir. A simple maceration technique for the separation of sieve elements from the barks of woody plants. *Curr. Sci.* 43:424-5, 1974

With D. Sabir. A simple technique to demonstrate three-dimensional view of tracheary elements of *Equisetum*. *Acta Bot. Indica* 1:73-5, 1973

With M. Yunus. Preparation of epidermal peels from leaves of gymnosperms by treatment with hot 60% HNO₃. *Stains Techn.* 47:322-4, 1972

Abdul Mujeeb Kazi

March 2, 2024

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

Abdul Mujeeb Kazi, Pakistani plant geneticist (Sukkur 27 October 1939 –

One of the world's foremost active experts in wheat cytogenetics & breeding

Pioneer of synthetic hexploid wheat production in the world

Produced a large number of intergeneric and interspecific hybrids

Developed perfected cytological techniques that enhance breeding efficiency and facilitate molecular diagnostic applications

Produced 1,400 synthetic lines in wheat

Developed maize-wheat crosses for producing wheat doubled haploids

Established protocols for molecular cytogenetic technique such as C-banding and fluorescence in situ hybridization

Created numerous complex combinations in the wheat family, including interspecific hybrids across the wheat genomes, fertile amphiploids, and self-fertile backcross-1 germplasm

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://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 etiologico 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 torque 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 tectonica de la parte occidental de la provincia de Tucumán). Cuad. Miner. Geol. 3, 1943

Capas Terciarias de sal comun en el Valle de Santa Maria (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)

Abel Ayerza

February 25, 2024

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

Abel Teodato Ayerza Zabala, Argentine physician (Buenos Aires 21 May 1861 – Buenos Aires 14 July 1918)

Authored over 200 medical works

Reported Arrillaga-Ayerza syndrome (cardiacos negros) in a lecture at 20 August 1901 (Arrillaga published a full description of the disease in 1925)

Described a variety of polycitemia vera or Ayerza disease (1901)

SOME BIBLIOGRAPHY

Cardiopatía consecutiva a la escarlatina. Ann.Circ.Med. Arg 10:297, 1887

With H.G. Piñero. “Coup de chaleur”. Contribución a su estudio. Rev. Soc.Med. Arg. 7:417-53, 1899

Radiografía del neumotorax. Rev.Soc.Med.Arg (1900)

Úlcera gástrica traumática: hernia diafragmática. Ann.Cir.Med.Arg 25:426, 1902

With J. Vitón. El síndrome hemático de la ankylostomiasis (1909)

Pneumocisto. Arch. Med. 97, 1911

Cardiacos negros. Thesis 2536, 1912

Arsenicismo regional endémico (keratodermia y melanodermia combinadas). Bol. Acad. Nac. Med. Bs. Aires 1:11-24, 1918

Quiste hidatídico de mesentérico

Abel Chifflet

February 26, 2024

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

Abel Guillermo Chifflet Gramatica, Uruguayan surgeon (Mercedes, Soriano Departament 18 April 1904 – 1969)

From Italian and French descent

Authored over 150 papers

SOME BIBLIOGRAPHY

Bases anatômicas para a cirurgia do câncer do reto. Rev. Bras. Cir. 37:232, 1959

With W. Suiffet. Supuración metastásica en la equinococcosis multiples. An. Fac. Med. Montevideo 23:988, 1958

Anatomia del contenido pelviano masculino. Cirurgia del recto (1956)

La exploración del colédoco en la colecistitis litiasica. Rev. Cir. Uruguay 26(3):405-12, 1955

Entrada quirúrgica entre el recto y la vejiga. Rev. Cir. Uruguay 26(1):9-21, 1955

La cirugía de la diverticulitis del sigmoide. Dic. Med. Uruguay 21:602, 1955

Extensión caudal de la exéresis en el cáncer del recto alto. A proposito de 4 observaciones de cáncer multiple del recto. Bol. Soc. Cir. Uruguay 25:313-24, 1954

La exploración operatória de la tercera porción del duodeno. Bol. Soc. Cir. Uruguay 22:533, 1951

La hidatidosis hepatica es una afección hepato-biliar. Bol. Soc. Cirur. Uruguay (1948)

La travesía del perineo masculino. Bol. Soc. Cir. Uruguay 21:539-49, 1950

With J. Llopart. Equinococosis hepática y riñon derecho. Bol. Soc. Cir. Uruguay 17(3-4):147-65, 1946

La indicación operatória en los procesos hepato-biliares agudos. Arch. Urug. Med. Cir. Espec. 28:2, 1946

Factores de éxito en la colectomia en um tiempo. Bol. Soc. Cir. Uruguay 15:116-23, 1944

With R. Musso. El desprendimiento de la adventícia en los quistes operados del hígado. Anales Fac. Med. Montevideo 23 (1938)

La eosinofilia costal en el quiste hidatidico del pulmón. Arch. Urug. Med. Cir. Espec. 9(6):655, 1937

With P. Purriel. El neumiquiste perivesicular. Arch. Urug. Med. Cir. Espec. 11:639-51, 1937

With H. Ardao. Quiste hidatidico del seno. Anales Fac. Med. Montevideo 5(3), 1933

La fisiología del tarso posterior. Su equilibrio transversal (1933)

Estudio anatomoquirúrgico del angulo duodenoyeyunal. Anales Faxc. Med. Montevideo 27(5-7):382, 1932

With C. Rolando. Peritonite par rupture d'un kyste ombilicale

His name is involved in Chifflet pelvian rectum (rectus medius) and Chifflet abdominopelvic fascia (Albanese interureteral lamina)

HONORS

Foreign Correspondent Member, Societé de Chirurgie de Lyon

Abelardo Cantu Chapa

February 26, 2024

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

Abelardo B. Cantu-Chapa, Mexican paleontologist and biostratigrapher (China, Nuevo León State 12 January 1935 –

DESCRIBED NEW FOSSIL MOLLUSCA TAXA

Genera/Subgenera

Acevedites 1967

Bejucoceras 1976

Caseyella 1976

Chignahuapites 2009

Chinamecaceras 2006

Colladites 1967

Cuetzalanites 2009

Djanelidzeites 2012

Eopaquiericeras 2006

Esiaticomanites 2018 with Zarazua, Sanchez & Morales

Fierrites 1993

Galeanites 1998

Garcites 2001

Huastecoceras 1976

Kurdistanites 2012

Mazatepites 1967

Misantlites 2009

Novoleonites 1992

Parrasites 2009

Parvaites 2009

Peñaceras 1963

Peruvites 2012

Puebllicas 1993

Salinites 1968

Satoites 1966

Suarites 1967

Submazapilites 1963

Taraisites 1966

Veracruziceras 2006

Wiedmannites 2009

Species

Acevedites acevedense 1967

Aegocrioceras eguiluzi 2009

Ataxioceras (Ataxioceras) lopeztichae 1991
Bejucoceras simplecostatum 1976
Bochianites thieuloidis 1976
Capeloites lajense 2009
Capeloites neoleonense 2001
Capeloites peyroullesense 2009
Chignahuapites chignahuapense 1990
Chinamecaceras maldonadoi 2006
Coahuilites bassae 1963
Coahuilites obregoni 1963
Cuetzalanites tonatiuhoides 2009
Dufrenoyia huastecensis 1963
Durangites (Parrasiella) galeanense 1968
Durangites juanense 1968
Durangites (Parrasiella) latiumbilicatum 1968
Durangites zigzagcostatus 2006
Eopaquiericeras pazi 2006
Eopaquiericeras peraltai 2006
Esiaticomanites rursiconstricta 2018 with Zarazua, Sanchez & Morales
Fierrites alamosensis 1993
Galeanites garcense 1998
Garcites cavernensis 2001
Garcites potrerensis 2001
Groebericeras poblanense 1967
Haploceras veracruzanium 1976
Hegarotella baezi 2012
Immunitoceras pruvosti 1963
Inoceramus sornayi 1963
Kossmatia subzacatecana 1967
Lamellaptychus veracruzanus 1963
Mazatepites arredondense 1967
Misantlites reyesi 2009
Neohoploceras bartolini 2009
Neolissoceras bejucense 1976
Neolissoceras semisulcata 1976
Novoleonites towarensis 1992
Olcostephanus bosei 1966
Olcostephanus carrillense
Parrasiella juanensis 1968
Parvaites aguirrei 2009
Parvaites leanzai 2009

Peñaceras stoyanovi 1963
Pictonia (Colladites) granadillense 1967
Proniceras larense 1967
Proniceras subtorrense 1976
Protacanthodiscus densicostatus 1967
Protancyloceras alamensis 1963
Protancyloceras anahuacensis 1963
Protancyloceras barrancensis 1963
Protancyloceras ramirensense 1963
Pueblliceras lascarense 1993
Suarites velardense 1967
Suarites floreslopezi 1967
Suarites bituberculatum 1967
Submazapilites mexicanus 1963
Substeueroceras imlayi 1963
Subthurmannia dominguense 1967
Subthurmannia mazatepense 1967
Subthurmannia pemex 1963
Taraisites durangense 1966
Thurmanniceras kleini 2009
Veracruziceras myczynskii 2006
Veracruziceras ruizi 2006
Wichmanniceras hernandense 1967

Abelardo Ibañez

February 29, 2024

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

Abelardo Ibañez Benavente, Bolivian surgeon (Muñecas Province, La Paz Department 15 October 1896 – ?)

Created pneumatic pressure forceps

Described a new technique for vascular anastomosis in two planes (1924)

Developed a technique for arthroplasty of pelvis

Abelardo Moreno

March 9, 2024

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

Abelardo Moreno Bonilla, Cuban malacologist and arachnologist (Sagua La Grande, Villa Clara Province 13 February 1913 – La Habana 03 May 1992)

Authored over 100 publications

DESCRIBED NEW TAXA

Arachnida

Genus

Paraphrynus 1940

Species

Alayotityus nanus 1939

Centruroides aguayoi 1939

Centruroides johannis 1939

Centruroides pectinatissimus 1939

Diplocentrus torrei 1938

Heteronebo bermudezi 1938

Paraphrynus williamsi 1940

Tityus inexpectatus 1940

Subspecies

Rhopalurus junceus cadenasi 1939

Mollusca

Genus

Torrechrysis 1936

Subspecies

Zachrysis petitiana virescens 1943 with Torre

HONORS

Subg *Morenodendrium* Odening 1969 (Trematoda)

Abraão Akerman

February 25, 2024

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

Abraão (Abraham) Akerman, Russian-born Brazilian neurosurgeon (Petrograd, Russia 27 February 1908 – Rio de Janeiro 19 July 1985)

ACHIEVEMENTS

Gained international recognition for his studies concerning central nervous system diseases

Described Alajouanine-Akerman ataxic unstable hand

With T. A.J. Alajouanine. Attitude de la main dans une poussée monobrachiale astéréognosique de la sclérose en plaques. Rev. Neurol. 1:318-322, 1931.

Published with Paulo Niemeyer and Barreto Neto the paper Arterite de célula gigante (Arterite Temporal). Med. Cirurgia e Farm. (Rio de Janeiro) 252:117, 1957, that gained success in United States and USSR.

OTHERS

Visiting Professor, Mount Sinai School, University of New York

Abraão de Moraes

March 9, 2024

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

Abraão de Moraes, Brazilian astronomer and mathematician (Itapecerica da Serra, São Paulo State 17 November 1916 – São Paulo 11 December 1970)

ACHIEVEMENTS

First to include a rigorous treatment for motion equations resulting from a particle in a field with spherical symmetry in General Relativity Theory

Effects of the Earth's oblateness on the orbit of an artificial satellite. Anais da Acad. Bras. Ciencias 30:465-510, 1958.

Introduced new criteria of randomness (1961)

With P.A.Pompéia. Time distribution analysis related to Statistical Physics. Anais da Acad. Bras. Ciencias 33:13-23, 1961.

HONORS

Palme Académiques, France

Diplome, National Science Foundation, United States

De Moraes crater in Moon

<http://www.astro.iag.usp.br/~dinamica/abraham.html> (link)

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)

Abraham Iachan

February 29, 2024

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

Abrahão Iachan, Jewish Brazilian chemical engineer (Rio de Janeiro 27 January 1924 – Rio de Janeiro 19 June 2018)

Obtained an antigenic glycopeptide from Brazilian nut

With C.M.P. Figueiredo. Isolamento e caracterização parcial de um glicopeptídeo antigênico da castanha do Pará (1976-7)

METHODS

Developed a rapid and accurate process for determination of safrol in sassafras oil

With W. Raoul. Contribuição ao estudo do óleo de sassafrás brasileiro. Rev. Quim. Ind. 19:217-8, 1950

Developed an industrial process for detoxifying castor bean cake

With J.C. Perrone, G.B. Domont, L.V. Disitzer, V.R.O. Castro, R. Roitman & S.M. Gomes. Contribuição ao estudo da torta de mamona (1966)

With L.A. Moreira Carneiro. Aproveitamento de resíduos de natureza proteica. Novo processo de plastificação de proteínas. Anais Assoc. Bras. Quim. 77(1-4):23-31, 1958

With J.C. Perrone & R. Roitman. A method for the determination of proline and hydroxyproline. An. Acad. Bras. Ciencias 31(1):53-55, 1959

With J.C. Perrone & 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 & J.C. Perrone developed 2 methods for the automatic determination of trypsin activity (1963)

With B. Rotenberg. Método químico automático para diferenciação de café bebida. Rev. Bras. Tecnol. 2:67, 1971

With J.C. Perrone. Novo método para a dosagem da prolina e da hidroxiprolina. An. Acad. Bras. Cien. 29(4):XLVI, 1957

Papers in Nature

With J.C. Perrone & L.V. Disitzer. Electrophoretic heterogeneity of trypsin. Nature 184:1225-6, 1959

With J.C. Perrone & L.V. Disitzer & G. B. Domont. Fractionation of trypsin by paper electrophoresis. Nature 203(4090):43-5, 1964

Patents

Improvements in the treatment of protein fibers (1974)

Processo de beneficiamento de fibras proteicas (1975)

Perfectionnement au traitement de la laine et matieres similaires (1977)

Treatment of wool and related materials

Procedimiento para mejorar fibras de proteínas (1977)

Processo de tratamento do resíduo da destilação do álcool (1977)

Utilization of vinasse as culture medium for microorganisms

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)

Abreu Fialho family

February 25, 2024

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

José Antonio de Abreu Fialho, Brazilian ophthalmologist (Aracaju 20 January 1874 – Rio de Janeiro 17 March 1940)

Authored over 200 works (many of them in German)

Described an unique case in ophthalmology

Ueber eine ausgedehnte luetische Erkrankung des Auges mit Mitbetheiligung der Conjunctiva (1901)

Proposed a trial frame

Tratado de Ophtalmologia. Anomalias da refração ou defeitos ópticos do olho (1926)

Developed Abreu Fialho method for treatment of detached retina

Ein Beitrag zur Frage der Netzhautablösung. Klin. Mlbd. Augenheilk. 104:525-33, 1940

Modified the Prokhorow method for treating of ocular syphilis

Tratamento da syphilis (ocular) pelo método de Prokhorow modificado. Gaz. Clin. (1906)

His son, Sylvio Abreu Fialho, ophthalmologist (Rio de Janeiro 18 November 1904 – Rio de Janeiro 25 June 1977)

Proposed spontaneous desiccation of cornea (popularized by Urrets Zavalía)

Conservation de la cornée de cadavre par immersion du globe oculaire dans l'huile de paraffine maintenue a 4 ou 6°C. Ann. Ocul. 183:563-9, 1950

Authored works about ocular toxoplasmosis with good repercussion abroad

Toxoplasmose ocular: contribuição ao estudo clínico e experimental. Thesis (1953)

With Lydia Campos Paraguassu. Toxoplasmose ocular: humana e experimental (1964)

Developed a lid retractor

Lid retractor. 7th Pan-american Medical Congress (1945)

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

Achille Bassi

February 25, 2024

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

Achille Bassi, Italian-born Brazilian geometer (Mondovì, Cuneo, Piemonte 09 August 1907 – São Carlos, São Paulo State 29 November 1973)

Gained international recognition for his studies about Betti numbers

Proposed a theorem about the Betti numbers of closed, connected and orientable manifolds

Sopra l'esistenza di una varietà topologica con numeri di Betti assegnati. Acad. Bras. Ciencias (1949)

Proposed the theory of topological groups (since 1947) developed by his pupil Gilberto F. Loibel in his doctoral thesis of 1959

Developed the theory of general duality

A dualidade nas álgebras de Boole topológicas e suas consequências. Thesis (1961)

Developed the theory of topological polynomials (1963)

Demonstrated a theorem about topological operators in which one can determine all topological operators capable of introducing a topology into a Boole algebra (1964)

Sui polinomi in un'algebra del Boole con topologia. Rev. Rendiconti Accad. Naz dei Lincei (1967)

Polinomi i dualità in un'algebra del Boole con topologia. Rend. Matem. Appl. 25(1-2):94-112, 1967

Proposed a concept of semi-duality or conditioned duality

Authored important studies about non-associative topological groups

OTHER CONTRIBUTIONS

On some new invariants of a manifold (1936)

Su alcuni nuovi invarianti delle varietà topologiche. Ann. Matem. Pura et Appli. (1937)

Adalberto Antonio Varela Freire

June 30, 2024

[Bibliography](https://neglectedscience.com/category/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'Avila & 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](#) 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)

Adelmar Faria Coimbra Filho

February 26, 2024

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

Adelmar Faria Coimbra Filho, Brazilian primatologist (Fortaleza 04 June 1924 – Rio de Janeiro 27 June 2016)

Authored over 200 works

Gained international renown for his studies on primates conservation mainly lion tamarins

Founded the Centro de Primatologia do Rio de Janeiro, the world's first institute to aim primarily primates conservation (1975)

First to breed Lion tamarins in captivity

Observed the habit of tree-gouging and gum-eating among the marmosets of Brazil

Aspectos inéditos do comportamento de saguis do gênero *Callithrix* (Callithricidae, Primates). Rev. Bras. Biol. 32(4):505-12, 1972

With R. A. Mittermeier. Exudate-eating and tree-gouging in marmosets. Nature 262:630, 1976

Showed the inversion of reproductive phases in primates due to boreal-austral hemisphere migration

With A. de A. Maia. As fases do processo reprodutivo de *Macaca mulatta* Zimmermann 1780, na ilha do Pinheiro, Rio de Janeiro, Brasil (Cercopithecidae, Primates). Rev. Bras. Biol. 37(1):77-8, 1977

With A. de A. Maia. A sazonalidade do processo reprodutivo em *Leontopithecus r. rosalia* (Linnaeus, 1766) (Callithricidae, Primates). Rev. Bras. Biol. 39(3):643-51, 1979

Described *Callithrix kuhlii* 1985, a new marmoset species

First to breed Andean condor (*Vultur gryphus*) at sea level

HONOURS

Australian primatologist Colin Groves called him living legend of primatology in his book Primate Taxonomy (2001)

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

Adem brothers

February 25, 2024

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

José Adem Chahin, Mexican mathematician (Tuxpan, Veracruz State 27 October 1921 – Ciudad de Mexico 14 February 1991)

Son of Lebanese immigrants

Developed formulae about Steenrod algebras worldwide known

With S. Gitler & Y.K. Lam defined secondary operations

Performed important contributions to immersion problem

EPONYMY

Adem relations

Adem extension theorem (1952)

Adem formula

Adem phenomenon

Adem-Cartan operads

Adem-Cartan algebra

His brother, Julián Adem Chahín, mathematician and geophysicist (Tuxpan, Veracruz State 08 Janeiro 1924 –

Authored over 136 works

Presented the first correct explanation of cyclones motion towards Northwest in North Hemisphere

Series solution for the barotropic vorticity equation and its application in the study of atmospheric vortices. Tellus 8:364-72, 1956

Developed a thermodynamic climate model for climate prediction known as Adem model

On the normal state of the troposphere-ocean continent system in the Northern Hemisphere. Geofis. Intern. 4:3-32, 1964

Developed Adem model for energy balance

On the theory of the general circulation of the atmosphere. Tellus 14:102-115, 1962

A parametric method for computing the mean water budget of the atmosphere. Tellus 20:621-32, 1968

With E.E. Villanueva & V.M. Mendoza. A new method to estimate the seasonal cycle of the heat balance at the ocean surface, with special application to the Gulf of Mexico. Geofis. Internat. 32:21-4, 1993

Adeodato family

February 25, 2024

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

José Adeodato de Souza, Brazilian gynecologist and obstetrician (Cachoeira, Bahia State 12 December 1873 – Salvador 16 October 1930)

Authored over 50 works

Described Adeodato occult menstruation (1913) known as Pozzi obstructive amenorrhea or apparent amenorrhea too

Modified ligamentous hysteropexy of Gilliam (Gilliam-Adeodato hysteropexy)

José Adeodato de Souza Filho

His son, José Adeodato de Souza Filho, gynecologist and obstetrician (Salvador 25 February 1907 – 07 August 1984)

Authored over 100 papers plus 2 books and 4 theses

Authored a classical work about trichomoniasis

With A. Dourado. Trichomoniasis in female. Rev. Gynec. Et d'obst. 1:680-91, 1938

Developed the first vaccine for protozoan (trichomoniasis)

Contribuição à terapêutica da tricomonose genital feminina. Vacinoterapia autógena na tricomonose. Rev. Gin. D'Obst. (1938)

DEVELOPED NEW TECHNIQUES

Open air pelvimetry

Um novo método de pelvimetria (pelvimetria a céu aberto). Rev. Gyn. Obst. 31(5):351-7, 1937

A new technique for tubal sterilization

Nova técnica de esterilização tubária (secção, sepultamento e cruzamento dos cotos). Rev. Gynec. Obst. 35(5):350-5, 1941

Adapted roentgenphotography to obstetric clinics

Cadastro pelvigráfico pela roentgenfotografia. Rev. Gynec. et d'Obst. 46(7):502, 1952

An innovative technique for diagnosing placenta previa using a special kind of X rays

Diagnóstico e tratamento da placenta prévia. Rev. de Gin. e d'Obst. (1954)

LINKS

<http://www.fameb.ufba.br/filebrowser/download/91>

Adeodato García Valenzuela

February 28, 2024

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

Adeodato García Valenzuela, Chilean biochemist (Coltauco, Cachapoal Province 29 December 1864 – 22 December 1935)

Discovered a ptomaine named hexamethylenediamine or Garcia compound when studied under Hoppe-Seyler in Germany. Published in *Zeitschrift für Physiol. Chemie* 27:543-595, 1893.

Authored works about Abderhalden test for pregnancy

SOME BIBLIOGRAPHY

Beiträge zur Kenntnis des Haarwechsels bei Menschlichen Embryonen und Neugeborenen. *Morphol. Arbeiten*, 1891.

With F. Hoppe-Seyler. Las ptomaínas en procesos de putrefacción de los líquidos albuminosos

Venenos y envenenamientos en Chile

Adib Jatene

March 1, 2024

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

Adib Domingos Jatene, Brazilian cardiologist (Xapuri, Acre State 04 June 1929 – São Paulo 14 November 2014)

Son of Lebanese immigrants

Authored 272 scientific works

Described a simple method for preparation of amorphous ice employed in myocardium selective hypothermia (1963)

Introduced the concept of geometrical reconstruction of ventricular cavity usando Dacron patch

Operative technique. Cleve Clin. Q. 45(1):94-7, 1978

Performed contributions to myocardial revascularization and congenital heart diseases surgeries

Performed first successful arterial switch or dextro-transposition of great arteries (Jatene operation) in 1975

With V.F. Fontes, P.P. Paulista, L.C.B. Souza, F. Neger, M. Galantier & J.E.M.R. Sousa. Successful anatomic correction of transposition of the great vessels: a preliminary report. Arq. Bras. Cardiol. 28(4):461-4, 1975

With V.F. Fontes, P.P. Paulista, L.C.B. Souza, F. Neger, M. Galantier & J.E.M.R. Sousa. Anatomic correction of transposition of the great vessels. J. Thorac. Cardiovasc. Surg. 72(3):364-70, 1976

Proposed a technique of left ventricular reconstruction or Jatene procedure (1984)

Left Ventricular aneurysmectomy. Resection or reconstruction? J. Thorac. Cardiovasc. Surg. 89:321-31, 1985

Developed Barbero Marcial technique

With M. Barbero-Marcial, A.A. Riso, G. Verginelli & F. Pileggi. A technique for correction of truncus arteriosus type I and II without extracardiac conduits. Rev. Bras. Cir. Cardiovasc. 4(1):1-8, 1989 and J. Thorac. Cardiovasc. Surg. 99(2):364-9, 1990

TECHNIQUES

With L.A. Dallan, S.A. Oliveira, L.P. Poli de Figueiredo, L.A. Lisboa & F. Platania. Externally supported radial artery graft for myocardial revascularization: a new technique to avoid vasospasm. J. Thorac. Cardiovasc. Surg. 118(3):563-5, 1999

With F.B. Jatene, R.S. Assad & L.J. A. DiDio. An anatomy-based new surgical technique: "Segmentectomy" of the Left Ventricle for Systematized Partial Cardiac Resection. Symposium on Modern Imaging of the Human Body Dissecting and Clinical Anatomy. In: XV Federative International Congress of Anatomy, Rome 1999

With M.L. Barbero Marcial, C. Tanamati, E. Atik, L.J. Kajita, M. Ebaid & M.B. Jatene. Anomalous origin of the left coronary artery from the pulmonary artery with an intramural aortic route: diagnosis and surgical treatment. Rev. Bras. Cir. Cardiovasc. 13(2): 120-3, 1998

With M.A. Santos, P.R. Salerno, M.M. Capellari et al. Technical modifications in the surgery of supraaortic stenosis. Rev. Bras. Cir. Cardiovasc. 11(4):279-86, 1996

With P.R. Salerno, M.A. Santos, M.B. Jatene et al. New delivery system for pediatric blood cardioplegia. Rev. Bras. Cir. Cardiovasc. 10(3):150-3, 1995

With R.S. Assad, V.D. Aiello, M.B. Jatene, R. Costa & F.L. Hanley. Cryosurgical ablation of fetal atrioventricular node – new model to treat fetal malignant tachyarrhythmias". Ann Thorac. Surg 60(6):629-632, 1995

With R.S. Assad, M.B. Jatene, L.F.P. Moreira, P.C. Sales, R. Costa & F.L. Hanley. Fetal heart-block – a new experimental-model to assess fetal pacing", Pacing Clin Electrophys 17(7):1256-1263, 1994

With J.J. Dinkhuysen, L.C.B. Souza, P. Chacur et al. Trapezoidal aortoplasty. Rev. Bras. Cir. Cardiovasc. 9(4):205-12, 1994

With M. Barbero-Marcial, E. Sosa, J.O.C. Auler Jr. & M. Scanavacca. Interpapillary subendocardial cryoablation for the treatment of recurrent ventricular chagasic tachycardia. Rev. Bras. Cir. Cardiovasc. 8(3):215-9, 1993

With L.C.B. Souza, P. Chacur, J.J. Dinkhuysen et al. New technical modification for supraaortic stenosis surgical treatment. Rev. Bras. Cir. Cardiovasc. 7(2):121-6, 1992

With F.B. Jatene, M.B. Jatene, N.Ikari & D.M.A. Machado. Surgical correction for atrial inversion in Senning operation in case of right ventricular dysfunction. Rev. Bras. Cir. Cardiovasc. 6(1):49-53, 1991

With M. Barbero-Marcial, A.A. Riso, G. Verginelli & F. Pileggi. Nova técnica para correção do truncus arteriosus tipo I e II. Rev. Bras. Cardiol. Pediat. 1(1):15-21, 1991

With M. Barbero-Marcial, E. Sosa & M. Scanavacca. New technique for treatment of recurrent and refractory nodal reentry tachycardia: dissection of the posterior portion of the atrioventricular node. Rev. Bras. Cir. Cardiovasc. 5(1):35-41, 1990

With M. Barbero-Marcial, E. Atik, M. Ratti, G. Verginelli, F. Pileggi et al. New surgical techniques for treatment of pulmonary atresia with ventricular septal defect and pulmonary arteries anomalies including the so-called type IV. Rev. Bras. Cir. Cardiovasc. 2(1):22-31, 1987

With D.S. Kormann, S.J. Kormann, J.C. Pachón Mateos, J.E.M.R. Sousa et al. Cardiac stimulation with teleanode: a new technique for electrical pacing of the heart. Rev. Bras. Cir. Cardiovasc. 1(1):1-13, 1986

With L.B. Puig, L. Franca Neto, M. Rati, J.A.F. Ramires, F. Pileggi & P. L. Luz. A technique of anastomosis of the right internal mammary artery to the circumflex artery and its branches. Annals of Thoracic Surgery. 38:533-4, 1984

With D.S. Korman, P.R. Gauch, J.C. Pachon, S.J. Korman & S. Galvão Filho. A new technique for pacemaker implantation with an endocardial electrode in children. Arq. Bras. Cardiol. 41(4):227-30, 1983

Introduced transoperative mapping (1978)

Presented the mitral ring duplication as a new technique for treating mitral insufficiency (1971)

Systematized the use of intermittent anoxic heart block for anastomosis (1968)

DEVELOPED/INVENTED

A rod clamp for mitral commissurotomy (1953)

Built a model of heart-lung machine (1957)

With W. Jazbik developed a simplified bubble oxygenator (1963)

Patented bubble and membrane oxygenators and tilting-disc valves (1965)

With H. Magalhães & W. Jazbik developed a non-disposable bubble oxygenator model (1964)

With Waldir Jazbik built reusable bubble oxygenators (1966)

Jatene-Macchi disposable oxygenator

With Eduardo Issamu Nakayama & Adolfo Alberto Leiner Axial Rotary pump for Circulatory assistance

An artificial heart-lung machine

Valvular prostheses and pacemakers

With F.A. Lucchese, R. Kalil, P.R. Prates & I.A. Nesralla. A new valve retractor for mitral valve procedures. Ann. Thorac. Surg. 29:177-8, 1980

Presented a model of prosthetic tilting disc (1981)

With Fábio B. Jatene & Pedro C.P. Lemos. Hydro-dynamic flowmeter in myocardial revascularization surgery. Rev. Bras. Cir. Cardiovasc. 1(1):49-53, 1986

Developed the disposable hollow fiber membrane oxygenator (1986)

With P.M.A. Pomerantzeff, A.A. Leirner, A.S. Hayashida, M.L. Silva & R.A. Purchio. A non-conventional reniform heart valve biosprothesis with improved performance. ASAIO J. 38:607-10, 1992

With M.S. Oshiro, S.A. Hayashida, M.J.S. Maizato, E.F. Marques, N.A.G. Stolfi & A.A. Leirner Design, manufacturing, and testing of a paracorporeal pulsatile ventricular assist device – Sao-Paulo Heart Institute VAD”, Artificial organs: 19(3):274-279, 1995

With R.S. Assad, M. Cardarelli, M.C.D. Abduch, V.D. Aiello & M. Maizato. Reversible pulmonary trunk banding: experimental model for rapid pressure of the pulmonary ventricle. Rev. Bras. Cir. Cardiovasc. 13(3):239-48, 1998

HONORS

Pioneers in Thoracic and Cardiovascular Surgery, Société de Chirurgie Thoracique et Cardiovasculaire de Langue Française (2000)

Golden Hippocrates International Prize for Excellency in Medicine (2003)

Talal El Zein Award, Mediterranean Association of Cardiology and Cardiac Surgery (2003)

Seven Wise Men of the World – in Cardiovascular Surgery (2007)

Bakoulev Award for Cardiovascular Surgery (2011)

Adil Mustafa

March 9, 2024

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

Adil Mustafa Sehzadebasi, Turkish veterinarian (Istanbul 11 June 1871 – 19 January 1904)

With M. Nicolle claimed that rinderpest is caused by a virus (1902)

With M. Nicolle first to prepare bovine plague serum

With M. Nicolle demonstrated that the causative agente of varíola was filterable 5 years before Negri (published only in 1906)

Adilson Dias Paschoal

April 16, 2024

[Bibliography](https://neglectedscience.com/category/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

Adinath Lahiri

March 2, 2024

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

Adinath Lahiri, Indian chemist and technologist (Pabna, now Bangladesh 24 August 1916 – London 26 August 1975)

Recognized as an international authority on coal

Authored over 500 articles

Made important contributions to knowledge of the state of combination of carbon and hydrogen in the coal molecule and its derivatives

His studies led to many improvements in coal washing technology some of which have been internationally adopted

DEVELOPED WITH COLLEAGUES

A beehive coke oven

An activated carbon and ion exchangers for determination of water-based coal

A simple moving-bed devolatilizer without by product recovery

A narrow brick vertical retort employed in low temperature carbonisation technique for large scale production

Processes for the isolation and recovery of useful chemicals from the byproducts of coal

Processes for the production of products like resins, phthalic anhydride, anthraquinone, maleic anhydride, xylenes, cyanopyridines, nicotinic, isonicotinic and benzoic acids, benzonitrile, cresols, naphthol, resorcinol and other compounds

Inexpensive methods for converting low-grade coals into processed solid fuel

Technology of using non-coking coals for the production of blast furnace fuel

OTHER CONTRIBUTIONS

With G.G. Sarkar & S. Saha. A graphical method for determining optimum operating condition for washing mixed coals. J. Inst. Fuel 33:130-45, 1960

With S.K. Mukherjee et al. A continuous process for low temperature fluidized carbonization of coal. J. Scient. Ind. Res. 19 (12A): 611-5, 1960

With A.K. Chakraborty et al. A simple specific gravity indicator for use in heavy medium coal washing plants. Res. Ind. 6(7):239-41, 1961

With G.G. Sarkar. An index for the comparison and correlation of washability characteristic of coals (1962)

With P.N. Mukherjee & L.V. Ramachandran. A new method of production of nitrogeous organic manure from cellulosic material. Chem. Ind. 18(7):41, 1963

With A.R. Ray et al. An improved process of coal flotation by use of grids. Indian J. Tech. 2(12):446-8, 1963

With P.N. Bose et al. A theoretical basis for predicting optimum proportions of constituents in coal blending. Ind. J. Tech. 2(3):110-2, 1964

With P.N. Mukherjee & J.N. Bhowmik. An improved process for the production of fertilizers from coal. Indian J. Tech. 3(3):90-2, 1965

With A. Sen Gupta & N.N. Das Gupta. A laboratory test oven for assessing the coking properties of coals. Indian J. Tech. 4:5, 1966

With G.G. Sarkar & H.P. Das. New washability diagram presenting the petrological constituents of coal CIM Bull. 64(705):757-65, 1971

With J. Chattopadhyay et al. An integrated process for simultaneous upgrading and dewatering of small coal (1972)

With S.K. Ray & H.S. Rao. An integrated scheme for the production of some fine chemicals, pharmaceuticals and insecticides from light pyridine bases recoverable from coke oven saturated liquor (1972)

PATENTS

(Several innovations in fuel technology which earned him over 90 patents)

With N.G. Basak & A.C. Mazumdar. Improvements in or relating to the removal of organic sulphur from industrial gases GB803399 A (1956)

With D.K. Sen, C. Sreedharan, B. Nair & A.N. Basu. A process for the extraction of tar acids from the crude tar oils DE1297618 B (1961)

With A.K. Chakravarti, J. Chattopadhyay & G.G. Sarkar. Upgrading and dewatering of coal US3,3381,388 A (1966)

With A.K. Chakravarti, J. Chattopadhyay & G.G. Sarkar. Improvements in or relating to the upgrading and dewatering of coal. GB1114820A (1966)

With P.B. Chowdhury, D.K. Mukherjee, N.G. Basak, J.K. Sarma & A.N. Basu. Preparation of iron catalysts for hydrogenation of coal CA965767A (1970)

With D.K. Mukherjee, P.B. Chowdhury, J.K. Sarma, A.N. Basu & N.G. Basak. Hydrogenation of coal US3,775,286 (1971)

With S.K. Ray, G.S. Murty, H.S. Rao & S. C. Ray. A process relating to the production of benzonitrile from toluene a constituent of coke-oven benzole and petroleum (1972)

With T.K. Goswami, S.K. Ray, A. Bhattacharjee, T.J. Bhaduri, P.R. Kumar, K.K. Tiwari, M.P. Sharma, G.S. Murty, C.S.B. Nair & K.C. Bit. Improvements in or relating to a process for the isomerisation of sulphonic acids IN141861B (1973)

With T.K. Goswami, S.K. Ray, A. Bhattacharjee, T.J. Bhaduri, P.R. Kumar, K.K. Tiwari, M.P. Sharma, G.S. Murty, C.S.B. Nair & K.C. Bit. Improvements in or relating for the production of aromatic hydroxy compounds or salts thereof IN141862B (1973)

With T.K. Goswami, S.K. Ray, A. Bhattacharjee, T.J. Bhaduri, P.R. Kumar, K.K. Tiwari, M.P. Sharma, G.S. Murty, C.S.B. Nair & K.C. Bit. Improvements in or relating to a process for neutralisation of the products from sulphonation reaction IN141863B (1973)

With B. Konar, A.K. Sinha & G.G. Sarkar. A process for demineralisation of coals IN144163B (1974)

HONORS

Genus *Lahirites* Bharadwaj (Fossil Pollen & Sporae)

LINKS

http://www.insaindia.res.in/BM/BM6_7909.pdf

Adnan Hamoui

February 29, 2024

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

Adnan Hamoui, Syrian mathematician in Kuwait (Damascus 20 December 1932 –

Defined quaternion submanifolds of codimension 2 (1984)

With R.S. Mishra obtained a formula on an almost Sasakian manifold (1982)

Deux nouvelles classes de solutions non-statiques à symétrie sphérique des équations d'Einstein-Maxwell. Ann. Inst. Henri Poincaré. A. Phys. Theor. 10(2):195-227, 1969

Generalized a subcase of Lemaitre-Tolman model to dust moving in a spherically symmetric electric field (1969)

With L. Bel established a general program permitting to decide on the possibility of matching two metrics (1967)

With A. Papapetrou obtained first procedure of extending the geometry of space-time through a weak singularity (1967) and derived a number of relations valid for an arbitrary surface layer in general relativity (1968)

Adolar Gottlieb Herre

February 29, 2024

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

Adolph (Adolar) Gottlieb Julius (Hans) Herre, German-born South African botanist (Anhalt-Dessau 07 April 1895 – Pretoria 16 January 1979)

Known internationally for his studies on succulent plants of South African flora

DESCRIBED NEW PLANTAE TAXA (Aizoaceae)

Genera

Arenifera 1948

Jensenobotrya 1951

Neo-aridaria 1971

Species

Crassula fusca 1953

Jensenobotrya lossowiana 1951

HONORS

Herreanthus Schwantes 1928 (Aizoaceae)

Adolfo Doering

February 27, 2024

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

Adolfo Doering, German-born Argentine geologist, chemist and zoologist (Neuwaake, Hannover 22 January 1848 – Capilla del Monte, Córdoba, Córdoba Province 19 February 1925)

Authored over 20 papers

Described the mineral species brackebuschite (1880)

DESCRIBED MOLLUSCA/BRACHIOPODA TAXA

Genera

Adelopoma 1885

Clessinia 1874

Epiphragmophora 1874

Lyrodes 1885

Plagiodontes 1875

Scolodonta 1874

Species

Agriolimax meridionalis 1875

Augochloropsis anesidora 1875

Austroborus cordillerae 1876

Bostryx conospirus 1879

Bostryx famatinus 1879

Bostryx peristomatus 1879

Bostryx tortoranus 1879

Bulimus dorbignii 1876

Bulimus lorentzianus 1876

Bulimulus centralis 1879

Bulimulus monticola 1879

Discoleus aguirrei 1884

Discoleus azulensis 1884

Epiphragmophora monographa 1878

Eudiptus avellanadae 1881

Eurycampta hidalgonis 1876

Helix hieronymi 1875

Helix tucumanensis 1878

Helix yocotulana 1875

Littoridina occidentalis 1884

Lyrodes guaranítica 1884

Naesiotus oxylabris 1879

Naesiotus centralis 1879

Odontostomus riojanus

Omalonyx patera 1873
Patula stelznerae 1876
Peronaeus calchaquinus 1879
Plagiodontes brackebuschi 1876
Plagiodontes rocae 1881
Plagiodontes strobilii 1876
Plagiodontes weyenberghii 1876
Scalarinella stelzneri 1875
Scolodonta semperi 1875
Spixia achalana 1876
Spixia aconjigasta 1876
Spixia berghi 1877
Spixia chanpaquiana 1876
Spixia martensii 1874
Spixia multispinata 1876
Spixia philippii 1874
Spixia popana 1876
Spixia profundidens 1874
Spixia pseudosextentata
Spixia pucarana 1874
Spixia reticulata 1876
Spixia riojana 1874
Spixia salinicola 1876
Spixia subsexdentata 1874
Spixia tumulorum 1874
Strophocheilus lorentzianus
Succinea rosarinensis

HONORS

Doeringiella Holmberg 1886 (Hymenoptera)
Doringina Ihering 1929 (Mollusca Gastropoda)

Adolfo Elias

February 27, 2024

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

Adolfo Ramón Elías Tallaferro, Argentine analytic chemist (Buenos Aires 07 August 1889 – Rosario 1968)

Sobre un procedimiento fotoquímico para la investigación de impresiones digitales. An. Asoc. Soc. Quim. Arg. 4:267-8, 1915

Um aparato para la determinación del tempo de coagulación de la sangre.

Hemoaglutinina del ricino. Su rápida caracterización en las tortas de oleaginosas

Investigación rápida y directa del bromato en el pan. An. Asoc. Quim. Arg. 30 (1942)

Los cilindros urinarios. Metodo a la tinta china para el examen de los sedimentos

Adolfo Ernst

February 27, 2024

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

Gustav Adolf Ernst, German-born Venezuelan ethnographer, archeologist, naturalist, explorer and geographer (Primkenau, Silesia 06 October 1832 – Caracas 12 August 1899)

Authored over 478 works on botany, zoology, ethnography, geography, philology, physical anthropology, paleontology and archeology

DESCRIBED PLANT TAXA

Genus

Libanothamnus 1870 (Asteraceae)

Species

Asagraea caracasana 1871

Bacopa braunii 1870

Chrysosplenium aulacocarpum 1874

Chusquea spencei 1872

Cissus hahniana 1876

Cissus paucidentata 1870

Cissus sexangularis 1870

Clethra confertifolia 1874

Declieuxia alfredi 1887

Eremolepis microcalyx 1887

Eupatorium heteroneurum 1928

Goodyera neglecta 1877

Hibiscus geminiflorus 1888

Libanothamnus neriifolius 1870

Lysipoma bourgoini 1887

Micranthemum pilosum 1874

Montanoa excelsa 1870

Neea anisophylla 1874

Spiracantha denticulata 1874

Tabebuia globiflora 1887

Vallesia hypoglauca 1870

SOME BIBLIOGRAPHY

Plantas interesantes de la flora caracasana (1870)

Diatomaceous earth from the Lake of Valencia, Caracas (1871)

Meteorology of Caracas, Venezuela, South America (1872)

Enumeración sistematica de las especies de moluscos hallados hasta ahora en los alrededores de Caracas y demás partes de la Republica (1876)

Estudios sobre la flora y fauna de Venezuela (1877)

Estudios sobre las deformaciones, enfermedades y enemigos del arbol de café en Venezuela (1878)

Memoria botanica sobre el embarbascar, ó sea, la pesca por medio de plantas venenosas (1881)

El carbón mineral en Venezuela (1883)

Die ethnographische Stellung der Guajiro-Indianer (1887)

Prähistorische und ethnographische gegenstände aus Venezuela (1888)

Über fischvergiftende pflanzen (1888)

Petroglyphen aus Venezuela (1889)

HONORS

Ernstia Jousseuame 1889 (Mollusca Gastropoda)

Ernstichthys Fernandez-Yepey 1953 (Pisces)

Adolfo Guzman Arenas

February 28, 2024

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

Adolfo Guzmán Arenas, Mexican computer scientist (Ixtaltepec, Oaxaca State 22 July 1943 –

Convert. Design of a language for symbol manipulation and its corresponding processor. Thesis (1965)

With R. Segovia. A parallel reconfigurable LISP machine (1976)

Decomposition of a visual scene. Into three-dimensional bodies. Proceed. AFIPS Fall Joint Comp. Conf. 33:291-04, 1968

With J. A. Alarcón. Diseño por computadora de fuentes de alimentación de corriente directa (1973)

Percepción remota a traves de computadoras: equipo, programas y aplicaciones (1975)

With D. Gómez. A digital model for three-dimensional surface representation, J. Geoprocess. 1:53-70, 1979

With E. Bribiesca. How to describe pure forms and how to measure differences in shapes using shape numbers (1980) (invented the form numbers that allow to describe any form or two-dimensional silhouette, and to measure the resemblance between two forms this way described)

A parallel heterarchical machine for high level language processing (1981) (the first computer in the world that processes in parallel and uses LISP as its main language)

With R. Barrera, A. Ginich & T. Radhakrishnan. Design of a high level language (L) for image processing (1981)

With G. Narvaez, L. Sheremetov, J. Martínez & A. Albornoz. The EVA Teleteaching Project – the concept and the first experience in the development of virtual learning spaces (1988)

Unified Step language (1991) (designed and built a visual language where the programs are expressed as directed networks to describe parallel process)

Diseño de un sistema general de seguimientos (1993)

With A. Garcia, G. Martínez Luna & G. Narvaez Esquer. Clasificación supervisada. Inducción de arboles de decisión. Algoritmo K-D (1998) (k-d trees)

With B. Beltrán Martínez, F. Martínez Trinidad & J. Ruiz Shulcloper. Clasitex++, una herramienta para el analisis de textos (1998) (program to finding the main themes in a Spanish text)

ANASIN, an intelligent analyzer-synthesizer for data mining (1999)

LIPS-based SSDL language (1999)

With A. Gelbukh & G. Sidorov. A method of describing document contents through topic selection (1999)

With A. Gelbukh & G. Sidorov. Simple method for hierarchical conceptual indexing of documents using relational data model (2002)

With V. Polo de Gyves. Bibliodigital Red para compartir información distribuida. Bol. Sist. Nac. Estad. Inform. Geogr. 1(1):73-80, 2005

With A.D. Cuevas. A language and algorithm for automatic merging of ontologies (2006)

A fuzzy clustering approach for finding similar documents using a novel similarity measure. Expert Syst. Appl. 33(3):600-5, 2007

With S. Levachkine. Hierarchy as a new data type for qualitative variables. Expert Syst. Appl. 32(3):899-10, 2007 (confusion theory)

With G. Martínez Luna. Antecumen. Prototipo de herramienta para el analisis con cubos en memoria principal (2008)

With E. Bribiesca & L.A. Martínez. Enclosing trees. Patt. Anal. Applic. 15(1):1-17, 2012 (a method for representing voxel-based objects by means of enclosing trees)

With J. Arellano-Verdejo, S. Godoy Calderón & R. Barrón Fernandez. Búsqueda eficiente del optimo numero de grupos en un conjunto de datos con un nuevo algoritmo evolutivo celular hibrido. Comp. Sist. 18(2), 2014

With J. Arellano-Verdejo, S. Godoy Calderón, F. Alonso Pecuna & M.A. Cruz Chavez. A new efficient entropy population-merging parallel model for evolutionary algorithms. Int. J. Comput. Intellig. System 10(1):1186, 2017

Adolfo Leandro Montes

March 9, 2024

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

Adolfo Leandro Montes Higuera, Argentine organic chemist and pharmacist (Buenos Aires 13 March 1913 – Florianópolis, Brazil 04 September 1977)

Recognized as an expert on essential oils and aromatic products

Authored *Analitica de los productos aromaticos* (1961) a volumous treatise about aromatic products

Developed and/or modified techniques

Developed a number of techniques specially for chromatography and ultraviolet spectrophotometry

With A.L. Gordillo. Chromatography of fatty acids: a semi micro method for determination of C-C acids. *Anales Soc. Cient. Arg.* 170:53, 1960

Los perfumes: nuevos metodos empleados en su estudio (1959)

With B.R. Cortina. Nuevo metodo para investigar tuyona en bebidas (1953)

Developed a rotating drum

Adolfo Martínez Palomo

March 9, 2024

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

Adolfo Martínez Palomo, Mexican experimental pathologist (Ciudad de Mexico 15 March 1941 –

Son of physician Manuel Martínez Baez

Authored over 200 papers and 5 books (about 9,000 citations)

Respected as world authority in intercellular junctions in epithelia (1970s) and amebiasis

ACHIEVEMENTS

First to show clearly the relationship between specific granules of cardiac auricle and the regulation of arterial pressure

The fine structure of the heart muscle cells with special reference to specific granules. Queen's University, Kingston, Canada. Master Thesis (1966)

Performed classical papers on adenovirus replication (1967-8)

Detailed the ultramicroscopic changes of cell cover and intercellular junctions and the surface of cancerous cells (1969-70)

Authored a classic paper on cell cover of normal and cancerous animal cells

The surface coats of animal cells. International Review of Cytology 29:29, 1970

Described transitional cells in dog heart

With J. Alanís & D. Benítez. Transitional cardiac cells of the conductive system of the dog heart. Distinguishing morphological and electrophysiological features. J. Cell Biology 47:1-17, 1970

First to demonstrate the existence of pathogenic and non-pathogenic *Entamoeba* sp.

Authored the important book the Biology of *Entamoeba histolytica* (1982)

With H. Aréchiga & A. Huberman discovered neurodepressing hormone that regulates the excitability of nervous system in Crustacea (1977)

Described the apparent association between varicella zoster virus and multiple sclerosis

With J. Sotelo, G. Ordoñez, B. Pineda et al. Varicella zoster virus in progressive forms of multiple sclerosis. Clin. Neurol. Neurosurg. 112(8):653-7, 2010

Papers in top-journals

With M. Rojkind. Increase in type I and type III colagens in human alcoholic liver cirrhosis. Proceed. Natl. Acad. Sci. 73(2):539-43, 1976

With D. Erlij. Structure of tight junctions in epithelia with different permeability. Proceed. Natl. Acad. Sci. 72(11):4487-91, 1975

With P.P. da Silva. Distribution of membrane particles and gap junctions in normal and transformed 3T₃ cells studied in situ, in suspension and treated with concavalin A. Proceed. Natl. Acad. Sci. 72(2):572-6, 1975

With P.P. da Silva. Induced redistribution of membrane particles, anionic sites and conA receptors in *Entamoeba histolytica*. Nature 249(5453):170-1, 1974

HONOURS

International Award for Scientific Research, Karger Society (1967)

LINKS

http://www.colegionacional.org.mx/SACSCMS/XStatic/colegionacional/docs/espanol/martinez_palomo.pdf (in Spanish)

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](#) 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)

Adolpho Carlos Lindenberg

March 6, 2024

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

Adolpho Carlos Lindenberg, Brazilian dermatologist (Cabo Frio, Rio de Janeiro 12 September 1872 – São Paulo 06 December 1944)

Identified *Leishmania brasiliensis* as etiologic agent of American cutaneous leishmaniasis (1909); this species was sent to Gaspar Vianna that described it

L'Ulcere de Bauru ou le Bouton d'Orient au Bresil. Comm. Prelim. Bull. Soc. Path. Exot. 2:252-4, 1909

Described *Nocardia brasiliensis*, etiologic agent of exogenous actinomycetoma

Un nouveau mycetoma. Arch. Parasitol. 13:265-82, 1909

Studied the action mechanism of chaulmoogra oil in leprosy treatment (1920s)

Perfected methods for leprosy treatment

Adolpho Ducke

February 27, 2024

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

Walter Adolpho Ducke, Austro-Hungarian-born Brazilian botanist, entomologist and ethnographer (Trieste, Italy 19 October 1876 – Fortaleza 05 January 1959)

Authored about 180 papers and monographs

DESCRIBED TAXA

Plants

Adiscanthis 1922 (Rutaceae)

Aguiaria 1935 (Bombacaceae)

Ampelozizyphus 1935 (Rhamnaceae)

Anomalocalyx 1932 (Euphorbiaceae)

Botryarrhena 1932 (Rubiaceae)

Bracteanthus 1930 (Monimiaceae)

Cedrelinga 1922 (Mimosaceae)

Chromolucuma 1925 (Sapotaceae)

Ctenardisia 1930 (Myrsinaceae)

Dendrosipanea 1935 (Rubiaceae)

Dinizia 1922 (Mimosaceae)

Dodecastigma 1932 (Euphorbiaceae)

Elaeophora 1925 (Euphorbiaceae)

Glycydendron 1922 (Euphorbiaceae)

Huberodendron 1935 (Bombacaceae)

Jacqueshuberia 1922 (Fabaceae)

Lacunaria 1925 (Ochnaceae)

Lecointea 1922 (Fabaceae)

Lepidocordia 1925 (Boraginaceae)

Lorostemon 1935 (Clusiaceae)

Nycticalanthus 1932 (Rutaceae)

Parachimarrhis 1922 (Rubiaceae)

Parahancornia 1922 (Apocynaceae)

Paramachaerium 1925 (Fabaceae)

Petaladenium 1938 (Fabaceae)

Podandrogynae 1930 (Capparaceae)

Polygonanthus 1932 (Anisophyllaceae)

Recordoxylon 1934 (Fabaceae)

Rinoreocarpus 1925 (Violaceae)

Striolaria 1945 (Rubiaceae)

Tovomitidium 1935 (Clusiaceae)

Vataireopsis 1932 (Fabaceae)

Species

762 new plant species

Hymenoptera Genera

Anthrenoides 1907

Gastrohalictus 1902

Gymnopolybia 1914

Halictanthrena 1907

Huberia 1907

Megacanthopus 1904

Metapolybia 1905

Microstigmus 1907

Monacanthocnemis 1905

Pachyosmia 1900

Parepeolus 1912

Protomeliturga 1912

Protonectarina 1910

Protopolybia 1905

Protosmia 1900

Pseudepyris 1902

Pseudochartergus 1905

Rhophitulus 1907

Stelopolybia 1910

Synoecoides 1905

Species

271 new Insect species

HONORS

Duckea Maguire 1958 (Rapateaceae)

Duckeanthus Fries 1934 (Annonaceae)

Duckeella Campos Porto & Brade 1940 (Orchidaceae)

Duckeodendron Kuhlmann 1925 (Solanaceae)

Ducklesia Cuatrecasas 1961 (Humiriaceae)

Duckemyia Kano & Souza Lopes 1969 (Diptera)

Duckecylaphus Carvalho 1982 (Hemiptera)

Duckeana Malaise 1944 (Hymenoptera)

Duckeia Costa Lima 1936 (Hymenoptera)

Duckeanthidium Moure & Hurd 1960 (Hymenoptera)

Subgenus *Duckeola* Moure 1944 (Hymenoptera)

Adolpho Hempel

February 29, 2024

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

Adolpho Hempel, US-born Brazilian agricultural entomologist (Canton, Illinois 10 April 1870 –São Paulo 04 November 1949)

World expert on Coccoidea Hemiptera

Authored 88 papers and notes

Developed a new method to combat sauba and other ants

Novo methodo para combater a saúva (*Atta sexdens* Fabr.) e outras formigas nocivas às plantas. Bol. Agric. Secr. Agric. Com. Obras Publ. 5(2):72-4, 1904

DESCRIBED NEW TAXA

Hemiptera

Genera

Alecanochiton 1921

Aleuronudus 1922

Apiococcus 1900

Canceraspis 1934

Ceraeurodicus 1922

Cryptokermes 1900

Diaspidistis 1900

Edwallia 1899

Luederwaldtiana 1923

Megalecanium 1920

Nealeurodicus 1923

Nealeyrodes 1923

Neocoelostoma 1932

Neolecanochiton 1932

Neoparlaspis 1934

Neotectococcus 1937

Octaleurodicus 1922

Pseudaleurodicus 1923

Pseudaleurobolus 1923

Pseudaleyrodes 1923

Pseudalichtensia 1928

Pseudischnaspis 1900

Pseudocapulinia 1932

Pseudotectococcus 1934

Pulvinella 1899

Stigmacoccus 1900

Tectococcus 1900

Species

More than 60

Others

New species of Water Rotifera and Protozoa (1896)

HONORS

Hempelia Vaz 1936 (Nematoda)

Adolpho Lutz

March 6, 2024

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

Adolpho Lutz, Brazilian physician, parasitologist and naturalist (Rio de Janeiro 18 December 1855 – Rio de Janeiro 06 October 1940)

Son of Swiss immigrants

Authored 245 publications

DISCOVERED

Sylvan malaria and sylvan yellow fever (1903)

South American blastomycosis or paracoccidioidomycosis or Lutz-Splendore-Almeida disease (1908)

Infantile acrodynia (1882-3; noticed in 1885)

Granulations in Hansen bacillus known as Lutz granulations (1886)

Water storing plants like *Freycinetia* sp. acted as habitat for small crustaceans and mollusks

The role of epiphytic Bromeliads as breeders of malaria transmitting mosquitoes

OTHERS

Proved that intake of *Ascaris lumbricoides* embryonated eggs as ascariasis cause independent from Grassi studies

Authored the first reports about pulmonary symptomatology in ascariasis

First described schizogonic cycle of hemogregarines in host lungs

Assigned the fleas as intermediate host of *Dipylidium caninum* (1887)

With Arning described juxtaarticular nodosities (1892) before Jeanselme (1912) know as Lutz-Jeanselme syndrome

Described the coccoid forms of Hansen bacillus (with P.G. Unna)

Clarified the life cycle of *Dermatobia cyaniventris*

Created the term enteritis to differentiate from dysentery (1891)

With A. Splendore described sporotrichosis pathogeny, pathology and symptomatology and discovered the feasibility to growing *Sporotrichium schenckii* in vitro and the first reported case of animal infection by sporotrichosis in Sobre uma micose observada em homens e ratos. Rev. Med. S. Paulo 21:433-50, 1907

First detailed reports about *Schistosoma mansoni* miracidium penetration in host mollusk (1917)

Introduced the thymol utilization in ancylostomiasis therapeutics

Proclaimed Sabouraud Agar medium employing tartaric acid

DEVELOPED

Egg enrichment method of *Schistosoma mansoni* in human stools (1919), rediscovered as Hoffman-Pons-Janer method in 1934

A counting method for *Ancylostoma* sp. eggs (1885), adopted by Looss and Leichtenstern

A device for keeping heated the microscope platinum in constant temperature

A new method of enclosing and preserving small objects for microscopic examination (1920)

A new suture method

A simple and practical method for treatment of empyema (1920)

An ingenious and simple process to transport blood

A loop suited to capture snakes (Lutz loop)

DESCRIBED TAXA

52 genera and many species in Diptera

7 genera in Trematoda

5 new scorpion species with O. De Mello

Dozens of new parasite protozoan species

Genus *Aplastodiscus* 1950 and 38 valid species in Amphibia

HONORS/EPONYMY

Only South American guest speaker in Bicentennial of the American Philosophical Society, Philadelphia, US

Medicine & Physiology Nobel Prize nominee (1938)

Lutz method (spontaneous sedimentation method)

Lutziola Strand 1932 (Diptera)

Lutzomiops Lane 1942 (Diptera)

Lutzomyia França 1927 (Diptera)

Lutzsimulium d'Andretta & d'Andretta 1947 (Diptera)

Lutztrema Travassos 1941 (Trematoda)

Lutznema Lent & Freitas 1934 (Nematoda)

Protolutzia Cunha & Muniz 1925 (Protozoa)

Lepidolutzia Rego Barros 1956 (Lepidoptera)

Subgenus *Lutzimicron* Costa Lima 1960 (Hymenoptera)

Subgenus *Lutzia* Theobald 1903 (Diptera)

Adrian Bengolea

February 25, 2024

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

Adrián Jacobo Bengolea Demaría, Argentine surgeon (Buenos Aires 27 October 1887 – Buenos Aires 15 July 1950)

CONTRIBUTIONS

First use of microscopic examination of probing extracted duodenal fluid for diagnosis of fascioliasis

With J. Bacigalupo & C. Velasco Suarez. Distomatosis por *Fasciola hepatica*. Arch. Argent. Enferm. Apar. Diges. Nutr. (1927)

Described Bengolea-Velasco Suarez sign for neoplastic obstruction and or compression of biliary ducts

With C. Velasco Suarez. La obstrucción biliar completa, signo de obstrucción o de compresión neoplasica de las vias biliares. Sem. Med. 45(2):1282, 1928

Una nueva tecnica para la cura radical de las hernias umbilicales del adulto. Rev. Asoc. Med. 27:23, 1917

With A. Negri. A conservative treatment for residual gallstones. Mem. Acad. Chir. 75(21-2):563-6, 1949

Papers published abroad

With S.D. Provenzano. Operative gynecology. Obst. Gyn. Survey 8(2), 1953

With A. Negri. Surgical treatment of chronic non-lithiasic cholecystitis. Lyon Chir. 44(6):673-8, 1949

With A. Negri. La maladie du cholédoque. Rev. Chir. 66:65-73, 1947

With C. Velasco Suarez & A. Negri. Difficulties in the roentgenological examination of the biliary tract. Amer. J. Roentgen. Radium Therapy 52(2):149, 1945

Radical resection of the oesophagus for carcinoma. Surg. Gynec. 29:413, 1929

Valeur comparative des operations pour fistules vésico-vaginales. Bull et Mem. Soc. Nat. Chir. 54:1027, 1928

Resultats obtenus par le tubage duodénale dans les ictères chirurgicaux. Rev. Chir. 26:918-22, 1928

With C. Velasco Suarez. Considérations médicales et chirurgicales sur les affections de la vesicule et des voies urinaires. Arch. Mal. Appar. Digestif 18:961-1020, 1928

With A. Zabala. Sur les blessures de l'hepato choledoque et de la maniere de les éviter. Lyon Chir. 21(3), 1924

Kommunikation zwischen Ovarialkystom und Flexura lienalis des Kolon (Dem.). Zentralbl. f. Gynak. 47:1440, 1923

With C. Velasco Suarez. Cholecystoduodenal fistula to biliary lithiasis

EPONYMY

Bengolea arterial clamp or haemostatic forceps

Zabala-Bengolea partial cholecystectomy (1923)

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

Phytocerum distinguishedum 1964 with Soares

Phytocerum 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 mœurs 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 mœurs 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 do Amaral

February 25, 2024

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

Afranio Pompilio Bastos do Amaral, Brazilian herpetologist (Belém 12 January 1894 – São Paulo 29 November 1982)

Gained world renown in herpetology and zoological nomenclature

Created the term solenotodont for a kind of maxillary dentition in snakes

Reported the first case of necrophilism among snakes in scientific literature

Sobre um caso de necrofilia heteróloga na jararaca. Bol. Biol. 1(1):1-2, 1933

DESCRIBED VALID REPTILIA TAXA

Genera

Leptodrymus 1927

Drymoluber 1929

Uromacerina 1929

Anotosaura 1932

Colobodactylus 1932

Lioheterophis 1934

Mastigodryas 1934

Calamodontophis 1936

Species

46

Subspecies

Bothrops neuwiedi bolivianus 1927

Crotalus durissus collilineatus 1926

Epicrates cenchria polylepis 1935

Erythrolamprus reginae macrosoma 1936

Liophis poecilogyrus amazonicus 1944

Mastigodryas bifossatus striatus 1931

Mastigodryas bifossatus triseriatus 1931

Spilotes pullatus argusiformis 1929

Spillotes pullatus maculatus 1929

Telescopus fallax cyprianus 1927 with Barbour

HONORS

Genus *Amaralia* Fowler 1954 (Pisces)

John Scott Award for preparation of antivenins (1927)

Invited Professor, Harvard University (1925-8)

Afranio Peixoto

April 16, 2024

[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 legitime, son origine et nature* (1905)

Novos rumos da medicina legal (1932)

Criminologia (1933)

Sexologia forense (1934)

AFRICA

February 25, 2024

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

Ahmed Abdel-Rassoul, Egyptian radiochemist (Alexandria March 1929 –

Developed analytical schemes based on nuclear activation

Francis Kofi Ampenyin Allotey, Ghanaian mathematical physicist (Saltpond, Mfantseman 09 August 1932 – Accra 02 November 2017)

First to introduce electron hole scattering resonances effect on soft x-ray spectroscopy known as Allotey formalism or principle

Proposed the use of carbon nanotubes as thermoelements for refrigeration

With S.Y. Mensah, N.G. Mensah & G. Nkrumah. Giant electrical power factor in single-walled chiral carbon nanotube. *Superlattices & Microstructures* 33 (3):173-80, 2003

HONOURS

Doctor Honoris Causa, Karlstad University, Sweden (2006)

Raphael Ernest Grail Armattoe, Ghanaian physician, anthropologist and writer (Keta, Volta Region 12 August 1913 – Hamburg 22 October 1953)

Invented many herbal medicines including the Abochi drug used to cure guinea worm disease

Physiology and Medicine Nobel Prize nominee (1948)

Mahmoud Ibrahim Attia, Egyptian geologist (Cairo 10 February 1900 – ?)

A new mode of occurrence of iron-ore deposits in the Eastern Desert of Egypt. *Bull. Inst. D'Egypt* 31:49-68, 1949

Frank C. Batchelor, South African plant grower (1899 – 1977)

Established the foundations of marketing protea cutflowers

First to cultivate the blushing bride (*Serruria florida*)

Owner of the first five protea cultivars recorded internationally (1974) such as *Protea* cv. Ivy and *Leucospermum* cv. Golden Star

Developed interspecific hybrid Mars (1969) and created the first deep red pincushions

Collected natural hybrids and use them for vegetative propagation for the first time

HONORS

Batcheloromyces Marasas, Van Wyk & Knox-Davies 1975 (Fungi)

Riad Abdel Latif Bayoumi, Sudanese geneticist and biochemist (02 February 1943 –

Authored over 70 research publications

Performed genetic mapping of Joubert syndrome, hereditary spastic paraplegia and multiple epiphyseal dysplasia

HONOURS

Visiting Scientist, Danish Medical Research Council of Copenhagen University Hospital for his work on cyto-adherence of malaria parasitized erythrocytes (1993)

Senior Visiting Scientist, World Health Organization for his work on use of recombinant DNA to study the genetic diversity of *Plasmodium falciparum* (1989)

Daniel Adzei Bekoe, Ghanaian crystallographer (Ga East District, Greater Accra Region 07 September 1928 – Accra 05 September 2020)

SOME BIBLIOGRAPHY

With R.A. Hulme. Structure of p-chlorobenzene iododichloride. *Nature* 177:1230, 1956

With K.N. Trueblood. The crystal structure of Tetracyanoethylene, *Z. Krist.* 113(1):1, 1960

With S.A. Adeoye. The molecular structure of *Cedrela odorata*. *Substance B. Chem. Comm.* 14:301-2, 1965

Alfred “Gogga” Brown, English-born South African paleontologist and archaeologist (Cirencester, Gloucestershire 26 April 1834 – Aliwal North District, Eastern Cape Province 29 June 1920)

Amassed thousands of fossil specimens and archaeological artifacts being at least 22 new species of reptile fossils and 7 new species of fossil fishes

500 specimens of fossil flora from Burgersdorp Formation

Amassed a huge collection of stone implements and excavated several caves

Honored in *Brownella* Broom 1913 (Fossil Reptilia)

www.s2a3.org.za/bio/Biograph_final.php?serial=383

Samson Gombe, Kenyan veterinarian (Seme, Kisumu District 05 November 1938 – 04 February 1989)

Published over 60 scientific papers

Demonstrated that many factors such as malnutrition, mineral deficiencies, adverse environmental and parasitic infections impair reproduction by damaging certain areas of brain

Turner Timinipre Isoun, Nigerian veterinary pathologist (Odi, Rivers State 02 September 1938 –

SOME BIBLIOGRAPHY

In vitro cultivation of *Trypanosoma vivax* isolated from cattle. *Nature* 251:513-4, 1974

The histopathology of experimental disease produced in mice infected with *Trypanosoma vivax*. *Acta tropica* 32(3):267-72, 1975

Pathologic and biochemical influences of a viral enteric infection in protein-calorie malnutrition in pigs. Thesis. Michigan State University (1970)

Kamoya Kimeu, Kenyan fossil hunter (Machakos 1938 –

Worked with the Leakey family

Discovered the first skeleton of a *Homo erectus* (1984)

Found the fossil remains of *Turkanapithecus kalakoensis* (1985) and *Australopithecus anamensis* (1994)

HONORS

Kamoyapithecus Leakey, Ungar & Walker 1995 (Fossil Mammalia)

René Labusquiere, French physician in Africa (Saint Laurent des Combes, Gironde 26 September 1919 – Paris 22 September 1977)

He was grandson of surgeon Jean Louis Faure and a relative of surgeon Paul Reclus

Developed techniques for diagnostics and treatment adapted to mass actions

Authored *Santé Rurale et Médecine Préventive en Afrique Noire* (1970)

Sulaiman Botsende Lagundoye, Nigerian radiologist (Owo 13 October 1935 –

Defined the radiological features of the abnormal hemoglobin disease

Radiological features of sickle-cell anaemia and related hemoglobinopathies. *Afr. J. Med. Sciences* 1:315, 1970

With A.M. Agunloye & A.O. Adeyinka. Assessment of diaphragmatic levels on plain chest radiograph – a new approach. *West Afr. J. Med.* 25(4):258-61, 2006

Louis Gottlieb Meyer, German-born South African missionary and collector (near Kleine Marpe, Dettmold 16 October 1867 – Stellenbosch September 1958)

Collected new species of plants and insects

Honored in genus *Meyerophytum* Schwantes 1927 (Aizoaceae)

His son, **Helmut Ernst Meyer**, horticulturalist (Komaggas, Namakwa District, Northern Cape Province 08 November 1908 – 1995)

First to successfully cultivate and grow *Disa uniflora* orchid species

Produced numerous selections and hybrids

Davidson Sylvester Hector Willoughby Nicol, Sierra Leonean diplomat, writer and physician (Freetown 14 September 1924 – Cambridge, United Kingdom 20 September 1994)

First to analyse the break down of insulin in the human body

With L.F. Smith. Amino-acid sequence of human insulin. *Nature* 187:483-5, 1960

The biological activity of pure peptides obtained by enzymatic hydrolysis of insulin. *Biochem. J.* 7:395-401, 1960

The biological activity of insulin derivatives. Biochem. Biophys. Acta 34:257-8, 1959

First African to be named fellow at either Cambridge or Oxford Universities (1957)

John Henry Whaits, English-born South African clergyman and fossil collector (Bristol 13 April 1870 – Mossel Bay, Western Cape 13 January 1947)

Collected new fossil species from South Africa

Collected most of the well-preserved skulls of the herbivorous family Endothiodontidae known t the time

With R. Broom authored On some new genera and species of dicynodont reptiles, with notes on a few others. Bull. AMNH 32 (1913)

HONORS

Moschowhaitsia Tatarinov 1963 (Fossil Reptilia)

Agesilau Antonio Bitancourt

February 26, 2024

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

Agesilau Antonio Bitancourt, Brazilian plant pathologist and mycologist (Manaus 06 June 1899 – São Paulo 17 June 1987)

ACHIEVEMENTS

Authored nearly 300 works

Proposed an equation for anthill growth

Expressão matemática do crescimento de formigueiros de *Atta sexdens rubropilosa* representada pelo aumento do número de olheiros. Arq. Inst. Biol. 12:229-36, 1941

Authored a formula

Theoretical distribution of lesions on leaves or fruits caused by insects and other animals or by infectious agents transmitted by vectors. Arq. Inst. Biol. 24(17):243-52, 1943

Described Citrus false exantema

With J.P. da Fonseca & M. Autuori. Manual de Citricultura (2nd part) 1933

Described zonate chlorosis in citrus

With H.S.V. Grillo. A chlorose zonada. Uma nova doença dos citruses. Arqu. Inst. Biol., 1934

With H.S. Fawcett suggested that citrus tristeza was a virus disease (1936)

Developed Bitancourt method for treatment of citrus tristeza

Developed starch test, the first index for citrus tristeza, an iodine test for starch accumulation above bud union and starch depletion below the bud union

Um teste para a identificação precoce da tristeza dos citruses. O Biológico 10(6):169-175, 1944.

Discovered coffee ringspot disease

A mancha anular, uma nova doença do cafeeiro. O Biológico 4:404-5, 1938.

Identified citrus leprosis as a virus disease (1940s) and suggested its transmission by mites (*Brevipalpus phoenicis*)

Described a new root disease of citrus

A doença do citruse no vale do Paraíba. O Biológico 6:268-9, 1940

First to isolate *Phytophthora cinnamoni* from citrus in the world

With H.S. Fawcett. Occurrence, pathogenicity, and temperature relations of *Phytophthora* species on Citrus in Brazil and other South American countries. Arch. Inst. Biol. 11:107-18, 1946

Described or co-described 112 new Fungi species

DESCRIBED PLANT DISEASES CAUSATIVE AGENT

Elsinoe arrudai with Jenkins

Elsinoe australis 1936 with Jenkins (Sweet Orange scab)

Elsinoe bertholetiae 1945

Elsinoe blechni 1955 with Jenkins

Elsinoe bochneri with Jenkins

Elsinoe brasiliensis 1940 with Jenkins (Superelongation disease of cassava)

Elsinoe caleae with Jenkins

Elsinoe caroli with Jenkins

Elsinoe chilensis 1945

Elsinoe costai with Jenkins

Elsinoe cryptostegiae 1941 with Jenkins

Elsinoe deslandesii

Elsinoe fawcetti 1936 with Jenkins (Sour Orange Scab)

Elsinoe heveae 1942 with Jenkins (Spotted Anthracnose of Hevea)

Elsinoe kramerii with Jenkins

Elsinoe lepagei 1941 with Jenkins

Elsinoe leucospila with Jenkins

Elsinoe mangiferae 1946 with Jenkins (Mango Scab)

Elsinoe pitangae (anthracnose of *Eugenia pitanga*)

Elsinoe ractii with Jenkins

Elsinoe rochalimai with Jenkins

Elsinoe theae 1939 (Foliar scab of tea)

Elsinoe uruguayensis 1945

Elsinoe venezuelensis 1945

Elsinoe verbenae with Jenkins

Sphaceloma psidii 1949 with Jenkins (Guava Spotted Anthracnose)

Sphaceloma papayae 1955 with Jenkins (Papaw scab)

Sphaceloma arachidis 1940 with Jenkins (Peanut Scab)

Sphaceloma spondialis 1942 with Jenkins (Ciriguela Scab)

Stomiopeltis citrii 1934 (Sooty blotch of citrus)

Setophoma sacchari 1938 (a leaf spot of sugar cane)

Sphaceloma bidentis 1950 (spot anthracnose)

Sphaceloma erythrinae 1950 (spot anthracnose of *Erythrina crista-galli*)

Sphaceloma hoveniae 1950 with Jenkins (spot anthracnose of *Hovenia dulcis*)

Sphaceloma terminaliae

Proposed storing specimens in herbaria with their distinctive patterns first keeping them in Drummond's solution and then drying them

Showed that indole acetic acid (IAA) must be oxidized and converted to a dimer named deuteriauxin in order to be active

Deuteriauxin, an active oxidation product of indolyl-3-acetic acid and its possible role in the mechanism of plant cell wall elongation. Nature (London) 200:548-52, 1963

Performed important studies about IAA, its metabolism and biosynthesis, physiological implications and involvement to plant cancer (1954-78)

With E.J. Hambleton discovered an efficient process in order to control of pink bollworm

Invented a special process to improve flavor of the coffee beverage

Papers in renowned reviews

With K. Schwarz. Paper chromatography of unstable substances. Science 126:607-8, 1955

Other Studies

Efeitos da fásca electrica sobre cafeeiros. O Biológico 17(3):41-9, 1959

OTHERS

Vice-president, First International Congress of Plant Pathology, London (1968)

Honorary Vice-president, International Congress of Botany, Edinburgh (1964) and Seattle (1969)

Member, International Committee on Virus Nomenclature

Invited to write the preface of 1978 Annual Review of Phytopathology, a honor reserved to leading authorities in the area

A sportsman he was Brazilian national diving champion

Agustín Andrade y Pastor

February 25, 2024

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

Agustín Andrade y Pastor, Mexican surgeon (Paris 03 May 1833 – Ciudad de Mexico 05 December 1886)

One of the first surgeons (if not the first) to use metal channeling of the posterior segment of the eye for the cure of retinal detachment

Designed some surgical instruments such as a trocar for puncturing retro-uterine abscesses (1882)

First to propose employing molar teeth as a mean for identifying people of Indian races (1864)

Agustin Ayala Castaños

February 25, 2024

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

Agustín Ayala-Castaños, Mexican micropaleontologist (Mazatlán, Sinaloa 28 August 1925 – 23 November 2005)

First to use satellite technology applied to marine geology

With F.B. Phleger. Processes and history of Terminos Lagoon, Mexico. Bull. Amer. Assoc. Petrol. Geol. 55(12):2130-40, 1971

DESCRIBED FOSSIL FORAMINIFERA TAXA

Species

Orbitoides villasensis 1963 with Seiglie

Orbitolina morelensis 1960

Reophax encantoensis 1954 with Eternod & Castello

Stomiosphaera cardiiformis 1962 with Seiglie

Sulcoperculina diazi 1963 with Seiglie

Sulcoperculina minima 1963 with Seiglie

Subspecies

Vaughnanina cubensis minor 1963 with Seiglie

Vaughnanina cubensis globosa 1963 with Seiglie

HONORS

Associated Researcher, Scripps Institute, USA (from 1968)

Doctor Honoris Causa, Université de Bordeaux (1988)

Life Member, Pacific Science and Technology Congress (PACON) 1992

Genus *Ayalaina* Seiglie 1960 (Fossil Foraminifera)

Agustín Domingo Marenzi

April 3, 2024

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

Agustín Domingo Marenzi Bula, Argentine biochemist and pharmacist (Buenos Aires 20 December 1900 – 1967)

Authored 265 publications

Adapted Pulfrich photometer to a number of quantitative techniques

Established that sulfoconjugation process is found in almost all organs and mainly in small intestine (1933-4)

DEVELOPED METHODS/TECHNIQUES

With R. Gerschman developed Gerschman-Marenzi method for studying changes in blood potassium concentration under distinct physiopathological conditions in *Anales Farm. Bioquim.* 3:107-11, 1932

Developed a new procedure for determination of choline

With C. E. Cardini. The colorimetric determination of choline. *J. Biol. Chem.* 147:363, 1943

Folin-Marenzi method and uric acid reagent

With O. Folin. An improved colorimetric method for the determination of cystine in proteins. *J. Biol. Chem.* 83:103-8, 1929

Microméthode permettant de déterminer la cystine des protéines. *Comp. Rend. Soc. Biol.* 104:405-7, 1930

With C.J. Gómez. A new simple and colorimetric method for the determination of fibrinogen. *Bull. Soc. Chem. Biol.* 33(3-4):409-12, 1951

With E.C. Cardini. Colorimetric micromethod for determining total and unsaturated fat acids of blood. *Rev. Soc. Arg. Biol.* 19:118-30, 1930

Marenzi-Banfi technique for determination of sulphates

Marenzi-Moglia-Villalonga technique for total proteins (1946)

Marenzi-Bragger colorimetric method for ketosteroids (1949)

Marenzi method for determination of total phenols (modification of Theis-Benedict method)

Modified Briggs method for determination of magnesium (1939)

Modified McCarthy-Sullivan method for determination of methionine

Modified Wintrobe technique for globular volume

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)

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

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

Cuencas geohidrográficas 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 Córdoba. Industria Minera 23, 1943

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

Resultados de las investigaciones geológicas en 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 República Argentina: sus correlaciones geológicas genéticas e importancia (1937)

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

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

Nota geológica sobre el borde sur de lago San Martín, territorio 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 magnesio. 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 Garaventa

February 28, 2024

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

Agustín Garaventa Hirtz, Chilean botanist (Limache, Marga Marga Province 07 November 1911 – Limache, Marga Marga Province 31 July 1981)

DESCRIBED PLANT TAXA

Alstroemeria ligtu f. *flavens* 1971

Alstroemeria pulchra f. *liliacina* 1971

HONORS

Garaventia Looser 1945 (Amaryllidaceae)

Agustín Roque

April 19, 2024

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

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

Developed Roque trichrome

Chromotope 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](https://neglectedscience.com/category/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-boricanas 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 Etnológicos 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 Khan Jamil

March 1, 2024

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

Ahmad Khan Jamil, Pakistani anaesthetist (Takht Bhai, Mardan District 12 May 1939 –

Non-kink catheter mount. Brit. J. Anaest. 46(8):628, 1974

A simple device for teaching controlled ventilation. Anaesthesia 29(5):605–6, 1974

Designed humeral epicondyle holder for use in orthopaedic surgery (1968)

Designed a simple device for blind tracheal intubation and pediatric endotracheal tube

Listed in Marquis International Who's Who

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 Amin Hamza

February 29, 2024

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

Ahmed Amin Hamza, Egyptian experimental physicist (Giza 08 March 1941 –

Authored over 130 original works

Regarded as one of the best world's experts on the field of optical interferometry of fibres

METHODS

A new method to measure the mean refractive indices and the birefringence of fibres of irregularly shaped transverse sections (1980)

A method for measuring the diameter of fibres by observing the diffraction pattern of a He-Ne laser beam incident perpendicular to the fiber axis (1980)

Built a system for colour matching on the basis of optical measurements (1975)

Extended the application of the Pluta microscope to measure the mean refractive indices and birefringence of fibres with irregular transverse section (1980)

A method to reconstruct the tridimensional dispersion profile

A novel simultaneous photoelastic and two-beam interferometric system

EXPRESSIONS/FORMULAE

Suggested a relation between the quantities of trace elements and their effect on the structural and mechanical properties of cotton fibres (1975)

Developed different theoretical formulae to modify the measurement accuracy of different types of optical fibers whose core has a graded index structure (1991)

Modified different expressions to measure the profile shape parameter and the core/cladding refractive index difference

Derived expressions to measure the refractive indices and birefringence using interference fringe shift in the fibre region (1984, 1986 and 1991)

Derived expressions to obtain the refractive index profile of optical and textile fibres (1991)

Derived a mathematical expression that relates the fringe shift at a point along the radius to the fibre geometrical distances (1992, 1994 & 1995)

DEVICES

Designed a device to help in studying the optomechanical properties of fibres (1987-8)

Designed an instrument used with the multiple-beam Fizeau system to stretch longitudinally textile fibres in order to study their opto-mechanical properties (1987)

A modified creep device (2010)

DETERMINED

The refractive index along the radius of a multilayer structure fibre using the distance method

The refractive indices and birefringence of fibres with irregular cross-section of multilayer structure fibres using the area enclosed under interference fringe shift

The index profile taking into consideration the area under the fringe shift

The refractive index profile considering the refraction of the incident beam inside the fiber

LINKS

<http://osp.mans.edu.eg/hamzaaa/english/Publications.htm> See <http://osp.mans.edu.eg/hamzaaa/english/Publications.htm>.

Ahmed Hassan Wahba

June 30, 2024

[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

Ahmet Can Ibrahim

February 29, 2024

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

Ahmet Can Ibrahim (Okay), Turkish geologist and paleontologist (Turkistan 1900 – 1981)

DESCRIBED FOSSIL SPORAE

Genera

Alatisporites 1933

Apiculatasporites 1933

Apiculatisporites 1933

Granulatisporites 1933

Laevigatisporites 1933

Laevigatosporites 1933

Monoletes 1944

Punctatasporites 1933

Punctatisporites 1933

Punctatosporites 1933

Reticulatasporites 1933

Reticulatisporites 1933

Setosisporites 1933

Tuberculatisporites 1933

Valvisporites 1933

Verrucosisporites 1933

Zonalasporites 1933

Zonalesporites 1933

Zonalosporites 1933

Species

67

HONORS (Fossil Pollen)

Ibrahimisporites Artüz 1957

Ibrahimipollenites Ergönül 1960

Canisporites Nakoman 1975

Okayisporites Agrali 1969

Ai-yun Dai

February 27, 2024

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

Ai-Yun Dai, Chinese carcinologist (Xuzhou, Jiangsu Province 06 February 1930 – 02 May 2005)

Authored about 100 publications

DESCRIBED CRUSTACEA GENERA

Acartiapotamon 1999

Aparapotamon 1985 with Chen

Apotamonautes 1993

Artopotamon 1985 with Chen

Bottapotamon 1997 with Tuerkay

Chinapotamon 1994 with Naiyanetr

Hainanpotamon 1995

Heterochelamon 1997 with Tuerkay

Lacunapotamon 1975 with Song, He, Cao, Zu & Zhong

Latopotamon 1997 with Tuerkay

Lophopotamon 1999

Mediapotamon 1997 with Tuerkay

Minpotamon 1997 with Tuerkay

Neilupotamon 1997 with Tuerkay

Neotiwariopotamon 1994 with Naiyanetr

Paracyclestheria 1987 with Shen

Pararanguna 1985 with Chen

Parapotamonoides 1990

Parvuspotamon 1995 with Bo

Qianpotamon 1995

Tenuilapotamon 1984

Trichopotamon 1985 with Chen

Vadosapotamon 1997 with Tuerkay

Xestopilumnus 1997 with Ng

Yarepotamon 1997 with Tuerkay

SPECIES

More than 200

HONORS

Daipotamon Ng & Trontelj 1996 (Crustacea)

Aida Hasson-Voloch

February 29, 2024

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

Aida Hasson Voloch, Jewish Brazilian biochemist and biophysicist (Rio de Janeiro 28 November 1922 – Teresópolis, Rio de Janeiro State October 2007)

His parents were born at Rhodes Island, Greece

Authored 78 papers dealing mainly with physical and chemical aspects of neuromuscular transmission

ACHIEVEMENTS

Authored a work about acetylcholine receptor

Curare and acetylcholine receptor substance. *Nature* 218:330-3, 1968

Identified Na-K-ATPase responsible for active transport of cationic ions Na and K in the cells of electric organ

With W. de Souza, R.D. Machado, C. Somlo & M. Benchimol. Localization of ATPases on the membranes of the electrolyte of *Electrophorus electricus* (L.). *Cell Tissue Res.* 185:115-28, 1977

With O.G. Hampe & C.V. Tondo. A biophysical model of lysozyme self-association. *Biophys. J.* 40(1):77-82, 1982

With N.L. Cunha e Silva & W. de Souza. Isolation of flagellum and characterization of the paraxial structure of *Herpetomonas megaseliae*. *J. Submicrosc. Cytol.* 16:705-13, 1984

With N.L. Cunha e Silva & W. de Souza. Isolation and characterization of a highly purified flagellar membrane fraction from trypanosomatids. *Mol. Biochem. Parasit.* 37:129-36, 1989

METHODS

Described two procedures for extracting monophenolic sympathomimetic amines

Estudos sobre aminas simpaticomimético (processo de extração e caracterização). *Anais Acad. Bras. Ciências* 29(1):27-38, 1957

With M. Bernardo Filho, B. Gutfillen & E.O. de Souza. Labelling of red blood cell with 99m technetium: a very simple kit. *Acta Med. Biol.* 40:129-31, 1992

With M. Bernardo Filho, B. Gutfillen, M.S. Canine & E.M. Boasquevisque. Selective splenic scintigraphy, a very simple technique. *Acta Med. Biol.* 40:133-6, 1992

Aimé Bonpland

February 26, 2024

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

Aimé Jacques Alexandre Goujaud Bonpland, French-born Argentine botanist (La Rochelle 22 August 1773 – Santa Ana, Misiones Province 04 May 1858)

DESCRIBED PLANT GENERA

Aegopogon 1806 (Poaceae) with Humboldt

Angelonia 1809 (Scrophulariaceae)

Bertholletia 1808 (Lecythidaceae)

Ceroxylon 1804 (Arecaceae)

Culcitium 1808 (Asteraceae)

Elyonurus 1806 (Poaceae) with Humboldt

Eriope 1833 (Lamiaceae) with Humboldt

Eudema 1813 (Brassicaceae)

Exostema 1807 (Rubiaceae)

Leucophyllum 1812 (Scrophulariaceae)

Lilaea 1808 (Juncaginaceae)

Limnocharis 1807 (Butomaceae)

Machaonia 1806 (Rubiaceae)

Marathrum 1806 (Podostemaceae)

Matisia 1805 (Bombacaceae)

Menodora 1812 (Oleaceae)

Platycarpum 1811 (Rubiaceae)

Pleopeltis 1810 (Pteridophyta) with Humboldt

Podopterus 1812 (Polygonaceae)

Polybotrya 1810 (Pteridophyta) with Humboldt

Retiniphyllum 1806 (Rubiaceae)

Saccellium 1806 (Boraginaceae)

Salpianthus 1807 (Nyctaginaceae)

HONORS

Bonplandia Cavanilles 1800 (Polemoniaceae)

Bomplandiella Spegazzini 1886 (Fungi)

Bonpland crater in Moon

Aklilu Lemma

March 6, 2024

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

Aklilu Lemma, Ethiopian physician (Giggiga, Harar Province 18 September 1934 – United States 05 April 1997)

Discovered that extracts from the fruit of endod or soapberry (*Phytolacca dodecandra*) act as a potent molluscicide (1964)

With H.H. Lee & P.C. Fraleigh patented Method of controlling zebra mussels with extract of *Phytolacca dodecandra*. US Patent 5252330 (1993)

HONORS

Visiting Professor, Department of International Health, Johns Hopkins University

Right Livelihood Award (1989)

Alaide Braga de Oliveira

April 9, 2024

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

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

With R. Batista, J.M. Miguel del Corral & A. San Feliciano. New oxidized ent-kaurane and ent-nor-kaurane derivatives from kaurenoic acid. J. Braz. Chem. Soc. 18:622-7, 2007

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 β -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 John Hesse

February 29, 2024

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

Albert John Hesse, South-African entomologist (Potchefstroom, Transvaal 04 November 1895 –Somerset West, Cape Town 11 November 1987)

DESCRIBED NEW TAXA

Diptera

Genera

Adelogenys 1938

Aetheotilus 1967

Agaperemius 1969

Amictogeron 1938

Anomaloptilus 1938

Arenomydas 1969

Atrichochira 1956

Cephalocerodes 1969

Ceratolaemis 1938

Chasmoneura 1938

Cheilohadrus 1938

Conomyza 1956

Crossoprosopus 1969

Doliogethes 1938

Epacmoides 1956

Euanthobates 1965

Françoisia 1952

Lachnocorynus 1969

Lepidochlanis 1938

Marleyimyia 1956

Namadytes 1969

Namamydas 1969

Namibimydas 1972

Neolaparopsis 1969

Nomoneuroides 1969

Nothomydas 1969

Notobates 1969

Notosyllogomydas 1969

Onchopelma 1938

Oreomydas 1969

Othniomyia 1938

Parectyphus 1972

Prorostoma 1956

Pseudoglabella 1967

Psiloderoides 1967

Pteraulacodes 1956

Vespiodes 1969

Xenoprosopa 1956

Xeramoeba 1956

Zinnomyia 1955

Species

591 species of Bombylidae Diptera

Hemiptera (1925)

Genera

Araneaster

Diazanus

Igora

Ikonza

Imbalara

Inkewana

Intandela

Letaba

Mafa

Migdilybs

Paraphlegyas

Tritavus

Coleoptera

Genera

Aneilobolus 1948

Psectes 1935

HONORS

Ahessea Greathead & Evenhius 2001 (Diptera)

Hesseodes Ardoïn 1963 (Coleoptera)

Hesseops Koch 1958 (Coleoptera)

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 suprarenal 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 vegetale et animale (1964)

Nouveaux catalogues des plantes médicinales malgaches (1972)

Les triterpenoides en chimie, physiologie vegetale et therapeutique

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

<http://www.madagate.com/monde-malgache/portrait/2790-madagascarn-limra-devient-la-fondation-albert-et-suzanne-rakoto-ratsimamanga.html>

Albert Stanley Muller

April 3, 2024

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

Albert Stanley Muller, US-born Latin American mycologist and plant pathologist (Ozone Park, New York State 11 July 1901 – 1983?)

With C.D. Chupp first to describe cassava leaf blight (1935)

With C.E. Chardón & J.H. Muller. *Phyllachora tropicalis* on guava. *Mycologia* 32(2):172-204, 1942 (first report)

With M.F. Barrus first to report potato smut (1943)

A foliar disease of legumes in Central America. *FAO Plant Protection Bull.* 1:83-4, 1953

With R. Schieber. A leaf blight of corn (*Zea mays*) incited by *Fusarium moniliforme*. *Phytopathology* 58:554, 1968

Described 62 new fungi species being 59 of them with C.D. Chupp

Alberto & Alda Falcao

February 28, 2024

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

Alda Lima Falcão, Brazilian medical entomologist (Aracati, Ceará State 27 March 1925 – Belo Horizonte 31 August 2019)

Authored about 100 works

With H. Bermudez, J.P. Dedet, A. Morales Alarcón, D. Feliciangeli, E.F. Rangel, C. Ferro de Carrasquilla, E.A.B. Galato, E.L. Gomez, E. Perez, I. Sherlock, M. Torrez, R. Vignes & M. Wolff. Proposition of a standard description for Phlebotominae sand flies *Parasitologia* 33(1):127-35, 1991

With H. Bermudez, J.P. Dedet, M. Duncan, A. Morales Alarcón et al. A programme for computer aided identification of Phlebotominae sandflies of the Americas (CIPA) – Presentation and check-list of American species. *Mem. Inst. Oswaldo Cruz* 88(2):221-30, 1993

DESCRIBED DIPTERA TAXA

Genus

Edentomyia 2003 with Galati, Andrade Filho & Silva

Living Species

Bichromomyia inornata 1965 with Martins & Silva

Brumptomyia ortizi 1971 with Martins & Silva

Deanemyia appendiculata 1961 with Martins & Silva

Deanemyia ramirezi 1982 with Martins, Silva & Miranda

Edentomyia piauiensis 2003 with Galati, Andrade Filho & Silva

Evandromyia gaucha 2007 with Andrade Filho & Souza

Evandromyia (Aldamyia) bacula 1965 with Martins & Silva

Evandromyia (Aldamyia) termitophila 1964 with Martins & Silva

Evandromyia (Barrettomyia) teratodes 1964 with Martins & Silva

Lutzomyia alencari 1962 with Martins & Souza

Lutzomyia borgmeieri 1972 with Martins & Silva

Lutzomyia (Castromyia) caligata 1965 with Martins & Silva

Lutzomyia dubia 1965 with Martins & Silva

Lutzomyia goiana 1962 with Martins & Silva

Lutzomyia ischnacantha 1962 with Martins, Souza & Silva

Lutzomyia ischyraacantha 1962 with Martins & Silva

Lutzomyia paulwilliamsi 1977 with Martins & Silva

Lutzomyia renei 1957 with Martins & Silva

Lutzomyia rugarupa 1976 with Martins & Silva

Lutzomyia (Tricholateralis) sherlocki 1971 with Martins & Silva

Lutzomyia souzalopesi 1970 with Martins & Silva

Lutzomyia (Tricholateralis) spathotrichia 1963 with Martins & Silva

Martinsmyia cipoensis 1964 with Martins & Silva

Martinsmyia oliveirai 1970 with Martins & Silva

Micropigomyia (Micropigomyia) mangabeirana 1963 with Martins & Silva

Micropigomyia (Micropigomyia) schreiberi 1975 with Martins & Silva

Micropigomyia (Sauromyia) capixaba 1987 with Martins, Silva & Dias

Micropigomyia (Sauromyia) pusilla 1986 with Dias, Martins & Silva

Micropigomyia (Silvamyia) acanthopharynx 1962 with Martins & Silva

Micropygomyia (Silvamyia) echinatopharynx 2004 with Andrade Filho, Galati & Andrade

Nyssomyia fraihai 1979 with Martins & Silva

Pintomyia (Pifanomyia) bianchigalatiae 1999 with Andrade Filho, Aguiar & Santos Dias

Pintomyia (Pifanomyia) torrealbai 1979 with Ordoñez & Martins

Psathyromyia (Forattiniella) abunaensis 1965 with Martins & Silva

Psathyromyia (Forattiniella) campograndensis 2001 with Oliveira, Andrade Filho & Brazil

Psathyromyia (Forattiniella) naftalekatzi 2000 with Andrade Filho, Almeida & Brandão Filho

Psathyromyia (Xiphopsathyromyia) hermanlenti 1970 with Martins & Silva

Trichophoromyia eurypyga 1963 with Martins & Silva

Trichopygomyia killickorum 2004 with Andrade Filho & Brazil

Trichopygomyia rondoniense 1965 with Martins & Silva

Fossil Species

Micropygomyia brandaoi 2008 with Andrade Filho & Galati

Pintomyia (Pifanomyia) brazilorum 2006 with Andrade Filho & Galati

Pintomyia (Pifanomyia) paleotrichia 2007 with Andrade Filho, Brazil & Galati

Pintomyia (Pifanomyia) paleotownsendi 2006 with Andrade Filho, Brazil & Galati

HONORS (Diptera)

Subgenus *Aldamyia* Galati 1995

Subgenus *Falcaomyia* Galati 1995

Her husband, Alberto Rocha Falcão, Brazilian medical entomologist (died Belo Horizonte 06 September 2017)

Developed Falcão light Trap

Um novo modelo de armadilha luminosa de sucção para pequenos insetos. Mem. Inst. Oswaldo Cruz 76:303-5, 1981

Alberto Arellano

February 25, 2024

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

Alberto Ricardo Arellano Valadez, Mexican paleontologist and stratigrapher (Aguascalientes 08 November 1908 – 1971)

SOME BIBLIOGRAPHY

With G.A. Cooper. Stratigraphy near Caborca, northwets Sonora, Mexico. AAPG Bulletin. 30(4):606-11, 1946

With Kirk Bryan. Datos geológicos sobre la antigüedad Del hombre em La cuenca de Mejico. Memoria del 2ndo Congresso Mexicano de Ciências Sociais. Tomo V, 1946.

El elefante fosil de Tepexpam (Tepexpan) y El hombre primitivo. Ver. Mexicana de Estudios Antropologicos. 8(1-3); 1946.

La composición de las rocas vulcanicas em la parte sur de la cuenca de Mejico. Bol. Soc. Geol. Mexicana 13(1):81-2, 1948.

With Florencia Müller. La Cueva Encantada de Chimacatlán, Morelos. Boletín de La Soc. Mexicana de Geografia y Estadistica, 1948.

Research on the continental Neogene of Mexico. American J. Science 249:604-16, 1951.

Some new aspects of the Tepexpan man case. Texas Archeol. Paleont. Soc. Bull. 22:217-224, 1951

El hallazgo de mamiferos del Cenozoico inferior en el conglomerado rojo del Guanajuato. Bol. Asoc. Mex. Geol. Petrol. 4(1-2): 63-4, 1952.

Barrilaco Pedocal, a stratigraphical marker, ca 5000 BC its climactic significance. Congr. Geol. Intern. Comptes Rendus 19 Session, Sect. VII, Fasc. VII: 53-76, 1953.

Relaciones del Cambrico de Caborca, especialmente con la base del Paleozoico: El Sistema Cambrico, su paleogeografía y El problema de su base. Symp. 20th Intern. Geol. Congr. Part 2:509, 1956.

HONORS

Arellanella Lochman 1948 (Trilobite)

Alberto Betim Paes Leme

February 26, 2024

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

Alberto Betim Paes Leme, Brazilian geologist and mineralogist (Rio de Janeiro 15 November 1883 – Rio de Janeiro 01 July 1938)

Authored 34 scientific works

First to describe total energy technique, a spectrographic technique used traditionally in mineral analysis (1918)

Sur un nouveau procédé d'analyse quantitative. Comptes Rendus Hebd. Seances Acad. Sciences 166:466-7, 1918

Procédé cinématique d'analyse spectrale quantitative appliqué aux minéraux. Boletim Museu Nacional 9(3):53-104, 1933

SOME BIBLIOGRAPHY

Historia física da Terra – vista por que a estudou no Brasil (1943)

O tectonismo da Serra do Mar. A hipótese de uma remodelação terciária. Anais Acad. Bras. Ciencias 3:143, 1930

Etat des connaissances géologiques sur le Bresil (Rapport avec la theorie de Wegener sur la derive des continents). Bull. Soc. Geol. France 4 ser. 29:35-87, 1929

Um fóssil permo-carbonífero no Parana-Panama. Bol. Mus. Nac. Rio de Janeiro 3:47-8, 1927

Estudo industrial das plantas têxteis nativas e cultivadas no Brasil (1926)

Evolução da estrutura da Terra e geologia do Brazil (1924)

A gênese do linhito do norte de São Paulo (1924)

Notas geológicas sobre o maciço do Itatiaya. Bol. Mus. Nac. 1(1):31-4, 1923

Indícios de existência de petróleo em São Paulo. Rev. Ciencias Rio de Janeiro 6:10-1, 1922

Notas sobre a geologia do Ceará. Rev. Ciencias Rio de Janeiro 4:150-2, 1920

With G. Tammann, M. Siegbahn et al. Spektralanalyse. Fresenius Zeitschr. f. Anal. Chemie 58:354-6, 1919

Synthese geológica do Brasil. Arch. Museu Nacional Rio de Janeiro 22:31-86, 1919

Analyse espectral aplicada a mineralogia (1919)

Sobre a formação de linhito de Caçapava (1918)

Sur um gisement d'euxenite au Brésil. Comptes Rendus Acad. Sciences 161:177-9, 1915

Les zeolites du Rio do Peixe (Brésil). Comptes Rendus de l'Acad. Sciences 158:416-8, 1914

Os gneiss do Rio de Janeiro (1912)

MEMBERSHIP/HONOURS

Elected Member, Société Géologique de France (1912)

Doctor Honoris Causa, Academie des Sciences of Université de Paris (Sorbonne)

Alberto Boerger

February 26, 2024

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

Alberto Carlos Boerger, German-born Uruguayan plant breeder (Foerde, Grevenbrück, Westphalia 04 November 1881 – Colonia del Sacramento 28 March 1957)

Developed Avena 1095a, a variety of oat

DEVELOPED NEW WHEAT VARIETIES

Americano 25e, 26n, 44d or Universal II, 25 c & Pelón 33c (1918)

Artigas (1924)

Porvenir, Renacimiento & Centenario (1933)

Litoral 1 & 2, Precoz, Multiplicación 11 & 14

BIBLIOGRAPHY/CONTRIBUTIONS

Adaptación de *Trifolium subterraneum* al ambiente productivo del Uruguay (1952)

Adaptación de variedades uruguayas de *Triticum vulgare* (Vill.) a las exigencias de un periodo de siembra dilatado (1938)

Observaciones sobre agricultura. Quince años de trabajos fitotécnicos en el Uruguay (1928)

Orientation a donner aux methodes de reproduction dans le but de sauvegarder les races locales (1927)

Alberto Brenes

February 26, 2024

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

Alberto Manuel de Jesus Brenes Mora, Costa Rican botanist (San Ramón de Alajuela 02 September 1870 – San Ramón de Alajuela 28 May 1948)

Discovered, collected and sent over 71 new plant and fungi species from Costa Rica flora that were described by other researchers

HONORS

Genus *Brenesiella* Sydow 1929 (Fungi)

At least 19 species bears his name

Alberto Breyer

February 26, 2024

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

Alberto Breyer, Argentine entomologist (Buenos Aires 24 March 1890 – Buenos Aires 12 February 1963)

Authored over 40 works

Described two Lepidoptera genera *Sellota* 1957 and *Tessella* 1957

HONORS

Breyeriana Orfila 1957 (Lepidoptera)

Alberto Carcelles

February 26, 2024

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

Alberto R. Carcelles, Argentine malacologist (Buenos Aires 18 July 1897 – Alta Gracia, Cordoba Province 23 January 1977)

DESCRIBED MOLLUSCA TAXA

Adelphotectonica uruguayana 1953

Cancilla larranagai 1947

Fuegotrophon amettei 1946

Fusinus frenguelli 1953

Minicymbiola corderoi 1953

Phalium iheringi 1953

Pleurotomella aguayoi 1953

Provocator corderoi 1947

Semicassis labiata iheringi 1953

Solariella patriae 1953

Terebra doellojuradoi 1953

Trophon clenchi 1953

HONORS

Subgenus *Carcellesia* Perez Farfante 1952 (Mollusca Gastropoda)

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 Sabattini & Pagani

Araucanites 1976 with Westermann

*Bonarellicer*as 2005 with Medina

Chondromileia 1979 with Westermann

*Gerthicer*as 1982 with Westermann

Jeletzkyites 1983

Koloceras 1987 with Aguirre Ureta

Piatnitzkyceras 2005 with Medina

*Pseudoneuquenicer*as 1991 with Westermann

Pseudoteudopsis 2016

Puchenquia 1972 with Westermann

*Sobralicer*as 2006 with Medina

Stehnocephalites 1989 with Westermann & Elmi

*Stolleyicer*as 2005 with Medina

Sueroceras 1974 with Sabattini

Tuberosciponoceras 2007 with Medina

*Westermannicer*as 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](https://neglectedscience.com/category/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 Ciania

February 26, 2024

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

Alberto Osvaldo Ciania Rochon, Argentine ophthalmologist (Puán, Buenos Aires Province 26 January 1924 –

Described Ciania syndrome

La esotropia con limitación de la abducción en el lactante. Arch. Oftalm. Buenos Aires 26:207, 1962

La esotropia em la lactante, diagnóstico y tratamiento. Arch. Chil. Ophth. 9:117, 1962

TECHNIQUES/OTHERS

Proposed recession of the superior oblique muscles to correct A patterns of up to 35 PD, a technique used universally

With J. Prieto Díaz. Retroceso del oblicuo superior (1970)

A technique for en Z elongation of upper oblique tendon (1977)

With N. Melek. A new treatment of anomalous correspondence in intermittent exotropias. Arch. Oftalm. Buenos Aires 44(5):108-19, 1969

With H.A. Garcia, J.R. Lavin & N. Massimino. A new and practical model transducer fórceps for measurement of active and passive forces in eyes movements. Binoc. Vis. 2:69-76, 1987

Alberto Coy Otero

February 26, 2024

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

Alberto Jesús Coy Otero, Cuban helminthologist (13 November 1942 – 28 November 2002)

DESCRIBED HELMINTH TAXA

Genera

Blaberinema 1988 with Garcia

Carnoyachaeta 1995 with Garcia & Alvarez

Freitasia 1968 with Barus

Jibacoa 1993 with Garcia & Alvarez

Turquinella 1989

Typhlopsia 1978 with Barus

Species

Abbreviata bahamensis 1990 with Moravec & Barus

Abbreviata baracoa 1966 with Barus

Aoruroides rosario 1993 with Garcia & Alvarez

Aoruroides travassosi 1993 with Garcia & Alvarez

Aorurus fontenlai 1998 with Garcia & Ventosa

Aorurus guantanamo 1998 with Garcia & Ventosa

Aplectana rysavyi 1969 with Barus

Blaberinema lacrimosus 1998 with Garcia

Carnoya cubitas 1998 with Garcia & Ventosa

Carnoya haiti 2001 with Garcia & Alvarez

Carnoyachaeta singularis 1995 with Garcia & Alvarez

Chiorchis groshafti 1989

Clementeia ariguanabo 1993 with Garcia & Alvarez

Coyinema poeyi 1993 with Garcia & Alvarez

Freitasia teixeraii 1968 with Barus

Haematoloechus viguerasi 1982 with Martínez & Ventosa

Heth hispaniolae 2001 with Garcia & Ventosa

Heth pinnatum 1995 with Garcia

Heth poeyi 1993 with Garcia & Alvarez

Hystriognathus pinarensis 1990

Ichthyocephalus alayoi 2001 with Garcia & Ventosa

Ichthyocephalus anafe 1996 with Garcia

Ichthyocephalus cubensis 1993 with Garcia & Alvarez

Ichthyocephalus guaniguanico 1999 with Garcia

Ichthyocephalus spinosus 1995 with Garcia

Jibacoa cubensis 1993 with Garcia & Alvarez

Jibacoa habana 1995 with Garcia & Alvarez
Kalicephalus alsophisi 1966 with Barus
Leidynema chitwoodii 1998 with Ventosa & Garcia
Longior alius 1994 with Garcia
Longior zayasi 1993 with Garcia & Alvarez
Oswaldocruzia anolisi 1968 with Barus
Paraichthyocephalus klossae 1993 with Garcia & Alvarez
Parapharyngodon cubensis 1969 with Barus
Pellecitus barusi 1982
Rhabdochona cubensis 1987 with Moravec
Rhabdochona problematica 1987 with Moravec
Rhigonema piedralavela 1998 with Garcia & Ventosa
Robertia longicauda 1995 with Garcia & Alvarez
Salesia cubana 1995 with Garcia
Severianoia emelinae 2001 with Garcia & Ventosa
Severianoia escambray 1995 with Garcia
Severianoia parvula 1995 with Garcia
Severianoia parvula 1995 with Garcia
Severianoia vitta 1994 with Garcia
Skrjabinodon cricosauriae 1974 with Barus
Spauligodon antillarum 1974 with Barus
Terranova caballeroi 1966 with Barus
Thelandros cubensis 1966 with Barus
Thelastoma bivalvula 1995 with Garcia & Alvarez
Thelastoma simplex 1995 with Garcia & Alvarez
Trichospirura teixeirai 1968 with Barus
Turquinella cubensis 1989
Typhlopsia kratochvili 1978 with Barus

HONORS

Coyinema Morffe & García 2011 (Nematoda)

Alberto Gonzalez Domínguez

February 28, 2024

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

Alberto Gonzalez Dominguez, Argentine mathematician and physicist (Buenos Aires 11 April 1904 – Buenos Aires 14 September 1982)

Invented analytical regularization method

With J.J. Giambiagi & C.G. Bollini. Analytic regularization and the divergence of quantum fields theories. Nuovo Cimento 31:550-61, 1964

CONTRIBUTIONS/BIBLIOGRAPHY

Generalizaciones matriciales de un teorema de Smirnov. Rev. Un. Mat. Arg. 30 (1981)

A canonical exponential representation formula for normal impedance matrices (1977)

Generalización distribucional de una formula de Bochner (1972)

Solución elemental del operador n-dimensional de Klein-Gordon (1969)

On some canonical factorization formulae for scattering matrices with applications to circuit synthesis. Illin. J. Math. (1968)

Generalizaciones del teorema de Bochner. Rev. Un. Mat. Arg. 23 (1965)

A factorization theorem for scattering matrices. Proc. Intern. Congr. Mathem. (1962)

Una representación exponencial de las impedancias. Rev. Un. Mat. Arg. 19, (1961)

Un método general de síntesis de circuitos lineales no disipativos no recíprocos de matriz de dispersión prefijada. Rev. Un. Mat. Arg. 19 (1960)

Generalización para operadores de la fórmula de Privalov. Rev. Un. Mat. Arg. (1952)

Criterios de estabilidad para circuitos lineales. Rev. Un. Mat. Arg. 15 (1951)

Sobre un método de síntesis de circuitos. Rev. Un. Mat. Arg. (1948)

Um metodo general para síntesis de impedâncias. Rev. Un. Mat. Arg. (1948)

Un método para síntesis de impedância. Mathem. Notae (1947)

Condiciones necesarias y suficientes para que una función sea una integral de Fourier (1941)

Some theorems on the Hermite kernel. Bull. Amer. Math. Soc. (1940)

Un nuevo teorema limite del calculo de probabilidade. Doctoral Thesis (1939)

Condiciones necesarias y suficientes para que una función sea una integral de Laplace (1938)

Generalización de um teorema de Cantelli. Rev. Un. Mat. Arg. 1, 1937

Uma nueva demostración del segundo teorema limite del calculo de probabilidades. Rev. Un. Mat. Arg. (1937) & Comp. Rend. Acad. Sci. Paris (1936)

OTHER IMPORTANT WORKS

Sobre el transitorio de filtros. Rev. Un. Mat. Arg. (1949)

Sobre la inversión de integrales de Laplace absolutamente convergentes. Rev. Un. Mat. Arg. (1938)

Sobre las series de funciones de Hermite. Rev. Un. Mat. Arg. 2, (1938)

Sur les intégrales de Laplace. Comp. Rend. Acad. Sci. Paris (1937)

See complete curriculum vitae in

<http://gonzalezdominguez.com.ar/cveng.htm>

<http://www.gonzalezdominguez.com.ar/cvenglish.doc>

Alberto Hurtado Abadía

February 29, 2024

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

Alberto Hurtado Abadía, Peruvian physiologist (Lima 29 August 1901 – Lima 01 November 1983)

Authored over 300 works

First described high altitude acute pulmonary edema known (HAPE or Hurtado disease) in Physiological and Pathological Aspects of Life at High Altitudes (1937)

Pointed out that hypoventilation of one suffering sickness mountain was due to a minor sensibility of respiratory center to carbon dioxide

With H. Aste Salazar showed a minor affinity of hemoglobin to oxygen in hypoxic environment (1944)

HONORS

Houssay Prize, OAS (1972)

Alberto Inclán Costa

February 29, 2024

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

Alberto Francisco Inclán y Costa, Cuban orthopedic surgeon (La Habana 10 October 1890 – La Habana 11 January 1965)

Described a new method for treatment of fractures of femoral diaphysis

El tratamiento conservador de las fracturas de la diáfisis femoral en parangón con el tratamiento quirúrgico de las mismas (1921)

Developed new apparatuses for treatment of fractures

Un aparato mecanico para la reducción de las fracturas del antebrazo (1922)

Tratamiento de las fracturas de la tuberosidad del húmero (1921)

Employed original types of heterologous bone sheets

El tratamiento sangrante de las fracturas simples diafisarias (1922)

Created bone bank (1938)

Developed refrigeration preserved bone graft and Inclán technique for bone refrigeration

Developed method for employing frozen bone tissue grafts for replacing bones or filling cavities

The use of preserved bone graft in orthopedic surgery. J. Bone Joint Surg. Am. 24:81-96, 1942

Developed Inclán modification of Ober operation for congenital elevation of the scapula (1949)

Improved a number of surgical techniques

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 biternata 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)

Alberto Juan Solari

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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 Leopoldo Barton Thompson

February 26, 2024

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

Alberto Leopoldo Barton Thompson, Peruvian bacteriologist of English ancestry (Buenos Aires 18 July 1870 – Lima 25 October 1950)

Discovered etiological agent of Carrion disease or Oroya fever in 1905 but published in 1909. Strong et al. confirmed his finding and named the genus *Bartonella* in his honor.

Descripción de elementos endo-globulares hallados en los enfermos de fiebre de verruga. *Cronica Medica* 26:7-10, 1909.

SOME BIBLIOGRAPHY

La plaga de los cicales del Departamento de La Libertad. *Mem. Est. Exp. La Molina* (1929)

La lucha contra el paludismo (1927)

Disenteria bacilar. *Cron. Med. Lima* (1915)

Un caso de distomatosis pulmonar contraida en el Peru. *Cron. Med.* 27:142-4, 1910

Alberto Loefgren

March 6, 2024

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

Johan Albert Constantin Loefgren, Swedish-born Brazilian naturalist (Stockholm 11 September 1854 – Rio de Janeiro 30 August 1918)

DESCRIBED VALID SPECIES

Plantae

Acianthera cryptophoranthoides 1918

Anathallis adenochila 1918

Anathallis simpliciglossa 1918

Anathallis tigridentis 1918

Begonia juliana

Brasiliorchis barbosae 1918

Pleurothallis atroglossa 1918

Pleurothallis glandulifera 1915

Pleurothallis leucosepala 1918

Pleurothallis magnicalcarata 1918

Rhipsalis campos-portoana 1918

Rhipsalis chrysantha 1915

Rhipsalis chrysocarpa 1915

Rhipsalis crispimarginata 1918

Rhipsalis densiareolata 1918

Rhipsalis oblonga 1918

Rhipsalis pacheco-leonis 1918

Rhipsalis pilocarpa 1903

Rhipsalis pulchra 1915

Rhipsalis rigida 1915

Schlumbergera candida 1918

Schlumbergera opuntoides 1903 with Dusén

Zygocactus obtusangulus 1918

Algae

Staurostrum psilosporum 1883 with Nordstedt (Charophyta)

HONORS

Loefgrenia Gomont 1896 (Cyanophyceae)

Loefgrenianthus Hoehne 1927 (Orchidaceae)

Loefgrenia Travassos 1920 (Nematoda)

Alberto Pedro Calderón

February 26, 2024

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

Alberto Pedro Calderón Cores, US / Argentine mathematician (Mendoza 14 September 1920 – Chicago 16 April 1998)

Authored about 80 papers

With Antoni Zygmund formulated the singular integrals and invented techniques that became standard tools in harmonic analysis

Created pseudodifferential calculus

Introduced Lipschitz spaces and parabolic H_p spaces

Introduced the inverse conductivity problem

With Aronszajn & Smith introduced Bessel potential operators

First to obtain general theorems of unicity for equations systems in partial derivatives

With C.P. Calderón. A representation formula and its applications to singular integrals

With R. Panzone developed the theory of Banach space valued singular integrals

With A.I. Benedek & R. Panzone. Convolution operators on Banach space valued functions. *Proceed. Natl. Acad. Sci. USA* 48:356-65, 1962

HONORS

Wolf Prize in Mathematics (1989)

National Medal of Science, United States (1992)

Invited Lecturer, International Congress of Mathematicians (1950, 1966 & 1978)

EPONYMY

Calderón-Zygmund singular integrals

Calderón-Zygmund decomposition

Calderón-Zygmund operators

Calderón-Zygmund kernel

Calderón-Zygmund lemma

Calderón-Zygmund inequalities

Arens-Calderón lemma

Shilov-Arens-Calderón theorem

Calderón-Toeplitz operator

Calderón couples

Calderón condition

Calderón maximal operator

Calderón product

Calderón projector

Calderón reproducing formula for characterizing wavelets

Calderón extension theorem

Calderón-Vaillancourt theorem

Benedek-Calderón-Panzone principle

Multiplier theorem of Benedek-Calderón-Panzone

Calderón unicity theorem for Cauchy problem (1958)

Calderón-Hardy spaces

Alberto Prosén

April 16, 2024

[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 Ribeiro Lamago

March 6, 2024

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

Alberto Ribeiro Lamago, Brazilian geologist and geographer (Campos dos Goytacazes, Rio de Janeiro State 09 April 1896 – Rio de Janeiro 16 October 1985)

Introduced the concept of Brazilic diastrophism, a pre-laurentian diastrophism with intrusions of microcline-biotite-granite

Proposed the term proto-gneiss for semi-phacoidal plagioclase-gneiss of Engenho Novo type

Proposed that the main types of gneisses came from a primitive rock that named protogneis

A Theoria do Protogneis. Uma interpretação petrogenética do Arqueano. Bol. Serv. Geol. Miner. 86, 1937

SOME BIBLIOGRAPHY

Contribuição a Geologia do Valle do Rio Grande, Minas Geraes. Bol. Serv. Min. Brazil 70, 1933

O massiço do Itatiaya e regiões circundantes (1936)

Escarpas do Rio de Janeiro. Bol. Serv. Geol. Miner. 93, 1938

Marmores do Muriaé, Rio de Janeiro. Bol. Serv. Geol. Miner. 97, 1940

A Bacia de Campos na Geologia Litorânea do Petróleo (1944)

A Geologia de Niterói na tectônica da Guanabara (1945)

Ciclo evolutivo das lagunas fluminenses. Bol. Div. Geol. Miner. Dept. Nac. Prod. Min. 118:1-48, 1945

Análise tectônica e morfológica do sistema da Mantiqueira (1946)

Geologia das folhas de Campos, São Tomé, Lagoa Feia e Xexé (1955)

HONORS

Vice-president, Commission of International Geological Chart

Vice-president, International Union of Geological Sciences

Genus *Lamagoia* Paula Couto 1952 (Fossil Mammalia)

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 balloons, 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 balloons (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](#) 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](#) 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>.

Alceu Lemos de Castro

February 26, 2024

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

Alceu Lemos de Castro, Brazilian carcinologist (Rio de Janeiro 13 November 1920 – Rio de Janeiro 27 September 1988)

DESCRIBED CRUSTACEA TAXA

Family

Pudeoniscidae 1973

Genera

Amazoniscus 1967

Benthanoides 1958

Benthanoscia 1958

Brasiloniscus 1973

Fritzianira 1977 (with Brasil Lima)

Hemicepon 1980 (with Brasil Lima)

Hileioniscus 1967

Microsphaeroniscus 1985

Paracymothoa 1955

Parischioscia 1967

Species

At least 75

Described a dermapteran species *Spongiphora moreirai* 1947 with Machado

HONORS

Castrione Brasil Lima 1980 (Crustacea)

Alcides Carvalho

February 26, 2024

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

Alcides Carvalho, Brazilian agronomist and plant geneticist (Piracicaba, São Paulo State 20 September 1913 – Campinas, São Paulo State 18 April 1993)

ACHIEVEMENTS

Published 272 scientific papers about *Coffea* sp.

Studied genetic improvement of coffee plant, developed varieties with more productivity in various environments and resistant to agricultural pests

With M.N. Rhoades. A função e a estrutura dos plastídeos das células parenquimatosas que envolvem os feixes vasculares da folha do milho. *Bragantia* 6:189-202, 1946

With C.A. Krug, J.E.T. Mendes & A. Carvalho. A new type of coffee. *Bragantia* 10(1):11-25, 1950

With C. A. Krug & J.E.T. Mendes found many new varieties of coffee plants

With C. A. Krug & J.E.T. Mendes performed the main researches concerning to coffee plant genetics in the world

Proposed a new grouping of species from *Eucoffea* section

With L.C. Monaco. Genetic relationships of selected *Coffea* species. *Cien. Cult.* 19:151-65, 1967

Papers in Nature

With C.A. Krug. Genetical proof of existence of coffee endosperm. *Nature* 144 (3646):515, 1939

Linkage in *Coffea arabica*. *Nature* 189 (4765):685-6, 1961

With J.S. Tango & L.C. Monaco. Genetic control of caffeine content of coffee. *Nature* 205:314, 1965

DEVELOPED COFFEE VARIETIES (65)

Mundo Novo (1952)

Acaíá (1960s)

Catuai Vermelho & Catuai Amarelo (1972)

Caturra Vermelho & Caturra Amarelo

Icatu vermelho, Icatu amarelo & Icatu precoce (1992)

Bourbon Amarelo & Bourbon Vermelho

Obatã

Tupi

Apoatã

Catimor

Sarchimor

Ibairi

Approximately 90% of coffee varieties in Brazil and other countries were developed by him (data from 1993)

Alcides Godoy

February 28, 2024

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

Alcides Godoy, Brazilian biomedical researcher (Campinas, São Paulo 07 January 1888 – Rio de Janeiro 30 January 1950)

Authored 26 works

ACHIEVEMENTS

Developed a new process of vaccination for anthrax with an innovative methodology for *Clostridium* sp. attenuation

With F. Faria . Sobre um novo processo de vacinação contra o carbúnculo sintomático. Rev. Med. São Paulo 11(16):338-43, 1908

Nova vacina contra o carbúnculo sintomático. Mem. Inst. Oswaldo Cruz 2:11-21, 1910

A vaccine for pneumoenteritis in calves

With A. Machado. Estudos bacteriológicos sobre a diarreia ou pneumoenterite dos bezerros. Patente 9.564 (1917)

A new anthrax or hematic carbuncle vaccine

With A. Machado. Processo de preparação e emprego de uma nova vacina contra o carbúnculo bacteriano. Patente 9.981 (1918)

Modified the method for preparing Petruschky Litmus whey

With G. Pacheco. Nouveau mode de préparation du petit-lait de Petruschky. C.R. Soc. Biol. 90:243, 1924

Developed devices and apparatuses for aiding procedures such as Godoy flasks for collecting mosquitoes

With Botafogo Gonçalves developed a device for capturing mosquitoes in Mem. Inst. Oswaldo Cruz 7:100, 1929 (Suppl)

A new hygrometer

Um novo higrômetro. Brasil Médico 31:283, 1917

Improved gravimetric procedure

Uma simplificação ao processo gravimétrico. Pesagem dos precipitados no estado úmido. Brasil Médico 26:1, 1912

Developed a picnogravimetric process

Sobre uma variante do processo gravimétrico. Simplificação do processo. Processo picnogravimétrico. Mem. Inst. Oswaldo Cruz 4:136-53, 1912

Alcides Prado

April 16, 2024

[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](https://neglectedscience.com/category/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)

Alcidio Abrão

February 25, 2024

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

Alcidio Abrão, Brazilian physical chemist (São José da Bela Vista, São Paulo State 18/08/1925 – São Paulo 03/03/2011)

Authored over 180 works

DEVELOPED

A method to obtaining uranium with pure nucleus via ionic exchange (1961) with F.W. Lima; patented in 1968

Amidoxine resin

A process for semi quantitative identification of gallium using ionic resin (1995)

Methods for lithium determination in amblygonite and other compounds

Described a single procedure for isolating the short half life thallium 208 from common thorium salts in Radiochemical separation of thallium from thorium by anion exchange resin: A 208Tl reservoir. J. Chem. Educ. 41(11), 1964

PATENTS/PROCESSES

With E.A.J. Martins. Production process of metallic sulphides in low temperature using solid-solid reaction in one step (2002)

With E.A.J. Martins. Process for removal and recovery of silver and its salts from films, plates and photographic papers (2002)

With P.E. O. Lainetti. Injection dispositive for decomposition process of dangerous and reactive organic wastes in salts, metals ou molten slags (2005)

With S.B. Alvarinho & A.R. Cotrim. Process for recovery of copper, nickel, cobalt and zinc from an acid or basic solution (2006)

With A.R. Cotrim & M.E. Moraes. Process for isolation/recovery of cobalt and manganese in exhausted catalysts (2008)

Production of uranium tetrafluoride by aqueous technique

With F.M.S. Carvalho, J.C. Ferreira, J.F.R. Almeida & S.B. Alvarinho. Environmental remediation process of fowl runs with removal of ammonia and its use in the production of fertilizers and hydrogen generation (2007)

Repair of ammonium tricarbonat and uranyl by continuous and periodic precipitation of washing column organic phase

SOME BIBLIOGRAPHY

The use of separan as a maximum suppressor in polarography (1962)

With F. W. Lima. Separation of bismuth from lead with (Ethylenediamine) tetraacetic acid. Application to Radiochemistry (1958)

With F.W. Lima & C. Pagano. Recovery of cesium-137 from fission products in wastes of nuclear reactor installations (1959)

With F. W. Lima & R.R.Pieroni. Improved urinary excretion test for assay of vitamin B-12 tagged with cobalt-60. Anais Assoc. Bras. Quim. 18:167, 1959.

With F.W. & L.T. Atalla. Production of carrier-free phosphorus-32 by using sulphates as material for irradiation

With M.J.C. Nastasi. Construction and operation of a proportional gas flow counter (1968)

A rapid radiochemical ion-exchange separator of iodine from tellurium. A novel radioiodine 132 generator (1974)

Aldo Andreoni

February 25, 2024

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

Aldo Andreoni, Brazilian naval engineer (São Paulo 14 February 1917 – São Paulo 12 July 2005)

CONTRIBUTIONS

Aplicações do pinho Paraná em pequenas embarcações. Rev. Politécnica S. Paulo 47 (160):27-30, 1951

Peso específico das madeiras verdes. Diagrama para sua determinação. Anuario Bras. Econ. Florestal 10:301-6, 1958

SOME BIBLIOGRAPHY/OTHER CONTRIBUTIONS

O catamarã Paicará (1972)

Resultado das provas de resistência à propulsão do modelo de um navio hidrográfico de 45 m (1966)

Influência da forma e da profundidade na resistência a propulsão dos barcos para o Rio Tocantins (1964)

Comparative tests of three similar models of river boat. Int Shipbuild. Progress 11:115, 1964

Experimental ship model testing tanks with a brief reference to the model tank of the Instituto de Pesquisas Tecnológicas. Int Shipbuild. Progress 3(18-9), 1956

Algumas notas históricas sobre a hélice naval (1956)

A navegação e os barcos do Rio Tocantins: aplicação do método dos modelos no projeto de um novo barco. Boletim IPT 43 (1951)

O Rio Tocantins, sua navegação e seus barcos. Rev. Eng. (1950)

A umidade no pinho em tábuas. Ann. Bras. Econ. Florestal 3(3):257-61, 1950

Bote auxiliar monocasco. Ann. Bras. Econ. Florestal 1(1):387-95, 1948

Cruzador de recreio a propulsão dupla (1947)

Estudo de uma hélice naval: projeto baseado nos hidrofólios. Rev. Politecn. (1945)

Algumas características dos cascos planadores

Pequeno iate de recreio

Aldo Focesi Jr.

February 28, 2024

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

Aldo Focesi Jr., Brazilian biochemist (Campinas, São Paulo State 18 June 1933 – Campinas, São Paulo State September 2001)

SOME BIBLIOGRAPHY

With G.O. Bonilla-Rodríguez, J. Bonaventura & R.E. Cashion. Functional properties of the hemoglobina from the South American snake *Mastigodryas bifossatus*. Comp. Biochem. Physiol. Part A. Mol. Integr. Physiol. 109:1085-95, 1994

With G.O. Bonilla-Rodríguez, C.L. Nagatomo & M.S. Matsuura. Interactions of adenosine triphosphate with snake hemoglobins. Studies in *Liophis miliaris*, *Boa constrictor* and *Bothrops alternatus*. Comp. Biochem. Physiol. Part B. Biochem. Mol. Biol. 109:1085-95, 1994

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With R. Cashion, C. Bonaventura & J. Bonaventura. The nicotinamide adenine dinucleotides as allosteric effectors of human hemoglobin. J. Biol. Chem. 261:12700-5, 1986

With A.A.B. Lima, N.C. Meirelles & L.P.S. Airoidi. Allosteric effect of protons and adenosine triphosphate on hemoglobins from aquatic Amphibia. J. Comp. Physiol. B 155(3):353-5, 1985

With M.I. Portus, M.L.C. Vieira & A.R. Oliveira. Hemoglobinas em siluriformes da Amazônia Central. III. Caracterização imunológica de alguns bagres e cascudos. Acta Amaz. 13(2), 1983

With M.I. G. Portus & N.C. Meirelles. Hemoglobinas em siluriformes da Amazônia Central. II. Determinação do efeito Bohr por focalização isoeletrica. Acta Amaz. 13(1), 1983

With M.S.A. Matsuura & S.H. Ogo. Multiplicity and immunological characterization of the hemoglobina components from *Liophis miliaris* and *Helicops modestus*. Comp. Biochem. Physiol. 76 B (4):915-9, 1983

With M.I. G. Portus & E.L. Donald. Hemoglobinas em siluriformes da Amazônia Central. I. Análise eletroforética dos hemolisados. Acta Amaz. 12(4):707-11, 1982

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Aldo Gaggero

February 28, 2024

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

Aldo Gaggero Capellaro, Chilean veterinarian (fl.1949-65)

Showed that the foot and mouth disease virus is located at bovine esophagus

With P. Suttmoller. Foot and mouth disease carriers. Vet. Rec. 77:968-9, 1965

Presented a culture method of foot and mouth virus on bovine kidney cells

With L. Meléndez, R. Rodríguez & M. Norambuena. Multiplication of foot and mouth disease virus in adult kidney and embryonic lung and heart bovine tissue cultures. Proc. Soc. Expl. Biol. Med. 95:696-7, 1957

Aldo Zaragoza

June 30, 2024

[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

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

HONORS

Asteroid Zaragoza 2189

Alejandro C. Paladini

April 16, 2024

[Bibliography](https://neglectedscience.com/category/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- β -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

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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 Dalma Kende

February 27, 2024

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

Alejandro Dalma Kende, Jewish Mexican ophthalmologist (Ciudad de Mexico 06 January 1934 –

From Hungarian parentage

DEVELOPED METHODS

With J. Dalma Weiszhausz & V. Franco Cardenas. Subretinal perfluorocarbon liquid for dissection of proliferative vitreoretinopathy. J. Ophthalm. Vis. Res. 7(4):350-4, 2012

With J. Dalma Weiszhausz & V. Franco Cardenas. A modified technique for extracting a dislocated lens with perfluorocarbon liquids and viscoelastics. Ophthalmic Surg. Lasers Imaging 41(5):572-4, 2010

With L. Sanchez Bulnes. Surgical treatment of retinal detachment. New developments in the technique of radial sclera resections. Am. J. Ophthalm. 61(5 Pt.2):1038-44, 1966

HONOURS

Honor Award & Distinguished Service Award, American Academy of Ophthalmology

Alejandro Feinstein

February 28, 2024

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

Alejandro Feinstein, Argentine astrophysicist (La Plata 30 May 1929 –

Expert on astronomic photometry and galactic structure

Authored over 200 papers

SOME BIBLIOGRAPHY

With G. Baume, R. Vazquez & G. Carraro. Photometric study of the young open cluster NGC 3293. Astron. Astrophys. (2003)

99 Be Stars which recently showed large photometric changes. Publ. Astron. Soc. Pacific 2(184), 1970

The open cluster NGC 6231 (1968)

Multicolor UBVR_I observations of metallic-line stars. Publ. Astron. Soc. Pacific 79, 1967

The intrinsic colors of bright giants (1960)

H α and H β measures as related to be Be Star rotation

With J.J. Clariá. Fotometria multicolor del cumulo abierto NGC2287

List of Be Stars in open clusters with UB ν data

With J.C. Muzzio. The light curve of I Carinae. Astron. Astrophys.

A group of stars around the helium star HD96446

With R.A. Vazquez. The brightest stars in young open clusters

With R.A. Vazquez. Binary stars: another effect contributing to the supposed abnormal extinction law in NGC6193?. Astron. Astrophys. 257(411):92, 863

HONORS

Asteroid 10988 Feinstein

Alejandro J. Arvia

February 25, 2024

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

Alejandro Jorge Arvia Stupenengo, Argentine electrochemist (La Plata 14 January 1928 – Villa Elisa, Buenos Aires Province 22 April 2021)

Authored over 800 papers, 19 books and many book chapters

Established new methodologies for quantitative management of biological data

With H.J. Schumacher authored pioneer works in the field of gas phase reaction kinetics in the presence of flourine

Gave contributions to matter transport theories on rotative, cylindric and conic electrodes with many citations

Developed mono-oriented noble-metal surfaces by simple application of periodic electrical potential disturbances

DEVELOPED/DISCOVERED

With W.A. Egli, A. Visintin & W.E. Triaca. The development of faceting and roughening at platinum polyfacetted-single crystal electrodes in a chloroplatinic acid solution. *Appl. Surf. Science* 68(4):583-93, 1993

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With W.E. Triaca et al. Electroreduction of molecular oxygen on preferentially oriented platinum electrodes in acid solution. *J. Appl. Electrochem.* 24(2):119-25, 1994

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With M.E. Uflates, M.E. Folquer & J.R. Vilche. The influence of foreign cations on the electrochemical behavior of the nickel hydroxide electrode. *J. Electrochem. Soc.* 139:2697-04, 1992

With E. Custidiano, A. Plastino & L. Rebollo-Neira. Na inversion method based on information theory applied to quantitative analysis of complex H-atom electrodesorption voltammograms. *J. Electroanal. Chem.* 277:1-12, 1990

With C.I. Eisner & R.C. Salvarezza. The influence of halide ions at submonolayer levels on the formation of oxide layer and electrodisolution of copper in neutral solutions. *Electrochim. Acta* 33:1735-41, 1988

With A. Visintin, J.C. Canullo & W.E. Triaca. Changes in real surface area, crystallographic orientation and morphology of platinum electrodes caused by periodic potential treatments: phenomenological approach. *J. Electroanal. Chem* (1988)

With J. Gómez Becerra & R.C. Salvarezza. Electrochemical behaviour of copper in aqueous solution containing ethyl xanthate. *J. Appl. Electrochem.* 17:779, 1987

With R.C. Salvarezza, N.D. Cristófaró & C. Pallotta. Stochastic and deterministic behavior of 316 stainless steel pitting corrosion in phosphate-borate buffer containing sodium chloride. *Electrochim. Acta* 32:1049, 1987

With J. Gómez, L. Vasquez, A.M. Baró, N. García, C.L. Perdriel & W.E. Triaca. Surface topography of (100)-type electro-faceted platinum from scanning tunnelling microscopy and electrochemistry. *Nature* 323:612, 1986

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With R.M. Cervino & W. Vielstich. Scanning electron microscopy and voltammetry of preferentially oriented polycrystalline platinum surfaces. *Surf. Science* 153B:623-8, 1985

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With L.M. Gassa & J.R. Vilche. A potentiodynamic study of anodic film formation on nickel in borate solution. *J. Appl. Electrochem.* 13(2):135-45, 1983

With R.C. Salvarezza & H.A. Videla. The Electrodeposition and passivation of mild steel in alkaline sulphide solution. *Corr. Science* 22:815-29, 1982

With J.J. Podesta & R.C.V. Piatti. Comparative electron microscopy (SEM) examination of Fe, Au and Zn electrodes surfaces polarized in different regions of potentiostatic I/E behavior (1982)

With T. Raboocal et al. Kinetics and mechanism of adsorbed ethylene electrooxidation on platinized platinum under potentiodynamic conditions. *J. Electrochem. Soc.* 126:218-26, 1979

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With A.J. Calandra N.R. de Tacconi & R. Pereiro. Potentiodynamic current/potential relations for film formation under ohmic resistance control. *Electrochim. Acta* 19:901-5, 1974

With S.L. Marchiano. Potential/Po-Diagrams of iron, cobalt and nickel in molten nitrite. *Electrochim. Acta* 17:861, 1972

With J.C. Bazan & J.S. Carrozza. Diffusion of ferro- and ferricyanide ions in aqueous potassium chloride solutions and in solutions containing carboxymethylcellulose sodium salt. (1968)

With J.C. Bazan & J.S. Carrozza. Electrochemical study of the diffusion of cupric ion in aqueous and aqueous glycerol solutions containing sulphuric acid. *Electrochim. Acta* 11:881-9, 1966

With W.E. Triaca. Electrolysis of molten nitrates on graphite electrodes: kinetics of the anodic reaction. *Electrochim. Acta* 11(8):975-86, 1966

With W.E. Triaca. Formation of a reversible cell in the electrolysis of molten silver nitrate. *Electrochim. Acta* 9(7):919-24, 1964

With P. Cracco & M. Dole. ESR studies of free radical decay in irradiated polyethylene. *J. Chem. Phys.* 37:2449, 1962

With J.M. Gomez Rodríguez, A.M. Baro, L. Vazquez, R.C. Salvarezza & J.M. Vara. Fractal surfaces of gold and platinum electrodeposition dimensionality determination by scanning tunneling microscopy

HONORS

Pergamon Electrochimica Acta Gold medal, International Society of Electrochemistry (2000)

Heyrovsky Medal, Czech Academy of Sciences (1990)

Luigi Galvani Medal, Società Chimica Italiana (2001)

Doctor Honoris Causa, Universidad Autónoma de Madrid (1991)

President, International Society of Electrochemistry (1992-4)

Chemistry Nobel Prize nominee

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

Neosthethynium 1964

Nesopolynema 1952

Oncomymar 1957

Platypolynema 1960

Platysthenium 1946

Polynemula 1967

Schizophragma 1949

Scolopsopterion 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

Pterotrigonia (Rinetrigonia) 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 estrutura 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 geologico 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 con 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=xlOV3M2tUgYC&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=xlOV3M2tUgYC&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 – Paris 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](https://neglectedscience.com/category/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 llamasii 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 zihuateutlensis 1950

Spelaeomysis quinterensis 1951

Troglomexicanus perezfarfanta 1971

Subspecies

Cambarellus montezumae lermensis 1943

Cambarellus montezumae zempoalensis 1943

Procambarellus ruthveni zapoapensis 1954

HONORS

Subgenus *Villalobosus* Holthuis 1972 (Crustacea)

Alércio Moreira Gomes

February 28, 2024

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

Alércio Moreira Gomes, Brazilian mathematician and astronomer (Cachoeiro do Itapemirim, Espírito Santo State 12 March 1915 – Lisbon 02 September 1988)

DISCOVERED

4 supernovae (SN1960P, SN1960M, SN1960N and SN1961E)

50 variable stars

About 80 minor planets

Alex Du Toit

February 27, 2024

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

James Alexander Logie Du Toit, South African hydro-geologist and paleobotanist (Newlands, Rondebosch, near Cape Town 14 March 1878 – Pinelands, Cape Town 25 February 1948)

Authored 86 works

Most known as main supporter of Wegenerian continental drift theory in the early 1900s

DESCRIBED FOSSIL PLANTAE TAXA

Genera

Eretmonia 1932

Moltenia 1927

Species

Dicroidiopsis incisa

Eretmonia natalensis

Glossopteris longicaulis

Lepidopteris africana

Moltenia dentata

Nilssonina brownii

Pseudoctenis capensis

Pseudoctenis fissa

Pseudoctenis lanciformis

Pseudoctenis spatulata

HONORS

Du Toit crater (on Mars)

Genus *Dutoitia* Hoeg 1930 (Fossil Plantae)

Genus *Alexia* Anderson & Anderson 2003 (Fossil Plantae)

Genus *Dutoitella* Dingle 1981 (Ostracoda)

Alexander Bierig

February 26, 2024

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

Alexander Bierig, German-born Costa Rican entomologist and painter (Karlsruhe 15 January 1884 – San Jose de Costa Rica 17 May 1963)

Worked in Cuba (1919–39) and Costa Rica (1939–63)

DESCRIBED COLEOPTERA TAXA

Genera

Agaribiota 1937

Apteronetes 1933

Argoderus 1933

Brachycantharus 1939

Cylindroxystus 1943

Diaboligenus 1939

Dibelophacis 1933

Dolichoderma 1938

Ehomalolinus 1934

Euremus 1934

Exoctavius 1934

Glenothorax 1937

Guajira 1938

Heteronetes 1933

Indoacylophorus 1938

Labrocharis 1933

Labroporus 1933

Litozoon 1939

Melanetes 1933

Microbrachida 1939

Neoacylophorus 1938

Neobrachychara 1939

Oligotergus 1937

Paracylophorus 1938

Parapalaminus 1943

Platybrathium 1933

Ponticulus 1931

Pterygolaetus 1937

Stenolinus 1937

Stiliphacis 1938

Suniosaurus 1938

Thrichidryas 1939

Torrentomus 1934

Xenaster 1939

Xenasteres 1939

Xenobiota 1938

Xenocharis 1934

Species

More than 150

LINKS

<http://www.caribbeanahigroup.org/genaropdf/1999bierig.pdf> (in Spanish with bibliography)

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.sao.ac.za/html/his-astr-roberts_aw.html

Alexandre Curt Brade

February 26, 2024

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

Alexandre Curt Brade, German-born Brazilian botanist (Forst (Lausitz), Brandenburg Province 19 June 1881 – São Paulo 17 July 1971)

Authored 86 papers

DESCRIBED GENERA

Orchidaceae

Duckeella 1940 with Campos Porto

Pleurothallopsis 1937 with Campos Porto

Pseudolaelia 1935 with Campos Porto

Pygmaeorchis 1939

Thysanoglossa 1940 with Campos Porto

Others

Dolichoura 1959 (Melastomataceae)

Loricalepis 1938 (Melastomataceae)

Magdalenaea 1935 (Scrophulariaceae)

Standleya 1932 (Rubiaceae)

Described at least 56 new Orchids species from Brazilian flora and discovered 60 new fern plants from Costa Rica

HONORS

Bradea Standley 1932 (Rubiaceae)

Alexandre Pinto Corrado

February 26, 2024

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

Alexandre Pinto Corrado, Brazilian neuropharmacologist (01 January 1930 –

Studied physiopathological implications of nociceptive responses induced by bradykinin

With F.G. Graeff characterized resulting behavioral, autonomic and analgesic effects of intracerebroventricular application of bradykinin

With A.O. Ramos & C.T. Escobar clarified the mechanism of potentiation caused by antibiotics amino glycosides to curare-induced neuromuscular block

With O. Vital Brazil discovered neuromuscular action of antibiotics and the blocking mechanism of streptomycin in high doses (1957)

Alexandre Rodrigues Ferreira

February 28, 2024

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

Alexandre Rodrigues Ferreira, Brazilian / Portuguese naturalist, geographer and explorer (Salvador 27 April 1756 – Lisbon 23 April 1815)

Headed a Portuguese expedition to Brazil aiming to study nature and give a complete geographical and topographical description of each region explored

Performed hydrographical explorations reporting the first exhaustive representation of Amazon rivers

Wrote memoirs about fauna, flora, ores and Native populations

Described a number of dyeing methods used by Brazilian Indians

Sent plants, animals, wood samples, minerals and ethnographic material to Portugal

Famous naturalists like Etienne Geoffroy de Saint-Hilaire, Joseph Banks, Casimiro Gómez Ortega and Alexander Von Humboldt described new species from his biological collections

First reported and described cacao witches broom (1785-7)

He would be among the first in the world to employ thermometer in order to diagnose fever in according to Anais Acad. Med. Rio de Janeiro 79:305, 1913

SOME BIBLIOGRAPHY (about zoology)

Memória sobre o peixe pira-urucu. Arch. Museu Nacional Rio de Janeiro 12:155-8, 1903

Memória sobre o peixe-boi e do uso que lhe dão no Estado do Grão-Pará. Arch. Museu Nacional Rio de Janeiro 12:169-74, 1903

Memória sobre o jurararete. Arch. Museu Nacional Rio de Janeiro 12:181-6, 1903

Relações dos peixes dos sertões do Pará

Memória sobre as tartarugas

Memória sobre as variedades de tartarugas que há no Estado do Grão-Pará e do uso que lhe dão

Relação dos animais quadrúpedes, silvestres, que habitam nas matas de todo o continente do Estado do Grão-Pará

Observações gerais e particulares sobre a classe dos mamíferos

Lista dos animais que fazem objeto das caçadas e das pescarias dos índios

HONORS

Alexandresaurus Rodrigues, Pellegrino, Dixo, Verdade, Pavan, Argolo & Sites Jr. 2007 (Reptilia)

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 Arguello

February 25, 2024

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

Alfonso Arguello Cervantes, Nicaraguan surgeon and anatomist (León 29 September 1901 – León 1977)

Discovered paravesical ganglia (under the supervision of Henri Rouviere)

Clarified the lymph drainage of prostate

Les lymphatiques de la vessie. Ann. Anat. Path. 5:209-75, 1928

Alfonso Bovero

February 26, 2024

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

Alfonso Bovero, Italian/Brazilian anatomist (Pecetto Torinese, Piemonte 26 November 1871 – Torino 09 April 1937)

ACHIEVEMENTS

Authored an unpublished case in medical literature

Persistenza della vescicola ombelicale e della circolazione onfalo-mesenterica nel feto uma a termine. Internat. Monatschr. F. Anat. U. Phys. 12:191, 1895.

Studied Bovero's muscle (cutaneo mucous muscle)

Richerche morfologiche sul musculus cutaneo-mucosus labii. Memorie della R. Acad. Delle Scienze di Torino. Tomo LII, 1902.

Described interdigastic muscle in his doctoral thesis

Concluded that lingual mucosa display individual traits

Described a median sagital salience in tongue that named torus lingualis longitudinalis (with Locchi)

With R. Locchi. Torus longitudinalis et sulci longitudinales dans La langue humaine. Rev. Biol. Hyg. 3(1):30-32, 1932.

Described a pre-hypophysary endocranial ossification in *Bradypus* known as Bovero's ossicle.

Uma especial e constante ossificação endodural prehypophysaria no gênero *Bradypus*. Annaes Fac. Med. São Paulo 1, 1926.

Described a variety of os sacrum

Anotações anatomicas. 2. Uma variedade do osso sacro. 3. Ossificação parcial do ligamento sacrotuberoso. Rev. Med. S. Paulo 16-17:3-12, 1920

First to draw attention to thin innervation of thymus

Concluded that sebaceous glands are related to hair follicle

Showed the development of uterine glands before birth

Established the mechanism of formation and rising time of body glands and uterine cervix in human being (1909)

First to describe the infraepithelial glands of cervical mucosa in evolved and newborn fetuses

Described new details of osteo palate

Described a post-squamous perforating duct until then not seen in humans

With Sperino showed the basilar metopic suture as a normal fact

Described the role that play the pterygoid in constitution of palatine vault in Brazilian mammals

Showed a cartilaginous plaque on the thickness of the conjunctiva's semilunar fold as a feature of Black people

Performed interesting contributions to human and comparative osteology

BIBLIOGRAPHY

The bibliography of Bovero and his disciples is available in Arquivo de Anatomia e Antropologia 18:519-37, 1937.

Bol. Soc. Med. Cir. S. Paulo 21(5-6):175-92, 1937

Arq. Cir. Clin. Exp. São Paulo 1(2):364-95, 1937

Ann. Paul. Med. Cir. S. Paulo 23(1):133-45, 1932

Alfonso Dampf

February 27, 2024

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

Alfons Alexis Ernst Michael Dampf, German-born Mexican entomologist (Dagö Island, Kerthell Village, Estonia 03 December 1884 – Ciudad de Mexico 17 March 1948)

DESCRIBED SIPHONAPTERA TAXA

Family

Ceratophyllidae 1908

Genera

Archaeopsylla 1908

Mesopsylla 1910

Sciuropsylla 1942

Species

At least 15 new species

Described *Palaeopsylla klebsiana*, the first fossil flea (1910)

Others

At least 10 new species of Diptera and a new species of Acari

HONORS

Genera

Dampfia Smit 1954 (Siphonaptera)

Dampfiella Sellnick 1931 (Acari)

Dampfaria Verhoeff 1932 (Myriapoda)

Dampfius Pacheco 1964 (Coleoptera)

Dampfiana DeLong & Hershberger 1948 & *Alfonsiella* Waterston 1920 (Hemiptera)

Subgenera

Dampfomyia Adis 1945 (Diptera)

Dampfitrichia Mosely 1937 (Trichoptera)

Alfonso Davalos

February 27, 2024

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

Alfonso Davalos, Ecuadorian-born Venezuelan urologist

With O.S. Lowsley & T.J. Kirwin. Urolocide, a new skin antiseptic and disinfectant for instruments. J. Urol.

Davalos technique for surgical treatment of penile cancer (1931)

Davalos technique of simultaneous bilateral-uretero-intestinal anastomosis (1945)

Davalos bilateral ureteral transplantation (transplantation of the ureter into bowel)

Davalos technique for total resection of penis and cavernous organisms

Alfonso Díaz Najera

February 27, 2024

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

Alfonso Díaz Najera, Mexican medical entomologist (Balsas, Guerrero State 19 January 1910 – 1992?)

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

DESCRIBED DIPTERA TAXA

Genera

Dyarella 1946 with Vargas & Martinez Palacios

Eubonetia 1953 with Vargas

Grenieriella 1951 with Vargas

Hearlea 1946 with Vargas & Martínez Palacios

Lanea 1946 with Martinez Palacios & Vargas

Mallochianella 1948 with Vargas

Neosimulium 1946 with Vargas & Martinez Palacios

Tlalocomyia 1970 with Wygodzinsky

Species

62

Alfonso Herrera (father & son)

February 29, 2024

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

Alfonso Luis Herrera López, Mexican naturalist (Ciudad de Mexico 03 July 1868 – Ciudad de Mexico 17 September 1942)

Introduced the notion that the structure and functions of living beings could be explained physical and chemical laws based in *Recueil de lois de la biologie générale*

Demonstrated the abiotic synthesis of organic compounds

Authored *Nociones de biología* (1904), translated into French as *Notions de biologie et de plasmogenie comparées* (1906) in which presented the theory of plasmogeny

La Plasmogenia: nueva ciencia del origen de la vida (1932)

A new theory of the origin and nature of life. *Science* 96:14, 1942

Proposed that physico-chemical properties of protoplasm can be simulated by chemical compounds

Established the concept of chemical evolution (1910) before Melvin Calvin

Used chemicals such as olive oil, sodium hydroxide, gasoline and thiocyanate for his studies about plasmogeny

Obtained the sulphobes and colpoids, colloidal microstructures from mixture of ammonium sulphocyanide and formaldehyde (1897)

First to synthesize amino acids in investigations about the origin of life

Recreated a number of invertebrate animals using glass and crystal (such models were reproduced by Musée de Nancy, France)

Catalogo de imitaciones en cristal de varios animals invertebrados del Museo Nacional (1897)

NEW THEORIES

With D. Vergara Lope. *Nouvelle théorie de la respiration. Hématose et osmose des gase dissouts. La respiration de la tamise.* *Mem. Soc. Cient. A. Alzate* 11:309 (1897-8)

Nueva teoria biologica. La hidratación de los coloides en sus relaciones con el crecimiento y la patologia. *Medicina* (1921)

Nueva teoria cosmogônica del proto-rayo. *Estudios (Valencia)* 13:27, 1935

OTHER CONTRIBUTIONS

Described the structure and vocal use of the fonation apparatus in two vertebrate species

Aparatos para fonación de la Ortalis vetula maccalli y en Pithuophis deppei. *La Naturaleza* 26(1):278, 1889

Developed a new method for studying the morphology

Caracteres histológicos diferenciales de varias drogas indígenas. Nuevo método de estudio de la morfología. Aplicación a la hipotesis monística. *El Estudio* 4:152, 1891

Described a special kind of sensitivity

Forma especial de sensibilidad observada en insectos decapitados. *Mem. Soc. Cien. A. Alzate* 5:225, 1891-2

Authored a theoretical proposition about the organization of natural history museums

Les musées de l'avenir. *Mem. Acad. Nac. Cien. Antonio Alzate* 9:221, 1895

With D. Vergara Lope authored *La vie sur les haut plateau. Influence de la pression barometrique sur la constitution et le développement des etres organismes* (1899), for which received Hodgkin Medal from Smithsonian Institution

Proposed a new system of biological nomenclature

About a reform in nomenclature. *Science* 10:120-1, 1899

Nuevo insecticida. *Bol. Com. Parasit. Agrícola* 1(1):28-30, 1900 (a new insecticide)

Developed a trap for moths

Linterna para coger mariposillas cuyos gusanos son muy perjudiciales. *Bol. Com. Parasitol. Agrícola* 25 (1905)

Deduced that the light could be influenced by gravitational fields independently of Albert Einstein

With M. Perez Amador. Estudio sobre algunos puntos de fisico-quimica. Mexico (1916)

Discovered special organs on the orthopteran pads for sonic perception

Organos receptores nas patas de los insectos. Mem. Ac. Cien. A. Alzate 53:41, 1932-3

HONOURS

Member, Reale Accademia de Lincei of Rome

Palme Académiques de France

Genus *Herreraichthys* Alvarado-Ortega, Brito, Porras Muzquiz e Mujica-Monroy 2016 (Fossil Pisces)

His father, Alfonso María Ligorio Romualdo Francisco de Paula Herrera Fernandez de San Salvador, naturalist (Ciudad de Mexico 07 February 1838 – Cuautla, Morelos State 27 January 1901)

With Gumersindo Mendoza described the valid Coleopteran species *Pyrota quadrinervata* 1866 and *Lytta erythrothorax* 1867

Nuevo procedimiento para la preparación de los extractos sin la intervención del fuego (A new procedure for preparing extractions without the intervention of fire). Gac. Med. Mex. 2:200-4, 1866

Obtained the thevetose, active principle from seeds of *Thevetia ovata*

Proposed the use of pulque as vehicle for administration of medicinal compounds and formulated preparations employing this beverage

Developed antidyspeptic elixir that bears his name

Alfonso Jimenez Muñoz

March 1, 2024

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

Alfonso Jimenez Muñoz, Costa Rican agronomist (fl.1943-67)

SOME BIBLIOGRAPHY

Estudio agrologico de la parte norte del distrito central de Turrialba. Thesis, Fac. Agron. Univ. de Costa Rica, San José (1951)

Nombres vulgares en la avifauna costarricense (1960)

Estado actual de la flora y la fauna de Costa Rica (1964)

HONORS

Section *Jimenezia* Breedlove, Berry & Raven 1982 (Onagraceae)

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 β -bromo-17 α -acetoxy-20 ketosteroids. Synthesis of 16 α -17 α -dihydroxysteroids and related compounds. J. Org. Chem. 21:902–9, 1956

Alfonso Roque Albanese

February 25, 2024

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

3 (Lamina duodeno-mesentero-mesocólica derecha described in 1959

Proposed the concept of axillo-ganglionic vertices (1975)

Reported the first cases in the world in Tetralogia de Fallot y dextrocardia (1948)

Reported the first case in literature of congenital cardiopathy with surgical solution employing preserved artery

Cirugía de las cardiopatías congenitas. 215 operados (1952)

TECHNIQUES/METHODS

A technique for supraumbilical median incisional hernias

Eventración mediana xifoumbilical gigante: metodo para su tratamiento. Rev. Asoc. Med. Arg. 65:376, 1951

Albanese operation (escoplage and tuboescoplage)

Escoplage: a new surgical technique for treatment of venous disorders

Created cervico-mediastinal biopsy method

Developed original methods for dissection and presentation of anatomical elements

Developed aorta coarctation surgery (1939)

Technic of dissection of perineum

Albanese technique for splanchnic and celiac plexus block

Developed modified Halsted radical mastectomy (1942)

Approach technique for sympathetic nervous system using infradiaphragmatic via (1947)

Lumbar sympathectomy with local anesthesia (1955)

Described distant muscle debulking incisions for the treatment of large post-surgical abdominal hernia

Eventración mediana xifoumbilical gigante. Metodo para su tratamiento. Rev. AMA 15:376-8, 1951

Tecnica y tactica personal de la tiroidectomia subtotal, de la lobectomia y la tiroidectomia total. Bol. Trab. Soc. Arg. Cir. 28

La movilización duodeno-pancreatica en la cirugía gastro-duodenal. Importancia de La lámina duodeno-retro mesocolónica derecha. Arch. Argent. Enf. Apar. Digest. 35(1):17-20, 1960

With R. Finocchietto proposed axillary evacuation in breast cancer surgery (1938)

With R. Finocchietto. La lumbotomia vertical paravertebral. Prensa Med. Arg. 27(5):243, 1940

With R. Finocchietto. Suprarrenalectomia. Tecnica. Prensa Med. Arg. 37:1915-8,

New instrument of varicose vein surgery. J. Cardiovasc. Surg.

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 Bakteriologie, Parasitologie. Infectionskrankheiten. XLV, 1907 & XLVI Bd. 1908

Contribuzione allo studio delle miasmi. Nuova specie di mosca antropofaga. Rev. Med. S. Paulo 3, 1908; Arch. Parasitologie 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-Blastomycosis-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 con localizzazione nella cavità della bocca, osservata in Brasile. Bull. Soc. Path. Exot. 5:313-9, 1912

Un'affezione micotica con localizzazione della mucosa della bocca, osservata in Brasile, determinata da funghi appartenenti alla tribù 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

Coelosporidium periplanetae 1903 with Lutz

Giardia pitymysi 1920

Glugea caeculiae 1904 with Lutz

Glugea haesidotidis 1904 with Lutz

Glugea heliotidis 1904 with Lutz

Glugea hydriae 1904 with Lutz

Glugea micrattaci 1904 with Lutz

Microsporidium balantidii 1908 with Lutz

Microsporidium distomi 1908 with Lutz

Microsporidium ephemerae 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 periplanetae 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-IQ2dDe9pmiveE-u4E_&sig=AHIEtbRWdcccUWcqaaear9Nhc9TQoMcBiig](https://docs.google.com/viewer?)See

[https://docs.google.com/viewer?">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-IQ2dDe9pmiveE-u4E_&sig=AHIEtbRWdcccUWcqaaear9Nhc9TQoMcBiig.](https://docs.google.com/viewer?)

Alfred George Oettlé

April 9, 2024

[Bibliography](https://neglectedscience.com/category/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. Higgenson. 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 Africa. *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 Lawrence Capener

February 26, 2024

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

Alfred Lawrence Capener, South African entomologist (fl.1938-73)

DESCRIBED HEMIPTERA TAXA

Genera

Anchonastes 1972

Anchonobelus 1954

Anchonomones 1972

Aurinotus 1968

Bleccia 1968

Centrolobus 1968

Centrotobelus 1952

Colophorina 1973

Cornutobelus 1954

Daconotus 1968

Dagonotus 1972

Distantobelus 1954

Dukeobelus 1952

Farcicaudia 1968

Flexanotus 1968

Foliatrotus 1953

Izzardiana 1952

Jacobiana 1968

Joveriana 1968

Kallicrates 1968

Lanceonotus 1968

Leprechaunus 1950

Leptoceps 1954

Matonotus 1954

Menthogonus 1968

Pennavena 1968

Rachinotus 1968

Rexicornia 1968

Schoutedenotus 1954

Stalobelus 1954

Streonus 1968

Tyrannotus 1968

Vecranotus 1968

Yaponotus 1953

Zanzia 1968

Species

About 175

HONORS

Capenariana Boulard 1976 (Hemiptera)

Capeneralus Deitz 1983 (Hemiptera)

Capeneria Cobos 1953 (Coleoptera)

Alfred Polson

April 16, 2024

[Bibliography](https://neglectedscience.com/category/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](https://neglectedscience.com/category/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 liquids 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 liquids 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 gravite (1937)

With G. García. Sur La regularisation du problemé plan des trois corps (1937)

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

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

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

Sur les coefficients des series univalentes dans le circles 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 del 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 Barrera Marín

February 26, 2024

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

Alfredo Barrera Marín, Mexican entomologist (Merida, Yucatán 11 May 1926 – Merida, Yucatán 03 December 1980)

DESCRIBED NEW TAXA

Siphonaptera

Genera

Alloctenus 1966 with Traub

Gephyropsylla 1952

Hechtiella 1952

Species

Anomiopsyllus traubi 1951

Atyphloceras multidentatus 1963

Cediopsylla tepolita 1966

Ctenophthalmus caballeroi 1960 with Machado-Allison

Ctenophthalmus cryptotis 1966 with Traub

Ctenophthalmus expansis 1966 with Traub

Ctenophthalmus myodosus 1966 with Traub

Dactylopsylla megasoma 1954

Foxella macgregori 1953

Hoplopsyllus pectinatus 1966

Hystrihopsylla orophila 1952

Kohlsia pelaezi 1956

Orchopeas howardii 1955

Peromyscopsylla zempoalensis 1954

Phalacropsylla nivalis 1965

Pleochaetis apollinaris 1954

Plusaetis aztecus 1954

Plusaetis ponsi 1955

Plusaetis sibynus 1955

Plusaetis soberoni 1958

Pulex alvarezi 1955

Rhadinopsylla mexicana 1952

Strepsylla dalmati 1955 with Traub

Strepsylla machadoi 1963 with Traub

Strepsylla schmidtii 1955 with Traub

Strepsylla villai 1955 with Traub

Coleoptera

Genera

Loberopsyllus 1966 with Martínez

Streptopinodes 1968 with Martínez & Machado-Allison

Species

Amblyopinodes major 1972 with Machado-Allison

Amblyopinodes venezolanus 1972 with Machado-Allison

Amblyopius bolivari 1960 with Machado-Allison & Muniz

Amblyopius delicatus 1968 with Machado-Allison

Amblyopius intermedius 1972 with Machado-Allison

Amblyopius machadoi 1972

Amblyopius metasternalis 1972 with Machado-Allison

Amblyopius proximus 1972 with Machado-Allison

Amblyopius trapedoi 1968 with Machado-Allison

Amblyopius wenzeli 1968 with Martínez & Machado-Allison

Cryptophagus bolivari 1970 with Martínez

Megamblyopinus seeversi 1965 with Machado-Allison

Mallophaga

Geomydoecus coronadoi 1961

Alfredo Calcagno

February 26, 2024

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

Alfredo Domingo Calcagno Difilippi, Argentine psycho-pedagogue (Mercedes, Buenos Aires 26 October 1891 – 09 March 1962)

Devised a number of apparatuses and dispositifs for anthropological and psychological studies such as hafiesthesiômetro (for measuring tactile acuity) and axiestesiômetro (for measuring space muscle perception)

With Mira López created axioesterômetro

Described cranioencephalograph technique in Nuevos instrumentos de antropometria. Descripción y técnica del cráneo-encefalógrafo (1918)

Alfredo Coaracy Brazil Gandolfo

February 28, 2024

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

Alfredo Coaracy Brazil Gandolfo, Brazilian marine and civil engineer (Santos, São Paulo State 07 December 1924 – 04 August 1984)

DEVELOPED METHODS AND SYSTEMS

Um método para a determinação das tensões em navios de grande porte. Anais VI Congr. Sobena

Proposed a method of analysis of transverse structure of supertankers employing matricial álgebra

Investigação sobre a resistência transversal de superpetroleiros (Supertankers transverse strength). Doctoral Thesis (1973)

Um método para a determinação das tensões nos nós em navios de grande porte (1976)

Introduced a method to analyse tubular joints of the type used in the jacket structure of offshore platforms

With C. Taniguchi, M.A. Buelta Martínez & E. Couto. Calculation of stress concentration factor (SCF) in some typical tubular joints in offshore platform structures by use of finite element method.

With C. Taniguchi & M.A. Buelta Martinez. Implantação de um sistema de projeto e análise estrutural de plataformas oceânicas fixas (1979)

With E. Couto, M.A. Buelta, C. Taniguchi, J.P.C. Veiga & E.S. Freitas. Development of a computerized system for structural designing and analysis of stationary offshore (1979)

Um algoritmo para a resolução dos pórticos planos com elementos rígidos de dimensões finitas nas extremidades de suas barras. Rev. Bras. Tecnol. (1983)

With E. Gonçalves, R.B. Salvagni & G.H.D. Borba. Um método para análise de cascos resistentes de submarinos utilizando a teoria de cascas finas (1983)

Alfredo Duges

February 27, 2024

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

Alfred Auguste Delsescautz Dugés, French-born Mexican physician and naturalist (Montpellier 16 April 1826 – Guanajuato 07 January 1910)

Son of French obstetrician and naturalist Antoine Louis Dugés

DESCRIBED TAXA

ACARI

Genus

Alophus 1885

Amphibia

Valid Species

Ambystoma altamirani 1895

Ambystoma dumerili 1870

Ambystoma velasci 1888

Calotriton asper 1852

Phrynosoma taurus 1873

Sonora michoacanensis 1884

Reptilia

Valid Genus

Adelophis 1879

Valid Species

Adelophis copei 1879

Bipes tridactylus 1894

Hypsiglena jani 1865

Mesoscincus altamirani 1891

HONORS

Dugesia A. Gray 1882 (Asteraceae)

Alfredo Jahn

March 1, 2024

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

Alfredo Jahn Hartmann, Venezuelan naturalist, geographer, ethnographer, linguist, historian and archaeologist (Caracas 08 August 1867 – Caracas 12 June 1940)

Son of German immigrants

Authored 93 works

Collected plant species and archaeological objects

Devised a machine to wash coffee grains and other to dry coffee grains (1883)

SOME BIBLIOGRAPHY

Los cráneos deformados de los aborígenes de los Valles de Aragua. Bol. Soc. Venez. Cien. Nat. 8:4-14, 1932

Los paramos venezolanos. Sus aspectos físicos y vegetación. Bol. Soc. Venezol. Cien. Nat. 1:93-127, 1931

El deshielo de la Sierra Nevada de Merida y sus causas. Cult. Venez. 110, 1931

Parahuanos und Guajiros und die Pfahlbauten am See Von Maracaibo. Zeit. f. Ethnol. 46:267-83, 1927

Los aborígenes del occidente de Venezuela: su historia, etnografía y afinidades lingüísticas (1927)

Esbozo de las formaciones geológicas de Venezuela (1921)

Contribución a la hidrografía del Orinoco y del Río Negro. Anales Univ. Central Venezuela 10(2):181-230, 1909

Las Palmas de la flora venezolana (1908)

Tablas barométricas para el cálculo de alturas entre los paralelos 0° y 16° de la América Tropical. Anales Univ. Central Venezuela 8:595-640, 1907

Observaciones glaciológicas en los Andes venezolanos

HONOURS

Doctor Honoris Causa, Hamburg University

Nachtigall Medal, Geographical Society of Berlin (1928)

Honorary Member, American Geographical society of New York

Alfredo Lanari Gil

March 6, 2024

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

Alfredo Lanari Gil, Argentine clinician (Mar del Plata 09 February 1910 – Buenos Aires 23 March 1985)

Authored over 150 works

Authored an influent chapter on pathological physiology of myasthenia gravis

With A.R. Goñi. Fisiopatología de la myasthenia gravis. Medicina (Bs. Aires) 3:476, 1943

Obtained experimentally bronchiectasis by bronchial obstruction

With O. C. Croxatto. Pathogenesis of bronchiectasis: experimental study and anatomic findings. J. Thorac. Surg. 27(5):514-28, 1954

Lanari method for diagnosis of peripheral vascular affections employing acetylcholine intra-arterial injection

Alfredo Manuel Offermann

April 9, 2024

[Bibliography](https://neglectedscience.com/category/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](https://neglectedscience.com/category/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 estreches 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. Clinica 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 mégacolon. Bull. Mem. Soc. Chir. Paris 4:40, 1913

Lesiones traumáticas simultáneas 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

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 buritiensis 1975

Ammalo travassosi 1975

Citheronia bodoquena 1966 with Travassos

Cresera espiritosantensis 1958

Cresera tinguanaensis 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. Jiménez & 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 globulin gene expression. J. Steroid Biochem. Mol. Biol. 46:497, 1993

Ali Al-Rawi

February 25, 2024

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

Ali Al-Rawi, Iraqi botanist (fl. 1955 – 1987)

HONORS

Alrawia Perss & Wendebo (Asparagaceae)

SOME BIBLIOGRAPHY

With H.S. Daoud. Flora of Kuwait. Vol 1 (1985)

Flora of Kuwait. Vol 2 (1987)

With H.L. Chaakravarty. Medicinal Plants of Iraq. Bulletin n. 146, Ministry of Agriculture and Technology, Baghdad. 1964

Wild Plants of Iraq with their distribution. Government Press, Baghdad, 1964.

Poisonous plants of Iraq. Ministry of Agriculture of the Republic of Iraq. Government Press. Baghdad, 1966.

With A.A. Al-Salih. A study of the cytology of two female cultivars of date palm. Date Palm Journal 5:123-142, 1987.

Ali Al-Rawi

February 25, 2024

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

Ali Al-Rawi, Iraqi botanist (fl. 1955 – 1987)

HONORS

Alrawia Perss & Wendebo (Asparagaceae)

SOME BIBLIOGRAPHY

With H.S. Daoud. Flora of Kuwait. Vol 1 (1985)

Flora of Kuwait. Vol 2 (1987)

With H.L. Chaakravarty. Medicinal Plants of Iraq. Bulletin n. 146, Ministry of Agriculture and Technology, Baghdad. 1964

Wild Plants of Iraq with their distribution. Government Press, Baghdad, 1964.

Poisonous plants of Iraq. Ministry of Agriculture of the Republic of Iraq. Government Press. Baghdad, 1966.

With A.A. Al-Salih. A study of the cytology of two female cultivars of date palm. Date Palm Journal 5:123-142, 1987.

Ali Moustafa Mosharafa

April 3, 2024

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

Ali Moustafa Mosharafa, Egyptian theoretical physicist (Damietta 11 July 1898 – 16 January 1950)

Authored 26 papers and 15 books

Studied quantum theory, theory of relativity and relationship between radiation and matter

His books were translated into English, French, German and Polish languages

SOME BIBLIOGRAPHY

Scientific and theoretical mechanics (1937)

Descriptive engineering (1937)

Readings lang (1943)

Special theory of relativity (1943)

Planar and spatial engineering (1944)

Planar trigonometry (1944)

We and science (1945)

Atom and atomic bombs (1945)

Science and life (1946)

Geometry and trigonometry (1947)

HONOURS

Invited Lecturer, International Congress of Mathematicians (1932)

Aline Renoux

April 19, 2024

[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)

Alipio Correa Netto

February 26, 2024

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

Alipio Correa Netto, Brazilian thoracic surgeon (Cataguazes, Minas Gerais State 14 January 1898 – São Paulo 24 May 1988)

ACHIEVEMENTS

First to observe cases of cardiac thyreotoxicosis

Distinguished between achalasia in megacolon of pylorus in adults and hypertrophic stenosis from newborn babies

Idealized and realized the first rational rectosigmoidectomy

Um caso de megacólon curado pela amputação perineal intra-esfincteriana do reto. Rev. Med. São Paulo 24: 29-39, 1940.

Proposed sphincterotomy of the pelvirectal and internal anal sphincters

With E. Etzel. Le megaesophage et le megacolon devant la theorie de l'achalasie. Etude Clinique et anatomopathologic. Revista Sudamericana de Medicina y Cirurgia 5:395-421, 1934.

Conceived Duhamel-Haddad operation

With J. Haddad & A. Raia. 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.

Improved Russell method for hydrostatical dilation of cardia

Tratamento do megaesôfago pela dilatação forçada com balão hidrostático. Rev. Cirurgia São Paulo 10:397, 1934.

Modified and created new surgical techniques for tuberculosis

Perfected thyroidectomy technique

Laparotomia supra-umbilical mediana e um meio de cortar a laparocèle

With M. Amorim and independent of E. Etzel described the lesions of the intramural plexus found in patients with megaesophagus and megacolon and demonstrated the systematic character of the neuronal involvement which extends throughout the digestive tract.

With M. Amorim. Histopathologia e Pathogenese do megaesophago e megarecto. Considerações em torno de um caso de “mal de engasgo”. An. Fac. Med. Univ. S. Paulo 8:101-27, 1932

First to reproduce megaesophagus, megastomach, megabladder and megacolon in experimental Chagas'disease

With M. Okumura. Experimental production of “megas” in animals inoculated with *Trypanosoma cruzi* (in Portuguese). Rev. Hosp. Clin. Fac. Med. S. Paulo 16:338-41, 1961

Eponym of Alipio Correa Netto sign for saphenous vein malfunction

See Revista Paulista de Medicina 47(1):29-42, 1955

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

Allen & Leda Hagler

February 29, 2024

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

Allen Norton Hagler, US-born Brazilian microbiologist and biochemist (22 April 1946 –

METHODS

With F.R. Novak & J.A.G. Almeida. Teste alternativo para detecção de coliformes fecais em leite humano pasteurizado. J. Bras. Ginecol. 108(10):339-45, 1999

With D.G. Ahearn. A rapid DBB method for detection of basidiomycetous yeasts. Int. J. System. Bacter. 31(2):204-8, 1981

TAXON

Diplodascus starmeri 1997 with Phaff, Blue & Kurtzman

BRAZILIAN PATENTS

With N. Pereira Jr., M.I.M. Liberto, G.M. Valladares, M.C. Cabral, E.C. A. Eleutherio, D.I.A. Teixeira & J.M. Louzada. Processo para obtenção de etanol a partir de algas PI0819746-6 A2 (2008)

With N. Pereira Jr., M.D. Pereira, M.I.M. Liberto, G.M. Valladares, M.C. Cabral, E.C. A. Eleutherio, D.I.A. Teixeira & J.M. Louzada. Processo para obtenção de etanol a partir de algas PI0704200-0 A2 (2007)

HONOURS

Who's Who in the World, Marquis Who's Who (1995)

His wife, Leda Cristina Santana Mendonça Hagler, Brazilian microbiologist, microbial ecologist and biotechnologist

CONTRIBUTIONS

With L.A.I. Azeredo, C.D. Cunha, A. Rosado, A. Macrae, D.M.G. Freire & G.L. Santanna Jr. New group-specific 16 SrDNA primers for monitoring foaming mycolata during saline waste-water treatment. Biotech. Letters (2006)

With L.R.M. Estevão & R.S.V. Nascimento. Development of polyurethane antimicrobial composites using waste oil refinery catalyst. Ind. Engin. Chem. Res. 42:5950-3, 2003

With K. Smalla, N. Cresswell, A. Wolters & J.D.V. Elsas. Rapid DNA extraction protocol from soil for Polymerase Chain Reaction modified amplification. J. Appl. Bacter. 74:78-85, 1993

HONOURS

Honorary Member, International Committee on Yeasts (2010)

BOTH

METHODS

With M.V. Motta & F.V. Araújo. Meios para isolamento seletivo de *Saccharomyces* e outras leveduras fermentativas de ambientes tropicais. Resumos XVIII Congr. Bras. Microb. (1995)

With F.V. Araújo & A.M.K. Costa. Proposta de classificação de águas superficiais tropicais baseada nas contagens de coliformes fecais. Resumos III Encontro Nac. Microb. Ambiental (1990)

A combined urease and DBB test to detect Basidiomycetous species. Resumos IX Congr. Lat. Am. Microb. & XII Congr. Bras. Microb. (1983)

With R.B. Oliveira. Method for enumeration of yeasts on the surface of cashew and pink mango fruits. Resumos VIII Congr. Bras. Microb. (1977)

TAXA (Yeasts)

Candida amapae 1995 with Moraes, Rosa & Meyer

Candida middelhoveniana 2011 with Ribeiro, Carvalho, Cabral & Barbara

Candida populi 1989 with Phaff

Kazachstania bromeliacearum 2012 with Araújo, Rosa, Freitas, Lachance & Martini

TAXA (References)

With G.I. Naumov & E.S. Naumova. A new genetically isolated population of the *Saccharomyces sensu stricto* complex from Brazil. Antoine Van Leeuwenhoek 67(4):351-5, 1995

With G.A. Lemos, P. Valente & D. Pimentel. Characterization of *Saccharomyces paradoxus* and a new species of *Saccharomyces* from Brazilian ecosystems. Abstracts, VII Int. Symp. Microbial Ecology (1995)

Desoxyribonucleic acid base composition of a new yeast species similar to *Torulopsis maris*. Resumos, XXVII Reun. Anual Soc. Bras. Progr. Ciencia (1976)

New species of *Torulopsis* isolated from polluted seawater in Rio de Janeiro, Brazil. Resumos, XXVIII Reun. Anual Soc. Bras. Progr. Ciencia (1975)

HONORS

Hagleromyces Sousa, Morais, Lachance & Rosa 2014 (Yeasts)

Aloysio de Castro

February 26, 2024

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

Aloysio de Castro, Brazilian clinician (Rio de Janeiro 14 June 1881 – Rio de Janeiro 07 October 1959)

Wrote about 50 pieces for voice and piano

ACHIEVEMENTS

First to use cinematography on lateral gait

Used flank walk as a sign of ataxia

Described the deviation of position of upper limbs during gait in athetosis

First to use cinematography on runoff gait in beribéri

Demonstrated that in some certain types of paralysis agitans there is a similarity with rhizomelic spondylosis (1911) independently from Tilne

Pointed out the sign of the ocular sprocket in the side excursions of Parkinson's syndrome

Pointed out the diadochokinesia as a sign of Huntington chorea (1912)

First to point out the importance of synkinesias in athetosis (1912) before Pierre Marie & Foix

Described the triangle deviation of the mouth in facial paralysis

Reported the third case of Recklinghausen syndrome with acromegaly but the first case of this association with pathogenic relations (1911)

Described Tapia pseudo-syndrome

Reported Babinski sign in common anemias (1926) and benign jaundice

Reported the Brudzinski centro-lateral reflex in adult meningitis

Described local skin reflex of mentum (1926)

Described a new kind of reflex of automatism in hemiplegia

Described a type of extension of the large toe in hemiplegia simultaneously with the associated bending motion antagonist to Cacciapuoti paretic thigh

With Oscar de Souza proposed the term genito-glandular dystrophy (1917)

Described the first case of dextrocardia, transposition of stomach, liver and spleen without gastric inversion

With Baptista & Schilde concluded the constancy of pituitary duct in Felidae

Named oxycephalus-syndactyly

Described 2 new hypermetric tests being one of them the handshake sign

Described the phenomenon of bilateral forced flexion in hemiplegic coma

Developed a special test for studying the asynergy in the walk

Reported the phenomenon of fingers dance in spasmodic hemiplegia

Verified the constancy of muscle hypotonia in diabetes

EPONYMY

Aloysio de Castro manoeuvre

Sobre a interpretação do sinal de Babinski. Brasil Médico, 1927.

Aloysio de Castro sign

Sinal de Brudzinski na meningite dos adultos. Brasil Médico, 1912.

Aloysio de Castro sign or statue face in periferic facial diplegia

Evolution et aspects cliniques de la diplegie faciale. Revue Neurologique (1919)

BIBLIOGRAPHY

Brasil Medico XLVIII (44):920-4, 1934

Francisco de Castro

His father, Francisco de Castro, physician (Salvador 17 September 1857 – Rio de Janeiro 11 October 1901)

First to describe angina pectoris in beriberi before Pekelharing and Winkler

First to draw the attention of beriberi uremia without albuminuria

Observed bradypnea in the bronchi

Described angina vera attacks in patients with mitral stenosis in Tratado de Clinica Propedeutica (1896) that Magalhães Gomes named Francisco de Castro syndrome in Brasil Medico (1939)

Reported the clinical hybridism between typhoid fever and malaria independently of German Julius Mannaberg (1889)

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 oculta 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 squamidioides 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

Sehnembryum Lewinsky-Haapasaari & Hedenäs 1998 (Musci)

Alpheus Fuller Williams

June 30, 2024

[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)

Alphonse Richard Hoge

February 29, 2024

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

Alphonse Richard Hoge, Brazilian herpetologist (Cacequi, Rio Grande do Sul State 05 September 1912 – São Paulo 25 February 1982)

From Belgian father

Authored 113 herpetological papers

DESCRIBED VALID REPTILIA TAXA

Genera

Ditaxodon 1958

Gloydus 1981 with Romano

Gomesophis 1959 with Mertens

Protobothrops 1983 with Romano

Species

Atropoides occiduus 1966

Bothrops brazili 1954

Bothrops marajoensis 1966

Bothrops moojeni 1966

Bothrops pradoi 1948

Bothrops sanctaerucis 1966

Corallus cropanii 1953

Liophis mossoroensis 1973 with Lima Verde

Lygophis paucidens 1953

Micrurus tricolor 1956

Oxyrhopus guibei 1977 with Romano

Phalotris mertensis 1955

Psychosaura macrorhyncha 1946

Rhinocerocephalus fonsecai 1959 with Belluomini

Trimeresurus brongersmai 1969

Subspecies

Bothriopsis bilineata smaragdina 1966

Crotalus durissus marajoensis 1966

Crotalus durissus ruruima 1965

Dipsas indica petersi 1975

Hydrodynastes bicinctus schultzi 1966

Lachesis muta rhombeata 1978 with Romano

HONORS

Associate Researcher, Smithsonian Institute, Duke University & Michigan University

BIBLIOGRAPHY

Mem. Inst. Butantan 46:1-12, 1982 (complete bibliography)

Aluizio Licinio de Miranda Barbosa

February 26, 2024

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

Aluizio Licinio de Miranda Barbosa, Brazilian geologist and petrologist (Alto do Rio Doce, Minas Gerais State 03 July 1916 – Belo Horizonte 23 September 2013)

Co-described mineral species moraesite

With M.L. Lindberg & W.T. Pecora. Moraesite, a new hydrous beryllium phosphate from minas gerais, Brazil. *American Mineralogist* 38:1126–33, 1953

SOME BIBLIOGRAPHY

With J.H. Grossi Sad. Batólito granítico da Serra dos Órgãos, estado do Rio de Janeiro, Brasil. Contribuição a geologia e petrologia. Bol. Espec. Nucleo Minas Gerais (1985)

Reservas de minérios de ferro da Jazida de Periquito, Itabira, MG (1974)

With J.H. Grossi Sad & J.V. N. Dorr II. The “consanguineous” origin of a tourmaline-bearing gold deposits (discussion and reply): Passagem de Mariana (Brazil). *Econ. Geol.* 69(3):416–9, 1974

With J.H. Grossi Sad. Tectonic control of sedimentation and trace-element distribution in iron ores of central Minas Gerais. *Proceed. Kiev Symp. UNESCO Earth Sciences* 9:125–31, 1970

With J.H. Grossi Sad & N. Torres. Geologia da região do Médio Rio Doce. *Publ. Soc. Bras. Geol* 2 (1966)

Interpretação de algumas idades absolutas de rochas precambrianas dos geossinclinais do Espinhaço e da Mantiqueira, no Escudo Brasileiro. *Bol. Inst. Geol.* 1(3-4):115–24, 1966

Síntese da evolução geotectônica da América do Sul. *Bol. Inst. Geol.* 1:91–111, 1966

With J.H. Grossi Sad. Nomenclatura de campo de gnaisses e granitos. *Bol. Inst. Geol.* 1(3-4):8, 1966

With J.V. N. Dorr II. Geology and ore deposits of the Itabira district, Minas Gerais, Brazil. *Geol. Surv. Prof. Pap.* 341 (1963)

Tectonica do Quadrilátero Ferrífero de Minas Gerais. *SICEG* 1:49–54, 1961

Serie Itacolomi. *Publ. Esp. Dept. Nac. Prod. Mineral* 1:20–2, 1960

With J.V. N. Dorr II & G.C. Simmons. Estratigrafia do Quadrilátero Ferrífero de Minas Gerais. *Engenh. Miner. Metal.* 29(170):75–9, 1959

With C.F. Park Jr., J.V.N. Dorr II & P.W. Guild. Notes on manganese ores of Brazil. *Econ. Geology* 46(1):1–22, 1951

With W.T. Pecora, M.R. Klepper, D.M. Larrabee & R. Frayha. Mica deposits in Minas Gerais, Brazil. *Bull. U.S. Geol. Surv.* 964C:205–305, 1950

With W.T. Pecora, G. Switzer & A.T. Myers. Structure and mineralogy of the Golconda pegmatite, Minas Gerais, Brazil. *Am. Mineralogist* 35(9–10):889–901, 1950

Dados fundamentais sobre os pegmatitos. *Rev. Esc. Minas Ouro Preto* 15(4):57–71, 1950

Reservas brasileiras de minério de ferro. *Obs. Econ. Financ.* 15(176):70–7, 1950

Geologia da região de foz do rio Guanhães, Minas Gerais. *Thesis* (1949)

With A.C. Coelho. Gnaiss conglomerático da foz do rio Guanhães. *Min. Metal.* 14(80):54–6, 1949

With M.R. Klepper. Mica no Pequeri, Bicas, Minas Gerais (1946)

With W.T. Pecora. Jazidas de níquel e cobalto de São José do Tocantins, Estado de Goiás. *Bol. Div. F.P.M., Dept. Nac. Prod. Mineral* 64 (1944)

Mica em Governador Valadares (1944)

HONORS

Barbosalite Lindberg & Pecora 1955 (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 Alvim

February 25, 2024

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

Alvaro Freire de Villalba Alvim, Brazilian radiologist (Vassouras, Rio de Janeiro State 16 April 1863 – Rio de Janeiro 21 May 1928)

ACHIEVEMENTS

Obtained the first radiography of xiphopagus in the world (1897) permitting Chapot-Prevost perform his operation.

Invented leaded paper

His father, Carlos Freire de Villalba Alvim, Brazilian Army officer (Rio de Janeiro State 1833 – Rio de Janeiro 22 October 1909)

From Uruguayan father

BRAZILIAN PATENTS (with Jorge Alberto Vinchon)

Açougues volantes, systema Villalba nº876 (1890)

Carroças, systema Villalba, destinadas a transporte de lixo (1890)

Novo systema de tilburys para duas pessoas denominado Tilburys Federaes nº 939 (1890)

Novo systema de carroça para transportar móveis, bagagens etc. nº 945 (1891)

Novo systema de carroças denominadas Armazéns Ambulantes Villalba nº 953 (1891)

Novo systema de breaks denominado Breaks Villalba nº 1045 (1891)

Novo systema de carros-salões e de ambulâncias, servindo também para pessoas idosas e inválidas denominado Systema Villalba nº 1121 (1892)

Alvaro Froes da Fonseca

February 28, 2024

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

Alvaro Fróes da Fonseca, Brazilian anatomist and anthropologist (Porto Alegre 26 March 1890 – 1988)

Reported possibly an unique case in anatomic literature about anastomosis in cranial nerves

De Nature lusu. Sobre uma anastomose entre os IX e XII pares craneanos. Doctoral Thesis (1914)

Reported a variety of pelvic colon

1 – Sobre uma variedade do colon pelvico. Descrição e apresentação da peça. 2 – Ligamentos do joelho. Comm. Soc. Med. Bahia (1921-5)

ACHIEVEMENTS

Created a new anthropometric index the superoinferior index of body (1926)

Idealized diameters and indices such as bucal, bi-orbital, interoculo nasal, nasal bizygomatic and Froes da Fonseca tibio-pelvic indices

A new index relating to upper and lower halves of sternal body, presented a new technique for measuring sternum and proposed the relation between mean width and length in Contribuição da anatomia do esterno (1926)

Modified Dubois cephalization formula and Lapicque radio-pelvic index

Modified Kruse scale (Froes-Kruse scale)

Developed new models of notecards for anthropometric measures in As novas fichas antropológicas do Museu Nacional (1926) improved in 1933

Invented multimeter leveller

Eponym of Froes da Fonseca technique (gasserectomy with conservation of motor roots)

HONORS

Life Member, Anatomisch Gesellschaft (1939)

Alvaro Mones

April 3, 2024

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

Alvaro Jaime Mones Sibillotte, Uruguayan paleontologist (Montevideo 07 August 1942 –

DESCRIBED FOSSIL VERTEBRATA TAXA

Genera

Acremylodon 1986

Anatochoerus 1991 with Vucetich

Gondwanatheria 1987

Josephoartigasia 1966

Kiyutherium 1965 with Francis

Meridiosaurus 1980

Ricardocifellia 2015

Sphaerovum 1980

Tacuarembovum 1980

Uruguayurus 1987

Yacararani 2009 with Novas, Pais, Pol, Carvalho, Scanferla & Suarez-Riglos

Species

Anatochoerus inusitatus 1991 with Vucetich

Cardiatherium talicei 1965 with Francis

Ctenomys mesorhinus 1979 with Castiglioni

Ctenomys praderii 1979 with Castiglioni

Josephoartigasia magna 1966 with Francis

Kiyutherium orientalis 1965 with Francis

Lagostomus (Lagostomus) euplasma 1966 with Francis

Marmosa contrerasi 1980

Meridiosaurus vallisparadisi 1980

Microcavia (Microcavia) aua 1979 with Castiglioni

Neochoerus lancei 1980

Phoberomys pattersoni 1980

Platygonus ticul 1971

Pseudoplohophorus francisi 1970

Sphaerovum erbeni 1980

Tacuarembovum oblongum 1980

Uruguayurus autochthonus 1987

Yacararani boliviensis 2009 with Novas, Pais, Pol, Carvalho, Scanferla & Suarez-Riglos

HONORS (Fossil)

Monesichnus Roselli 1987 (Insecta)

Monesedeiphus Beltan 1990 (Pisces)

Alvaro Osorio de Almeida

February 25, 2024

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

Alvaro Osorio (Ozorío) de Almeida, Brazilian physiologist (Porto Alegre 06 November 1882 – Rio de Janeiro 06 May 1952)

Brother of physiologist Miguel Osorio de Almeida

ACHIEVEMENTS

Created a phenolphthalein relative, the nephthol-β and developed a new treatment method for ancylostomiasis employing it

Invented ureterovenous anastomosis (1927)

Established the oxygen tolerance range under pressure in little mammals

Demonstrated that radiations produce pathological changes in tissues through free radicals formation

Recherches sur l'action toxique des hautes pressions d'oxygene. Comp. Rend. Mem. Soc. Biol. 115:1225-7, 1934

Developed a technique for central nervous system destruction employing injection of hypertonic solutions of sodium chloride into cisterna magna under pressure (1923)

Created cineradiotherapy (1937) and other roentgen therapy techniques

Regarded as world pioneer on hyperbaric hyperoxia related to leprosy and gaseous gangrene treatment (1937-8)

Discovered that basal metabolism depends on usual metabolism

Discovered that basal metabolism of a person with moderate physical activity decreases gradually when one moves from a temperate climate to a tropical climate without change (his/her) life mode (it no occur in active people)

Suggested that metabolic rate was proportional to the normal average metabolism, depending on the individual lifestyle, the climate where one lives and the skin surface

Developed a new method for determination of calorimeters constants (1917)

Developed a new technique for studying equilibrium between water, organic salts and organic compounds in animals (1928)

A new process for determination of projection velocity of nervous influx by hearing (1924)

Performed original studies on cellular oxidations

With Gley studied endocrine organs of many Brazilian rodents and marsupial mammals (1923)

Demonstrated the influence of cutaneous reflexes upon metabolism (1926)

With O.B. de Couto e Silva & E. Roquette Pinto. Sobre um novo veneno sagitário dos índios Purus-Borós. Anais Acad. Bras. Ciencias (1926)

Authored a number of studies about temperature and metabolism of weasel, armadillo and bat

Developed a process for obtaining and storing solar energy (1927)

DID YOU KNOW?

Famous French scientists like Gley, Lapique, Pieron, Laugier, Hadamard, Langevin, Marie and Irine Curie beyond Albert Einstein visited his laboratory

LINKS

<http://www.dichistoriasaude.coc.fiocruz.br/iah/pt/verbetes/almalvoz.htm> (in Portuguese; bibliography)

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'ammoniaque 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 haute temperature et dans une forte pression. Comptes Rendus 36:230 & 411, 1853

Memoire sur la presence du sucre dans le urines 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 Academie 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 Santos Costa

February 26, 2024

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

Álvaro Santos Costa, Brazilian plant pathologist (Sorocaba, São Paulo State 09 January 1912 –Campinas, São Paulo State 18 August 1998)

ACHIEVEMENTS

Considered as one of leading plant virologists in the world

Authored about 100 papers

Performed classical and pioneer studies on survey, identification, characterization and epidemiological studies of viruses affecting horticultural crops

Identified carrot motley dwarf virus

Described bean golden mosaic disease (1965)

Described *Colletotrichum gossypii* South var. *cephalosporioides*, the fungus that causes ramulosis disease of cotton (1935-6)

Described cassava vein mosaic disease (1940)

Described tomato yellow top virus (1949)

Described Brazilian tomato curly top virus (1949) with C.W. Bennett

With C.W. Bennett described *Euphorbia* mosaic bigeminivirus (1950)

Described cotton anthocyanosis virus (1956)

First to report tomato spotted wilt virus in groundnut (1941)

Identified papaya ringspot virus as the limiting production factor for papaya

Discovered that degeneration of strawberry culture was due to the accumulation of at least four different viruses compounded by continuous vegetative propagation

Characterized virus and phytoplasma diseases of cassava and demonstrated that the Brazilian and African cassava mosaics were caused by different viruses

Authored pioneering work on whitefly-transmitted diseases in several cultivated and wild plants

With T.J. Grant discovered mild strains of citrus tristeza virus (1951) and with G.W. Mueller used it for cross protection against severe strains

With F.M. do Nascimento & H.E. Borges discovered that bronzy of cotton plant is due to a mite (1955)

Described the morphology of virus tristeza

With D.M. Silva, A.R. Oliveira, G.W. Muller e E. W. Kitajima. Thread-like particles associated with tristeza disease of citrus. *Nature* 201 (4923):1011-2, 1964

With E.W. Kitajima, G.W. Muller & V.A. Yuki. Short rod-like particles associated with citrus leprosis. *Virology* 50:254-8, 1972 (demonstrated the citrus leprosis virus)

Described chicote de Piralima

With H.S. Prates & G.W. Muller. Chicote, anomalia da Piralima de causa desconhecida. *Summa Phytopathol.* 7(1-2):18-9, 1981

With E.W. Kitajima & J.A. Betti. Strawberry veinbanding virus, a member of the cauliflower mosaic group. *J. Gen. Virol.* 20:117-8, 1973

With C.M. Franco. A virus technique useful to diagnose foliar deficiencies. *Plant Physiol.* 26:6250-8, 1951

With Krug described purple bud of White potato (1937)

Demonstrated that vira cabeça disease of tomato and tobacco was caused by Orthotospovirus

Uma anomalia das folhas do mamoeiro. *O Biológico* 7(10):285-6, 1941

Duas novas moléstias de vírus do feijoeiro (*Phaseolus vulgaris* L.). *O Biológico* 7:177-82, 1941

With A.R. Lima & R. Forster. Necrose branca, uma moléstia de vírus do fumo (*Nicotiana tabacum* L.) e “fumo couve” como sintoma tardio. *J. Agron. S. Paulo* 3:1-26, 1940

With R. Forster. Nota preliminar sobre uma nova moléstia de vírus do algodoeiro. Mosaico das nervuras. *Rev. Agric.* 13:187-91, 1938

Found Pernambuco witches broom (1977)

With E.W. Kitajima observed Santa Barbara do Rio Pardo witches broom of cassava (1969)

With V.R. Caetano & E.W. Kitajima. Espiga branca do trigo, uma possível moléstia de vírus. *Bragantia* 20:61-4, 1970

With H.P. Krug. Eine durch *Ceratostomella* hervorgerufene Welkekrankheit der *Crotalaria juncae* in Brasilien. *Phytopath. Zeitschr.* 8:507-13, 1935

With H.P. Krug. Conditioning of the plant by one virus necessary for systemic evasion of another. *Phytopath. Zeitschr.* 65:219 -30, 1969

HONORS

Elected Fellow, American Association for the Advancement of Science (1957)

Award of Merit, American Phytopathological Society (1972)

LINKS

<http://apsjournals.apsnet.org/doi/pdf/10.1094/PHTO.1999.89.2.112>

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

Espátulas 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](#) 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

Alvino Braun

February 26, 2024

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

Alvino Bertholdo Braun, Brazilian jesuit, naturalist, folklorist and journalist (Estrela, Rio Grande do Sul State 21 September 1901 – Florianópolis 28 July 1964)

SOME BIBLIOGRAPHY

Estudo sobre as Phalloidea rio-grandenses (1932)

Elementos de Mineralogia e Geologia

Alguns dados sobre o relevo de Santa Catarina. Rev. Inst. Hist. Geogr. Santa Catarina 13:95-105, 1944

HONORS

Brauniella Rick 1955 (Fungi)

Alwine Bertels

February 26, 2024

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

Alwine Bertels Psocka, Argentine micropalaeontologist (Rafaela, Santa Fe Province 10 January 1930 – 23 November 2001)

Authored 65 publications between papers and books chapters

DESCRIBED

Fossil Ostracoda

Subfamily

Rocaleberidinae 1969

Genera

Huantraiconella 1968

Neoveenia 1969

Rocaleberis 1969

Wichmannella 1969

Protocosta 1970

Harringtonia 1975

Frenguellicythere (with Martinez) 1999

Fossil Foraminifera

Genus

Hiltermannella 1971

HONORS

Bertelsiana Rossi de Garcia & Proserpio 1980 (Fossil Ostracoda)

Woman of Year, International Biographic Center, Cambridge (1992-3)

Amal Kumar Raychaudhuri

April 19, 2024

[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](https://neglectedscience.com/category/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

Ambat Gopalan Kutty Menon

April 3, 2024

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

Ambat Gopalan Kutty Menon, Indian ichthyologist and zoogeographer (19 April 1921 – 11 April 2002)

Authored over 100 scientific papers

DESCRIBED VALID PISCES TAXA

Genera

Echathalakenda 1999

Horaglanis 1950

Petruichthys 1987

Species

Acentrogobius ennorensis 1980 with Rema Devi

Bascanichthys deraniyagalai 1961

Callogobius andamanensis 1974 with Chatterjee

Callogobius trifasciatus 1976 with Chatterjee

Crossocheilus periyarensis 1996 with Jacob

Cynoglossus lachneri 1977

Garra ethelwynnae 1958

Gaterin rayi 1972 with Talwar

Glyptothorax manipurensis 1955

Horaglanis krishnai 1950

Horabiosia palaniensis 1994 with Rema Devi

Hypselobarbus kurali 1995 with Rema Devi

Kraemicus smithi 1973 with Talwar

Lepidocephalichthys coromandelensis 1992

Mesonoemacheilus petrulanarescui 1984

Nemacheilus kodaguensis 1987

Neonoemacheilus assamensis 1987

Noemacheilus nagaensis 1987

Noemacheilus nilgiriensis 1987

Oxyurichthys nijsseni 1977 with Govindan

Pangio longipinnis 1992

Psilorhynchus pseudecheneis 1964 with Datta

Puntius chalakkudiensis 1999 with Rema Devi & Thobia

Puntius manipurensis 2000 with Rema Devi & Vishwanath

Puntius mudumalaiensis 1992 with Rema Devi

Puntius sharmai 1993 with Rema Devi

Schistura gangetica 1987

Schistura himalachensis 1987

Schistura horai 1952

Schistura kangrae 1952

Schistura sijuensis 1987

Schistura singhi 1987

Schizothorax kumaonensis 1971

Tor kulkarnii 1992

Triplophysa shehensis 1987

Valid Cnidaria

Genus

Octocannoides 1932

Species

Alatina madraspatana 1930

Koellikerina constricta 1932

Malagazzia multitentaculatum 1932

Octocannoides ocellata 1932

Octophialucium solidum 1932

LINKS

<http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

Ameghino brothers

February 25, 2024

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

Florentino Ameghino, Argentine paleontologist (Luján, Buenos Aires Province 18 September 1854 – La Plata 06 August 1911)

Son of Italian parents. Some say that his name was Juan Bautista Fiorino José Ameghino and that was born in Italy.

ACHIEVEMENTS

Gained world renown for his studies about Terciarian and Quaternarian mammalia from Argentina

Discovered over 6,000 fossil species being most of them new to science (of these 450 were new species of Fossil Mammalia)

Created and named 35 suborders of Fossil Mammalia

Described 3 orders, 1 suborder, 3 families, 6 genera e 2 subspecies of Living Mammalia

Joined to his brother Carlos both described 642 genera of Fossil Mammalia, 41 of Fossil Birds, 7 of Fossil Reptilia, 7 of Fossil Fishes and 1 of Fossil Amphibia.

Recognized 90 sedimentary formations

Proposed a new system of shorthand, the Ameghino shorthand (1880)

Une nouvelle industrie lithique. L'industrie de la pierre fendue dans le tertiaire de la region littorale au Sud de Mar del Plata (1910)

HONORS

Ameghinotherium Podestá 1898 (Fossil Mammalia)

Ameghinomya Ihering 1907 (Gastropoda)

Florentinites Spegazzini 1924 (Fossil Plants)

Florentinoameghinia Simpson 1932 (Fossil Mammalia)

Ameghinichnus Casamiquela 1961 (Ichnogenus Mammalia)

Ameghinornis Mourer-Chauviré 1981 (Fossil Birds)

Ameghinoceratodus Apesteguía, Agnolin & Claeson 2007 (Fossil Pisces)

Ameghinoite Aristarain & Hurlbut 1967 (Mineral)

Carlos Ciriaco Ameghino, Argentine paleontologist and collector (Luján, Buenos Aires Province 16 June 1865 – Buenos Aires 12 April 1936)

ACHIEVEMENTS

Discovered 108 new species of Terciarian Mammalia

Discovered Phororhacoids birds from Argentina (1887)

HONORS

Ameghiniella Spegazzini 1888 (Fungi)

Ameghinoa Spegazzini 1897 (Asteraceae)

Caroloameghinia Ameghino 1901 (Fossil Mammalia)

Ameghinoites Spegazzini 1924 (Fossil Plantae)

Ameghinoceratodus Apesteguía, Agnolin & Claeson 2007 (Fossil Pisces)

Carolites Spegazzini 1924 (Fossil Plantae)

Ameghinoite Aristaraín & Hurlbut 1967 (Mineral)

Americo Braga

February 26, 2024

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

Américo de Souza Braga, Brazilian veterinarian (Santarém, Pará State 18 January 1889 – Niterói, Rio de Janeiro State 09 July 1947)

Authored nearly 80 works, between them a four-tome book named Soros, Vacinas, Alérgenos e Imunógenos (1940-2), gaining international repercussion

Developed a lipoidic vaccine for anthrax

With V. Brazil. Da importância dos lipoides no preparo da vaccina contra o carbúnculo hemático. Bol. Inst. Vital Brazil 17:1-21, 1935

SOME BIBLIOGRAPHY

With Affonso Fonseca. Noções sobre a tristeza parasitária dos bovinos (1923)

Diagnóstico de uma doença no Estado do Espírito Santo. Bol. Soc. Bras. Med. Vet 1:3, 1924

With A. Fonseca. *Boophilus microplus* e sua possível secreção hemolytica, coagulante ou proteolytica. Bol. Soc. Bras. Med. Vet 3(1):14-26, 1927

With M. Alves de Souza. Coccidiose em cobaya. Rev. Zootechn. Vet. 17(1):11-14, 1931

Pachydermia papilomatosa intern inguinaris bei den Rindern. Rev. Zootechn. Vet. 17:228-32, 1931

With V. Brazil. Da importância dos lipoides no preparo da vaccina contra o carbúnculo hemático. Bol. Inst. Vital Brazil 17:1-21, 1935

Fälle Von rattenbisskrankheiten beim Hund. Bol. Soc. Bras. Med. Vet., 1937

Observações e pesquisas em torno da peste suína no Brasil. Bol. Inst. Vital Brazil 19:5-99, 1937

Aujeszkysche krankheit. Jahresb. Vet. 56:84, 1937

Notas Cyto-Biologicas. Bol. Inst. Vital Brazil 22, 1939

With Ascanio Faria. Neuro-histopatologia da cinomose dos cães de caça

Etude hematologique et urologique de l'anaplasmosse

Americo Pomales Lebron

April 16, 2024

[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](#) 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 disenteria 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](#) 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

Parachoanotaenia 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 See <http://www.diplectanum.dsl.pipex.com/rego>.

Amilcar Vianna Martins

April 3, 2024

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

Amilcar Vianna Martins, Brazilian parasitologist and medical entomologist (Belo Horizonte 09 September 1907 – Belo Horizonte 13 April 1990)

Showed the worth of fecal test by water spontaneous sedimentation for diagnosing schistosomiasis

Diagnostico de laboratorio da esquistossomose mansoni. Dissertation, Fac. Med. Univ. Federal Minas Gerais (1949)

DESCRIBED TAXA

Diptera

Genus

Barrettomyia 1965 with Silva

Species

Brumptomyia ortizi 1971 with Falcão & Silva

Evandromyia termitophila 1964 with Falcão & Silva

Lutzomyia abunaensis 1965 with Falcão & Silva

Lutzomyia acanthopharynx 1962 with Falcão & Silva

Lutzomyia alencari 1962 with Falcão & Souza

Lutzomyia appendiculata 1961 with Falcão & Silva

Lutzomyia bacula 1965 with Falcão & Silva

Lutzomyia borgmeieri 1972 with Falcão & Silva

Lutzomyia calcarata 1964 with Silva

Lutzomyia caligata 1965 with Falcão & Silva

Lutzomyia callipyga 1965 with Silva

Lutzomyia capixaba 1987 with Falcão, Silva & Dias 1987

Lutzomyia cipoensis 1964 with Falcão & Silva

Lutzomyia conviti 1976 with Ramírez Perez & Ramírez

Lutzomyia correaimai 1970 with Coutinho & Luz

Lutzomyia cuzquena 1975 with Llanos & Silva

Lutzomyia diacantha 1965 with Silva

Lutzomyia dispar 1963 with Silva

Lutzomyia dubia 1965 with Falcão & Silva

Lutzomyia elegans 1976 with Silva & Llanos

Lutzomyia eurypyga 1963 with Falcão & Silva

Lutzomyia evangelistai 1971 with Fraiha

Lutzomyia (Psychodopygus) fairtigi 1970

Lutzomyia ferreirana 1956 with Barretto & Pellegrino

Lutzomyia firmatoi 1956 with Barretto & Pellegrino

Lutzomyia flabellata 1964 with Silva

Lutzomyia fraihai 1979 with Falcão & Silva

Lutzomyia gasparviannai 1962 with Godoy & Silva

Lutzomyia goiana 1962 with Falcão & Silva

Lutzomyia hermanlenti 1970 with Falcão & Silva

Lutzomyia inornata 1965 with Falcão & Silva

Lutzomyia ischnacantha 1962 with Falcão, Souza & Silva

Lutzomyia machupicchu 1975 with Llanos & Silva

Lutzomyia mangabeirana 1963 with Falcão & Silva

Lutzomyia oliveirai 1970 with Falcão & Silva

Lutzomyia omagua 1976 with Llanos & Silva

Lutzomyia paulwilliamsi 1977 with Falcão & Silva

Lutzomyia petropolitana 1968 with Silva

Lutzomyia pusilla 1986 with Dias, Falcão & Silva

Lutzomyia quechua 1975 with Llanos & Silva

Lutzomyia ramirezi 1982 with Falcão, Silva & Miranda

Lutzomyia renei 1957 with Falcão & Silva

Lutzomyia rondoniensis 1965 with Falcão & Silva

Lutzomyia rugarupa 1976 with Falcão & Silva

Lutzomyia rupicola 1962 with Godoy & Silva

Lutzomyia sherlocki 1971 with Falcão & Silva

Lutzomyia souzalopesi 1970 with Falcão & Silva

Lutzomyia spathotrichia 1963 with Falcão & Silva

Lutzomyia teratodes 1964 with Falcão & Silva

Lutzomyia torrealbai 1979 with Ordoñez & Falcão

Sergentomyia schreiberei 1975 with Falcão & Silva

Hemiptera

Species

Spiniger lenti 1942

Triatoma arthurneivai 1940 with Lent

HONORS

Subgenus *Viannamyia* Mangabeira Filho 1941 (Diptera)

Amin El Nawawy

February 27, 2024

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

Amin S. El Nawawy, Egyptian agronomist and microbiologist

With S.O.Gnan. Isolation and propagation of new methanol-utilizing microorganisms. Biotech. Bioengin.(1983)

Utilization of bagasse pith for the production of fodder yeast by a new isolate of *Candida pelliculosa* (1969)

With M. Fahmy & Y. Abdel Malek. Isolation and identification of a new strain of yeast suitable for growth on pentose substrates. 1st Conf. Microbiol. (1965)

PATENT

With I.Y. Hamdan, I.M. Banat & N.M. Al-Awadhi. Process and microorganisms for producing single cell protein. US5314820A (1987)

Amiya Kumar Ghosh

February 28, 2024

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

Amiya Kumar Ghosh, Indian palaeopalynologist (Arrah, Bihar 1905 – Ranchi 18 January 1985)

Concluded that vascular plants have existed in Cambrian epoch

Did vascular plants exist in Cambrian time? (1950)

Observed that the frequency of grains with more colpi increased with the older horizons of the Pre-Miocene formations

Proved the usefulness of plant microfossils in the correlation of coal seams

With J. Sen. A study of microfossils and the correlation of some productive coal seams of the Raniganj Coalfield, Bengal, India. Trans. Min. Geo. Met. Inst. India 43:67-95, 1948

With S.S. Ghosh described the fossil plant species *Anisopteroxylon jawalamukhi* 1958 and *Dipterocarpoxyton malavii* 1959

Papers in Nature (review)

Occurrence of microflora in the Salt Pseudomorph Beds, Salt Range, Punjab. Nature 160:796, 1947

Spores and tracheids from the Cambrian of Kashmir. Nature 169:1056, 1952

Ephedra type of pollen grains from the Pre-Siwalik sediments of Punjab. Nature 198:408, 1963

HONORS (Fossil)

Ghoshia Mandal & Maithy 1984 (Algae)

Ghoshialepis Banerjee 1984 (Plantae)

Ghoshiadites Nandi 1981 (Sporae/Pollen)

Ghoshispora Srivastava 1966 (Sporae/Pollen)

Ghoshiatriletes D'Rozario & Banerjee 1987 (Sporae/Pollen)

Ana Maria Cetto

February 26, 2024

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

Ana María Cetto Kramis, Mexican physicist (Ciudad de Mexico 18 February 1946 –

From German father and Swiss-descent mother

Authored 110 papers and 11 books

With L. de la Peña developed a formalism in stochastic quantum mechanism that properly distinguishes classical from quantum stochastic processes

Established various quantum effects of the zero-point field

Made central contributions to stochastic electrodynamics being invited to write the book *The Quantum Dice: An Introduction to Stochastic Electrodynamics* (1996)

SOME BIBLIOGRAPHY (with L. de la Peña)

With A. Valdés Hernandez. Quantum behavior derived as an essentially stochastic phenomenon. *Phys. Scripta* T151 (2012)

With A. Valdés Hernandez. Quantization as an emergent phenomenon due to matter zero-point field interaction. *J. Phys. Conf. Series* 361(1), 2012

With A. Valdés Hernandez. Quantum mechanics as an emergent property of ergodic systems embedded in the zero-point radiation field. *Found. Phys.* 39:1240, 2009

Electron system correlated by the zero-point field: physical explanation for the spin-statistics connection. *J. Phys. Conf. Series* 701(1), 2008

The foundations of linear stochastic electrodynamics. *Found. Phys.* 36(3), 2006

Contribution from stochastic electrodynamics to the understanding of quantum mechanics (2005)

Planck's law as a consequence of the zero-point radiation field. *Rev. Mex. Fisica* 48:1-8, 2002 (Suppl.)

Quantum theory and linear stochastic electrodynamics. *Foundations of Physics* 31(12):1703-31, 2001

Estimate of Planck's constant from an electromagnetic Mach principle. *Foundations of Physics Letters* 10(6):591-8, 1997

Simple relationship between energy and adiabatic invariants for systems with a power-law potential. *Am. J. Physics* 52:539-42, 1984

Schrödinger equation derived from stochastic electrodynamics. *Phys. Letters A* 62(6):389-90, 1977

Derivation of quantum mechanics from stochastic electrodynamics. *J. Math. Phys* 18:1612, 1977

Stochastic electrodynamics as a foundation for quantum mechanics. *Phys. Lett* 56(4):253-4, 1976

Stochastic theory for classical and quantum mechanical systems. *Found. Physics* 5:355-70, 1975

The harmonic oscillator in a random electromagnetic field: Schrödinger equation and radiative corrections (1974)

Stronger form for the position-momentum uncertainty relation. *Phys. Lett. A* 39:65, 1972

Self-interaction corrections in a nonrelativistic stochastic theory of quantum mechanics (1971)

Lagrangian form of stochastic equations and quantum theory *Phys. Lett. A* 29:562-3, 1969

HONOURS

Segner Award (2005)

Doctor Honoris Causa, Tajikistan National University (2007)

Honorary Doctorate, Azerbaijan National Academy of Sciences (2010)

Honorary Member, Royale Academie Belge des Sciences de Outre-Mer (2012)

Ana Maria Giulietti

February 28, 2024

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

Ana Maria Giulietti Harley, Brazilian botanist (Pesqueira, Pernambuco State 03 November 1945 –

Born Ana Maria de Barros Lima (the second marriage to US botanist Raymond Mervyn Harley)

Authored studies on plant anatomy, chemistry and ecology

With C.S. Dias, M.D. Moura, A.G.S. Cabral, S.G.R. Mota, E.V.L. Cunha, T.M.S. Silva & J.M. Barbosa Filho. Nueva feofitinas aisladas de *Anisacanthus brasiliensis* Lindau (Acanthaceae). LabCiencia com noticias técnicas del laboratorio. P.14-5, 2007

With R.M. Harley, I.S. Abreu, C. Bittencourt, F.F. de Oliveira & P.K. Endress. Resupinate dimorphy, a novel pollination strategy in two-lipped flowers of *Eplingiella* (Lamiaceae). Acta Bot. Brasilica 31:1-6, 2017

DESCRIBED PLANTAE TAXA

Fossil (with Fittipaldi, Simões & Pirani 1989)

Genera

Aquifoliphyllum

Rhamniphyllum

Species

Aquifoliphyllum iliciloides

Byrsonima bullata

Casearia serrata

Luehea divaricatiformis

Monstera marginata

Psidium paulense

Rhamniphyllum caseariformis

Schizolobium inaequilaterum

Serjania lancifolia

Serjania itaquaquecetubensis

Zanthoxylum glanduliferum

Living

Species

Anamaria heterophylla 1990 with Souza

Aristolochia brunneomaculata 2016 with Abreu

Comanthera borbae 2016 with Pereira

Comanthera brasiliiana 1996

Comanthera lanosa 2011 with Parra

Comanthera magnífica 1996

Comanthera mucugensis 1996

Comanthera retroflexa 2011 with Parra

Comanthera suberosa 1996

Dizygostemon angustifolius 1973

Eriocaulon botocudo 2019 with Chagas

Eriocaulon kulumi 2019 with Chagas
Eriocaulon pyatan 2019 with Chagas
Eriocaulon yba 2019 with Chagas
Heteranthera longirachilla 2018 with Sousa
Leiothrix capensis 1988
Leiothrix raymondii 2016 with Silva
Leiothrix rupestris 1988
Leiothrix sinuosa 1988
Neomarica castaneomaculata 2016 with Amaral
Neomarica involuta 2016 with Amaral
Nymphaea vanildae 2013 with Lima
Paepalanthus carvalhoi 2009 with Miranda
Paepalanthus cinereus 1994 with Parra
Paepalanthus multicapitatus 2009 with Carvalho
Paepalanthus oblongifolius 2009 with Miranda
Paepalanthus stannardii 1994 with Parra
Paepalanthus umbrosus 2009 with Miranda
Philcoxia minensis 2000 with Souza
Sauvagesia oliveirae 2006 with Harley
Sauvagesia ribeiroi 2006 with Harley
Stachytarpheta atkinsiae 2019 with Harley
Utricularia catolesensis 2010 with Campos & Cheek

PATENTS

With J.M. Barbosa Filho, C.A. Camara, T.M.S. Silva, M.B.P. Soares & R.R. Santos. Processo de síntese de 3-iodo-alfa-lapachona e usos como imunomodulador, antimicrobiano e antiinflamatório. PI0403686-7 (2006)

HONOURS

Correspondent Member, Botanical Society of America (2017)
Research Associate, Royal Botanic Gardens, Kew (2010)
Corresponding Member for Life, American Society of Plant Taxonomist (2000)
Genus *Anamaria* V.C. Souza 2001 (Plantaginaceae)

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 Chitale & Patel 1975 (Fossil Plantae)

Anastasio Alfaro Gonzalez

February 25, 2024

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

Anastasio de Jesus Alfaro Gonzalez, Costa Rican naturalist, ethnologist and archaeologist (Alajuela 16 February 1865 – San José de Costa Rica 19 January 1951)

Collected birds, insects, plants and minerals

Described valid avian species *Aegolius ridgwayi* 1905 and its subspecies *Aegolius ridgwayi ridgwayi* 1905

SOME BIBLIOGRAPHY

Investigaciones Cientificas (1935)

El delfín de Corubici (1964)

Antigüedades de Costa Rica (1896)

Arqueología criminal americana (1906)

Mamíferos de Costa Rica (1897)

Etnología Centro-americana (1893) with Manuel María Peralta

Orquídeas

MEMBERSHIP/HONOURS

Correspondant Member, American Ornithological Union (1888) & Geographic Society of Nuremberg (1924)

Life Member, Academy of Natural Sciences of Philadelphia (1932)

First Class of Royal Order of Vasa, Sweden (1895)

GENERA NAMED AFTER HIM

Alfaroa Standley (Juglandaceae)

Alfaropsis Iljinskaya 1993 (Juglandaceae)

Alfaro Meek 1912 (Pisces)

Anastasio Pirion

April 16, 2024

[Bibliography](https://neglectedscience.com/category/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

ANDEAN COUNTRIE

February 25, 2024

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

Canuto Cardona Alvarez, Colombian plant geneticist (Pacora, Panama District 31 January 1919 – April 1977)

With S.H. Orozco & L.H. Camacho developed Diacol Nima variety of beans (1959)

With R.L. Skiles. Mancha gris, a new leaf disease of bean in Colombia (1959) (gray leaf spot of beans)

Teobaldo Llosa Paredes, Peruvian plant pathologist (Arequipa 1908 – 04 July 1996)

Una nueva enfermedad en los Eucalyptus (1937) (a disease by *Pestalozzia*)

Investigaciones referentes al wilt del agodonero y nuevo metodo para aislar hongos del tipo *Verticillum* o *Fusarium* de plantas atacadas por el “wilt” del algodonoero (1938)

Alejandro López Restrepo, Colombian engineer and economist (Medellín 04 June 1876 – Fusagasuga, Cundinamarca March 1940)

Patented Antioquian shredder for rip off fique (*Furcraea andina*)

Invented Colombia spinner (1918)

Cristóbal Roque de Losada y Puga, Peruvian mining engineer and mathematician (New York 14 April 1894 – Lima 30 August 1961)

Invited Lecturer, International Congress of Mathematicians (1924)

Olalla, Ecuadorian family of collectors (20th century)

Composed by Carlos Olalla and their sons Alfonso Maria, Manuel (the only living in 1988), Jorge, Ramón, Ronaldo and Rosalino Olalla P.

More collectors of family are Augusto, Felipe, Francis, Jean Claude, Marie Charlotte and others

Most famous of them was Alfonso Maria Olalla P. (01 July 1899 – 13 December 1971)

They were active in Amazon Basin (1922-69)

Gathered specimens of birds, mammals and amphibians in Ecuador, Peru, Bolivia and Brazil (estimates that collected more than 7,000 specimens of tropical birds)

Honored in genus *Olallamys* Emmons 1988 (Mammalia)

Humberto Rotondo Grimaldi, Peruvian social psychiatrist (Callao 04 June 1915 – 03 March 1985)

From Italian ancestry

Described mescalín psychosis

Fenomenología de la intoxicación mescalínica y analisis del pensamiento en su decurso. Rev. Neuropsiqu. 6:58, 1943

Pedro **Nicolás Saenz** Pinzón, Colombian coffee pioneer (Rionegro, Antioquia Department 20 November 1851 – 08 June 1907)

Described American coffee leaf spot (1876), sending fungal samples to J.B. Ellis

Pioneer of coffee industry in Colombia

Memoria sobre el cultivo del cafeto o guía para la fundación de un cafetal en Colombia (1888)

Carlos Alberto Segúin Escobedo, Peruvian psychiatrist (Arequipa 08 August 1907 – 1995)

Pioneer work on conceptualize mental illness in relation to stress later discussed in international works by foreign authors

The concept of disease. Psychosom. Med. 8:252-7, 1946

Described immigrant syndrome of psychosomatic disadaptation

Migration and psychosomatic disadaptation. Psychosom. Med. 13:404-9, 1956

Hermann Joseph Steinbach, German-born Bolivian collector (1876 – 1930)

Discovered many new plant species from Bolivia, Colombia and Argentina

Collected zoological specimens such as insects, birds, reptiles, mammals and bird skins (about 13,600 pieces)

HONORS

Steinbachiella Harms 1928 (Fabaceae)

Manuel Antonio Vaca Díez, Bolivian physician, journalist, geographer and explorer (Trinidad, Beni Department 04 May 1849 – Ucayaly River, Peru 09 July 1897)

Nicknamed Bolivian Cecil Rhodes

First to report scientifically the mucosal leishmaniasis or espundia (1876)

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 Audant

February 25, 2024

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

André Audant, Haitian agricultural entomologist (Jérémie 05 October 1909 – ?)

SOME BIBLIOGRAPHY

Experiments on the practical control of stored grain insects with a revolving drum-type heater (1931)

La chenille du cotonnier (*Alabama argillacea* Hubner) en Haiti (1933)

With A. Occenard. The Mexican cotton boll weevil (*Anthonomus grandis* Boheman) in Haiti. J. Agric. Univ. Puerto Rico 21:69-76, 1937

With A. Hulsizer. Relevé de la pêche (1943)

Identification des insectes d'Haiti par leur noni creole. Rev. Soc. Hist. Geogr. Haiti 12 (42):51-55, 1941

Insectes du maïs (1945)

La lutte contre les rats. Bull. Agri. Haiti 1(7):13-16 & (9):13-16, 1951

HONORS

Audantia Cochran 1934 (Reptilia)

Andre Mauricio Vieira de Carvalho

February 26, 2024

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

André Maurício Vieira de Carvalho, Brazilian botanist and plant collector (Ilhéus, Bahia State 05 October 1951 – Ilhéus, Bahia State 16 November 2002)

From French and German ancestry

DESCRIBED PLANTAE TAXA

Section

Pseudecastaphyllum 1997

Species

Dalbergia elegans 1997

Dalbergia grandistipula 1997

Dalbergia guttembergi 1997

Zollernia magnifica 1993 with Barneby

Zollernia modesta 1993 with Barneby

SOME BIBLIOGRAPHY

With W.M. Thomas, A.M. Amorim, J. Garrison & A.L. Arbelaez. Plant endemism in two forests in Southern Bahia, Brazil. *Biodiversity and Conservation* 7:311-22, 2008

With A.M. Amorim, W.M. Thomas & J.G. Jardim. Floristics of the Una Biological Reserve, Bahia, Brazil. *Mem. N.Y. Bot. Garden* 100:67-146, 2008

With W.M. Thomas, A.M. Amorim, J. Garrison & T.S. Santos. Diversity of woody plants in the Atlantic coastal forest of Southern Bahia, Brazil. *Mem. N.Y. Bot. Garden* 100:21-66, 2008

Synopsis of genus *Dalbergia* in Brazil. *Brittonia* 49(1):87-109, 1997

Systematic studies of the genus *Dalbergia* L. f. in Brazil. Doctoral Thesis (1989)

With S.A. Mori, B.M. Boom & T.S. Santos. Ecological importance of Myrtaceae in an easstern Brazilian wet forest. *Biotropica* 15:68-70, 1983

With S.A. Mori, B.M. Boom & T.S. Santos. Southern Bahian moist forests. *Bot. Review* 46:155-232, 1983

HONORS

Andreadoxa Kallunki 1998 (Rutaceae)

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)

Andrejus Korolkovas

March 2, 2024

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

Andrejus Korolkovas, Lithuanian-born Brazilian pharmacist (Siauliai 27 August 1923 – São Paulo 19 March 1996)

Authored over 200 papers

Authored *Química Farmaceutica* (Essentials of Medicinal Chemistry), a book translated to English, Spanish, German, Japanese between other languages

Authored *Essentials of Molecular Pharmacology. Background for Drug Design*. Wiley-Interscience, New York, 340 pp, 1970

SOME BIBLIOGRAPHY

With Q. Mingoia. Novos derivados do ácido paramóico. I. *Rev. Fac. Farm. Bioquim. S. Paulo* 2(1):37-44, 1965

With Q. Mingoia. Novos derivados do ácido paramóico. II. *Rev. Fac. Farm. Bioquim. S. Paulo* 3(2):363-7, 1966

Síntese de naftilazoderivados potencialmente esquistossomicidas. Thesis. *Fac. Cien. Farmac. Univ. São Paulo*, 1966

Bioquímica e quimioterapia da Esquistossomose. *Rev. Fac. Farm. Bioquim. Univ. S. Paulo* 5:548, 1967

Síntese de novos naftilazoderivados com atividade quimioterápica. *Rev. Fac. Farm. Bioquim. Univ. S. Paulo* 6:153-61, 1968

Distâncias intra-atômicas em inibidores e no substrato da succinato desidrogenase. Contribuição a quimioterapia da moléstia de Chagas. Thesis. *Fac. Cien. Farmac. Univ. São Paulo*, 1970

With E.I. Ferreira. Latenciação de quimioterápicos. I. Polímeros sacarídicos de aminas biologicamente ativas. *Rev. Farm. Bioquim. Univ. S. Paulo* 10:97-112, 1972

Functional-group drug analysis. *Rev. Port. Farm* 22(4):351-73, 1972

With T.S. Gloria & T. Haraguchi. Preparo de 3 novos sais orgânicos de 1,4 naftilendiamina: nota prévia. *Rev. Farm. Bioquim. USP* 11:247-54, 1973

Ação dos hormônios ao nível molecular. *Rev. Paul. Med.* 81:169-78, 1973

With M.A.L. Barata. Latenciação de quimioterápicos. V. Síntese de sais orgânicos do tris(p-aminofenil) carbônio. *Rev. Fac. Farm. Bioquim. Univ. S. Paulo* 12:21, 1974

With K. Tamashiro. Charge transfer as a mechanism of action of some chemotherapeutic agents. *Rev. Farm. Bioquim. Univ. São Paulo* 12(2):109, 1974

With E.I. Ferreira. Síntese de novos naftilazoderivados potencialmente esquistossomóticos. *Cien. Cult.* 27:149, 1975

Mecanismo de ação dos antimaláricos. *Rev. Bras. Clin. Terap. S. Paulo* 4(5):183-6, 1975

With J. Pellegrino & G.N. Yang. Síntese e ensaio biológico de 1-metilenamino-4-naftilazoderivados poliméricos. *Rev. Fac. Farm. Bioquim. Univ. S. Paulo* 13:227, 1975

With G.N. Yang & E.J. Gonçalves. Síntese de duas novas pirrol 2,3 d-pirimidinas como esquistossomicidas potenciais. *Anais Farm. Quim.* 20:172-7, 1980

With P.M.Z. Coelho, M.O. Rocha, L.H. Pereira & M.A. Barbosa. Chemoprophylactic properties of oxamniquine embonate in experimental schistosomiasis. *Rev. Inst. Med. Trop. S. Paulo* 22(3):144-48, 1980

With V.M. Felli. Síntese de 5-nitro-2-furfurilidenos potencialmente quimioterápicos. *Rev. Farm. Bioquim. Univ. S. Paulo* 18:1-14, 1982

Histamina, histaminicos e anti-histaminicos. *Rev. Port. Farm.* 33:17-27, 1983

With E.I. Ferreira, J.D. Lima & A.U. Krettl. Antimalarial activity of saccharidic polymers of dapsone and sulfadimethoxine. *Chemotherapy* 24:231-5, 1984

Molecular inclusion and cyclodextrin: properties and therapeutical applications. *Farmalab* 2, 1991

With T. Haraguchi. Doseamento da buspirona por titulação em meio aquoso e por espectrometria no ultravioleta. *Rev. Farm. Bioquim. Univ. São Paulo* 27(1):37-44, 1991

With A.C. Gaudio & Y. Takahata. Quantitative structure-activity relationships for 1,4 dihydropyridine calcium channel antagonists (nifedipine analogues): a quantum chemical/classical approach. *J. Pharm. Sci.* 83(8):1110-5, 1994

With Taba Ohara, T. Sakuda, M. Cruz & E. Ferreira. Antimalarial activity of oxidized starch and cellulose imine derivatives. *Boll. Chim. Farm.* 134:522-27, 1995

Andres Angulo

February 25, 2024

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

Andrés Angulo Ormeño, Chilean entomologist (Osorno 01 April 1942 – 24 September 2022)

Tecnica histologica para huevos incubados de Orthoptera (1967) Bol. Soc. Biol. Concepción 41:207, 1969

With G. T. Weigert. Nuevos tipos de huevos en noctuideos chilenos (Lepidoptera: Noctuidae). Bol. Soc. Biol. Concepción 51(1):289-98, 1977

DESCRIBED ARTHROPODA TAXA

Lepidoptera

Genera

Albirenia 1999 with Olivares

Austrandesina 1990 with Olivares

Brachyvalva 2005 with Olivares

Curvalia 2000 with Olivares

Eltafia 1998

Euryclasper 2010 with Olivares

Gentiliana 2010 with Olivares

Helicocervix 1999 with Olivares

Inequivalva 2005 with Olivares

Janaesia 1993

Koehleriana 2015 with Olivares

Magnagrotis 1998 with Badilla

Missio 1998

Neopersectania 2006 with Rodríguez

Pehuenquenia 1999 with Olivares

Plicata 2004 with Olivares

Seravilo 2006

Tenera 2000 with Rodríguez

Species

60

Diptera

Species

At least 25 (18 of them with Artigas)

Andres Kalnay

March 2, 2024

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

Andrés José Kalnay, Jewish Argentine physicist (Buenos Aires 10 August 1932 – Santo Antonio de los Altos, Miranda State 24 April 2002)

From Hungarian parentage

Cousin of Argentine-born US meteorologist Eugenia Enriquetta Kalnay

Authored about 70 papers

CONTRIBUTIONS / BIBLIOGRAPHY

With R. Angulo, S. Codriansky, C.A. Gonzalez Bernardo, F. Perez M, J. Rodríguez Gomez, J. Rodríguez Nunes & R.A. Tello Llanos. Superconductivity and the existence of Nambu's three-dimensional phase space mechanics. Phys. Lett A. 104(2):106-8, 1984

With M. Bunge. Solution to two paradoxes in the quantum theory of unstable systems. Il Nuovo Cimento Ser. B 117(1):1-9, 1983

With I. Cohen. On Nambu's generalized Hamiltonian mechanics. J. Theoret. Physics 12:61-7, 1975

With P.L. Torres. Spin and localization for elementary systems. Phys. Rev. D 9:1670, 1974

With E. MacCotrina & K. Kademova. Quantum field theory of fermions constructed from bosons. Generalization to Para-Fermi statistics. Intern. J. Theoret. Physics 7:9-24, 1973

The localization problem (1971)

With V. Alonso & J.D. Mujica. On a quantum-like structure of classical mechanics. Intern. J. Theoret. Physics 3:165-6, 1970

With M. Bunge. A covariant position operator for the relativistic electron. Progr. Theoret. Physics 42:1445-59, 1969

With J.A. Gallardo, B. Stec & B.P. Toledo. The punctual approximations to the extended-type position. Il Nuovo Cimento A 48:1008-13, 1967

With B.P. Toledo. A reinterpretation of the notion of localization. Il Nuovo Cimento 48:997-1007, 1967

EPONYMY

Kalnay mechanics

Kalnay-Tascon theorem (1978)

Bunge-Kalnay position operator

Andrés Manuel del Río

February 27, 2024

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

Andrés Manuel del Río Fernandez, Spanish-born Mexican chemist and mineralogist (Madrid 10 November 1764 – Ciudad de Mexico 23 March 1849)

ACHIEVEMENTS

Discovered and isolated vanadium (1801); confirmed only in 1830 after Sefstrom rediscovery

Discovered a natural gold-rhodium alloy (1825) and mercury selenide (1827)

Discovered and described various mineral species (for example vanadinite) and the varieties herrerite (1830) and valencianite

Established the foundations of geographical mineralogy (1804)

Invented and improved mineral extraction methods for use in mining industry

Developed a water pump used in mines

HONORS

Delrioite Thompson & Sherwood 1959 (Mineral)

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 flavicolis

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

Andrés Oscar Manuel Stoppani Bahia, 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](#) 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)

Andrew Geddes Bain

February 26, 2024

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

Andrew Geddes Bain, Scottish-born South African geologist, paleontologist and road engineer (Thurso, Caithness, Scotland May 1797 – Cape Town 20 October 1864)

Discovered and collected a large amount of fossil mammal-like reptiles (synapsids) that proved later to be new species such as the first dicynodon

Obtained the first substantial collection of invertebrate remains from the Bokkeveld Group

Discovered and/or described the fossil plant species *Archaeosigillaria caespitosa*, *Haplostigma irregularis* & *Schizoneura africana*

SOME BIBLIOGRAPHY

On the geology of southern Africa. Trans. Geol. Soc. London 7:175-232, 1845-56

Account of the geology of Namaqualand (1854)

Geology of South Africa: reminiscences and anecdotes connected with the history of geology in South Africa. Eastern Prov. Mont. Mag. 1:7-20, 1857

Geology of South Africa. Eastern Prov. Mont. Mag. 1:396-407, 1857

HONORS

Bainella Rennie 1930 (Trilobita)

His son, Thomas Charles John Bain, South African road engineer, naturalist and archaeologist (Graaff-Reinet, Eastern Cape Province 29 September 1830 – Cape Town 29 September 1893)

From maternal side was from Dutch and German ancestry

Most known in his country as road engineer

Authored scientific works

Collected stone tools and other archaeological artifacts

Gained some fame as fossil reptile hunter (honored in *Bradysaurus bainii* Seeley)

Discovered 4 new species of the plant genus *Stapelia* (about 1875)

Devised a technique for tracing and colouring rock paintings

Anelio Aguayo

February 25, 2024

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

Anelio Aguayo Lobo, Chilean mammalogist (Curepto, Talca Province, Maule Region 21 August 1933 –

Pioneered ecological studies on cetaceans of America

Showed that whales migrates to Antarctic waters in the winter

With R. Bernal, C. Olavarría, V. Vallejos e R. Hucke-Gaete. Observaciones de cetaceos realizadas entre Valparaiso e isla de Pascua, Chiler, durante los inviernos de 1993, 1994 y 1995. Rev. Biol. Mar. Ocean. 33(1):101-23, 1998

First to report these colour patterns for this species

With J. Acevedo & D. Torres. Rare piebald and partially leucistic Antarctic fur seals, *Arctocephalus gazella*, at Cape Shirreff, Livingston Island, Antarctica. Polar Biol. 32(1):41-5, 2009

Reported the first confirmed case of albinism in Antarctic pagophilic true seals species

With J. Acevedo & D. Torres. Albino Weddell seal at Cape Shirreff, Livingston Island, Antarctica. Polar Biol. 32(8):1239-43, 2009

Presented the first analysis of genetic differentiation and estimates of gene flow between distinct populations of humpback whales

With A.L. Cypriano-Souza, M.H. Engel, S. Caballero, C. Olavarria, L. Florez Gonzalez, J. Capella, D. Steel, A. Sremba, D. Thiele, C. Scott Baker & S.L. Bonatto. Genetic differentiation between humpback whales (*Megaptera novaeangliae*) from Atlantic and Pacific breeding grounds of South America. Marine Mamm. Science 33(2):457-79, 2017

Angel Aballí Arellano

February 25, 2024

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

Angel Arturo Aballí Arellano, Cuban pediatrician (Matanzas 30 September 1880 – La Habana 22 July 1952)

Authored over 100 articles and 2 books (such as *Lecciones de Patología y Clinicas Infantiles*, 1922)

Colaborated with Schlossman & Pflaunders in their encyclopedic treatise of Pediatrics

SOME BIBLIOGRAPHY

Medula osea en la anemia experimental (1902)

Estudio de las hemoconias (1902)

Sobre el metodo de coloración de Goldhorn (1902)

Contribución al estudio de la atrofia infantil. Aparato digestivo y anexos en el atrofico (1903)

Nota experimental sobre la decapsulación del riñon (1903)

With J. Guiteras. Anatomia patológica de la fiebre amarilla (1904)

Esclerema en la gastroenteritis infantil (1906)

Sobre un caso de sinfisis pericardica com asistolía a repetición (1916)

Tratamiento de los trastornos gastrointestinales del lactante (1918)

Tratamiento de las formas clinicas bronco pulmonares de la influenza (1918)

With R. Nogueira. Estenosis pilorica del recién nacido y su tratamiento (1922)

Sobre un caso de cirrosis atrofica en un niño de nueve años (1922)

Sobre la aerofagia en los niños (1922)

Tricocefalitis en la infancia (1922)

Contribución al estudio de la hipertrofia pilorica (1923)

With A. Castellanos. La prueba de Rosenthal para la insuficiencia hepatica en la infancia (1925)

Discracia endotelioplasmatica (1925)

Mielomas multiples en un niño comenzando antes de los meses (1927)

Sobre un caso de temblor post-encefalico (1929)

De los tremores cerebrales en la infancia (1929)

Las supuraciones pulmonares en la infancia. Bronquiectasias y abscesos del pulmón (1929)

Corticopleuritis tuberculosas en la infancia (1929)

Linfosarcoma de la valvula ileocecal en un niño de 5 años de edad (1929)

HONORS

Guest of Honor, Conference of Teachers of Children's Diseases, Dallas, Texas (1924)

Honorary Professor, Medicine College of New York University

Angel Alcala

February 25, 2024

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

Angel Chua Alcalá, Philippine herpetologist and marine ecologist (Cauayan, Negros Occidental Province 01 March 1929 – Dumaguete, Negros Oriental Province 01 February 2023)

DESCRIBED NEW TAXA

Reptilia

Valid Species

Brachymeles bicolandica 2011 with Siler, Fuiten, Jones & Brown

Brachymeles breviodactylus 2011 with Siler, Fuiten, Jones & Brown

Brachymeles cobos 2011 with Siler, Fuiten, Jones & Brown

Brachymeles libayani 2011 with Siler, Fuiten, Jones & Brown

Brachymeles minimus 1995 with Brown

Brachymeles praeorum 2011 with Siler, Fuiten, Jones & Brown

Draco palawensis 2000 with McGuire

Eutropis cumingi 1980 with Brown

Eutropis indepressa 1980 with Brown

Gekko athymus 1962 with Brown

Gekko coi 2011 with Siler, Oliveros, Diesmos & Brown

Gekko gigante 1978 with Brown

Gekko romblon 1978 with Brown

Insulasaurus victoria 1980 with Brown

Lipinia rabori 1956 with Brown

Lipinia zamboangensis 1963 with Brown

Luperosaurus palawanensis 1978 with Brown

Parvoscincus laterimaculatus 1980 with Brown

Parvoscincus lawtoni 1980 with Brown

Parvoscincus palawanensis 1961 with Brown

Parvoscincus tagapayo 1999 with Brown, McGuire & Ferner

Pinoyscincus abdictus 1980 with Brown

Subspecies

Eutropis multicarinata borealis

Lepidodactylus herrei medianus 1978 with Brown

Lipinia pulchella levitoni 1963

Lipinia pulchella taylori 1963

Amphibia

Species

Kaloula walteri 2000 with Diesmos & Brown

Leptobrachium lumadum 2010 with Brown, Siler & Diesmos

Leptobrachium mangyanorum 2010 with Brown, Siler & Diesmos

Leptobrachium tagbanorum 2010 with Brown, Siler & Diesmos

Limnonectes diuatus 1977 with Brown

Oreophryne nana 1967 with Brown

Philautus poecilus 1994 with Brown

Philautus surrufus 1994 with Brown

Philautus worcesteri 1998 with Brown & Brown

Platymantis banahao 1997 with Brown, Alcala & Diesmos

Platymantis bayani 2009 with Siler, Diesmos & Brown

Platymantis cagayanensis 1999 with Brown & Diesmos

Platymantis indepressus 1999 with Brown & Diesmos

Platymantis insulatus 1970 with Brown

Platymantis isarog 1997 with Brown, Brown & Frost

Platymantis laevigatus 1974 with Brown

Platymantis lawtoni 1974 with Brown

Platymantis luzonensis 1997 with Brown, Alcala & Diesmos

Platymantis mimulus 1997 with Brown & Diesmos

Platymantis naomii 1998 with Brown & Diesmos

Platymantis negrosensis 1997 with Brown & Diesmos

Platymantis paengi 2007 with Siler, Linkern & Diesmos

Platymantis panayensis 1997 with Brown & Brown

Platymantis polillensis 1997 with Brown & Brown

Platymantis pseudodorsalis 1999 with Brown & Diesmos

Platymantis pygmaeus 1998 with Brown & Diesmos

Platymantis rabori 1997 with Brown, Alcala & Diesmos

Platymantis sierramadrensis 1999 with Brown, Ong & Diesmos

Platymantis spelaeus 1982 with Brown

Platymantis taylori 1999 with Brown & Diesmos

HONORS

Alcalus Brown, Siler, Richard, Diesmos & Cannatella 2015 (Amphibia)

Angel Cabrera y Latorre

February 26, 2024

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

Angel Cabrera y Latorre, Spanish-born Argentine zoologist and paleontologist (Madrid 19 February 1879 – La Plata 07 July 1960)

ACHIEVEMENTS

World authority on mammalogy and zoological nomenclature

Created the term mastozoology for defining mammalian research (1922)

Formulated the law of ecological incompatibility

DESCRIBED

One genus (*Atelocynus* 1940), 10 species and 31 subspecies in Living Mammalia (only valid taxa)

The avian subspecies *Galerida theklae aguirrei* 1922

Fossil Mammalia

Aspidocalyptus 1939

Brandmayria 1936

Chasicotherium 1931 with Kraglievich

Coscinocercus 1939

Cullinia 1931 with Kraglievich

Elassotherium 1939

Epecuenia 1939

Exaeretodon 1943

Habromeryx 1929

Hemixotodon 1931 with Kraglievich

Lycopsis 1927

Macrauchenidia 1939

Megatheridium 1929

Morenocetus 1926

Notiomastodon 1929

Oreailurus 1940

Paratrigodon 1931 with Kraglievich

Phlyctaenopyga 1944

Phoberodon 1926

Typotheriopsis 1931 with Kraglievich

Other fossil genera

Gyrolepidoides 1944 & *Haplospondylus* 1927 (Fishes)

Pelorocephalus 1944 (Amphibia)

Aristonectes 1941 (Reptilia)

Notopamphagopsis 1928 (Orthoptera)

HONORS

Subgenus *Cabreramops* Ibañez 1980 (Mammalia; Chiroptera)

Angel Diaz Celis

February 27, 2024

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

Angel Díaz Celis, Peruvian botanist (San Miguel de Cajamarca 02 October 1922 – ?)

SOME BIBLIOGRAPHY

With A.M. Rivera Mardones. Exploración del recurso medico tradicional en el departamento de Ucayali (2000)

Guía para el cultivo y aprovechamiento de los algarrobos o trupillos *Prosopis juliflora* (Swartz) DC y *Prosopis pallida* (H&B ex Willd.) H.B.K. (1997)

Los algarrobos (1995)

Estudio de las variedades nacionales de zapallos (1957)

Estudio de la vegetación halofita de la llanura de Duro Tacla y lagunas de Porto Viejo (1953)

HONORS

Angeldiazia Dillon & Zapata 2010 (Asteraceae)

Angel Gallardo

February 28, 2024

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

Angel Juan Pedro Gallardo Lebrero, Argentine naturalist (Buenos Aires 19 November 1867 –Buenos Aires 13 May 1934)

Developed a theory named Electrocolloidal Theory of karyokinesis in which proposed cell division as result of karyokinetics forces (1896-1912)

Invited Lecturer, International Congress of Mathematicians (1900)

DESCRIBED VALID ANT TAXA

Genus

Pseudoatta 1916

Species

Dorymyrmex thoracicus 1916

Dorymyrmex santschii 1916

Dorymyrmex silvestrii 1916

Forelius rubriceps 1916

Forelius rufus 1916

Hypoponera fenestralis 1918

Pogonomyrmex catanlilensis 1931

Pogonomyrmex longibarbis 1931

Pseudoatta argentina 1916

Subspecies

Dorymyrmex ensifer laevigatus 1916

Dorymyrmex steigeri platensis 1916

Dorymyrmex thoracicus thoracicus 1916

Pseudoata argentina argentina 1916

HONORS

Gallardoa Hicken 1916 (Malpighiaceae)

Gallardoia Bruch 1924 (Coleoptera)

Angel Lulio Cabrera

February 26, 2024

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

Angel Lulio Cabrera Aguado, Spanish-born Argentine botanist and phytogeographer (Madrid 19 October 1908 – La Plata 08 July 1999)

Son of zoologist and paleontologist Angel Cabrera y Latorre

Authored about 250 works

DESCRIBED PLANTAE TAXA

Genera

Actinoseris 1970

Amboroa 1956

Arnaldoa 1962

Aylacophora 1953

Baccharidastrum 1937

Chersodoma 1946 with Phil.

Chiliotrichiopsis 1937

Chucoa 1955

Hoehnephytum 1950

Huarpea 1951

Liabellum 1954

Microlabium 1955

Neojeffreya 1978

Paleaepappus 1969

Phyllochidium 1937

Pseudobaccharis 1944

Pseudogynoxys 1950

Subgenus

Archidasiphyllum 1959

Sections

Andina 1949

Chenopodioides 1949

Dichroa 1950

Diclini 1939

Laevia 1989

Lanatocaulon 1978 with Ragonese

Microstemon 1989

Moquiniastrium 1971

Myriocephalus 1949

Oreophyton 1949

Otites 1949

Pluricephali 1939

Repentes 1939

Xerophili 1939

Species

About 500

Subspecies/varieties/forms

About 100

HONORS (Asteraceae)

Cabrieriella Cuatrecasas 1980

Neocabreria King & Robinson 1972

Angelphytum Barroso 1980

Lulia Zardini 1980

Cabreraea Bonifacino 2009

Angel M. Andreetta

February 25, 2024

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

Angel M. Andreetta, Italian-born Ecuadorian Salesian missionary and orchidologist (Castions di Zoppola, Friuli-Venezia Giulia, 1920 – Yumancay, Paute Canton, Azuay Province 13 September 2011)

Discovered and described new species of Ecuadorian flora

Performed botanical collections in this country

DESCRIBED ORCHIDAE SPECIES (all with Luer except one)

Alaticaulia carolloi 1980

Alaticaulia descendens 1988

Alaticaulia don-quijote 1985

Alaticaulia draconis 1988

Alaticaulia excelsior 1981

Alaticaulia guerrieri 1978

Alaticaulia mayaycu 1989

Alaticaulia pinocchio 1978

Alaticaulia portillae 1978

Alaticaulia virens 1980

Alaticaulia virgo-cuencae 1978

Dracula gigas 1978

Dracula hirsuta 1980

Dracula psyche 1978

Dracula ubangina 1978

Luzuma berthae 1989

Luzuma expers 1988

Luzuma machinanzae 1989

Luzuma sanchezii 1980

Masdevallia ampullacea 1979

Masdevallia bottae 1980

Masdevallia echinata 1978

Masdevallia eurygonaster 1988

Masdevallia glomerosa 1991

Masdevallia hirtzi 1982 with Dodson

Masdevallia instar 1978

Masdevallia morochoi 1989

Masdevallia norops 1978

Masdevallia os-viperarum 1989

Masdevallia sanguinea 1980

Megema hercules 1988

Megema vidua 1989

Porroglossum dreisei 1991

Regalia goliath 1992

Regalia panguiensis 1983

Scaphosepalum triceratops 1988

Spilotantha pulcherrima 1980

Spilotantha sertula 1991

Trisetella sororia 1989

Trisetella strumosa 1989

HONORS

Subgenus *Andreettaea* Luer 1978 (Orchidaceae)

Angel Mercado

April 3, 2024

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

Angel A. Mercado Sierra, Cuban mycologist (10 March 1937 – 24 February 2008)

DESCRIBED FUNGI TAXA

Valid Genera

Acarocybiopsis 1999 with Mena Portales & Hernandez Gut.

Ancorasporella 1998 with Mena Portales & Heredia

Cheiromycesopsis 1988 with Mena Portales

Consetiella 1982 with Holubová-Jechová

Digitomyces 2003 with Calduch & Gené

Holubovaea 1983

Neosporidesmium 1988 with Mena Portales

Odontodictyospora 1984

Phialosporostilbe 1985 with Mena Portales

Phragmospathulella 1986 with Mena Portales

Piricaudiopsis 1987 with Mena Portales

Polytretophora 1983

Veracruzomyces 2002 with Mena, Guarío & Heredia

Species

More than 60

HONORS

Mercadomyces Mena Portales 1988 (Fungi)

Angel Roffo

April 19, 2024

[Bibliography](https://neglectedscience.com/category/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 tecnica 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 em la radiumtherapia. Bol. Inst. Med. Exper. Estudio Trat. Cancer 59: 83-92, 1942

New technique for quantitative dosage of ultraviolet radiations

Nueva tecnica 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](#) 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

Agastopysylla nylota euneomys 1984 with Lewis

HONORS

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

Angelo Machado

April 3, 2024

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

Angelo Barbosa Monteiro Machado, Brazilian neuroanatomist and entomologist (Belo Horizonte 22 May 1934 – Belo Horizonte 06 April 2020)

Authored about 165 publications

MORPHOLOGY

Discovered a new function of smooth endoplasmatic reticulum i.e. the formation of noradrenaline synaptic vesicles in axon terminals

Made influential discoveries on lesions of autonomic nervous system in Chagas disease (1960s)

ENTOMOLOGY

DESCRIBED ODONATA TAXA

Genera

Helveciagrion 1980

Navicordulia 1995 with J.M. Costa

Amazonaura 2004

Schizocordulia 2005

Tukanobasis 2009

Denticulobasis 2009

Tuberculobasis 2009

Austrotepuibasis 2011 with Lencioni

Carajathemis 2012

Franciscobasis 2015 with Bedê

Franciscagrion 2015 with Bedê

Species

98 (until 2017)

Others

Helicopsyche planorbides 1957 (Trichoptera)

HONORS

Genus *Machadoporites* Nemesio 2005 (Cnidaria)

Angelo Moreira da Costa Lima

February 26, 2024

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

Angelo Moreira da Costa Lima, Brazilian entomologist (Rio de Janeiro 29 June 1887 – Rio de Janeiro 20 May 1964)

World authority on Curculionidae Coleoptera

Authored 344 works between them Insetos do Brasil (Insects of Brazil) that earned him international reputation (1939–62)

With H. Aragão showed that yellow fever could be transmitted mosquito to mosquito

With H. Aragão performed studies about behavior of yellow fever virus in mosquito e its transmissibility requirements

DESCRIBED GENERA

Coleoptera

Eusemio 1950

Geniatosoma 1940

Malacobius 1920

Melzerella 1931

Microscapus 1950

Paranaenomus 1914

Plaumanniola 1962

Pseudoecitoxenia 1932

Spermophthorus 1929

Diptera

Microlynchia 1915 with Lutz & Neiva

Neohexachaeta 1953

Paratrichobius 1921

Pintomyia 1932

Pseudophorellia 1934

Pseudopolionota 1935

Pseudostrebla 1921

Hemiptera

Neoneella 1942

Penidoia 1940

Pessoaia 1940

Phacosemoides 1962 with Guitton

Hymenoptera

Duckeia 1936

Lutzimicron 1960

Orthoptera

Rehnacridium 1942

METHODS

Described a method for staining and mounting in entomology named Costa Lima method

Coloração de pequenos insetos. Arch. Esc. Agr. Med. Vet. 5:125, 1921

Technica para a preparação e montagem de pequenos insectos para exame microscópico. Rev. Sciencias 4(4-6):165-6, 1920

A method for mounting articular parts of insects

HONORS

Costalimaida Orfila 1958 (Lepidoptera)

Angelocentris Bondar 1949 (Coleoptera)

Costalimaita Bechyné 1954 (Coleoptera)

Costalimacris Carbonell & Campos Seabra 1988 (Orthoptera)

Limacridium Carbonell & Campos Seabra 1988 (Orthoptera)

Costalimella Martins-Neto 1996 (Fossil Ephemeroptera)

Costalimada Martin 2011 (Hemiptera)

Limacoccus Bondar 1929 (Hemiptera)

Angelodesmus Schubart 1962 (Diplopoda)

Subgenus *Limamyia* Lane & Cerqueira 1942 (Diptera)

Angelo Paes de Camargo

February 26, 2024

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

Angelo Paes de Camargo, Brazilian agricultural climatologist (Paraibuna, São Paulo State 14 July 1916 – Campinas, São Paulo State 30 May 2008)

ACHIEVEMENTS / METHODS

Modified the Thornthwaite nomogram

Contribuição para a determinação da evapotranspiração potencial no Estado de São Paulo. *Bragantia* 21:163-203, 1962

Presented a new equation for estimating potential evapotranspiration (Camargo technique)

Balanço hídrico no estado de São Paulo. *Boletim Inst Agron. Campinas* 116, 1971

Proposed c, a new index of performance

With P.C. Sentelhas. Avaliação do desempenho de diferentes métodos de estimativa da evapotranspiração potencial no Estado de São Paulo, Brasil. *Rev. Bras. Agrometeor.* 5(1):89-97, 1997

Defined the phenological phases of coffee plant

With M.B.P. de Camargo. Definição e esquematização das fases fenológicas do cafeeiro arabica nas condições tropicais do Brasil. *Bragantia* (2001)

With P.C. Sentelhas. Equação para a estimativa da evapotranspiração potencial no Estado de São Paulo, baseada no método de Hargreaves -1974. *Rev. Bras. Agrometeor.* 4(1):77-81, 1996

With A.R. Pereira. Prescrição de rega por modelo climatológico (1990)

Quantificação das regas para cafeicultura com base no balanço hídrico (1985)

With B. Van Raij, H. Cantarella & N.M. da Silva. Exchangeable aluminium and base saturation as criteria for lime requirement. *Bragantia* 42:149-56, 1983

With M.B.P. de Camargo. Teste de uma equação simples para estimativa da evapotranspiração potencial baseada na radiação solar extraterrestre e na temperatura do ar (1983)

With Eneas Salati developed technique of active protection for atmosphere turbidity with adequate fog (1960)

Presented climate classification maps for zoning a number of crops in countries like Brazil, Peru and China

EQUIPMENT

Developed a simple direct-reading glassy tensiometer for determining soil moisture (1979)

With F. Grohmann & M.B.P. Camargo. An inexpensive direct reading tensiometer. *Pesq. Agropec. Bras.* 17(12):1763-72, 1982

Developed two kinds of nebulization for fighting frost

Angelo Pires do Prado

April 16, 2024

[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

Brachyphlebina 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)

Angsumarn Chandrapatya

February 26, 2024

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

Angsumarn Chandrapatya, Thai agricultural acarologist (Bangkok 09 November 1950 –

Authored over 100 publications

DESCRIBED ACARI TAXA

Genera

Areekulus 1998

Azimaberoptus 1993

Bachinius 1997

Bamboocarus 2002

Bangkophyes 2001 with Boczek

Bischofius 2000 with Boczek

Casearius 2001 with Boczek

Chonburinus 2000 with Boczek

Combretus 2001 with Boczek

Criocarpus 2000 with Boczek

Daengarius 2018 with Konvipasruang

Duabangus 2000 with Boczek

Ekaphyes 2000 with Boczek

Garcinyes 2000 with Boczek

Jaranasia 2000 with Boczek

Jutarus 1989 with Boczek

Kanphra 2018 with Konvipasruang

Kasetsarus 1997

Khamproka 2015 with Konvipasruang

Khanthongella 2015 with Konvipasruang & Amrine

Kosacarus 2014 with Konvipasruang & Amrine

Kradukarus 2016 with Konvipasruang & Amrine

Lamyacarus 2016 with Konvipasruang & Amrine

Lithocarus 2000 with Boczek

Longanella 2016 with Konvipasruang & Amrine

Makruta 2015 with Konvipasruang & Amrine

Mangophyes 2001 with Boczek

Milleniophyes 2000 with Boczek

Mimenacarus 2015 with Konvipasruang & Amrine

Nonthaburinus 1996

Paniculatus 2000 with Boczek

Parinarus 2000 with Boczek

Phaicus 2012 with Konvipasruang & Amrine
Phayomoca 2015 with Konvipasruang & Amrine
Randius 2000 with Boczek
Ranongus 2000 with Boczek
Rapinarus 2016 with Konvipasruang & Amrine
Rotsukhona 2019 with Konvipasruang & Amrine
Salaya 2015 with Konvipasruang
Siamphyes 2000 with Boczek
Siracharus 2000 with Boczek
Suthamus 2000 with Boczek
Taspinus 1991
Tegophyes 2001 with Boczek
Thailandus 1997
Thiracarus 1998
Vareebona 2015 with Konvipasruang & Amrine
Vilaia 1991 with Boczek
Vimola 1992 with Boczek
Visinus 1996
Wangthonga 2016 with Konvipasruang & Amrine
Yangnarus 2016 with Konvipasruang & Amrine

Species

Over 170

NEW CHEMICALS

With W. Auamcharoen, W. Naengchomnong & A. Kijjoa. A new tetralone from *Diospyros cauliflora*. *Planta Med.* 76(12), 2010

With S. Buttachon, L. Manoch, A.M.S. Silva, L. Gales, C. Bruyere, R. Kiss & A. Kijjoa. Sartorymensin, a new indole alkaloid and new analogues of tryptoquivaline and fiscalins produced by *Neosartorya siamensis*. *Tetrahedron* 68(15):3253-62, 2012

Anibal Alves Bastos

February 26, 2024

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

Annibal Alves Bastos, Brazilian engineer and geologist (died Rio de Janeiro 04 August 1986)

SOME BIBLIOGRAPHY

Posição do carvão nacional no panorama econômico brasileiro. Bol. Geol. Metal. 21:92-155, 1960

Oil shale in Brazil in fuel and energy resources. Proceed. U. Nations Sci. Conf. Conservation and Utilization of Resources 3:62-4, 1951

Secção geológica de Cascavel a São João Batista. Relat. An. Dep. Nac. Prod. Min. Serv. Geol. Mineral. (1939)

Alta Sorocabana. Relat. An. Dep. Nac. Prod. Min. Serv. Geol. Mineral. (1939)

Exploração do rio Ivaí. Relat. An. Dep. Nac. Prod. Min. Serv. Geol. Mineral. (1936)

With P. de Moura. Reconhecimentos geológicos no rio Maecuru. Relat. An. Dep. Nac. Prod. Min. Serv. Geol. Mineral. (1929)

Estudos geológicos no Estado de Santa Catharina. Relat. An. Dep. Nac. Prod. Min. Serv. Geol. Mineral. (1929)

With A.I. Erichsen. Geologia da folha de Barbacena. Bol. Ser. Geol. Estado Minas Gerais 25, 1927

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

Anibal Gajardo

February 28, 2024

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

Anibal Gajardo Cubillos, Chilean geologist (1945 –

Authored over 200 publications

PATENT

With C. Arrizaga. Method of roasting molybdenite and similar sulphide ores. US Patent 3,761,565 (1973)

SOME BIBLIOGRAPHY

Potencial de litio en salares del Norte de Chile (2014)

With R. Carrasco. Rocas para construcción y ornamentación em Chile: geología, distribución y aplicaciones. Bol. Geol. Miner. 117(4):675-86, 2006

Rocas y minerales industriales de Chile. Bol. Serv. Nac. Geol. Minería 58 (2000)

Hydrothermal and residual kaolin deposits. Bull. New Mexico Bureau of Mines Miner. Resources 154:245-51, 1996

With F. Peebles & I. Gonzales. Depositos auríferos tipo placeres en el litoral central del país. Rev. Minerales 42 (178):21-34, 1992

With H. Carvajal. Estudio, desarrollo y producción de baritinas y caolines para la industria manufacturera (1990)

Geología, génesis y distribución geografica de recursos no metalicos de Chile. Bol. Minero CIII (27):50-9, 1988

Recursos no metalicos relacionados com el Cretáceo Superior de la Cordillera de la Costa de Chile central. Rev. Minerales 40 (170):15-28, 1985

Distribución de estratos calcáreos y evaluación de su potencial económico en la secuencia sedimentaria neocomiana III Región, Atacama, Chile. Thesis (1978)

HONORS

Gajardoite Kamp, Nash, Dini & Molina Donoso 2016 (Mineral)

Anil Kumar Bhattacharya

February 26, 2024

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

Anil Kumar Bhattacharya, Indian statistician (01 April 1915 – 17 July 1996)

Proposed a measure of similarity between two multinomial distributions (Bhattacharya coefficient)

Defined a cosine metric for distance between distributions or measured the divergence between two probability distributions (Bhattacharya distance)

On a measure of divergence between two statistical populations defined by their probability distributions. Bull. Cal. Math. Soc. 35:99-109, 1943

Established lower bounds to the variance of an unbiased estimator

Introduced the concept of affinity between two laws of probability

EPONYMY

Bhattacharya affinity

Bhattacharya bounds (1946)

Bhattacharya centroid

Bhattacharya clustering

Bhattacharya matrix

Cramer-Rao-Bhattacharya inequalities

Anil Kumar Das

February 27, 2024

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

Anil Kumar Das, Indian astronomer (Chinsura Hoogly, West Bengal 01 February 1902 – Hyderabad 18 February 1961)

Authored about 40 papers

Explained a large number of solar phenomena

Measured the temperature difference between the pole and equator of the Sun (1953) confirming the Bjerknes theory of 1926

Showed that the area of calcium prominences in Sun's atmosphere was indeed maximum in January and minimum in July (1940)

INSTRUMENTS

With B.B. Roy & D.N. Das Gupta. A new upper air temperature indicator. *Gerlands Beitr. Z. Geophys.* 36:4-6, 1932

Simple instruments for studying temperature inversions in the free atmosphere. *Gerlands Beitr. Z. Geophys.* 37:224-32, 1932

With R. Anantha Krishnan & B.N. Bhargava. A recording photoelectric photometer. *Indian J. Met. Geophys.* 2:151-61, 1951

HONORS

Lunar crater Das

Anil Kumar Datta Gupta

February 27, 2024

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

Anil Kumar Datta-Gupta, Indian zoologist (30 October 1924 – 02 April 1988)

DESCRIBED POLYCHAETA TAXA

Genera

Kurchatovus 1979

Charcotus 1981

Species

Acanthobonellia rollandoe 1964 with Menon & Johnson

Acanthobonellia vulgaris 1964 with Menon & Johnson

Alomasoma rhynchollulus 1981

Anelassorhynchus chaetiferus 1963 with Menon & Johnson

Anelassorhynchus fischeri 1964

Anelassorhynchus loborhynchus 1966 with Menon

Bonellia plumosa 1981

Bonelliopsis minutus 1981

Charcotus charcotus 1981

Charcotus clavatum 1981

Eubonellia longistomum 1981

Eubonellia noratlanticum 1981

Ikeda pirotansis 1962 with Menon

Jakobia similaris 1981

Kurchatovus epeedentatus 1986

Kurchatovus tridentatus 1979

Ochetostoma septemyotum 1963 with Menon & Johnson

HONORS

Dattaguptus Murina & Popokov 2000 (Echiura)

Anisio Campos

February 26, 2024

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

José Anisio Barbosa de Campos, Brazilian automobile designer (São Paulo 06 March 1933 – São Paulo 14 September 2019)

Designed Puma models (GT, DKW & UW) that was the first Brazilian vehicle to be sold abroad to more than 50 countries

The only model of a Brazilian company to be manufactured under license in another country (South Africa in 1973)

The one national brand car on display at Volkswagen Museum at Wolfsburg, Germany

DESIGNED CAR MODELS

Puma GT DKW (1964)

Carcará (1966) with Rino Malzoni (died 1979) & Jorge Lettry

Simca Xangô (1966)

AC biposto de corrida (1968)

Puma GT 4R (1969)

Karmann-Ghia Porsche (1960s)

Kadron Tropi (1970)

AC Vê (1974) with M. Crispim & H.P. Martinez

Buggy Kadron (1979)

Corcel Hatchback (1980)

Dacon 828 (1982)

Pag Dacon (1984) with P.A. Goulart

Nick Dacon (1984)

Escorpion Ergo-cabine & pick-up (1985)

Engerauto Topazzio (1987)

PAG Nickinho & Nickão (1988)

Chubby (1990)

82812 (2003)

Obvio! O12 (2005)

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 Kohn

March 2, 2024

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

Anna Kohn (Hoineff), Brazilian helminthologist and parasitologist (Rio de Janeiro 18 May 1940 –
Daughter of Jewish Polish immigrants

DESCRIBED NEMATODA/TREMATODA TAXA

Genera/Subgenera

Bellumcorpus 1962

Brasilnema 1992 with Moravec & Fernandes

Centrodes 1964 with Travassos

Cesartrema 1964 with Travassos

Chabaudtrema 1970

Dollfustravassosius 1967 with Teixeira de Freitas

Gussevia 1964 with Paperna

Kritskyia 1990

Mabiarama 1967 with Teixeira de Freitas

Maxtrema 1969 with Travassos e Teixeira de Freitas

Mazzantia 1964 with Travassos

Metacamopiella 1996 with Santos & Lebedev

Neoparaseuratum 1992 with Moravec & Fernandes

Paranaella 2000 with Baptista-Farias & Cohen

Paraprosorhynchus 1967

Pararhipidocotyle 1970

Parasynodontisia 1992 with Moravec & Fernandes

Paraurotocus 1966 with Travassos

Piavussunema 1968 with Correa Gomes & da Silva Motta

Pozdnyakovia 2012 with Justo

Rallitrema 1964 with Travassos

Serpentinotrema 1964 with Travassos

Voelkeria 1964 with Travassos

Species

About 75

HONORS

Annakohniella Fernandes, Cohen, Mendonça & Justo 2013 (Digenea)

Anakohnia Bravo-Hollis 1986 (Monogenea)

Hoineffia Diaw 1976 (Nematoda)

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 ortleppi 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

Annibal de Mattos

April 3, 2024

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

Anníbal Ramos de Mattos, Brazilian industrial chemist (Recife 25 April 1904 – Recife 16 March 1986)

With José Julio Bettencourt Rodrigues developed Motogás, an alcohol and ether-based mixture (1920s)

With O. Gonçalves de Lima demonstrated that vinasse could be employed as fertilizing (1934)

Proposed a process and apparatus for recovering chemicals from alcohol industry and use them as fertilizing agents

PATENTS

Process and apparatus for producing alcohol from a nutrient medium by fermentation with yeast. US2451156 (1949)

Processo Amatos de fermentação contínua nº31.064

Um novo processo para fabrico de açúcar nº 43.045

Brazilian Patent nº 62.597 (1953)

Apparatus and method for continuous production of beverage spirits, industrial alcohol and/or fuel

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, 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.

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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 XXVII, 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.

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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)

Windhausenicerias Leanza 1945 (Mollusca)

LINKS

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

Ansie Dippenaar-Schoeman

April 4, 2026

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

Anna Sophia (Ansie) Dippenaar-Schoeman, South African arachnologist (Roodepoort, Gauteng Province 13 October 1948 –

Recognized as international leader on the family Thomisidae

Proved the importance of spiders in biological control of agrosystems (1974)

A simple technique to study feeding behaviour of spiders on mites. Bull. Brit. Arachn. Soc. 4:349, 1979

President, International Society of Arachnology (2004-7) the first woman to be

DESCRIBED

Valid Genera

Cheiramona 1999 with Lotz

Griswoldia 1997 with Jocqué

Tyrotama 2005 with Foord

Species

96

HONORS (Arachnida)

Ansiea Lehtinen 2004

Ansienuilina Wesolowska 2015

Ansistaria Sherwood 2022

Dippenaararia Wunderlich 1995

Antenor Leitão de Carvalho

February 26, 2024

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

Antenor Leitão de Carvalho, Brazilian zoologist (Barreira do Piquete, São Paulo State 15 April 1910 – Rio de Janeiro 11 December 1985)

DESCRIBED VERTEBRATE TAXA

Amphibia

Genera

Arcovomer 1954

Hamptophryne 1954

Hyophryne 1954

Macrogenioglottus 1946

Myersiella 1954

Paratelmatobius 1958 with Lutz

Relictivomer 1954

Synapturanus 1954

Species

Arcovomer passarellii 1954

Hyophryne histrio 1954

Macrogenioglottus alipioi 1946

Paratelmatobius lutzii 1958 with B. Lutz

Rhinella dapsilis 1945 with Myers

Rhinella pygmaea 1952 with Myers

Pisces

Genera

Sartor 1959 with Myers

Simpsonichthys 1959

Species

Simpsonichthys boitonei 1959

Simpsonichthys bokermanni 1987 with da Cruz

Simpsonichthys myersi 1971

Fluviphylax pygmaeus 1955 with Myers

Sartor respectus 1959

Reptilia

Species

Anolis phyllorhinus 1945 with Myers

Siagonodon cupinensis 1946 with Bailey

Subspecies

Caiman latirostris chacoensis 1965 with Freiberg

HONORS

Carvalhodesmus Schubart 1945 (Myriapoda)

Anthonie Johannes Theodorus Janse

March 1, 2024

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

Anthonie Johannes Theodorus Janse, Dutch-born South African entomologist (Hague 19 April 1877 – Pretoria 12 June 1970)

Authored over 50 scientific articles and the monumental work *The Moths of South Africa* (1932-64)

DESCRIBED LEPIDOPTERA TAXA

Genera

134

Species

Over 500

HONORS

Jansea Cameron 1910 (Hymenoptera)

Eujansea Fletcher 1980 (Lepidoptera)

Janseana Gozmany & Vari 1973 (Lepidoptera)

Janseides Bourgogne 1979 (Lepidoptera)

Janseodes Viette 1967 (Lepidoptera)

Janseola Hopp 1923(Lepidoptera)

Anthony Patrick Fairall

February 28, 2024

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

Anthony Patrick Fairall, English-born South African astronomer (London 15 September 1943 – Hout Bay, Cape Town 23 November 2008)

Authored over 200 scientific articles

Discovered galaxy Fairall-9, the most luminous Seyfert I galaxy (1977)

With A. Maurellis, D. Matrauers & G. Ellis discovered the Sculptor Wall (1990)

Antonia Cecilia Zaccagnini Amaral

February 25, 2024

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

Antonia Cecília Zaccagnini Amaral, Brazilian marine zoologist (São José do Rio Preto, São Paulo State 15 November 1948 –

DESCRIBED MARINE INVERTEBRATE TAXA

Annelida Polychaeta

Genera

Articulatia 2003 with nogueira & Hutchings

Morgana 2001 with Nogueira

Nonatus 1980

Species

Amphicorina schlenzae 2000 with Nogueira

Arabella aracaensis 2009 with Steiner

Articulatia aberrans 2003 with Nogueira & Hutchings

Bhawania brunnea 1981 with Morgado

Biarmifer nesiotes 2023 with Cunha & Fonseca

Capitella aracaensis 2017 with da Silva

Capitella biota 2017 with da Silva

Capitella iatapiuna 2016 with da Silva, Shimabukuro, Alfaro-Lucas, Fujiwara & Sumida

Capitella nonatoi 2017 with da Silva

Diopatra hannelorae 2020 with Steiner

Diopatra marinae 2020 with Steiner

Diopatra pectiniconicum 2020 with Steiner

Diopatra victorae 2020 with Steiner

Euarche rudipalpa 1984 with Nonato

Eunice marconii 2000 with Steiner & Nogueira

Eunoe papillosa 1982 with Nonato

Eunoe serrata 1982 with Nonato

Euphionella besnardi 1982 with Nonato

Exallopus hilbigae 2025 with Bonaldo, Steiner & Garraffoni

Glycera boeggemanni 2007 with Rizzo & Steiner

Goniadella revizee 2004 with Rizzo

Goniadides uncata 1981 with Nonato

Grubeosyllis breviarticulata 2001 with Nogueira & San Martín

Grubeosyllis longiarticulata 2001 with Nogueira & San Martín

Gyptis callithrix 1981 with Nonato

Hemipodus rotundus 1981 with Nonato

Labrorostratus prolificus 1977

Laetmonice parva 1982 with Nonato

Lagisca lepida 1982 with Nonato

Leiocapitella sensibilis 2020 with da Silva

Lepidasthenia esbelta 1982 with Nonato

Lumbrineriopsis dulcis 2023 with Scamparile & Steiner

Marphysa formosa 2000 with Steiner

Marphysa sebastiana 2000 with Steiner

Mastobranchus brasiliensis 2022 with Da Silva

Meiodorvillea hartmanni 2022 with Bonaldo & Steiner

Meiodorvillea jumarsi 2022 with Bonaldo & Steiner

Meiodorvillea penhae 2022 with Bonaldo & Steiner

Meiodorvillea smithsoniensis 2025 with Bonaldo & Garraffoni

Meiodorvillea wolfi 2025 with Bonaldo & Garraffoni

Morgana bisetosa 2001 with Nogueira

Neopsammolyce catenulata 1984 with Nonato

Nicidion insularis 2000 with Steiner & Nogueira

Nonatus longilineus 1980

Palola esbelta 1981 with Morgado

Paramphinome besnardi 1994 with Nonato

Pareulepis multibranchiata 1984 with Nonato

Peresiella megapapilata 2022 with Da Silva

Pholoe microantennata 2013 with Padovani

Pholoides brasiliensis 2014 with Padovani

Polymastigos profundus 2022 with da Silva

Pomponema longispiculum 2023 with Cunha & Fonseca

Prosphaerosyllis isabellae 2001 with Nogueira & San Martín

Scalisetosus gracilis 1981 with Morgado

Scyphoproctus paivai 2019 with da Silva

Scyphoproctus profundus 2019 with da Silva

Scyphoproctus robustus 2019 with da Silva

Scyphoproctus telesphorei 2019 with da Silva

Sigalion taquari 1984 with Nonato

Sphaerosyllis brasiliensis 2001 with Nogueira & San Martín

Sphaeosyllis mussismiliaicola 2001 with Nogueira & San Martín

Stratiodrilus arreliai 1997 with Morgado

Stratiodrilus circensis 1999 with Steiner

Stratiodrilus platensis 1984

Stratiodrilus robustus 1999 with Steiner

Streblosoma oligobranchiatum 2001 with Nogueira

Echinodermata

Ophiomysidium tommasii 2006 with Borges & Monteiro

HONORS

Ceciamaralia Bonaldo, Steiner & Garraffoni 2024 (Annelida)

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. 5th 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 Ciências 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 (Paraguaçu 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 farmaceutica, produto alimentício e método para prevenção, tratamento e eliminação de cálculos renais em humanos PI0400995-9 A2 (2004)

Antonio Aleixo

February 25, 2024

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

Antonio Aleixo, Brazilian dermatologist (Ouro Preto, Minas Gerais State 02 February 1884 – Belo Horizonte 08 June 1943)

Proposed a therapeutic process for tropical ulcer employing iodoform (Aleixo method)

Padronização da bismutoterapia na sífilis e mais particularmente em face de alguns aspectos graves ou insólitos da infecção. Bras. Med. 57(12-3):131-44, 1943

His studies about pathological dactyloscopy had great international repercussion

Dactiloscopia patologica. Brasil Medico 59:309-32, 1936

Developed Bismution, a bismuth preparation for treating syphilis (1923)

Formulated rice powder Malvane and the soaps Haya & Araxá for Perfumaria Marçola

SOME BIBLIOGRAPHY

Lepra e traumatismo. Folha Médica 20:277, 1936

Exame prenupcial como elemento de defesa de família e de raça. Folha Medica 17:220-32, 1936

Sobre o mal perfurante da lepra. Bras. Med. 44:1-5, 1930

Das causas que predispõe a eclosão e a reativação na lepra. Medicamenta 9 (10), 1930

Ulceras tropicaes. Brasil Med. 24:386, 1927

Observação para o tratamento de algumas dermatoses pelo bismutho. Brasil Med. 8:107, 1923

Esporotrichose produzida por um esporotrichi em forma de levedo. Brasil Med. 35(2):383, 1921

Purpura rheumatica annularis ateleangiectodes (1921)

Ligeiros apontamentos sobre o diagnostico clinico do favus. Arch. Min. Derm. Syph. 2:22-3, 1920

Contribuição para o estudo da úlcera tropical. Gaz. Clinica 10-12:186, 1919

With J. Silva. Sobre um caso de esporotrichose nodular primitiva da conjunctiva bulbar do olho direito com localizações cutâneas consecutivas. Arch. Min. Derm. Syph. (1919)

Esporotricose peri-orbitaria. Arch. Min. Derm. Syph. (1919)

A prova da ventosa na púrpura (1919)

Caso de esporotricose palpebral. Arch. Min. Derm. Syph. Sci, Afins 1(3):42, 1915

Dermatoneurose na tuberculose (1911)

Perturbações vasculares da ancilostomose. Thesis (1908)

Ainhum

Dermatite produzida pela água de figueira

Do tratamento da sífilis

Granulosis rubianas

Investigação, epidemiologia, estatística da lepra, sua importância na profilaxia da endemia leprosa

Método de exame do portador da lepra

O problema da lepra

O que é preciso saber sobre os males sexuais

Sífilis e gravidez

His brother, Josephino Aleixo, dermatologist (1908 – 1992)

Meios de descobrir novos casos de lepra. Rev. Bras. Leprol. 13 (1945)

Antonio Alves de Noronha

April 9, 2024

[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 Austregésilo

February 25, 2024

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

Antonio Austregésilo Rodrigues Lima, Brazilian neurologist and author (Recife 21 April 1876 – Rio de Janeiro 23 December 1960)

ACHIEVEMENTS

Demonstrated how the endocrine syndromes appear associated and rarely separated (1903)

Syndrome pluriglandular endocrine. Neurol. Clinic Series (1917)

Demonstrated that camphor bromide produce epilepsy

Ataques epileptoides produzidos pelo uso do brometo de canfora. Brasil Medico 57: 74, 1909

Described Austregesilo-Esposel sign

With Faustino M. Esposel. Le phénomène de Babinski provoqué par excitation de la cuisse. L'Encéphale 7:429-36, 1912.

Published the first case of post traumatic dystonia in world literature

With A. Marques. Dystonies. Rev.Neurol. 2:562-575, 1928.

Described epidemic neuromyelitis or Austregésilo disease (1931)

Epidemics Acute and subacute Neuromyelitis observed in Brazil. Revue Neurol. (1935)

Showed that the peripheric nerves have neither anatomical, functional nor physiopathological individuality in Neuronosis Conceptions (1934-8)

Proposed the notion of striated influence of pyramidal spasticity

Proposed the concept of cataphrenia (1919)

Coined the terms cataphrenia and nervous weakness

Enunciated the law of pathogenic biotoxic electivity or Austregésilo law (c.1914)

With O. Gallotti & J. Bittencourt described syndrome of lumbosacral layers or Austregesilo syndrome (1939)

First to establish the relationships and connections between many neuromuscular diseases and cerebello-muscular degenerations (1918)

First to demonstrate in anima nobilia hookworm infestation by skin, regarded as a demonstration most complete that of Looss

With Moisés Alvares de Menezes. Infestação da anquilostomíase pela pele

First histopathological study of renal capsules in yellow fever

Estudo histopatológico das cápsulas supra-renais na febre amarela (1908)

First to describe scurvy polyneuritis

Polineurites escorbúticas (1908)

New signs in yellow fever

Alguns sinais cardíacos ainda não descritos na febre amarela (1908)

Demonstrated the pyramidal and extra-pyramidal origin of capsular contractures

The pyramido extrapyramidal contracture. Soc. Bras. Neur. Psiq. Med. Legal (1920)

Proposed the doctrine of mental analysis in Mental Analysis (1936)

Eponym of Austregésilo disease or pulmonic grippal basitis and Austregésilo thalamic states

Some other works with repercussion

With O. Gallotti. Sur un cas d'hémiplégie et d'hémichorée avec lésion du noyau caudé. Rev. Neurol. 1(1):41, 1924.

Les chorées et les manifestations choreiformes. Rev. Neurol. 1:179, 1931.

Antonio Barros de Ulhoa Cintra

February 26, 2024

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

Antonio Barros de Ulhoa Cintra, Brazilian internist and endocrinologist (São Paulo 13 September 1907 – São Paulo 23 December 1998)

DESCRIBED NEW SYNDROMES

Described a new disease entity, a variation of Fanconi syndrome, characterized by lack of the glycosuric element in his thesis *Doenças Osseas Metabólicas* (1949)

Reported the first case in the literature of the incidence in the male

With A.L. de Almeida, H.L. de Oliveira & E. Mattar. Syndrome characterized by nanism, gonadal insufficiency and congenital deformities with normal function of the anterior pituitary. *Arq. Clin.* 10(2-3):94-102, 1950

Described a syndrome of amenorrhoea, galactorrhoea and primary hypothyroidism

With A.R. Hennes & B.L. Wajchenberg. A syndrome characterized by hypothyroidism and galactorrhea. *Port. Med.* 44:693-702, 1960

With G.A. Medeiros Neto & J.A. Levy. Congenital hypothyroidism with dishormogenesis accompanied by muscular hypertrophy. *Acta Endocr. Panam.* 3:79, 1972

DEVELOPED METHODS

With I. Martirani, G. Hoxter, B.L. Wajchenberg & I. Marian. Determination of polyssacharide hexoses and hexosamines in normal human sera. *J. Lab. Clin. Med.* 54:773-8, 1959

With M. Sato. Simple and rapid method for the determination of pituitary gonadotropins in urine. *Rev. Assoc. Med. Bras.* 9:153-6, 1963

With F.B. de Jorge. Contribution to the study of the metabolism of nitrogenous substances. II. Rapid and precise method for determination of urea in biological fluids (blood, cerebrospinal fluid, urine and saliva). *Rev. Paul. Med.* 62:289-97, 1963

With A.G. Silva & F.B. de Jorge. Determinação quantitativa do enxofre nos materiais biológicos. *Rev. Bras. Med.* 21: 491-4, 1964 (a turbidimetric procedure for carrying out sulfur determinations)

With F.B. DeJorge & A.G. Silva. Determinação quantitativa de magnésio nos materiais biológicos. *Rev. Paul. Med.* 64:224-36, 1964

With W. Nicolau, E. Muramoto, L.M. Assis & R.R. Pieroni. Metodo de dosagem do acido 3-metoxi-4 hidroximandélico na urina por técnica cromatográfica monodimensional. *Rev. Assoc. Med. Bras.* 15:215, 1969

Papers in top journals

With A. Borelli, M.O. Leite & I. Mariani. Carbohydrates in the non-dialysable fractions of filtered urine in hyperparathyroidism. *Lancet* 1 (7276):290-2, 1963

SOME BIBLIOGRAPHY

With A. Borelli, M.O. Ribeiro Leite, P.H.S. Correa aet al. Bone histomorphometry in Cushing's syndrome. *J. Endocrinol. Invest.* 15:783-7, 1992

With G.A. Medeiros Neto & W. Bloise. Partial defect of iodide trapping mechanism in two siblings with congenital goiter and hypothyroidism. *Clin. Endocrinol. Metab.* 35:370, 1972

Wioth S.P.A. Toledo, P.H. Saldanha & A. Borelli, Further data on acheiropody. *J. Genet. Hum.* 20:253-8, 1972

With B. Wajchenberg, E.R. Quintão & B. Liberman. Antagonism between adrenal steroids and parathyroid hormone. *J. Clin. Endocrin. Metab.* 25(12):1677-81, 1965

With F.B. DeJorge, P.E. Haesser, A.S.F. Ditadi, J.A. Petersen & P. Sawaya. Biochemical studies on the giant earthworm *Glossoscolex giganteus*. *Comp. Biochem. Physiol.* 16:491-6, 1965

With F.B. DeJorge, J.S. Góes & A.B. Guedes. Biochemical studies on copper, copper oxidase, magnesium, sulfur, calcium and phosphorus in cancer of breast. *Clin. Chim. Acta* 12:403-6, 1965

With F.B. DeJorge, P.E. Haeser & P. Sawaya. Biochemical studies on the snail *Strophocheilus oblongus musculus* (Bequaert). *Comp. Biochem. Physiol.* 14:35-42, 1965

With F.B. DeJorge, D. Delascio & M.L. Antunes. Magnesium concentration in the blood sérum of normal pregnant women. *Obstet. Ginecol.* 25:253, 1965

Disorders of copper metabolism in epilepsy. *Acta Neurol. Scand.* 40:97-106, 1964

With B.L. Wajchenberg, V.S. Pereira, A.A. Pupo, J. Schnaider & E. Mattar. On the mechanism of insulin hypersensitivity in adrenocortical insufficiency. *Diabetes* 13:169-76, 1964

With E.H.L. Melo, I.M. Melo, A.C. Neto et al. Glycoprotein metabolism with special reference to mucoids in hypo and hyperthyroidism. J. Clin. Endocrin. Metab. 23:561, 1963

With L.C. da Silva, M.A. Jamra, V. Maspes, J.F. Pontes & R.R. Pieroni. Pathogenesis of indirect reacting hyperbilirubinemia after portacaval anastomosis. Gastroent. 44:117-24, 1963

With E. Mendes, V. Amato Neto, D.O. Penna & J.A. Meira. Pneumopatia alérgica eosinofílica. O Hospital 59:11, 1961

With B.L. Wajchenberg, V.G. Pereira, J. Schneider, L.M. Assis & S.A. Sampaio. Addison's disease associated with South American blastomycosis. Ann. Intern. Med. 5:139, 1961

With J. Cruz, H.M.M. Cruz, S.E. Almeida & F.B. DeJorge. Valores normais da prova de concentração urinária. Rev. Paul. Med. 57:282, 1960

With V.G. Pereira & D. Marinelli. Criptococose disseminada (Torulose). Considerações acerca de um caso atípico. Rev. Hosp. Clin. Fac. Med. S. Paulo 12:455-8, 1957

With J. Czapski, M.O. Ribeiro Leite, D. O. Penna & T. Fujioka. Cyanosis in Manson's schistosomiasis. Role of pulmonary schistosomotic arteriovenous fistula. Am. Heart J. 54(2):196-204, 1957

With B.L. Wajchenberg, G. Hoxter, J. Segal et al. Electrophoretic patterns of the plasma proteins in diffuse liver necrosis. Gastroenterol. 30:882-93, 1956

With H.L. Oliveira, Y. Rapp, E. Mattar & E.M. Russo. Sobre um caso de osteíte fibrosa disseminada. Arq. Clin (1947)

Contribuição para o estudo da exploração funcional do fígado. Thesis (1940)

Sobre a imunidade natural à difteria. Doctoral Thesis (1931)

With W. Bloise, W. Nicolau, B.L. Wajchenberg, R.R. Pieroni et al. Thyrotoxic crisis and electrolyte disturbances in a patient with functioning metastatic carcinoma of the thyroid

With A.L. Almeida, I. Rapoport & A.M. Leite. Esplenoportografia e manometria por via percutânea.

Antonio Beguez Cesar

February 26, 2024

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

Antonio M. Beguez César, Cuban pediatrician (Santiago de Cuba 12 March 1895 – Santiago de Cuba 11 February 1975)

Discovered (1933) and described (1943) Beguez Cesar disease or Chediak-Higashi before Steinbrinck (1948), Chediak (1952) and Higashi (1954)

Neutropenia cronica maligna familiar con granulaciones atípicas de los leucocitos. Boletín Soc. Cubana Pediatría 15(12):900-22, 1943

Antonio Brito da Cunha

February 26, 2024

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

Antonio Brito da Cunha, Brazilian geneticist (São Paulo 17 June 1925 – Brasília 02 December 2019)

Proposed the adaptive polymorphism (genetic variability correlated to degree of ecological diversity of environment that species live)

With H. Burla & T. Dobzhansky. Adaptive chromosomal polymorphism in *Drosophila willistoni*. *Evolution* 4(3):212-35, 1950

Others

Developed a cage for *Drosophila* populations

Genetic analysis of the polymorphism of color pattern in *Drosophila polymorpha*. *Evolution* 3:239-51, 1949

With W.E. Kerr. A genetical theory to explain sex determination by arrhenotokous parthenogenesis. *Forma et Functio* 1:33-6, 1957

Developed a method for chromosomal analysis taking account the location of lethal factors and its interrelationships

With L.E. Magalhães & J.S. Botelho. The nature of lethals in *Drosophila willistoni*. *Genetics* 53:559-608, 1965

Presented a model of chromosome structure for explaining how the genetic redundancy could origin and how DNA produced in excess could be related to chromosome

With C. Pavan. Gene amplification in ontogeny and phylogeny of animals. *Genetics* 61 (Suppl): 289-304, 1969

Developed methods for maintenance of Dipteran Sciaridae

With J.S. Morgante, J. Marques & I. Romeo. Métodos para a criação de alguns Sciaridae (Diptera). *Rev. Bras. Entomol.* 14:33-40, 1970

With T. Dobzhansky

With O. Pavlovsky & B. Spassky. Genetics of natural populations. XXVIII. Supplementary data on the chromosomal polymorphism in *Drosophila willistoni* in its relation to the environment. *Evolution* 13:389-404, 1959

With C. Pavan. Heterosis and elimination of weak homozygotes in natural populations of three related species of *Drosophila*. *Proc. Natl. Acad. Sci. USA* 43(2):226-34, 1957

Differentiation of nutritional preferences in Brazilian *Drosophila*. *Ecology* 36:34-9, 1955

A further study of chromosomal polymorphism in *Drosophila willistoni* in its relation to the environment. *Evolution* 8:119-34, 1954

With A. Sokoloff. On food preferences of sympatric species of *Drosophila*. *Evolution* 5:97-101, 1951

With H. Burla. A comparative study of chromosomal polymorphism in sibling species of the willistoni group of *Drosophila*. *Am. Nat.* 89:229-46, 1950

With H. Burla, A.G.L. Cavalcanti & C. Pavan. Population density and dispersal rates in Brazilian *Drosophila willistoni*. *Ecology* 31(3):393-404, 1950

With H. Burla, A.R. Cordeiro, C. Malagolowkin & C. Pavan. The willistoni group of sibling species of *Drosophila*. *Evolution* 3(4):300-14, 1949

Papers in Nature

Chromosomal inversions with sex-limited effects. *Nature* 172:815, 1953

A further analysis of the polymorphism of *Drosophila polymorpha*. *Nature* 171:887, 1953

Papers made to order

Chromosomal polymorphism in Diptera. *Advanc. In Genet.* 7:93-138, 1955

Chromosomal variation and adaptation in insects. *Ann. Rev. Entomol.* 5:85-110, 1960

With C. Pavan, Chromosomal activities in *Rhynchosciara* and other Sciaridae. *Ann. Rev. Genetics* 3:425-50, 1969

NEW SPECIES

Diptera

Drosophila arapuan 1947 with Pavan

Drosophila ararama 1947 with Pavan

Drosophila arassari 1947 with Frota-Pessoa

Drosophila (Sporophora) bocainensis 1947 with Pavan

Drosophila bromelioides 1947 with Pavan

Drosophila caponei 1947 with Pavan

Drosophila (Sporophora) tropicalis 1949 with Burla

Protozoa

Schneideria schneiderae 1975 with Morgante, Malavasi, Marques & Garrido

Antonio Cardoso Fontes

February 28, 2024

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

Antonio Cardoso Fontes, Brazilian microbiologist (Petrópolis, Rio de Janeiro State 1879 – Rio de Janeiro 27 March 1943)

ACHIEVEMENTS

Authored 87 papers

Discovered ultramicroscopic forms of tubercle bacillus (1910)

Demonstrated that Koch bacillus present 2 living forms with distinct properties and distinct functions (1910-1)

Showed the existence of an ultramicroscopic stage in bacterial life cycle

Sobre o cyclo vital das bacterias. Contribuição ao estudo da forma granular. Mem. Inst. Oswaldo Cruz 18(1):163, 1925.

His work about filtrability of tubercle agent (1909-11) deserved the interest of the foreign scientific circles and gave him great renown as world authority in Koch bacillus biology

Determined the composition and the function of Koch bacillus granulations, and established it as reproductive units and living infectious elements (1908-10)

Created the technique of double staining of acid-fast bacilli named Fontes method

Estudos sobre a tuberculose. Mem. Inst. Oswaldo Cruz 1:51-68, 1909.

Developed a new method for homogenizing mucus

Sobre um novo método de homogenização de escarros. Bras. Med. 27(22):213, 1913.

Simplified the technique for preparation of Petruschky culture medium

Soro de leite Petruschky. Simplificação da técnica para prepare desse meio de cultura. Mem. Inst. Oswaldo Cruz 6(3):250, 1914.

Proposed a new model of tube for tubercle bacilli culture

Um novo modelo de tubos para culturas de tuberculose. Patologia Geral 5, 1917

HONORS

Genus *Fontesia* Travassos 1928 (Nematoda)

Doctor Honoris Causa, Vilnius University (1933)

Honorary Member, Studial Pentru Tuberculosi, Bucharest

Honor Diploma, International Congress against Tuberculosis (1912)

Medicine & Physiology Nobel Prize nominee (1934)

See [HTTP://memorias.ioc.fiocruz.br/pdf/tomo39/tomo39%28f2%29_I-IX.pdf](http://memorias.ioc.fiocruz.br/pdf/tomo39/tomo39%28f2%29_I-IX.pdf) See http://memorias.ioc.fiocruz.br/pdf/tomo39/tomo39%28f2%29_I-IX.pdf. (in Portuguese)

Antonio Carini

February 26, 2024

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

Antonio Carini, Italian / Brazilian microbiologist and parasitologist (Sondrio, Lombardy Region 17 September 1872 – Milano 09 April 1950)

ACHIEVEMENTS

Described lamellar ichthyosis or Carini syndrome

Di una forma attenuate della cosiddetta “ittiosi sebacea” (l. lamellare). Giorn. Ital. delle Malad. Ven. Pelle 82, 1895

Demonstrated that swine croup (garrotilho dos porcos) is blood anthrax (1909)

Described a generalized mycosis in frogs and toads analogous to verrucous dermatitis

Sur une moisissure qui cause une maladie spontane de *Leptodactylus pentadactylus*. Ann. Pasteur (1910)

With Parreiras Horta discovered that bats can transmit rabies (1911). This fact was confirmed by German scientists in 1914

Sobre a epizootia da raiva observada no Estado de Santa Catarina. Morcegos propagadores da moléstia. Chácaras e Quintaes 3(6), 1911

First to report natural toxoplasmosis of birds (1911)

Discovered causative agent of pulmonary tuberculosis in mice (Carini pneumonia) that was named *Pneumocystis carinii* in his honor (1912)

Identified *Leishmania brasiliensis* (1909) independent of Lindenberg

With A. Lindenberg established procedures for laboratorial diagnosis of leishmaniasis

Showed the epidemic paronychia as a special localization of tropical ulcer

Oxonyxis ulcereux phagédénique. Bull. Soc. Path. Exot. 10 (1915)

Determined arsenic-based treatment for bovine piroplasmosis

Proved the beneficial action of quinine hydrochloride on skin lesions of amebiasis

DESCRIBED PROTOZOAN TAXA

Valid Genera

- Bertarellia* 1930
- Brumptina* 1933
- Dermosporidium* 1940
- Pintospora* 1944
- Rangelia* 1915 with Maciel

Species

86

Antonio Carlos Martins de Camargo

February 26, 2024

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

Antonio Carlos Martins de Camargo, Brazilian biochemist (São Carlos, São Paulo State 19 January 1937 –

Authored over 190 papers

Isolated and characterized two peptidases correspondent to a new class of proteases (EOPA/NUDEL and Prolyloligopeptidase) and the first kininases from nervous tissue

With R. Shapanka & L.J. Greene. Preparation, assay and partial characterization of a neutral endopeptidase from rabbit brain. *Biochem.* 12:1838–44, 1973

With E.B. Oliveira & A.R. Martins. Isolation of brain endopeptidases: influence of size and sequence of substrates structurally related to bradykinin. *Biochem.* 15:1967–74, 1976

Isolated and characterized the precursor of bradykinin-potentiating peptides and C-type natriuretic peptides from snake venom

Named oligopeptidase

With H. Caldo & M.L. Reis. Susceptibility of a peptide derived from bradykinin to hydrolysis by brain endo-oligopeptidases and pancreatic proteinases. *J. Biol. Chem.* 254:5304–7, 1979

With colleagues isolated new peptides (at least 21) from snake and anuran venoms such as bothrostatin (2005), SIKVAV (2007) and crotalphine (2008), this last is a potent analgesic

DEVELOPED METHODS

With K.M. Carvalho, G. Boileau & L. Camargo. A highly selective assay for neutral endopeptidase based on the cleavage of a fluorogenic substrate related to leu-enkephalin. *Biochem.* 237:167–73, 1996

With K.M. Carvalho, G. Boileau, M.S.F. França, M.A.S. Medeiros & L. Juliano. A new fluorimetric assay for neutral endopeptidase (EC3.4.24.11). *Braz. J. Med. Biol. Res.* 28:1055–9, 1995

With A.C. Spadaro, W. Draghetta, S. Nassif & L.J. Greene. Convenient manual trinitrobenzenesulfonic acid method for monitoring amino acids and peptides in chromatographic column effluents. *Anal. Biochem.* 96:317–21, 1979

PATENTS

Brazilian

With M.A.F. Hayashi, F.C.V. Portaro, A.F. Murbach, D.A. Ianzer, S.H. P. Farsky & M.S. Palma. Processo de isolamento e purificação de peptídeos inibidores das vasopectidases, com especificidade para o sítio carboxílico da enzima conversora da angiotensina, secretados pelas glândulas do veneno de serpentes (bpps), particularmente bothrops jararaca, ou produzidos endogenamente (evasins) possuindo ação vasodilatadora e anti-hipertensiva; processo de determinação da sequência de amido-ácidos dos peptídios inibidores secretados pela glândula de veneno de serpentes (bpps) ou endógenos (evasins); processo de determinação da sequência de aminoácidos dos bpps por dedução do cdna dos precursores PI 0101088–3 A2 (2001)

With M.A.F. Hayashi, F.C. V. Portaro & J.R. Guerreiro. Processo para a determinação da estrutura primária do rna mensageiro codificante para a endooligopeptidase humana recombinante – a heopa e da sua sequência protéica, para a determinação de gene da eopa humana e para a produção da eopa humana recombinante; processo de geração de anti-corpo anti-eopa humana policlonais e em camundongos; processo de caracterização e substratos sintéticos das propriedades bioquímicas e proteolíticas da eopa e anticorpos inibidores da atividade catalítica e de interação com oligopeptídeos; competidores e antagonistas; método de identificação de condições de patologia PI 0205000–5 A2 (2002)

With M.A.F. Hayashi, F.C. V. Portaro & J.R. Guerreiro. Processo para a determinação da estrutura primária do rna mensageiro codificante para a endooligopeptidase a humana (heopa) [genbank acc nºaf217798] e da sua sequência protéica [genbank acc nº aaf24516], para a determinação do gene da eopa humana, e para a produção da eopa humana recombinante; processo de geração de anticorpos anti-heopa; processo de padronização e utilização de substratos sintéticos para a determinação das propriedades bioquímicas e proteolíticas da heopa; processo de identificação e produção de inibidores da eopa, obtenção de anticorpos com atividade inibitória sobre a atividade ... PI 0305688–0 A2 US20070031830A1 (2002)

With R.D. S. Millán & R.A.S. dos Santos. Composições farmacêuticas de peptídeos, secretados pelas glândulas do veneno de serpentes, particularmente da bothrops jararaca, inibidores de vasopectidases, evasins, seus análogos, derivados e produtos associados para o desenvolvimento de aplicações e uso em doenças crônico-degenerativas PI 0205449–3 A2 (2002)

With R.A.S. dos Santos & R.D.S. Millán. Processo de separação de formulações farmacêuticas e/ou produtos associados, para o desenvolvimento de aplicação dos EVASINS e seus análogos estruturais e/ou conformacionais em doenças crônico-degenerativas (2002)

With F.C.V. Portaro & J.R. Guerreiro. Endooligopeptidase A (EOPA) 2003

With M.A.F. Hayashi, A.H. Ulrich, R.D. S. Millán, R.A.S. dos Santos, D.A. Ianzer & R. R. Marioni. Composições farmacêuticas de peptídeos, secretados pelas glândulas do veneno de serpentes, particularmente da bothrops jararaca, evasins, seus análogos, derivados e produtos associados para uso como agentes moduladores dos receptores de acetilcolina PI 0400192–3 A2 (2004)

With P. Brigatte, Y. Cury, G. Picolo, K. Konno, R. Giorgi & V.P. Gutierrez. Compostos análogos a peptídeos analgésicos derivados de veneno de serpentes *Crotalus durissus terrificus*, seus usos, composições, métodos de preparação e de purificação PI 0502399-8 A2 (2004)

With Y. Cury, G. Picolo & K. Konno. Processo de síntese e composições farmacêuticas de peptídeos e análogos derivados do veneno de serpentes, por exemplo, do gênero *Crotalus*, com atividade analgésica, usos e produtos associados (2005)

With R.L. Melo, M.A.F. Hayashi, J.R. Guerreiro, D.A. Ianzer, C.A. da Silva, C.L. Gomes & O. Augusto. Peptídeo rico em prolina, composição farmacêutica, uso de um ou mais peptídeos PI 0600331-1 A2 (2006)

With D.A. Ianzer, C.A. da Silva, C.L. Gomes & J.R. Guerreiro. Oligopeptídeo rico em prolina, composição farmacêutica, uso de um ou mais peptídeos e método de tratamento PI 0607366-2 A2 (2006)

Patente nº BR 20 2012 014822 1 (2012)

Foreign

Process for the determination of the primary structure of the Messenger RNA coding for the human recombinant endooligopeptidase a (HEOPA) (af217798)

Pharmaceutical compositions of peptides secreted by the venom glands of snakes. WO2005081613A2 (2005)

Isolation and purification procedure of vaso-peptidases inhibitors US20050031604A1 (2005)

Proline-rich peptides, pharmaceutical composition, use of one or more peptides and method of treatment WO2007079558A2 & EP1979373A2 (2007)

Pharmaceutical compositions, preparation of peptides secreted by the snake venom glands, particularly of *Bothrops jararaca*, vaso-peptidases inhibitors, evasions, their analogues, derivatives and products associated, thereof, for development of applications and use in chronic-degenerative diseases. US20080199503a1 (2008)

Analog compounds of analgesic peptides derived from the venom of *Crotalus durissus terrificus* snake, their uses, compositions, methods of preparation and purification US20090203618A1 (2009)

Antonio Carlos Pacheco e Silva

April 16, 2024

[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

Chaenomya 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 Correia de Lacerda

March 6, 2024

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

Antonio Correia de Lacerda, Portuguese / Brazilian physician and naturalist (Vila da Ponte, Montalegre Subdistrict, Portugal 1777 – São Luiz 21 July 1852)

Developed a process for peeling of cinnamon and bark's expurgation

Collected, classified and described plant species in Flora Paraensis (1821-52) and Nova Genera Plantarum (1820s) that didn't use the binomial nomenclature

Described more than 400 plant species with its medicinal effects and posology in Botanica Medica (1830s)

Authored *Chemiologia Vegetal* (1845-9) recording the effects of plant chemicals on chemical reagents, isolating active principles and describing the chemical composition of each solution

Authored *Zoologia paraense* (1820-35) too

MEMBERSHIP

Member, Société de Médecine de Marseille (1831)

Member, Munich Academy of Sciences (nominee by famous botanist Karl Friedrich Philipp Von Martius)

OFFICES

President of Government Junta that ruled Pará Province (12 March 1822 – 01 March 1823; 30 April 1824 – 02 May 1824)

LINKS

http://www.scielo.br/scielo.php?pid=S0104-59702004000300004&script=sci_arttext See http://www.scielo.br/scielo.php?pid=S0104-59702004000300004&script=sci_arttext. **(Portuguese)**

Antonio da Costa

February 26, 2024

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

Antonio da Costa, Brazilian surgeon (Rio de Janeiro 15 March 1816 – Rio de Janeiro 07 July 1860)

Published 32 works in Portuguese and French some of which were presented in Academie de Medicine de Paris

Invented surgical instruments for lithotomy

French surgeon Alfred Velpeau nicknamed him Brazilian Lisfranc

Antonio da Silva Mello

April 3, 2024

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

Antonio da Silva Mello, Brazilian physician (Juiz de Fora, Minas Gerais State 10 May 1886 – Rio de Janeiro 19 September 1973)

ACHIEVEMENTS

Authored about 20 books on anthropology, sociology, psychology, medicine and philosophy

Performed works on biological effects of radioactivity that had international repercussion. He distinguished between radio and x-rays effects

Ueber die Wirkung der strahlenden Energie auf das Blut und die blutbildenden Organe. Strahlentherapie 6:387, 1915

Experimentelle Untersuchungen über die biologische Wirkung des Thorium X insbesondere auf das Blut. Z.Klin. Med. 81:285-354, 1915

Described a new device for measuring capillary resistance

Silva Mello maneuver for capillary resistance

First to draw attention to the effect of psychogenic factors in capillary resistance

Die Wandresistenz der Blutkapillaren (Eine einfaches klinische Methode zu ihrer genauen messung) Munchen Med. Wochenschr. 76(41):1717-8, 1929

Described Silva Mello sign in chronic intestinal amoebiasis (left hypogastric tenderness sign)

Amibíase intestinal crônica e um symptoma de valor para o seu diagnóstico. Brasil Med. 44(41):1147-52, 1930

Die chronischen Amöben-Infektion des Darmes und ein für ihre Diagnose bedeutsames Symptom. Arch. f. Schiffs-und Tropen-Hygiene 34(8):411, 1930

Described new clinical signs such as xiphoid sign

La douleur xiphoidienne et sa valeur diagnostique. Arch. Mal. App. Digest. Par 20:808-34, 1930

Discovered a new set of chronic nephritis

Die chronischen syphilitischen Nephritiden als eine selbständige Gruppe von Nierenkrankheiten. Dtsch. Med. Wschr. 62:70, 1936

As hidroses: um novo conceito de patologia. Rev. Bras. Med. 2:543-56, 1945

Proposed a new visiometer

A practical and simple visiometer for the examination of vision and its defects. Rev. Bras. Med. 10:309-13, 1953

Antonio Dacio Franco do Amaral

February 25, 2024

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

Antonio Dácio Franco do Amaral, Brazilian parasitologist (1905 – São Paulo July 1994)

ACHIEVEMENTS

Developed Amaral culture medium

Nova modificação em meio de cultura para *Endamoeba histolytica*. An. Fac. Med. Univ. S. Paulo 21:175–6, 1945

With A.C.R. Ramalho developed a protozoan staining method by ferric haematoxin

Developed Amaral-Mayrink ferric haematoxin staining

With W. Mayrink. Diagnóstico de laboratório de protozooses intestinais: modalidade prática para o emprego do fixador de Schaudinn. Rev. Paul. Med. 1-3, 1957

Modified Faust method for permanent preparation of amoebae

Algumas contribuições do laboratório para o estudo da amebíase. Thesis, Fac. Med. Univ. S. Paulo (1944)

DESCRIBED NEW SPECIES

Endolimax tayassusi 1951 with Mello

Anopheles (Nyssorhynchus) antunesi 1938 with Galvão

Anopheles (Nyssorhynchus) lanei 1938 with Galvão

Antonio de la Cal y Bracho

February 26, 2024

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

Antonio de La Cal y Bracho, Spanish-born Mexican pharmacist and botanist (Anguix, Ribera de Duero, Burgos 1764 – Puebla, July 1833)

Authored *Ensayo para la material medica mexicana* (1832), *Tablas botanicas* (1825) and many studies about culture and uses of hemp plant

Honored in genus *Calibrachoa* La Llave & Lexarza 1825 (Solanaceae)

Antonio de Leon y Gama

March 6, 2024

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

Antonio de Leon y Gama, Mexican scientist (Ciudad de Mexico 1735 – Ciudad de Mexico 12 September 1802)

ACHIEVEMENTS

Published works dealing with experimental physics, medicine, mathematics and archaeology

Determined latitude and longitude of Mexico

Observed poles height in Ciudad de Mexico and computed accurately Solar Eclipse of 1771, being highly praised by French astronomer Joseph J. L. de Lalande

Performed astronomical calculations about a comet (1778) that earned him recognition in Europe

Explained Aztec calendar (1790)

Antonio del Castillo

February 26, 2024

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

José Antonio del Castillo Patiño, Mexican geologist, paleontologist and mineralogist (Pungarabato, Michoacán State 17 June 1820 – Ciudad de Mexico 27 October 1895)

Authored 79 scientific works

Described and named 2 new mineral species, guanajuatite (1873) and the variety guadalcazarite (1865)

With M. Barcena discovered Peñon man (1884)

DESCRIBED FOSSIL SPECIES

Mammalia

Palauchenia mexicana 1869

Mollusca (with Aguilera 1895)

Aptychus mexicanus

Aspidoceras alamosensis

Cucullaea catorcensis

Cyprimeria mexicana

Cyprina cotoi

Exogyra potosina

Goniomyia calderoni

Haploceras carinata

Haploceras catorcensis

Haploceras mazapilensis

Hoplites bifurcatus

Hoplites cohglani

Hoplites exceptionalis

Hoplites heilprini

Hoplites mexicanus

Lucina coetoi

Lucina potosina

Lytoceras potosina

Nautilus burkartii

Olcostephanus potosinus

Perisphinctes alamosensis

Perisphinctes dolfussi

Perisphinctes felixii

Perisphinctes flexicostatus

Perisphinctes lauri

Perisphinctes lenki

Perisphinctes mazapilensis

Perisphinctes montserrati

Perisphinctes potosinus

Placenticeras fallax

Pleuromyia inconstans

Pulchellia mexicana

Rhacophyllites alamosensis

Rhacophyllites calderoni

Rhacophyllites disputabile

Vermetus cornejoi

Waldheimia catorcensis

With Barcena

Nerinea anguillina 1875

Antonio Divino de Moura

April 3, 2024

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

Antonio Divino de Moura, Brazilian meteorologist (Itaitubá, Minas Gerais State 21 October 1945 –

His thesis *Eigensolutions of the balance equations over a sphere* (1975) was Rossby Award winner as the Best Thesis of Year in Massachusetts Institute of Technology

Proposed a mechanism for the occurrence of severe droughts over Northeastern Brazil by establishment of an anomalous thermally circulation in Atlantic Ocean

With J. Shukla. On the dynamics of droughts in Northeastern Brazil: observations, theory and numerical experiments with a general circulation model. *J. Atmos. Sciences* 38(12), 1981

With L. Sun, D.F. Moncunil, H. Li, F.D.A.D.S. Filho & S.E. Zebiak developed the first operational climate dynamical downscaling prediction system (2006)

HONOURS

Honorary Fellow, Royal Meteorological Society

IMO Prize 2018

Antonio Enrique Gonzalez Guzman

February 28, 2024

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

Antonio Enrique Gonzalez Guzman, Colombian palynologist

DESCRIBED FOSSIL SPORAE & POLLEN GENERA (1967)

Annutriporites

Arcotriporites

Bacustephanocolpites

Brevitricolpites

Classites

Clavamonocolpites

Echimorphomonocolpites

Echinoidites

Foveotriporites

Gemmastephanoporites

Jussitriporites

Longitrichotomocolpites

Magnaperiporites

Magnatriporites

Papillamonocolpites

Perfotricolpites

Polotricolporites

Pseudostephanocolporites

Racemonocolpites

Retiheterocolpites

Retipollenites

Retistephanoporites

Retisyncolporites

Retitriporites

Rugutricolporites

Semitectotriporites

Spirosyncolpites

Striaticolpites

HONORS

Guzmanipollenites Kedves 1985 (Fossil Sporae & Pollen)

Antonio Eugenio de Area Leão

February 25, 2024

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

Antonio Eugenio de Arêa Leão, Brazilian medical mycologist (Teresina 13 November 1895 – 1971)

Authored at least 117 works

Individualized and named chromoblastomycosis

With Fernando Terra, Magarinos Torres & O. da Fonseca. Novo tipo de dermatite verrucosa, mycose por *Acrotheca* com associação de leishmaníase. *Bras. Med.* 36(2):368-78, 1922.

Developed the first specific skin test for paracoccidioidomycosis

With O. da Fonseca. Reaction cutanée spécifique avec le filtrat de cellule du *Coccidioides immitis*. *Comp. Rend. Seances Soc. Biol.* 97:1796-7, 1927

Laid the foundations for control of mites that attack fungal cultures employing kerosene

With M. T. de Mello & V. Mayor. Acarinos infestadores de cultura de cogumelos. *Biologia, classificação e métodos de combate*. *Mem. Inst. Oswaldo Cruz* 42(3):559-608, 1945

Conceived a vaccine for tinea

A new method for searching fungi in biological material

Técnica micológica. Novo método para exame de pêlos, escamas, etc. *Acad. Med.* 4:75-9, 1939

Established a new process for direct examination of the pus

With M.A. Goto. A esporotricose. Observação e estudo de um novo caso. *O Hospital* 30:409-17, 1946

DESCRIBED FUNGI TAXA PATHOGENIC TO MAN

Genus

Piedraia 1928 with Fonseca

Species

Acremoniella lutzi 1939 with J. Lobo

Acremoniella rugulosa 1934

Cephalosporium Recifei 1934 with J. Lobo

Cladosporium langeronii 1927 with Fonseca & Nogueira

Coelomyces ciferii 1965 with Pedroso

Lacazia loboi 1940 with Fonseca

Piedraia hortae 1928 with Fonseca

Trichosporon minor 1940

Antonio Fernandes Figueira

February 28, 2024

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

Antonio Fernandes Figueira, Brazilian pediatrician (Rio de Janeiro 13 June 1863 – Rio de Janeiro 12 March 1928)

Authored 71 works on medicine

His monograph Diagnostico das cardiopantias infantis (1895) appeared in medical magazine Lancet in the following year

Published Elements of Infant Semiology (1900), translated to French and Italian languages in 1903. This book renders him international recognition being considered in Europe the best work of this field and used as textbook in European universities

Described Figueira syndrome

Cephaloplegic syndrome in children. Arch. Med. Des Enfants. Sept 1920.

Described a new familial disease osteomyodystrophic syndrome (Figueira syndrome)

Antonio Frederico Campaner

February 26, 2024

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

Antonio Frederico Campaner, Brazilian carcinologist (São Paulo State 1945 – 18 August 1989)

DESCRIBED CRUSTACEA TAXA

Family

Phyllopidae 1977

Genera

Paracomantenna 1978

Sarsarietellus 1984

Species

Paramisophria giselae 1977

Brachycalanus bjornbergae 1978

Bradyidius plinioi 1978

Paracomantenna magalyae 1978

Xanthocalanus marlyae 1978

Scolecitrichopsis pseudoculata 1979

Gaussia asymmetrica 1988 with Bjornberg

HONORS

Campaneria Ohtsuka, Boxshall & Roe 1994 (Crustacea)

Antonio Galves

February 28, 2024

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

Jefferson Antonio Galves, Brazilian mathematician (São Paulo 18 June 1947 – São Paulo 05 September 2023)

Recognized as one of world leaders in research about Markovian systems of particles

ACHIEVEMENTS

With F. Bertein. Une classe de systems de particules stable par association. Probab. Theory Relat. Fields 41(1):73-85, 1977

First to formulate and solve the problem of hydrodynamic behavior of a Markovian system

Deduced Fourier law from a microscopic dynamical stochastics

With C. Kipnis, C. Marchioro & E. Presutti. Non equilibrium measures which exhibit a temperature gradient: study of a model. Comm. Math. Physics 81:127-47, 1981

First to formulate and solve the problem of metastable behavior of stochastic processes

With M. Cassandro, E. Olivieri & M.E. Vares. Metastable behavior of stochastic dynamics: a pathwise approach. J. Stat. Phys. 35:603-34, 1984

Proved that the sequence of successive entrance times in a small neighborhood converges in law when suitably normatized to a homogeneous Poisson point process.

With P. Collet. Statistics of close visits to the indifferent fixed point of an interval map. J. Statis. Physics 72(3-4):459-78, 1993

Obtained the first convergent result for exponential law of occurrence time of rare event in a conservative system

With P. Collet & A. Lopes. Maximum likelihood and minimum entropy identification of grammars. Random and Computational Dynamics. 3:241-56, 1995

Proved that the entrance time into a small interval is asymptotically exponentially distributed (1995)

With J. Garcia & U. Gut. Vocale – a semi-automatic annotation tool for prosodic research (2002)

Introduced the function sonority as an index of the local regularity of the speech signal

With J. Garcia, D. Duarte & C. Galves. Sonority as a basis for rhythmic class discrimination (2002)

With M. Cassandro, P. Collet, D. Duarte & J. Garcia. An universal linear relation among acoustic correlates of rhythm (2003)

Presented a new class of random fields which are the variable neighborhood random fields

With M. Cassandro & E. Locherbach. Partially observed Markov random fields are variable neighborhood random fields. J. Statis. Phys. 147(4):795-07, 2012

With Eva Locherbach developed Galves-Locherbach model for spiking neurons

With E. Löcherbach. Infinite Systems of Interacting Chains with Memory of Variable Length – A Stochastic Model for Biological Neural Nets". Journal of Statistical Physics, 151(5): 896–921, 2013

Introduced a notion of sensitivity of the contact process to its initial condition

With M. Cassandro & E. Locherbach. Information transmission and criticality in the contact process. J. Statis. Physics 168(6):1180-90, 2017

With E. Locherbach, C. Pouzat & E. Presutti. A system of interacting neurons with short term plasticity (2019)

OTHER CONTRIBUTIONS

With E. Presutti. Edge fluctuations for the one dimensional supercritical contact process. Ann. Probab. 15:1131-45, 1987

With E. Presutti. Travelling wave structure of the one dimensional contact process. Stoch. Process Appl. 25:153-63, 1987

ALGORITHMS, MODELS AND OTHERS

With A. Duarte, R. Fraiman, G. Ost & C. Vargas. Context tree selection for functional data (2016)

With A. Garivier & E. Gassiat. Joint estimation of intersecting context tree models. Scand. J. Statis. 40 (2013)

With N.L. Garcia, E. Locherbach & E. Orlandi. Kalikow-type decomposition for multicolor infinite range particle system. Ann. Appl. Probability 23(4):1629-59, 2013

With C. Galves, J.E. Garcia, N.L. Garcia & F. Leonardi. Context tree selection and linguistic rhythm retrieval from written texts. Ann. Appl. Statis. 6(1):186-209, 2012

With E. Locherbach & E. Orlandi. Perfect simulation of infinite range Gibbs measures and coupling with their finite range approximations. J. Statis. Phys. 138(1-3):476-95, 2010

With M. Cassandro, P. Collet, D. Duarte & J. Garcia. A stochastic model for the speech sonority. Mathem. Sci. Hum. (2007)

With J.A. Cuesta-Albertos, R. Fraiman, J. Garcia & M. Svarc. Identifying rhythmic classes of languages using their sonority: a Kolmogorov-Smirnov approach. J. Appl. Stastis. 34(6):749-61, 2007

With F. Leonardi. Sequence motif identification and protein family classification using probabilistic trees (2005)

With M. Abadi. A version of Maurer's conjecture for psi-mixing processes. *Nonlinearity* 17(4):1357-66, 2004

With D. Duarte, N. Lopes & R. Maronna. The statistical analysis of acoustic correlates of speech rhythm. *Rhyth. Patt. Param. Sett. Lang. Change* (2001)

Antonio Ildefonso Gomes

February 28, 2024

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

Antonio Ildefonso Gomes, Brazilian physician and botanist (São Miguel de Piracicaba, Minas Gerais 22 January 1794 – Rio de Janeiro 29 October 1859)

SOME BIBLIOGRAPHY

Practica elementar da hydro-sudo-therapia, ou modo de curar as moléstias com suadouro, água fria, regimen e exercício (1848)

Lamentações de um brasileiro (1854)

Viagem as provincias do Norte (do Brasil) em 1856 e 1857 (1857)

HONORS

Ildefonsia Gardner 1842 (Plantaginaceae)

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. 8th Pan American Conference on SMFE, Cartagena, Colombia, 1987.

Developed a technique for mensuration of refraction indices using least shift method

Antonio Julián Baldomero Acuña Galé

February 25, 2024

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

Antonio Julián Baldomero Acuña Galé, Cuban botanist, agronomist and plant pathologist (Camaguey 27 November 1900 – Ciudad de Mexico 24 July 1973)

ACHIEVEMENTS

Demonstrated the transmission of Hoja Blanca virus by hemipteran *Sogatodes oryzicola* (Muir)

With L. Ramos-Ledon & Y. López Cardet. *Sogata oryzicola* Muir, vector de la enfermedad virosa hoja blanca del arroz en Cuba. Agrotecnica 23-24, 1958.

Version in English: *Sogata oryzicola* Muir, vector of the hoja blanca virus disease of rice in Cuba. Agrotecnica 4(2):8-15, 1966

DESCRIBED VALID PLANTAE TAXA

Genus

Kodalyodendron 1973 with Borhidi

Species

Basiphyllaea wrightii

Byrsonima luacesii 1953 with Roig

Byrsonima moensis 1953 with Roig

Castela leonis 1950 with Roig

Castela victorinii 1950 with Roig

Exostema lancifolium 1971 with Borhidi

Hornemannia alainii 1956 with Roig

Kodalyodendron cubensis 1973 with Borhidi

Lyonia leonis 1956 with Roig

Lyonia maestrensis 1956 with Roig

Malpighia martiana 1953 with Roig

Malpighia wrightiana 1953 with Roig

Margaritopsis agustinae 1962

Muscarella obliquipetala 1938 with Schweinfurt

Ocotea bucherii 1949 with Roig

Ocotea victorinii 1956 with Roig

Palicourea alainii 1962 with Roig

Palicourea moralesii 1962 with Roig

Palicourea ponce-leonis 1962 with Roig

Palicourea torrei 1962 with Roig

Palicourea vanhermannii 1962 with Roig

Persea galeae 1949

Psychotria byrsonimifolia 1962 with Roig

Psychotria lopezii 1962 with Roig

Schmidtottia scabra 1972 with Borhidi

Spachea maritima 1953 with Roig

Vaccinium alainii 1956 with Roig

Vaccinium leonis 1956 with Roig

Vaccinium shaferi 1956 with Roig

HONORS

Acunaeanthus Borhidi, Jarai-Komlódi & Moncada 1981 (Rubiaceae)

Antonio Krapovickas

March 2, 2024

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

Antonio Krapovickas, Argentine botanist (Buenos Aires 08 October 1921 – Corrientes 17 August 2015)

From Lithuanian parents

Regarded as one of world's foremost experts on taxonomy of Malvaceae family

Authored the most complete monograph of *Arachis* genus

With W.C. Gregory. Taxonomia del genero *Arachis* (Leguminosae). Bonplandia 8:1-186, 1994

DESCRIBED MALVACEAE TAXA

Valid Genera

Acaulimalva 1974

Bordasia 2003

Calyculogygas 1960

Calyptraemalva 1965

Dirhamphis 1970

Hochreutinera 1970

Monteiroa 1951

Phragmocarpidium 1969

Spirabutylon 2009

Tropidococcus 2003

Woodianthus 2012

Subgenus

Novoarticulata 2003

Sections

12

Species

283

HONORS

Krapovickasia Fryxell 1978 (Malvaceae)

Akrosida Fryxell & Fuertes 1992 (Malvaceae)

Antonio Luiz Patricio da Silva Manso

April 3, 2024

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

Antonio Luiz Patrício da Silva Manso, Brazilian physician and naturalist (Santos, São Paulo State 1788 – Campinas, São Paulo State 17 January 1848)

DESCRIBED PLANTAE TAXA (1836)

Genera (Valid and Incertain)

Anisosperma

Cayaponia (Cucurbitaceae)

Druparia

Operculina (Convolvulaceae)

Perianthopodus

Wilbrandia (Cucurbitaceae)

Species

Adenocalymma nodosum

Allasia jobini

Caladium pendulinum

Cayaponia espelina

Convolvulus polyrhizos

Convolvulus puniceus

Convolvulus sarcocarpus

Druparia racemosa

Ipomoea gigantea

Ipomoea polyrhizos

Jacaranda rufa

Manettia auratifolia

Operculina convolvulus

Perianthopodus carijo

Perianthopodus tomba

Tabebuia aurea

Wilbrandia hibiscoides

HONORS

Mansoa De Candolle 1838 (Bignoniaceae)

Antonio Mandelli

April 3, 2024

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

Antonio Mandelli, Argentine naval engineer (fl.1949-78)

ACHIEVEMENTS

Introduced the concept of influence lines

Developed a method by which the exact value of the bending moment amidships for any condition of loading of a given ship can be calculated without resorting to bending-moment curves

Developed a method by which the basic calculations of anterior method can be used to determine the buoyancy curve when a complete bending-moment curve is required

Developed a method of calculating for a given ship the exact value of bending moment amidships for any condition of loading

Simplified calculations of longitudinal bending moments. Trans. Inst. Engineers Shipbuilders Scotland 99 (4):265-88, 1955-6

Enunciated a simple rule for verifying the stability of ships employing metacentric height

Estimation of stability after flooding. Shipbuilder & Marine Eng. Builder 67 (633), 1960

Preliminary estimation of stability. Shipbuilder & Marine Eng. Builder 67 (625):104-5, 1960

Proposed an alternative design for container ships (1976)

Other works

Comparative methods for preliminary design. Shipp. World & Shipbuilder 161 (1968)

Elementos de Arquitectura Naval (1960)

El calculo del momento flector longitudinal de los buques

PATENTS

An improved derrick construction GB910074 A (1961)

Improved hull for cargo AR262153A (1976) & DE2703381A1 (1977)

Ship with loading ramp and an elevator platform AR266852A (1977) & DK151474C (1978)

Vessels for loading and unloading the wheel car SE437807B (1978)

Antonio Maria Pineda

April 16, 2024

[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 Martínez

April 3, 2024

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

Antonio Martínez, Argentine entomologist (Buenos Aires 18 April 1922 – La Marmora, Bolivia November 1993)

Authored 270 works

DESCRIBED NEW GENERA

Coleoptera

75

Hemiptera

Alberprosenia 1977 with Carcavallo

Microtriatoma 1952 with Prosén

Hymenoptera

Bordontilla 1975 with Fritz

Diptera

Joartigasia 1974 with Martínez

Arachnida

Montescueia 1962 with Carcavallo

HONORS

Martineziana Chalumeau & Ozdikmen 2006 (Coleoptera)

Martinezidium Vaz de Mello 2008 (Coleoptera)

Martinezostes Paulian 1982 (Coleoptera)

Antomartinezius Fritz 1955 (Hymenoptera)

Antonio Molina

April 3, 2024

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

José Antonio Molina Rosito, Honduran botanist (Tegucigalpa 28 February 1926 – Tegucigalpa 23 September 2012)

DESCRIBED PLANT SPECIES

Aeschynomene standleyi 1952

Alfaroa williamsii 1968

Bidens arbuscula 1970

Calypttranthes zanquinensis 1953

Casearia sericea 1961 with Williams

Cassia mensarum 1951

Cassia tapahuascana 1974

Cephaelis borucana 1951

Colubrina hondurensis 1953

Croton suyapensis 1951

Dalechampia shankii 1984

Desmanthodium hondurense 1965

Dicliptera antidysenterica 1965

Engelhardia nicaraguensis 1968

Eugenia crassifolia 1953

Eugenia hondurensis 1951

Eugenia lopeziana 1953

Eupatorium albertinae 1970

Eupatorium cyrili-nelsoni 1978

Eupatorium pinetorum 1975 with Williams

Euphorbia culminicola 1965

Gliricidia malacocarpa 1952

Guettarda sageretioides 1952

Hoffmannia teruae 1973 with Williams

Inga nubigena 1974

Inga paludicola 1974

Ipomoea teruae 1970 with Williams

Magnolia hondurensis 1974

Mansoa montecillensis 1974

Maytenus williamsii 1951

Mimosa carbonalis 1974

Mimosa hadrocarpa 1974

Mollinedia ruae 1964 with Williams

Perezia microcephala 1952

Persea primatogena 1977 with Williams

Phrygilanthus nudus 1952

Psychotria cyrili-nelsonii 1989

Psychotria jinotegensis 1981 with Nelson & Standley

Rogiera standleyana 1981

Rubus ostumensis 1974

Salvia selguapensis 1974

Senecio cuchumatanensis 1975 with Williams

Senecio cholutecana 1970

Swartzia sumorum 1952

Ugni disterigmoides 1965

Zanthoxylum anodynum 1953

Zornia lasiocarpa 1951

HONORS

Molinadendron Endress 1969 (Hamamelidaceae)

Amolinia King & Robinson 1972 (Asteraceae)

Antonio Nunez Jimenez

March 1, 2024

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

Antonio Nuñez Jimenez, Cuban geographer, speleologist and archaeologist (Alquízar, La Habana Province 20 April 1923 – La Habana 13 September 1998)

Authored 1,665 papers and other works

A number of discoveries in the fields of Cuban geography and archaeology

Geography/Speleology

Discovered the Gran Caverna de Santo Tomas (1954), the second largest cave system in American continent with archaeological and paleontological discoveries

Archaeology

Discovered the eldest culture of the Cuban archipelago and one of most ancient of Caribbean region in the caves of Seboruco (Mayarí, Holguín) 1939

Studied the Guanahatabey culture in El guanahatabey, troglodita indocubano (1946)

Discovered the Cuba's biggest archeological monument at Guaney (Camaguey Province) consisting of a mound of earth, rocks and ceramic fragments that served as an altar for the Tainos

HONORS

Jimenezia Vandel 1973 (Crustacea)

Jimenezella Avram 1970 (Arachnida)

Antonio Paes de Carvalho

February 26, 2024

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

Antonio Paes de Carvalho, Brazilian electrical physiologist and entrepreneur (Rio de Janeiro 13 June 1935 – Rio de Janeiro 17 September 2021)

Authored at least 28 papers, 5 books and 10 book chapters

Obtained the first record of cellular electrical activity in atrioventricular node

With Brian F. Hoffman. Transmembrane potential of single fibers of the atrioventricular node. *Nature* 181:66-7, 1958

Discovered the specialized pathways of atrial conduction and characterized its electrical activity

With W.C. Mello & B.F. Hoffman. Electrophysiological evidence for specialized fiber types in rabbit atrium. *Am. J. Physiol.* 196:483-8, 1959

First description of mechanism of puncture and slow conduction by atrioventricular node

With B.F. Hoffmann & P.F. Cranefield. Effects of acetylcholine on single fibers of atrioventricular node. *Circ. Research* 7:19-23, 1959

Proposed the concept that cardiac muscle action potential consisted of two distinct components

With B. F. Hoffman & W. Langan. Two components of the cardiac action potentials. *Nature* 211:938-40, 1965

Antonio Quelce Salgado

April 19, 2024

[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](#) 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

www.museoraimondi.org.pe/documentos/quimico-maldonado-diosdeguevara.doc

<http://www.museoraimondi.org.pe/raimondi.htm>

Antonio Romero

April 19, 2024

[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 Rudesindo Garcia Rijo

February 28, 2024

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

Antonio Rudesindo García del Rijo, Cuban surgeon (Sancti Spiritus 20 April 1852 – Finca Lajitas 15 September 1912)

Talla hipogastrica. Simplificación del metodo de Petersen. Cron. Med. Quir. La Habana (1887)

Pinzas para ligaduras profundas y estilete de hueso. Cron. Med. Quir. La Habana 14:93-6, 1888

A simplified technique for serum diagnosis of typhoid fever (1897)

Nuevo y rapido procedimiento de doble cloración de la sangre. Anales real Acad. Cien. Med. Fis. Natur. La Habana (1899)

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. Paradela 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. Paradela 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)

Apolinar Maria

February 25, 2024

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

Nicholas Seiler (Apolinar Maria), French-born Colombian Catholic missionary and naturalist (Sarreguemines, Alsace 05 November 1867 – Bogotá 24 December 1949)

Authored 92 publications

Collected and discovered about 300 species between animals and plants (described by other researchers)

DESCRIBED LEPIDOPTERA TAXA

Species

Colias fassli 1944

Diaethria marginata 1928

Heliconius colombiana 1927

Heliconius leucosticta 1926

Heliconius mixta 1927

Heliconius xanthosticta 1926

Lymanopoda viventieni 1924

Morpho nigromarginata 1942

Papilio oberthuri 1916

Subspecies

18

Varieties

13

HONORS

Apolinaria Rehn 1950 (Orthoptera)

Seileria Dognin 1923 (Lepidoptera)

Apparicio Pereira Duarte

February 27, 2024

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

Apparicio Pereira Duarte, Brazilian botanist (Carandaí, Minas Gerais State 07 December 1910 – Rio de Janeiro 30 March 1984)

Authored 28 papers

Only one paper about phytochemistry

With B. Gilbert, Y. Nakagawa, J.A. Joule, S.E. Flores, J. Aguayo Brissolense, J. Campello, E.P. Carrazzoni, R.J. Owellen, E.C. Blossey, K.S. Brown Jr & C. Djerassi. Alkaloid studies. LI. The alkaloids of twelve *Aspidosperma* species. Tetrahedron 21:1141-66, 1965

DESCRIBED PLANTAE SPECIES

Aspidosperma divaricatum 1972

Aspidosperma ellipsocarpum 1968

Aspidosperma formopsanum 1973

Aspidosperma gilbertii 1968

Aspidosperma heringeri 1968

Aspidosperma williamsii 1972

Callisthene dryadum 1964

Callisthene elisha-florae 1968

Callisthene revoluta 1968

Haplostephium granmogolensis 1974

Haplostephium pinnifolium 1974

Kielmeyera rupestris 1973

Trymatococcus guanabarinus 1964

HONORS

Alkaloid Apparicine, described by H.J. Monteiro, J.A. Joule, L.J. Durham, B. Gilbert & C. Djerassi 1964

LINKS

http://aplicacoes.jbrj.gov.br/publica/archivos_jb/Arquivos_do_Jardim_Botanico/per065170_1986_1987_28r.pdf See

http://aplicacoes.jbrj.gov.br/publica/archivos_jb/Arquivos_do_Jardim_Botanico/per065170_1986_1987_28r.pdf.

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 *Labauchenia 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 hésped *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](#) 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)

Archimede Busacca

February 26, 2024

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

Archimede Busacca, Italian-born Brazilian ophthalmologist (Basico, Messina 27 January 1893 – São Paulo 25 March 1971)

Authored 155 papers and 4 books

Recognized as one of the world's leading ocular pathologists

Became world-famous for his contributions to biomicroscopy of the living eye

Systematized the study of fundus biomicroscopy and its illuminating modes

With H. Goldmann & S. Schiff-Werthemer. Biomicroscopie du corps vitré et du fond de l'oeil (1957)

Performed magistral works on trachoma and the pannus

First to describe the presence of microbes on trachoma and developed a method for obtaining biopsies of trachomatous cornea in Rev. Biol. Hyg. 86 (1934)

On a form of chorioretinitis with detachment of the retina. Arch. Ophthalmol. Rev. Gen. Ophthalmol. 9 (5):549-83, 1949

First to demonstrate the independence of basal membrane from Bowman's membrane in Bull. Soc. Franç. Ophtalm. 62:133, 1949

First to describe the ascending phenomenon of layers in uveitis

Un nouveau phénomène observé dans le corps vitré antérieur au cours des uvéites. Ophthalmologica 126:355-60, 1953

Demonstrated anatomopathologically the vascular keratitis

La keratite trachomateuse avasculaire. Klin. Mbl. Augenhk. 94:202-35, 1935

First to perform light microscopy on an eye with pseudoexfoliation of the anterior lens capsule

Other relevant works

Algumas observações originaes sobre o modo de se comportar da córnea transparente e do humor aquoso nos processos de iridocyclite. Estudos com a lâmpada de fenda de Gullstrand (1922)

DESCRIBED

The pathology of Herbert pits

On the structure of Herbert's pits. Brit. J. Ophthalmol. 19;26-31, 1935

Tonofibrils in lens epithelium (1927)

Three groups of lymphatic channels at the limbus

Chlamydia trachomatis

Un germe aux caracteres de rickettsies (*Rickettsia trachomae*) dans le tissue trachomateux. Arch. Ophthalm. 52:567-72, 1935

METHODS

Un dispositif simple et pratique pour la goniotomie. Ophthalmologica 158;292-5, 1969

Method for selective staining of *Rickettsia*. Their etiological value (1953)

How to transport material for graft for long distances. Ann. D'ocul. 183(9):791-3, 1950

Note préliminaire sur une méthode de coloration elective des rickettsias du trachome et sur leur valeur etilogique. Fol. Clin. Biol. S. Paulo 12(1):1-6, 1940

A simple method of treating dacryocystitis in the newborn. Arch. Ophthalm. 24:1256, 1940

A method for the correction of entropion in trachomatous patients: with particular attention to the esthetic results. Arch. Ophthalm. 16 (5), 1936

Um methodo rápido e simples para coloração dos corpúsculos rickettsioides do trachoma pelo Victoriablau (1935)

NAMED

Trachomatous pustulae

Goniosynechia (1945)

Lunula for conjunctive that compose the limbic area

EPONYMY

Busacca pseudo-exfoliation deposits (1928)

Goldmann-Busacca polar lens

Busacca marginal line of fovea (1948)

Busacca trabecular conjunctival layer

Busacca nodule or floccule (nodule that appears on the iris in the anterior mesodermal layers) 1971

Pannus sclerosé de Busacca (=pannus involutif sclerosé)

Ardoino Martini

April 3, 2024

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

Ardoino Martini, Italian-born Argentine microchemist (Livorno 1872 – Rosario 26 April 1943)

Described at least 78 new reactions and 24 new reagents

CONTRIBUTIONS/BIBLIOGRAPHY

With S. Schamis. Nuevo metodo para el reconocimiento microquimico de los cationes mas comunes em las mezclas complejas. Presented in Segundo Congreso de Quimica, Buenos Aires, 1924.

Über einige neuere innere Komplexe des metallischen nitroso-phenylhydroxylamins und ihre Anwendung bei der mikrochemischen analyse. Mikrochem. 6:152-61, 1929

Eine neue mikrochemische reaction des Kations Ni. Mikrochem. 8:146, 1930

A New microchemical reaction for molybdenum, vanadium and tungsten. Mikrochemie 12:112-3, 1932.

Über eine neue mikrochemische Differentialreaktion des Brucins und Strychnins. Mikrochem. 23:164-167, 1938.

With J.C. Baro Graf. Differentiation reaction for cocaine, novocaine and stovaine. Mikrochemie 26:233-40, 1939.

Modified Deniges method for hydrocyanic acid

With B. Berisso. Microchemical detection of hydrocyanic acid in forensic investigations. Mikrochemie 26:241-4, 1939.

Una nueva reacción microquímica del cátion bivalente UO^2 (1941)

Über einige neue für die mikrochemische mineralanalyse verwendbar acridikomplexe. Mikrochem. 30:201-4, 1942.

Described a microtest for molybdenum employing catechol (1926)

Proposed a micro-chemical test for nickel

Proposed microchemical differential reactions for cinchona alkaloids

Sur de nouvelles reactions microchimiques de la spartéine

With J.C. Baró Graf. On a new microchemical reaction of group, for the identification of the trivalent cations chromium, iron and aluminium

Sobre una nueva reacción microquímica del magnesio

Sobre tres nuevas reacciones microquímicas de las sales de hierro (1924)

Sobre unas nuevas reacciones microquímicas de las sales de metales raros o poco comunes (titanio, zirconio, vanádio, uranio, molibdenio y wolfram) basadas en la formación de complejos con la quinolina y tiocianato de amonio (1924)

Un test para el reconocimiento del cobalto complejoado con piridina y tiocianato de amonio (1929)

Introduced new methods for individualization of histologic characters of mate and its alterations

EPONYMY

Martini reagent (lead iodide-potassium iodide)

Weiland-Martini complex

Martini reaction

Martini test for saffron

Martini test for cocaine

Martini bismuth micro-test

Martini antimony micro-test

Martini micro-test for cobalt

Martini micro-tests for copper

Martini micro-test for chromium

Martini micro-test for antimony, bismuth and gold

Martini micro-test for phosphate and arsenate

Martini micro-test for sodium

Martini micro-test for tungsten

Martini reagent for iron, zinc and indium

ARGENTINA

February 25, 2024

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

Juan Pedro Baigorri Velar, Argentine engineer and geophysicist (Concepción del Uruguay, Entre Ríos Province 1891 – Buenos Aires 24 March 1972)

Invented the pluviógeno, a rainmaking apparatus (1926–38) with worldwide repercussion

José Antonio Balseiro Lahore, Argentine nuclear physicist (Cordoba 26 March 1919 – Bariloche, Rio Negro Province 26 March 1962) países

From Spanish father and French-descent mother

Father of physicist Carlos Antonio Balseiro

Authored a work about optical properties of blood plasma that received comments in a bibliographic note of Nature

With Antonio E. Rodríguez. The absorption spectrum of blood plasma and its stability with various agents. Publ. Fac. Cien. Fis. Mat. La Plata 3:77–91, 1944

With D. Canals Frau. Un fenómeno de fluctuaciones en la radiación. Ciencia e Investigación 2:444, 1946

SOME BIBLIOGRAPHY

Formulación covariante de la electrodinamica cuantica. Rev. Unión Mat. Arg. 18(2), 1957

Descripción cuantica de trenes de onda. Rev. Unión Mat. Arg. 18(2), 1957

Acerca de una transformación canonica del campo de radiación. Rev. Unión Mat. Arg. 13

Angular momentum of photons. Rev. Unión Mat. Arg. 12:153–67 & 209–24

Transformation theory applied to a radiation field. Phys. Rev. 73(11):1346–8, 1948

Problemas sobre la teoria de los campos, vibraciones de moléculas en cristales y sobre fenómenos de transporte

Propagación de ondas electromagneticas en la guía axial excentrica

Impulso angular del campo de radiación

HONORS

Minor planet 6109 Balseiro

Juan Antonio Bussolini, Argentine astrophysicist and jesuit (Chivilcoy, Buenos Aires Province 1905 – San Miguel, Buenos Aires Province 10 September 1966)

Honored in asteroid 2490 Bussolini

León Elkin, Jewish Argentine surgeon (1898 – 1969)

CREATED

Equipment for indirect laryngoscopy

Apparatus and method for press vocal chords

José Mario Fallotico, Argentine citizen (San Vicente, Santa Fe Province 10 October 1897 – Buenos Aires 07 June 1962)

Invented a staff for blind ones (1921) before US George Benham

Julio Hirschhorn Grinstein, Jewish Argentine agronomist (Colón, Entre Ríos Province 21 June 1895 – ?)

Brother of mycologist and plant pathologist Elisa Hirschhorn

Developed new rice cultivars such as Chacarero (1935)

HONORS

Juliohirschhornia Hirschhorn 1986 (Fungi)

Hebe Dina Gay Cocucci, Argentine mineralogist (Rio Cuarto, Cordoba Province 26 January 1927 – Cordoba 25 June 2018)

From Italian descent

With Demartin, Gramaccioli & Pilati codescribed the mineral species benyacarite (1990; described in 1997)

With T. Pilati, C. Gramaccioli & F. Demartin. A structural model for the minerals of the Paulkerrite group (1991)

Honored in mineral species gayite Kampf, Colombo & Gonzalez del Tanago 2010

Ignacio Lucio Imaz Apphatie, Argentine physician

With Emilio Lorentz improved the Ghedini procedure for serum diagnosis of echinococcosis (1908)

Developed a new diagnostic method for showing the blood incompatibility in transfusion

Juan (Ivan) Jagsich, Croatian-born Argentine geodesist and meteorologist (Oslip, Burgenland 28 April 1886 – Gualaguay, Cordoba 03 April 1956)

Authored over 70 works of which Meteorologia Fisica (1954)

Eponym of Jagsich method for joined determination of geographical coordinates (1955) and Jagsich formulae

Luis Miguel Japas, Argentine surgeon (1925 – August 2000)

Authored over 100 works

With L.M. Japas. Un signo clínico de displasia rotuliana. Rev. Asoc. Arg. Ortop. Traum. 58(4):500-1, 1993

Eponym of Japas osteotomy or procedure

RELEVANT PAPERS

With C.E. Ottolenghi. Fractures latérales du col du fémur, variété extradigitale. Rev. Chir. Ortop. 50:389-98, 1964

Surgical treatment of pes cavus by tarsal V-osteotomy. J. Bone Joint Surgery 50^a:927-44, 1968

With F. de Schant. La biopsie par ponction et aspiration du corps vertébral dorsal. Rev. Chir. Ortop. 56:763-70, 1970

Francisco Martín Jauregui, Argentine physician (Buenos Aires 04 July 1876 – Buenos Aires 1961)

Gained international recognition for his studies on yellow fever and syphilis

Authored the book La fiebre jaune (1911)

With Luis Lancelotti proposed the syphilis serumtherapy (1924)

Worked joined to famous names like Paul Ehrlich and Elie Metchnikoff

Correspondent Member, Société Zoologique de France

Juan Mazar Barnett, Argentine ornithologist (Buenos Aires March 1875 – Buenos Aires 20 November 2012)

Authored 51 works of many types (papers, books, monographs, records) about behaviour, ecology and biogeography of birds

He was involved in the description of new bird species

With D. Buzzetti discovered three species possibly new to science in Brazilian Northeast lands leading to discovery and description of *Cichlocolaptes mazarbarnetti* 2014

HONORS

Mazaria Claramunt 2014 (Aves)

Juan José Nissen, Argentine astronomer (Paraná, Entre Ríos Province 31 May 1901 – San Juan 09 June 1978)

From German descent

SOME BIBLIOGRAPHY

Observatorio de Cordoba. Memoria correspondiente al año 1939. Rev. Astron. 12(1), 1939

Las novae. Rev. Astron. (1935)

Vörläufige Orter des Eros. Astron. Nachr. 256(16), 1935

With J. Bobone. Resultados de 277 placas del asteroide Eros, tomadas de enero a mayo de 1931

HONORS

2124 Nissen (Minor planet)

Atanasio Quiroga, Argentine chemist (San Juan 17 June 1853 – Buenos Aires 14 August 1916)

Invented devices for analysing and extraction of gases

El tasímetro. Doctoral Thesis (1888)

Extractor baro-termico (nuevo aparato para extraer los gases de sus soluciones especialmente de las aguas) 1910

Elsa Maria Gutierrez de Rodríguez Pardina, Argentine astronomer (1921 – ?)

Expert on celestial mechanics

Honored in 4914 Pardina (asteroid)

Wenceslao Tejerina Fotheringham, Argentine surgeon and clinical pathologist (Rio Cuarto, Cordoba Province 02 June 1901 – Rosario 1985)

From British ancestry

Eponym of Tejerina Fotheringham sign in appendicitis

José Pedro Uslenghi Pella, Argentine radiologist (Carmen de Areco, Buenos Aires Province 03 August 1890 – 12 July 1958)

Nueva tecnica para la investigación radiologica de las glândulas salivales. Sem. Med. 41:27, 1925

Normas generales para el examen y la interpretación radiológica de la tuberculosis pulmonar. Arch. Tisiol. 9:6-13, 1933

Martín Vince, Argentine lab technician (fl.1962)

Participated in discovery and study of *Saltsaurus loricatus* (1975-7)

Co-described the genus *Mussaurus* 1979 with Bonaparte (Fossil Reptilia)

Honored in genus *Vincelestes* Bonaparte 1986 (Fossil Mammalia)

Argentino Viegas Fontes

February 28, 2024

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

Argentino Viegas Fontes, Brazilian entomologist (fl.1967-93)

DESCRIBED HEMIPTERA GENERA (with Carvalho)

Amapacylapus 1968

Boliviocaspus 1967

Boliviocoris 1967

Cylapocerus 1968

Eglerocoris 1972

Neotropicomiris 1969

Phytocorisca 1972

Platytyloides 1971

HONORS

Fontesius Carvalho 1988 (Hemiptera)

Aristides Azevedo Pacheco Leão

March 6, 2024

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

Aristides Azevedo Pacheco Leão, Brazilian neurophysiologist (Rio de Janeiro 03 August 1914 – Rio de Janeiro 14 December 1993)

Discovered the cortical spreading depression known as Leão waves or phenomenon

Spreading depression of activity in the cerebral cortex. J. Neurophysiol. 7:359-90, 1944

First to relate spreading cortical depression and the aura of migraine

With R.S. Morison. Propagation of spreading cortical depression. J. Neurophysiol. 8:33-45, 1945

SOME BIBLIOGRAPHY

With P.A. Maranhão Filho. A note on the action of glutamine on cortical spreading depression. Cephalalgia 11:201-4, 1991

With E. Oswaldo Cruz, R.F. Bernardes & C.E. Rocha Miranda. The brain of the opossum (*Didelphis marsupialis*): a cytoarchitectonic atlas in stereotaxic coordinates (1968)

With H. Martins Ferreira. Nota acerca da depressão alastrante no cerebelo, tubérculo quadrigêmeo e bulbo olfativo. An. Acad. Bras. Ciencias (1961)

Composição iônica extracelular e depressão alastrante. An. Acad. Bras. Ciencias 33:38-9, 1961

With H. Martins Ferreira. Nota acerca da depressão alastrante no bulbo olfativo. An. Acad. Bras. Cien.

Circulação na pia mater e depressão alastrante da atividade do córtex cerebral. Anais Acad. Bras Ciencias 26, 1954

With H. Martins Ferreira. Alterações da impedância elétrica no decurso da depressão alastrante da atividade do córtex cerebral. Anais Acad. Bras Ciencias 25(3):259-66, 1953

The slow voltage variation of cortical spreading depression of activity. Electroencephalogr. Clin. Neurophysiol. 3:315-21, 1951

Further observations on the spreading depression of activity in the cerebral cortex. J. Neurophysiol. 10:409-14, 1947

Pial circulation and spreading depression of activity in the cerebral cortex. J. Neurophysiol. 7:391-6, 1944

His uncle, Antonio Pacheco Leão, Brazilian physician and botanist (Rio de Janeiro 11 April 1872 – Rio de Janeiro 21 June 1931)

SOME BIBLIOGRAPHY

Correlação hepato-renal em pathologia (1897)

Biografia de Martius (1919)

Enumeração das plantas amazônicas cultivadas no Jardim Botânico e introduzidas, pelo chefe da seção Adolpho Ducke

HONORS

Leocereus Britton & Rose 1920 (Cactaceae)

Aristides Marques da Cunha

February 26, 2024

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

Aristides Marques da Cunha, Brazilian protozoologist (Rio Grande do Sul State 18 February 1887 – Rio de Janeiro 29 August 1949)

ACHIEVEMENTS

With J. Muniz definitely showed the existence of chromatin in bacteria (*Bacillus anthracis*)

Studied in details the endomixia in Ciliata (with J. Muniz & G. de Freitas)

Showed that the pandemic flu was a virosis independently

With O. Magalhães & O. Fonseca. Estudos experimentais sobre a influenza pandemica. Mem. Inst. Oswaldo Cruz 10:174-91, 1918

Discovered American Visceral Leishmaniasis and described *Leishmania chagasi*

With E. Chagas. Estudos sobre o parasita. In: Leishmaniose Visceral Americana, nova entidade mórbida do homem na América do Sul. Mem. Inst. Oswaldo Cruz 32:239-337, 1937

Described an antigen for complement fixation reaction in leishmaniasis

With E. Dias. Sur la preparation d'un antigene stable pour la reaction de fixation du complement dans les leishmanioses. Compt. Rend. Soc. Biol. 129:991-3, 1938

With E. Dias proposed a serological reaction for visceral and /or cutaneous leishmaniasis in Brasil Medico 53:89-92, 1939

Described many species of Protozoa from freshwater and marine plankton and parasites of mammalian cavities

DESCRIBED PROTOZOA TAXA

Families

Cyathodiniidae 1914

Hallidae 1927

Paraisotrichidae 1927

Genera

Bundleia 1928 with Muniz

Buissonella 1925 with Muniz

Cruzella 1923 with Faria & Pinto

Cyathodinium 1914

Cyathodinioides 1936 with Freitas

Eucamptocerca 1914

Eutreptiella 1913

Hydrochoerella 1925 with Muniz

Paracyathodinium 1944 with Freitas

Protohallia 1927 with Muniz

Protolutzia 1925 with Muniz

Prototapirella 1918

Rhynchodinium 1927 with Penido

Spirorhynchus 1915

Toxodinium 1938 with Muniz

Tritopsylla 1929

Tropidomonas 1915

Species

At least 90 new species

HONORS (Protozoa: Ciliophora)

Cunhaia Hasselmann 1918

Cunhamunizia Ito & Imai 2000

Aristides Monteiro

April 3, 2024

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

Aristides do Rego Monteiro, Brazilian physician (Natal 01 November 1900 – ?)

Described Aristides Monteiro auricular syndrome of arterial hypertension and the sign associated to it (Aristides Monteiro sign)

O sinal da artéria do cabo do martelo na hipertensão arterial. O Hospital 31, 1937

Described other clinical signs

Developed a cure for acute angina employing bismuth salts (Monteiro-Godoi Tavares method)

Une nouvelle thérapeutique. Les bismuth dans Le traitement des angines aiguës non spécifiques. Les Ann. l'Oto-larin. 557:6, 1934

Introduced a little light holder in laryngoscope

Laringoscopie directe en suspension. Modification de l'appareille de Seiffert. Acta Otolaring. Stockholm 19(4),

Eponym of Aristides Monteiro stellate ganglion block or sympathetic block

Aristomenes Guimarães Duarte

February 27, 2024

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

Aristomenes Guimarães Duarte, Brazilian geologist and stratigrapher (died 10 April 1936)

Described fossil brachiopod *Magas sergipensis* 1939

Named trilobite species *Anisopyge antiqua* (1938) renamed *Phillipsia (Ameura) duartei*

SOME BIBLIOGRAPHY

Paleontologia da parte superior do Grupo Estrada Nova. Miner. Metal. 1(1):6-8, 1936

Petróleo e condições para a sua ocorrência no Estado de Sergipe. Miner. Metal. 1(3):116-7, 1936

Fósseis da sondagem de Therezina, Estado do Piauí. Serv. Geol. Miner. 2(2):1-3, 1936

Idade dos calcareos do morro do Chaves, Estado do Sergipe. Bol. Serv. Geol. Miner. 79, 1936

Notas geológicas sobre o município de Taquara, Rio Grande do Sul (1936)

Fósseis carboníferos do rio Jatapu. Bol. Serv. Geol. Mineral. 84:1-18, 1938

Brachiopodos do rio Parauary. Bol. Serv. Geol. Miner. 84, 1938

HONORS

Duartea Mendes 1959 (Fossil Brachiopoda)

Aristoteles Godofredo d Araujo e Silva

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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 & Candida Helena Conagin

February 26, 2024

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

Armando Conagin, Brazilian biostatistician (Campinas, São Paulo State 19 January 1922 – Campinas, São Paulo State 14 May 2018)

DEVELOPED / MODIFIED STATISTICAL TESTS

With D. Barbin & C.G.B. Demetrio. Modified Dunnett's test for a randomized complete block design. *Rev. Bras. Biom.* 29(4):559-610, 2011

With D. Barbin & C.G.B. Demetrio. Modifications for the Tukey test procedure and evaluation of the power and efficiency of multiple comparison procedures. *Scientia Agricola* 65:428-32, 2008

With D. Barbin. Bonferroni's and Sidak's modified tests. *Scientia Agricola* 63:70-6, 2006

With L.A. Ambrosio. Delineamento 1/8 (4⁴) em blocos de 16 unidades. *Braz. J. Agric.* 81(2), 2006

Discriminative power of the modified Bonferroni's test under general and partial null hypothesis. *Rev. Agric.* 74:117-26, 1999

OTHER TECHNIQUES

With R.S. Garruti. Escala de valores para avaliação da qualidade de bebida de café (A scoring scale for quality evaluation of the coffee beverage). *Bragantia* 20:557-62, 1961

With F. Grohmann. Técnica para o estudo da estabilidade de agregados do solo. *Bragantia* 19(22):329-43, 1960

With J.R. Gallo. Acid-soluble phosphorus in leaves as a diagnostic aid of the nutritional status of corn (1960)

With R.A. Catani, J.R. Gallo & H. Gargantini. Amostragem de solo para estudos de fertilidade. *Bragantia* 14:19-26, 1955 (a technique for collecting soil samples in order to study fertility)

His wife, Candida Helena Teixeira Mendes Conagin, Brazilian plant cytogeneticist (Piracicaba, São Paulo State 16 June 1917 – Campinas, São Paulo State 04 January 2010)

Sister of agronomist Antonio José Teixeira Mendes

DEVELOPED TECHNIQUES

com Dixier M. Medina Nova técnica para a contagem de cromossomos em amendoim (*Arachis hypogaea* L.). *Bragantia* 22:423-44, 1963

With D.M. Medina. A technique for tetrad analysis and pollen viability in *Tecnica Citologica* Publ. 260 (1964)

With D.M. Medina & C.R.L. Longo. Technique for chromosome observation in *Coffea* embryos. *Caryologia* 24:365-70, 1971

Paradichlorobenzene for chromosome counts. *Stain Technol.* 26(4):274, 1951

O melhoramento do amendoim cultivado (*Arachis hypogaea* L.) por meio de cruzamentos. Técnica empregada. *Bragantia* 15(20):297-300, 1956

Armando de Mattos Filho

April 3, 2024

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

Armando de Mattos Filho, Brazilian botanist (Rio de Janeiro 07 December 1916 – Rio de Janeiro March 2009)

Authored about 100 works

Described and improved research methods in the field of plant anatomy (1982-4)

With P.A. de Mattos Araújo. Estrutura das madeiras brasileiras de angiospermas dicotiledôneas (in 27 parts) (1974-85)

Developed an original process of counting the number of vessels per mm² employing the euscope conjugated to the microscope (1947)

Anatomia do lenho do gênero *Peltogyne* Vog. Arq. Serv. Florestal 8:45-146, 1954

DESCRIBED PLANTAE TAXA

Genus

Arapatiella 1972 with Rizzini

Species (with Rizzini)

Arapatiella trepocarpa 1972

Bombax rawitscheri 1966

Brasiliopuntia subacarpa 1986

Cereus bicolor 1985

Dalbergia decipularis 1968

Dalbergia hortensis 1987 with Heringer

Dioscorea basiclavacaulis 1986

Diploctropis incexis 1968

Eschweilera rhodogonoclada 1968

Mimosa laticifera 1963

Monvillea adelmari 1985

Monvillea saddiana 1985

Phthirusa geniculifera 1986

Pilosocereus cenepequei 1986

Pilosocereus subsimilis 1986

Piptadenia cobi 1968

Pseudoacanthocerus boreomimarum 1986

Swartzia euxylophora 1968

Swartzia fasciata 1968

Tabebuia gemmiflora 1986

Alone

Cuspidaria cordata 1980

SOME BIBLIOGRAPHY

With J.P. Chimelo. Preliminary wood structure observations of five hardwood species from different sites in Brazil (1988)

Estudo anatomico do lenho de *Itaobimia* (Leguminosae-Lotoideae). Arq. Jard. Bot. 24:19-50, 1980

With C.T. Rizzini. Sobre *Luettelburgia* Harms (Leguminosae). Rodriguesia 29(42):7-31, 1977

Anatomia do lenho de *Peltogyne recifensis* Ducke. Arq. Jard. Bot. 19:125-31, 1973

Estudo comparativo de duas espécies de leguminosas latescentes do cerrado e da caatinga. Rodriguesia 26(38), 1971

With C.T. Rizzini. Madeiras da Bahia. An. Bras. Econ. Florestal 19:109-48, 1968

With C.T. Rizzini. Sobre cinco importantes madeiras da Bahia ainda não identificadas. An. Bras. Econ. Florestal 18(18):175-204, 1967

Contribuição ao estudo anatomico do lenho de *Dalbergia cearensis* Ducke. An. Bras. Econ. Florestal 18(8):213-25, 1967

With P.A.M. Araújo. Contribuição ao conhecimento da madeira de *Xylopia brasiliensis* Spreng. Arq. Jard. Bot. 18:269-76, 1964

Contribuição ao estudo anatomico do lenho *Goniorrachis marginata* Taub. (Leg-Caes). Arq. Jard. Bot. 18:215-22, 1964

A estrutura do lenho de sassafráz. An. Bras. Econ. Florestal 12:19-20, 1961

With C.T. Rizzini. Contribuição ao estudo de *Vochysia thyrsoidea* Pohl. Rodriguesia 35-6:83-90, 1961

With C.T. Rizzini. Contribuição ao estudo da cabiúna do cerrado. Rodriguesia (1960)

Contribuição ao estudo anatomico de duas espécies de *Capparis*. Arq. Jard. Bot. Rio de Janeiro 17, 1959-61

With A.M. Bastos. Um jacarandá causador de dermatites. An. Bras. Econ. Florestal (1960)

With P. Occhioni. Estudo anatomico do lenho secundário do puchuryrana *Ocotea fragrantissima* Ducke. Rodriguesia 21:1-8, 1960

With F.R. Milanez. Contribuição ao estudo anatomico das madeiras do gênero *Dicorynia*. Rodriguesia 21-22 (33-44):25-44, 1959

Contribuição ao estudo anatômico do lenho do gênero *Platymenia*. Rodriguesia 21(33):45-58, 1959 (Sep.)

With A.F. Coimbra Filho. Ensaio e apontamentos sobre *Dalbergia nigra* Fr. Allemão. Arq. Serv. Florestal 11:157-74, 1957

With F.R. Milanez. Nota sobre a ocorrência de sílica no lenho de leguminosas. Rodriguesia 28-9 (30-1), 1956

With A.F. Coimbra Filho. Ensaio e apontamentos sobre a urucurana. An. Bras. Econ. Flor. 6(6):188-95, 1953

With A.M. Bastos. As madeiras do Museu Imperial. Anuario Bras. Econ. Florestal (1950)

As madeiras do gênero *Joannesia*. Arq. Jard. Bot. 9 (1949) Separata

With C.T. Rizzini. Fitogeografia e anatomia de *Piptocarpa macropoda* (DC) Baker e *Piptocarpa rotundifolia* (Less.) Baker (Compositae). Rev. Bras. Biologia

Armando Dias Tavares

June 30, 2024

[Bibliography](https://neglectedscience.com/category/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. Ciências 30(4), 1958

Cargas espaciais residuais em eletretos naturais. Anais Acad. Bras. Ciências 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. Ciências 25(4), 1953

On a possible explanation of the Costa Ribeiro effect. Anais Acad. Bras. Ciências 25(1), 1953

Some consequences of “an electronic explanation of the Costa Ribeiro effect”. Rev. Científica 4(1-2):75-9, 1953

The thermoelectric constant of water. Rev. Científica 3(12):39-41, 1952

Armando Dugand

February 27, 2024

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

Armando Dugand Gnecco, Colombian geobotanist and ornithologist (Barranquilla 23 July 1906 – Barranquilla 05 December 1971)

From French father

Authored 109 papers on botany and 29 papers on ornithology

DESCRIBED TAXA

Plants

Valid Genera

Pseudobombax 1943 (Bombacaceae)

Romeroa 1952 (Bignoniaceae)

Saritaea 1945 (Bignoniaceae) in honor to his wife Sara Roncallo

Uribea 1962 with Romero (Fabaceae)

Species

165 species

Aves

Subspecies

Aratinga pertinax lehmanni 1943

Colinus cristatus bogotensis 1943

HONORS

Research Fellow, Harvard University (1942)

Armando Gomez Puyou

February 28, 2024

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

Armando Gómez Puyou, Mexican biochemist (San Luis Potosí 02 April 1934 – Ciudad de México 23 December 2013)

Authored over 150 papers

Demonstrated that monovalent cations promote the NADH oxidase action (1969-72)

With A. Peña Díaz proposed a mechanism of K^+ transport by an ATPase in yeasts (1967) and discovered a H+ATPase system related to K^+ transport system (1972)

Isolated a Ca^{2+} carrier independently of Carafoli (1971)

With M. Tuena de Gomez Puyou, G. Becker & A. Lehninger. An insoluble Ca^{2+} binding factor from rat liver mitochondria. Biochem. Biophys. Res. Comm. 47:814-9, 1972

Discovered and/or designed new types of specific inhibitors of enzymatic action to face parasites such as *Trypanosoma cruzi*

With V. Olivares Illana, A. Rodríguez Romero, I. Becker et al. demonstrated that is possible to attack *Trypanosoma cruzi* at interface between the two subunits in triosephosphate isomerase from *Homo sapiens* and that from parasite without side effects (2007)

METHODS

With M. Tuena de Gómez Puyou. A simple method of purification of a soluble oligomycin-insensitive mitochondrial ATPase (1977)

With A. Darszon developed methodology to extract the ATPase along with other mitochondrial proteins into organic solvents (1982)

With A. Darszon, E. Escamilla & M. Tuena de Gómez Puyou described a method for transfer of spores, bacteria and yeasts into toluene containing phospholipids and low amounts of water (1988)

LINKS

<http://www.scielo.org.mx/pdf/eq/v25n4/v25n4a8.pdf>

Armando Leopoldo De Fina

February 27, 2024

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

Armando Leopoldo De Fina Donato, Argentine agricultural climatologist (Buenos Aires 29 January 1908 – ?)

Developed methods

With L.J. Sabella. La predicción de las áreas de lluvia por nuevo método casi objetivo. RDF INTA 61, 1958

Metodo gráfico e índice numérico para conocer la seguridad de eficiencia de las variedades agrícolas. Rev. Fac. Agron. La Plata 25:21-54, 1943

Proposed agroclimatic districts

Sistema practico para dividir los países en districtos agroclimaticos. Rev. Invest. Agrícolas 4(4):341-55, 1950

Other contributions

Las exigencias meteorológicas de los vegetales. Rev. Fac. Agron. La Plata 21:187-93, 1938

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 resorcin

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. Isoamiline 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

Armando Teodoro Hunziker

February 29, 2024

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

Armando Teodoro Hunziker, Argentine botanist (Chacabuco, Buenos Aires Province 29 August 1919 – Cordoba 12 December 2001)

From Swiss descent

Authored over 150 publications

DESCRIBED PLANTAE TAXA

8 tribes, 3 subfamilies, 5 sub-tribes and 3 sections

Genera

Cuatresia 1977

Darcyanthus 2000

Eriolarynx 2000

Hawkesiophyton 1977

Houssayanthus 1978

Parodiodendron 1969

Plowmania 1986 with Sibils

Schultesianthus 1977

Species, Subspecies & Varieties

74 species and 19 subspecies or varieties

HONORS

Hunzikeria D'Arcy 1976 (Solanaceae)

His brother, Juan Hector Hunziker Landolt, plant cytogeneticist (Buenos Aires 26 August 1925 – Acassuso, Buenos Aires Province 17 March 2003)

Authored over 150 papers

Studied cytologically for the first time over 35 plant species

DESCRIBED

Larrea sect. *Bifolium* 1972 with Palacios

Elytrigia tilcarensis 1966

HONOURS

Biography included in International Marquis Who's Who

Arnaldo Acosta

February 25, 2024

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

Andrés Arnaldo Acosta Nuñez, Paraguayan gynecologist and obstetrician

Authored over 80 papers and 10 books

He was Adjunct Professor at Baylor College of Medicine

Presented Acosta classification for pelvis

With V. Buttram, P. Besch, R. Malinak, R. Franklin & J. Vanderheyden. A proposed classification of endometriosis. *Obstet. Gynecol.* 42:19-25, 1973

SOME BIBLIOGRAPHY

With E. Velasquez & S.G. Mendoza. Menstrual cyclicity after metformin therapy in polycystic ovary syndrome. *Obstet. Gynecol.* 90:392, 1997

With G. DiZerega, R.H. Kaufman & A.L. Kaplan. Solid teratoma of the ovary (1975)

With G.C. Stransky, A.I. Kaplan & J.A. Friedman. Reticulum cell sarcoma of the cervix. *Obstet. Gynecol.* 41:183-7, 1973

With A.Kaplan & R. Kaufman. Gynecologic cancer in children. *Am. J. Obstet. Gynecol.* 112:944, 1972

With C. Mabray & R. Kaufman. Intrauterine pregnancy and coexistent pelvic inflammatory disease. *Obstet. Gynecol.* 37:282, 1971

Complicaciones medicas del embarazo

With S. Warman. Endometriosis y embarazo.

Conceptos Actuales en Fertilidad

HONOURS

President, Federation International of Gynecology and Obstetrics (2003-6)

Annual Award, American College of Gynecology and Obstetrics (2008)

Arnaldo Amado Ferreira

February 28, 2024

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

Arnaldo Amado Ferreira, Brazilian coroner (Teófilo Ottoni, Minas Gerais State 20 April 1896 – São Paulo 26 June 1975)

Authored over 250 scientific works

Authored Da técnica medico-legal na investigação forense (1962) in which are most of his innovatives techniques that were successfully used in another countries and quoted a number of times by foreign authors

Amado Ferreira test for verifying blood spots (4% solution of benzidine in lactic acid with drops of hydrogen peroxide)

Um caso interessante de asphyxia mecânica pelo leite (1927)

Contribuição médico-legal para a dosagem colorimétrica do sulfocianeto nas manchas de saliva. Ann. Fac. Med. Univ. s. Paulo 11(2):177-87, 1935

HONOURS

Doctor Honoris Causa, National College of Toronto, Canadá

Correspondent Member, The National Geographic Society of Washington

Chevalier des Palmes Academiques, France

Arnaldo de Moraes

April 3, 2024

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

Arnaldo de Moraes, Brazilian gynecologist and obstetrician (Rio de Janeiro 28 August 1893 – Rio de Janeiro 06 April 1961)

Authored over 120 scientific articles

Considered a founding father of cervical pathology along with Navratil (c.1949)

Coined the term colpocytology

First to use colposcopy, colpocytology and histopathologic test for a safe result (1950)

Founded Instituto de Ginecologia at Rio de Janeiro (1947)

SOME BIBLIOGRAPHY

Patologia do recém-nascido

Orientação moderna em ginecologia

Apresentações transversais (Thesis)

Fisiopatologia da Infecção puerperal (Thesis)

Propedeutica obstétrica

HONOURS

Honorary Member, Bucharest Gynecological Society

Effective Member, Deutsche Gesellschaft für Gynäkologie (1936)

Honorary President, French Congress of Gynaecology (1949)

Arnaldo Gabaldón

February 28, 2024

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

Arnaldo José Gabaldón Carrillo, Venezuelan parasitologist and tropical physician (Trujillo 01 March 1909 – Caracas 01 September 1990)

Considered world authority in paludism and gained recognition for his studies about biology, ecology and behavior of mosquitoes

ACHIEVEMENTS

Authored 163 scientific works

Proposed a method for measuring hepatomegalies

Presentación de un metodo para la medición de hepatomegalias. Gac.Med. Caracas 40:219-220, 1933.

A method for mounting anopheline eggs. Jour. Parasit. 25(3):281, 1939.

With G. Ulloa. A quick and easy method to determine the sporozoite index in mosquitoes. Trans. Royal Trop. Med. Hyg. 72(3):311-12, 1978.

Proposed a new climate zone named paraequatorial zone

With P. Cova-Garcia. Zoogeografia de los anofelinos em Venezuela. III. Relaciones com el terreno y el clima. Tijeretazos sobre malaria 10(3):164-79, 1946.

DESCRIBED

Subgenus *Plasmodioides* 1985 (with Ulloa & Zerpa) and 5 Protozoa species

6 Diptera species

HONORS

Darling Medal (1960)

Arnaldo López Miranda

March 6, 2024

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

Hermes Arnaldo López Miranda, Peruvian botanist (Ascope, La Libertad Department 26 June 1922 – Trujillo, La Libertad Department 07 May 2010)

Authored over 46 publications

Described about 15 new plant species

HONORS

Lopezmyxa Skvortzov 1972 (Xanthophyceae)

Arnaldoa Cabrera 1962 (Asteraceae)

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-esofagicos. 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)

Arno Lise

March 6, 2024

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

Arno Antonio Lise, Brazilian arachnologist (Canelas, Rio Grande do Sul State ?) fl.1961

DESCRIBED VALID ARACHNIDA TAXA

Genera

Amapalea 2006 with da Silva

Caricelea 2007 with da Silva

Nyetnops 2007 with Platnick

Rejanellus 2005

Theriella 1996 with Braul

Species

135

HONORS

Arnoliseus Braul 2002 (Arachnida)

LINKS

www.wsc.nmbe.ch See <http://www.wsc.nmbe.ch/>.

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

Demonstrated ticks as vectors of horse piroplasmiasis (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 demonstrated 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

Aron Jurkiewicz

March 1, 2024

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

Aron Jurkiewicz, Brazilian pharmacologist (Santos, São Paulo State 12 December 1938 –

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 N.H. Jurkiewicz, G.G. Barros & J.R. Valle. Relative responsiveness (ρ) of pharmacological receptor systems in the rat vas deferens. Pharmacology 2:89-99, 1969

Responsividade relativa de receptores farmacológicos (ρ): considerações teóricas e determinação experimental (1970)

Demonstrated the fade response of vas deferens of castrated rat induced by a maximal dose of barium chloride

With A. Langeloh & A.D. Guedes. Time-response curves for barium and noradrenaline in vas deferens of castrated rat. Europ. J. Pharmacol. (1977)

Synthesized with colleagues a new series of tacripyrines having the moieties of tacrine and nimodipine that inhibit acetylcholinesterase with a potency about 1000 fold lower than that of physostigmine or tacrine, being potential therapeutic agents in Alzheimer disease

With A. Caricati-Neto, A.R.M.S. Brito, S.S. Mulford & P.A. Busatto. A double perfusion system with two-channel recording for the simultaneous study of the contractile response of the circular and longitudinal smooth muscle layers of the rat vas deferens (1990)

Verified that voltage-dependent calcium channels of cell membranes are ruled by hormones and adrenergic innervation

Verified that the density of alpha adenoceptors and calcium channels rise in the hypertension

Reported the first time that nitric oxide behaves a second messenger for the neurotransmission in rat vas deferens

With N.H. Jurkiewicz & I. Vladimirova. Evidence for participation of nitric oxide in excitatory neurotransmitter in rat vas deferens. Life Sciences 55:1123-8, 1994

Solved the calcium paradox

With L. Berganti, A. Caricati-Neto et al. Novel model for calcium paradox in sympathetic transmission of smooth muscles. Role of cyclic AMP pathway. Cell calcium (2013)

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 camargoi 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 Alexandre Moses

April 3, 2024

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

Arthur Alexandre Moses, Brazilian biomedical researcher (Rio de Janeiro 02 June 1886 – Rio de Janeiro 23 November 1967)

From Jewish Austrian & United States ancestry

ACHIEVEMENTS

Authored over 100 works performing studies on microbiology, histology and veterinary

First worldwide demonstration of the existence of anticysticerci antibodies in cerebrospinal fluid

Dos métodos biológicos de diagnostico na cisticercose (Ueber Anwendung biologischer methoden bei der diagnose der cysticercosis) Mem. Inst. Oswaldo Cruz 3:322-6, 1911

Described a specific type of myxoma in rabbits, Moses strain of rabbit myxoma virus or standard laboratory strain for myxoma virus

O vírus do mixoma dos coelhos. Mem. Inst. Oswaldo Cruz 3(1):46-53, 1911

Described fungi *Proteomyces infestans*

With G. Vianna. Sobre nova micose humana, causada por cogumelo ainda não descrito: *Proteomyces infestans*. Mem. Inst. Oswaldo Cruz 5:192-210, 1913.

Developed a complement fixation reaction for diagnosing paracoccidiodomycosis

Fixação de complemento na blastomicose. Mem. Inst. Oswaldo Cruz 8:68-70, 1916

Técnica e modificações da reação de Wassermann. Mem. Inst. Oswaldo Cruz 1:78-97, 1913

HONORS

Genus *Mosesia* Travassos 1928 (Trematoda)

Kummel Award, University of Hamburg (1927)

Arthur Lewis Hall

February 29, 2024

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

Arthur Lewis Hall, English-born South African economic geologist, stratigrapher and petrologist (Birmingham, England 10 January 1872 – Pretoria 13 August 1955)

Authored over 100 publications

SOME BIBLIOGRAPHY

Analyses of rocks, minerals, ores, coal, soils and waters from Southern Africa. Memoir Geol. Survey S. Afr. 32, 1938

The Bushveld igneous complex, with special reference to the Eastern Transvaal (1929)

With G.A.F. Molengraaff. The Vredefort Mountain land in the Southern Transvaal and the Northern Orange Free State (1925)

Mineral resources of South Africa (1924)

On the marundites and allied corundum bearing rocks in the Leysdorp district of the Eastern Transvaal (1923)

Corundum in the northern and eastern Transvaal (1920)

Mica in the Eastern Transvaal. Memoir Geol. Survey S. Africa 13, 1920

The geology of the country around Belfast. Geol. Surv. S. Africa (1918)

The geology of Barberton gold mining district, including the adjoining portion of Northern Swaziland. Memoir S. Afr. Geol. Survey 9, 1918

Asbestos in the Union of South Africa (1918)

The geology of the Murchison Range and district. Geol. Survey U. South Africa 6, 1912

The geology of Sekukuniland. Geol. Survey Pretoria (1911)

With W. Humphrey. The geology of the country round Zeerust and Mafeking including the Malmani Goldfields and the lead and zinc deposits (1910)

The geology of the Steelpoort River Valley. Ann. Rep. Transvaal Geol. Survey 139, 1910

The geology of Pilgrims rest gold mining district. Mem. Transv. Mines Dept 5, 1910

The geology of the country West and North-West of Lydenburg including West Sekukuniland. Rep. Geol. Surv. Transvaal p.53-72, 1909

On calcareous beds in the Pretoria series East of Potgietersrust and their metamorphism. Trans. Geol. Soc. S. Africa 12:10, 1909

On contact metamorphism in the Western Transvaal. Trans. Geol. Soc. S. Africa 12, 1909

With W. Humphrey. On the occurrence of chromite deposits along the southern and eastern margin of the Bushveld plutonic complex (1908)

The geology of the country east of Potgietersrust, including the Marabastad gold field. Report Geol. Survey South Africa p.61-102, 1908

On contact metamorphism in the Pretoria series of the Lydenburg and Zoutpansberg districts. Trans. Geol. Soc. S. Africa 9, 1908

The geology of the country between Zeerust and Zwartkops. Ann. Rep. Geol. Survey Transvaal (1908)

The geology of Pretoria and neighbourhood. Mem. Geol. Surv. Transvaal (1905)

The geological survey of the North-Eastern portions of the Pretoria District, including the tin fields. Ann. Rep. Geol. Surv. Transvaal (1904)

On the mica and corundum resources of the Union of South Africa

The geology of the Haenertsburg goldfields and surrounding country

The manganese deposits near Postmasburg, West of Kimberley

Arthur Neiva

April 9, 2024

[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](#) 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

Arthur William Heywood

February 29, 2024

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

Arthur William Heywood, English-born South African forester (Manchester, Lancashire July 1853 – Stellenbosch 1918)

SOME BIBLIOGRAPHY

Cape woods and forests (1886)

Drift sands in the Division of Caledon and Bredasdorp (1893)

Drift sands at Port Nolloth (1894)

Sandstay grasses: Marram grass: *Ammophila arundinacea*. Agric. J. Cape Colony 15:342-3, 1894

Report on forestry in Basutoland to Government Secretary, Maseru (1908)

HONORS

Heywoodia Sim 1907 (Phyllanthaceae)

LINKS

[WWW.s2a3.org.za/bio/Biograph_final.php?serial=1289](http://www.s2a3.org.za/bio/Biograph_final.php?serial=1289) See http://www.s2a3.org.za/bio/Biograph_final.php?serial=1289.

Arturo Alberto Alezzandrini

February 25, 2024

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

Arturo Alberto Alezzandrini Brauer, Argentine ophthalmologist (Buenos Aires 24 November 1932 –

Described Alezzandrini syndrome

With A.M. Casalá. Vitiligo, poliosis unilateral com retinitis pigmentaria y hipoacusia. Arch. Arg. Dermatol. 9:449, 1959

SOME BIBLIOGRAPHY

Toxoplasmosis ocular aguda adquirida (Nueva forma de inoculación). Arch. Oftalm. Bs. Aires 59:135, 1984

Síndrome de "Morning Glory". Arch. Oftalm. Bs. Aires 58:46-9, 1983

La retino-fluoresceinografía en las alteraciones del epitelio pigmentario de la retina. Arch. Oftalm. Bs. Aires 46:13-20, 1971

Macular degeneration and pits of the optic disc. Mod. Prob. Ophthalm. 9:171, 1971

L'angiomasose miliaire rétinienne de Leber et la rétinite de Coats. Diagnostic différentiel par la retinophotographie après injection intraveineuse de fluorescéine. Ann. Ocul. 202:23-37, 1969

With C. Nicoli. Macula lutea injuries due to an eclipse. Arch. Oftalm. Bs. Aires 43(6):146-50, 1968

Diagnostico diferencial de los tumores intraoculares por medio de la retina-fluoresceino-grafia. IV Congr. Latinoam. Cancer (1967)

Estrias angioides de la retina. Su estudio por medio de la retina-fluoresceingrafia. Arch. Oftalm. Bs. Aires (9):259-63, 1967

With J. Garcia Bazarra. Autohemotherapy in the treatment of ocular burns caused by alkalies. Arch. Oftalm. Bs. Aires 40(12):397-400, 1965

With C. Nicoli. Retinography with fluorescein. Arch. Ophthal B. Aires 40(11):363-82, 1965

With A.C. Cremona. Pliegues falciformes congenitos de la retina. Arch. Oftal. B. Aires 40:79, 1965

Retinitis pigmentosa en sectores simetricos. Arch. Oftalm. Bs Aires 40:72, 1965

Unilateral manifestations of tapeto-retinal degeneration, vitiligo, poliosis, grey hair and hypoacusia. Ophthalm. 147:409-19, 1964

With E. Manzitti. Syndrome dyscephalique de François. Ann. Ocul. 196:456-65, 1963

With E.Q. Cremona & H. Antelo Romero. Radio de curvatura córnea inestable. Arch. Oftalm. Bs. Aires 37(7):148-51, 1962

Arturo Carrion

February 26, 2024

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

Arturo Lorenzo Carrión Pacheco, Puerto Rican medical mycologist and epidemiologist (Rio Piedras 15 August 1893 – San Juan October 1990)

Described the fungal species *Rhinocladiella compacta* 1935

Reported that *Fonsecaea pedrosoi* could be the etiological agent of chromomycosis (1935)

With C.W. Emmons. A spore form common to three etiologic agents of chromoblastomycosis. Puerto Rico J. Publ. Health Trop. Med. 11:114, 1935

Chromoblastomycosis: new clinical type caused by *Hormodendron compactum*. Puerto Rico J. Publ. Health Trop. Med. 11:663, 1936

Cephalosporium falciforme sp.nov., a new etiologic agent of maduromycosis. Mycologia 43:522-3, 1951

Chromoblastomycosis and related infections. New concepts, differential diagnosis and nomenclatural implications. Int. J. Dermat. 14:27-32, 1975

Eponym of Pedroso-Carrión disease or chromoblastomycosis

Arturo Curbelo

February 26, 2024

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

Arturo Curbelo Hernandez, Cuban bacteriologist (Pinar del Río 01 September 1901 – La Habana 21 April 1973)

Authored 264 papers and 11 books

Discovered the etiology of epidemic ileocolitis

Proposed Havana doctrine or *Escherichia coli* pathogenicity

Metodo ideal de administración del *Lactobacillus acidophilus* con fines terapeuticos. Rev. Med. Cubana (1931)

With Reinaldo Marquez Camacho discovered new serotypes: *Salmonella cubana* (1945) & *Salmonella havana* (1937)

Authored the book chapter Fever due to rat bite including sodoku in Clinical Laboratory Methods and Diagnosis by Robert Gradwohl (1943)

Arturo Dárdano de Andrade Lima

February 25, 2024

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

Arturo Dárdano de Andrade Lima, Brazilian botanist and phytogeographer (João Pessoa 12 September 1919 – Aracaju 13 September 1981)

Created the main herbarium about flora of Caatinga formation that obtained international projection

Described two valid plant species *Canistrum pickelii* with L.B. Smith & *Tovomita excelsa* 1974 with Mariz

His complete bibliography can be obtained in Brittonia 34(3):351–4, 1982

Arturo Erhardo Burkart

February 26, 2024

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

Arturo Erhardo Burkart, Argentine botanist (Buenos Aires 25 September 1906 – San Isidro, Buenos Aires Province 25 April 1975)

Son of German immigrants

Authored over 170 works (papers and books) about botany, plant genetics and agriculture

Considered as the foremost world authority on legume taxonomy

Named the term catenated fruits

Estudios sobre las leguminosas-hedisareas de la Republica Argentina y regiones adyacentes. Darwiniana 3:117-302, 1939

DESCRIBED/NAMED TAXA

Genera

Lophocarpinia 1957 (Fabaceae)

Mimozyganthus 1939 (Mimosaceae)

Piptadeniopsis 1944 (Mimosaceae)

Prosopidastrum 1964 (Mimosaceae)

Yucaratonía 1969 (Fabaceae)

Skujaephyconema 1959 (Cynanophyceae)

Others

About 113 new Fabaceae species

A number of intraspecific taxa

HONORS

Houssay Prize, OAS (1974)

Genus *Burkartia* Crisci 1976 (Asteraceae)

Arturo Gomez Pompa

February 28, 2024

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

Arturo Gómez Pompa, Mexican botanist and ecologist (Ciudad de Mexico 21 October 1934 –

Regarded as world authority on ecology of tropical forests, studying their mechanisms of regeneration

Developed a method for studying ecology in tropical areas

Un método para el estudio ecológico en regiones tropicales. Mem. Congr. Mex. Botanica (1963)

Authored a paper became a classical

With S. Guevara & C. Vazquez Yanes. The tropical rain forest: a non-renewable resource. Science (1972)

Developed a botanical database using computers for storage and organization of the information independently of Theodore Crovetto in United States (1967)

DESCRIBED PLANTAE SPECIES

Diospyros riojae 1964

Hydrangea nebulicola 1968 with Nevling

Hymenophyllum saenzianum 1970

Isoetes tryoniana 1970

Polypodium rodriguezianum 1970

Robinsonella mirandae 1962

Thelypteris villana 1970

Yucca lacandonica 1962 with Valdes

HONOURS

Golden Ark Medal (1984)

Tyler Prize for Environment (1994)

Chevron Medal

Arturo Jorge Amos

February 25, 2024

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

Arturo Jorge Amos, Argentine geologist and paleontologist (Temperley, Buenos Aires Province 06 March 1927 – Buenos Aires 29 December 1999)

DESCRIBED FOSSIL BRACHIOPODA TAXA

Genus

Sanjuania 1958

Species

Ancillotoechia cooperensis 1971 with Noirat

Azurduya chavelensis 1958

Beecheria patagonica 1958

Eocoelia quebecensis 1963 with Boucot

Leptocoelia nunezi 1963 with Boucot

Lissochonetes jachalensis 1961

Nudirostra cuyana 1961

Reticularia punillana 1958

Sanjuania dorsisulcata 1958

Spirifer chubutensis 1958

Syringothyris feruglioi 1957

HONORS (Fossil)

Amosia Simanauskas 1996 (Brachiopoda)

Amosiceras Sabbatini, Riccardi & Pagani 2006 (Cephalopoda)

Amosina Boucot 1975 (Brachiopoda)

Amosius Gonzalez & Waterhouse 2004 (Mollusca)

Amosioxylon Cesari, Archangelsky & Vega 2005 (Plantae)

DID YOU KNOW?

Competed in gymnastics at London Olympic Games (1948)

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](#) 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](https://neglectedscience.com/category/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. Alanis, 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](#) 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_Memoriām_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 cytotaxonomy of flowering plants with new findings and concepts

LINKS

https://www.insaindia.res.in/BM/BM35_0913.pdf

Ary Apparecido Salibe

June 27, 2024

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

Ary Apparecido 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)

Ascensión Laurentino Cabrera

February 26, 2024

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

Ascensión Laurentino Cabrera, Argentine astronomer and geodesist (1917 – 27 February 2003)

SOME BIBLIOGRAPHY

With A. Feinstein & J.J. Claria. Multicolor photometry of the open cluster NGC 2287 (1978)

With A. Feinstein & J.C. Forte. The total lunar eclipse of May 24-25 (1975)

HONORS

Asteroid Cabrera 2997

Asha Mathur

April 3, 2024

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

Asha Mathur, Indian virologist (Bijnor, Uttar Pradesh State 13 June 1938 –

Authored over 170 research papers

With British Gardner developed new techniques for rapid diagnosis of viruses

First to demonstrate the transplacental transmission of Japanese encephalitis virus in human and in mouse model

Showed its persistence, latency and reactivation and association of production of previously unrecognized chemotactic factor with neutrophilia and early antiviral host defense

With U.C. Chaturvedi, A. Chandra, S.K. Das, H.O. Tandon & U.K. Singh. Transplacental infection with Japanese encephalitis virus. J. Infect. Dis. 141:712-5, 1980

With K.L. Arora & U.C. Chaturvedi. Transplacental Japanese encephalitis virus (JEV) infection in mice during consecutive pregnancies. J. Gen. Virol. 59:213-7, 1982

First to develop immunofluorescence technique for rapid diagnosis of Japanese encephalitis virus (JEV) infection in patients

With S.K. Tak & P. Kothari. "Foot length" – a newer approach in neonatal anthropometry. J. Trop. Pediatrics 30(6):333-6, 1984

Ashesh Prosad Mitra

April 3, 2024

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

Ashesh Prosad Mitra, Indian atmospheric physicist (Kolkata 21 February 1927 – New Delhi 03 September 2007)

Authored 150 papers and several books and monographs

Authored important studies on lower ionosphere

Showed that atmospheric chemistry changes during a flare

Introduced a method of ionospheric prediction

Introduced new techniques for detecting solar flares such as the use of cosmic radio noise and for analysis of flare effects of the atmosphere

Ashok Kumar Sarbhoy

June 27, 2024

[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

Morrisiella 1985 with Saikia

Sclerotiella 1974 with A. Sarbhoy

Species

At least 75

HONORS

Sarbhoyomyces Saikia 1981 (Fungi)

ASIA

February 25, 2024

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

O. Arunlakshana, Thai pharmacologist (fl.1949-59)

Established a practical and rigorous procedure for the operational classification of competitive antagonism (Arunlakshana-Schild method for determining K_b of an antagonist)

With H.O. Schild. Some quantitative uses of drug antagonists. *Br. J. Pharmacol. Chemother.* 14(1):48-58, 1959

Authored Studies of indigenous drugs. I. Pharmacological study of the leaves of *Cassia siamea*. *Siriraj Hosp. Gaz.* 1:434-44, 1949

Dayananda Bajracharya, Nepalese plant physiologist (Maru Tole, Kathmandu 22 September 1945 – Kathmandu 11 November 2013)

Authored 35 original research articles and 10 books

With P. Schopfer first to observe signals originating in plastids regulating light-mediated development of peroxisome (1970s)

Established that light affects the function of mitochondria and microbodies in plant cells

HONOURS

Honorary Member, World Innovation Foundation, United Kingdom

Abdul Latif Ibrahim, Malaysian veterinarian (Kajanga, Selangor 01 September 1938 –

Developed a vaccine against Newcastle disease

With C.M. Lai & I. Aini. Spray vaccination with an improved Newcastle disease. *Brit. Vet.J.* 139:213-9, 1983

Datuk (Dato) Manikavasagam Jegathesan, Malaysian microbiologist and athlete (Kuala Kangsar, Perak 02 November 1943 –

Authored over 130 papers

Established and/or standardized procedures for the microbiological examination of food-stuffs

Discovered a bacterium named after him *Bacillus thuringiensis* sorovar Jegathesan (1993)

Abdullah Sadiq, Pakistani physicist (Peshawar 05 August 1940 –

Gained international renown for his studies on phase transition theory, computer simulation and solid-state nuclear track detector

Received ICPT Prize Winner (1987)

Asim Cenani

February 26, 2024

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

Asim Cenani, Turkish pediatrician and geneticist (Gaziantep 24 May 1931 –

First reported case of a female patient mosaic for a supernumerary small marker chromosome derived from X

With A. Silahtaroglu, S. Hacıhanefioglu, S. Yılmaz, Y. Tarkan-Arguden & Z. Turner. A small supernumerary marker chromosome X identified by in situ hybridization. Clin. Genet. 47(5):270-3, 1995

DESCRIBED NEW SYNDROMES

With W. Lenz. Totale syndaktylie und totale radio-ulnare Synostose bei zwei Bruedern. Z. Kinderheilkd. 101 (3):181-90, 1967 (Cenani-Lenz syndactyly)

With A.N. Mindikoglu & A. Erginel. An unknown syndrome of nose deformity, oxycephaly, aplasia of the nasolacrimal ducts, and symmetrical cyst formation on the upper lip in siblings: craniorhiny. Plast. Reconst. Surg. 88 (4):699-702, 1991

With A. Yuksel, M.M. Seven, A. Deviren, M.K. Soulemez, S. Hacıhanefioglu & T. Ulutin. Two female siblings with a previously unreported MCA/MR syndrome: pre and postnatal growth retardation, iris colobomata, spasticity, facial dysmorphism and dilated ventricles. Genet. Counseling 10(3):265-9, 1999

Asis Datta

February 27, 2024

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

Asis Datta, Indian molecular biologist (Kolkata, West Bengal 02 February 1944 –

ACHIEVEMENTS

Discovered the role of allosteric enzymes in the regulation of amino sugar metabolism in animal tissues (1970)

First to report the presence of an enzyme inside the bacterial virus (RNA polymerase in bacteriophage PM2) in 1971-2

With S. Ochoa first to report the role of a new initiation factors for protein synthesis in eukaryotic cells (1977)

First to report the presence of 2 translational inhibitors during plant embryogenesis

Unravelled two molecular determinants of virulence in *Candida albicans*

Discovered a N-acetylglucosamine catabolic pathway in highly pathogenic *Candida albicans* (1979-93)

First to demonstrate the involvement of calcium, calmodulin and protein phosphorylation in morphogenesis of *Candida albicans* (1990)

First reported the existence of a signal transduction pathway in *Candida albicans* (1994)

With E.W. Nester clearly demonstrated for the first time the role of virulence gene (Vir C) in Ti plasmid processing in *Agrobacterium* sp. (1988-9)

Isolated AmA1, a lysine-methionine rich storage protein gene from *Amaranthus* sp. that is one of three plant gene worldwide used for development of genetically modified crops (1992)

PATENTS

Indian

1. A process for the preparation of fragmented nucleic acid useful for diagnosis Candidosis (No.177707 dated 15.2.97)
2. A process for the preparation of DNA encoding Oxalate decarboxylase from *Collybia velutipes* (No. 425/Del/92 dated 18.5.92).
3. A process for the isolation of DNA encoding a seed specific protein with nutritionally balanced amino acid composition from *Amaranthus* (No. 227/Del/93 dated 10.03.93).
4. Polynucleotide sequence of fruit softening associated α -mannosidase and its uses for enhancing fruit shelf life ((1647/DEL/2008 dated July 9, 2008)
5. Polynucleotide sequence of fruit softening associated β -D-N-acetylhexosaminidase and its uses for enhancing fruit shelf life ((1648/DEL/2008 dated July 9, 2008).
6. A process for production of anti-diabetic compound in root culture of "*Catharanthus roseus*" (1649/DEL/2008 dated July 9, 2008)
7. Mutant microorganisms and uses thereof (622/DEL/2012 dated March 2, 2012)

United States and other countries

8. Oxalate decarboxylase (US Patent No 5547870 issued on 20.8.96)
9. Seed storage protein with nutritionally balanced amino acid composition (US Patent No.5670635 issued on 23.9.97)
10. AmA1 protein and presumably a composition containing same (US Patent No.5849352 issued on 15. 12. 98)
11. Method of making seed specific DNA (US Patent No.5846736 issued on (8.12.98).
12. Polynucleotide sequence of fruit softening associated β -D-N-acetylhexosaminidase and its uses for enhancing fruit shelf life [IPA-1647/DEL/2008].
13. Polynucleotide sequence of fruit softening associated α -mannosidase and its uses for enhancing fruit shelf life (PCT/IN2009/000387). Published by WIPO on 14.01.2010 (Pub. No.WO/2010/004582) and by the Indian patent office on 16.04.2010 (1647/DEL/2008).
14. Process for production of ant-diabetic compound in root culture of *Catharanthus roseus* (PCT000389). Published by WIPO on 15.01.2010 (Pub. No. WO/2010/004584) and the Indian patent office on 23.04.2010 (1649 DEL/2008).

15. Polynucleotide sequence of fruit softening associated β -D-N-acetylhexosaminidase and its uses for enhancing fruit shelf life (PCT/IN2009/000388). Published by WIPO on 14.01.2010 (Pub. No.WO/2010/004583) and the Indian patent office on 23.04.2010 (1648/DEL/2008).

16. Extra-cellular matrix localized ferritin-1 for iron uptake, storage and stress tolerance

(International application No. PCT/IN2007/000231).

17. Recombinant microorganisms and uses thereof [US Patent 13/451,481]

LINKS

<http://www.jnu.ac.in/faculty/adatta/CV.pdf> See <http://www.jnu.ac.in/faculty/adatta/CV.pdf>.

Astrogildo Machado

April 3, 2024

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

Astrogildo Machado, Brazilian biomedical researcher (São José dos Campos, São Paulo State 1885 – Rio de Janeiro 19 January 1945)

Brother in law of physician Carlos Chagas

ACHIEVEMENTS

Introduced improvements in sera preparation technique

Developed Machado-Guerreiro reaction or test

With C. Guerreiro. Da reação de Bordet e Gengou na moléstia de Carlos Chagas como elemento diagnóstico. Bras. Med. 27(23):225, 1913

Described the protozoan genus *Chagasella* 1912

Developed a procedure to attenuate Koch bacillus

Nouveau procédé pour priver le bacilli de Koch de son acido-resistance. C.R. Soc. Biol. 96(7):484, 1927

PATENTS

A new organic acid and its salts employed in parasitary diseases

Novo acido orgânico e seus sais para emprego nas moléstias parasitárias. Patente 8.424 (1914)

A vaccine for pneumoenteritis in calves

With A. Godoy. Estudos bacteriológicos sobre a diarreia ou pneumoenterite dos bezerros. Patente 9.564 (1917)

A new anthrax or hematic carbuncle vaccine

With A. Godoy. Processo de preparação e emprego de uma nova vacina contra o carbúnculo bacteriano. Patente 9.981 (1918)

Protosan (quinine protosanate), a compound employed against equine trypanosomiasis

An innovative process for high concentration solubilisation of mercurial salts

With J.C. Felipe. Uma nova aplicação das substancias reguladoras de reacção para o fim de estabilizar preparações de mercúrio destinadas a emprego em terapeutica (1930)

HONORS

Machadoella Reichenow 1934 (Protozoa)

Atam Prakash Kapur

March 2, 2024

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

Atam Prakash Kapur, Indian entomologist (fl.1942 – 1973)

DESCRIBED NEW TAXA

Genera

Coleoptera

Acarinus 1948

Afidentula 1955

Afissula 1955

Pseudaspidimerus 1948

Singhikalia 1963

Tetrabrachys 1948

Lepidoptera

Bissetia 1950

Chilotraea 1950

Drasa 1950

Girdharia 1950

Hemiptera

Austrotachardiella 1958

Species

About 100 between Coleoptera, Lepidoptera, Hemiptera & Ephemeroptera

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

Neoapocreadium 1960 with Cable

Neodioecocestus 1960

Neogeolinea 1960 with Cable

Neohelicometra 1960 with Cable

Neomegasolena 1960 with Cable

Neometadena 1970 with Hafeezullah

Neoparantorchis 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)

Atila Gosztonyi

February 28, 2024

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

Atila Esteban Gosztonyi, Argentine ichthyologist (fl.1967)

DEVELOPED METHODS

The use of engine-based laundry “presoaks” for clearing small vertebrates for alizarin red staining of bony tissues. *Stains Technol.* 59(5):305, 1984

DESCRIBED VALID PISCES TAXA

Genera (1977)

Aiakas

Notolycodes

Piedrabuenia

Species

Aiakas krefftii 1977

Aiakas zinorum 1991 with Anderson

Lycenchelys bachmanni 1977

Lycodonus malvinensis 1981

Notolycodes schmidtii 1977

Piedrabuenia ringueleti 1977

Plesienchelys stehmanni 1977

HONORS

Gosztonyia Matallanas 2009 (Pisces)

Atiqur Rahman Ansari

February 25, 2024

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

Muhammad Atiqur Rahman Ansari, Pakistani entomologist and parasitologist (Punjab, India 15 November 1911 – Lahore 07 March 1979)

DESCRIBED NEW TAXA

Mallophaga

Genera

Alcediniphilus 1951

Columbimenopon 1951

Galliferrisia 1951

Gallilipeurus 1944

Painjunirmus 1947

Picophilopterus 1947

Picusphilus 1951

Traihoriella 1947

Ululoecus 1951

Species

About 180

Protozoa

Species

Giardia marginalis 1951

Giardia nycticoris 1952

Giardia pseudoardeae 1951

Giardia recurvirostrae 1951

Retortamonas testudae 1955

Hemiptera

Species

Aonidia ziztyphi 1941

Mercetaspis peshawarensis 1941

Atta ur Rahman

April 19, 2024

[Bibliography](https://neglectedscience.com/category/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, α -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 isoquinoline [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>

Attia Abdel Salam Ashour

February 25, 2024

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

Attia Abdel Salam Ashour, Egyptian mathematician and geophysicist (Dumyat/Damietta 13 September 1924 – Cairo 17 April 2017)

One of the few world experts on the mathematical theory of electromagnetic induction

Showed that any current distribution in the ionospheric shell tends to rotate about the magnetic dipole axis

With V.C.A. Ferraro. Induction of electric currents in a uniform anisotropic ionosphere. *Nature* 196 (4851):260, 1962

SOME BIBLIOGRAPHY

With M.S. Abou-Dina. Exact solutions for certain two-dimensional problems of induction in thin non-uniform sheets. *Geophys. Res.* 95:17547-53, 1990

With M.S. Abou-Dina. A general method for evaluating the current system and its magnetic field of a plane current sheet, uniform except for a certain area of different uniform conductivity with results for a square area. *Il Nuovo Cimento* 12C (15):304-11, 1989

The magnetic field of an infinite plane current sheet uniform except for two circular insertions of different conductivity. *Geophys. J. Roy. Astron. Soc.* 83:127-42, 1985

With R.C. Hewson-Browne, V.C.L. Hutson & P.C. Kendall. Magnetic field reversals in a shelving ocean. *Geophys. J. Roy. Astron. Soc.* 37(3):527-31, 1974

Theoretical models for electromagnetic induction in the oceans. *Phys. Earth Planet Int.* 7:303-12, 1973

Exact solutions for certain AXI-symmetric problems of induction in thin non-uniform sheets (1973)

With S.S. Doss. Some results on the magnetic field of electric currents induced in a thin hemispherical shell of finite conductivity with geomagnetic applications. *Roy. Astron. Soc. Geophys. J.* 22(4):385-400, 1971

Electromagnetic induction in thin finite sheets having conductivity decreasing to zero at the edges with geomagnetic applications. *Geophys. J. Roy. Astron. Soc.* 22(4):417-43, 1971 & 25:447-67, 1971

The magnetic field of a plane current sheet with different uniform conductivities in different part with result for an elliptic area. *Geophys. J. Roy. Astron. Soc.* 22(4):401-16, 1971

The depth variation of the intensity of current induced in a model Earth and ocean. *Geophys. J. Roy. Astron. Soc.* 17(3):321-5, 1969

The effect of the Earth's conductivity on ionospheric shielding. *Z. Geophys.* 35:269-76, 1969

With S. Chapman. Meteor geomagnetic effects. *Smithsonian Contrib. Astrophys.* 8:181-97, 1965

Fourier series expansion for the general power of the distance between two points. *J. Math. Phys.* 6:492, 1965

Electromagnetic induction in finite thin sheets. *Quart. J. Mech. Appl. Math* 18:73-86, 1965

The coast-line effect on rapid geomagnetic variations. *Roy. Astron. Soc. Geophys. J.* 10(2):147-61, 1965

With S. Chapman. The magnetic field of electric currents in an unbounded plane sheet, uniform except for a circular area of different uniform conductivity. *Roy. Astron. Soc. Geophys. J.* 10(1):31-44, 1965

With A.T. Price. Night-time earth currents associated with the daily magnetic variations. *Roy. Astron. Soc. Geophys. J.* 10(1):1-15, 1965

Note on the relations between series equations and integral equations (1965)

On some formulae for integrals of associated Legendre functions. *Quart. J. Mech. Appl. Math.* 17:513-23, 1964

With V.C.A. Ferraro. The induction of electric currents in an anisotropic ionosphere with a belt of high conductivity running along the equator. *J. Atmos. Terr. Phys.* 26:509, 1964

Cylindrical current sheet. *Proc. Math. Phys. Soc. Egypt* 5(4):123-9, 1956

Electromagnetic induction in shells and disks having special distribution of conductivity. *Proc. Math. Phys. Soc. Egypt* 4(4):9-16, 1952

Certain expansions connected with integral equations. *Proc. Math. Phys. Soc. Egypt* 4(2):9-14, 1951

The induction of electric currents in an uniform circular disk. *Quart. J. Mech. Appl. Math* 3:119-28, 1950

With A.T. Price. The induction of electric currents in a non-uniform ionosphere. *Proc. Roy. Soc. A* 195:198-224, 1948

OFFICES/HONOURS

President, International Union of Geodesy and Geophysics (1975-9)

President, International Centre of Pure and Applied Mathematics (1992-6)

Attilio Macchiavello

April 3, 2024

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

Attilio Macchiavello Varas, Chilean hygienist and epidemiologist (Antofagasta 07 December 1902 – Santiago de Chile 14 December 1996)

From Italian father

Authored over 200 papers (until 1962)

ACHIEVEMENTS

With Richard Dresser. A modified method of obtaining large amounts of *Rickettsia prowazeki* by roentgen irradiation of rats. J. Exp. Med. 62(3): 297-304, 1935

Developed Macchiavello stain for *Chlamydia* and *Rickettsia*

Estudios sobre tifo exantemático. III. Un nuevo metodo para teñir Rickettsia. Rev. Chil. Hig. Med. Prev. 1:101-6, 1937

Described murine pseudo plague with paralysis caused by *Klebsiella muris*

Pseudo-pesto murina con parálisis del tren posterior, nueva enfermedad epizootica de la rata causada por *Klebsiella*. Arch. Hig. Rio de Janeiro 12:69-92, 1942

Proposed intradermic auto hemotherapy for systemic bartonellosis

Posible Nuevo tratamiento para la bartonelosis sistémica. Auto-hemoterapia intradérmica. Mecanismo fisio-patológico de la infección bartonelar. Rev. Ecuat. Hig. Med. Trop. 1(4):341-61, 1944

With A.B. Coutinho described adenomielointeritis, a new viral cat disease (1944)

First to report bubonic plague control employing DDT

Identified cold inguinal bubo as pestis minor

Described pestous multiganglionic fever as a new syndrome

Reported the first case of mixed infection by *Pasteurella pestis* & *Pasteurella pseudotuberculosis*

First to show the lack of Vitamin E as the main responsible for murine rodents migration

First to indicate those murine rodents that are relatively refractory to bubonic plague are intersazonal reservoirs of that disease

Described a great number of new bubonic plague reservoirs and vectors (1954)

Developed a new global rat-flea index (adopted by World Health Organization)

First to grow trachoma virus on eggs describing its life cycle before Chinese scientists (1944)

First vital case of toxoplasmosis in a systematic manner in medical literature

Introduced the concept of sanimetry (1960s)

LINKS

<http://repositorio.iaen.edu.ec/bitstream/24000/1177/1/REG%20162%20ASESORIA%20GENERAL%201963%201964%20.pdf>

Attilio Zelante Flosi

February 28, 2024

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

Attilio Zelante Flosi, Brazilian endocrinologist (24 December 1918 – São Paulo 14 October 1996)

Proposed the concept of paludic ionic imbalance

Contribuição para o estudo da insuficiência supra-renal palúdica. Conceito de disonia palúdica (1944)

Proposed hormonal treatment of eosinophilic granuloma and Hand-Schuller-Christian disease using ACTH and corticotropin

Much of his techniques of endocrine treatment were adopted worldwide specially that involving ACTH

A case of diabetes insipidus due to malignant lymphogranulomatosis. Third case in medical literature. Arq. Clin. Exper.

SOME BIBLIOGRAPHY

With S.V. Ferreira. Bases fisiopatológicas para o tratamento dietético da obesidade. Ars Curandi 13(7):8-67, 1980

Tratamento do climatério feminino. Ars curandi 1:8-69, 1972

Pathogenesis of the osteoporosis during the ACTH and corticosteroid therapy and in the Cushing syndrome. Proceed. 1st Intern. Congr. Endocrinology (1960)

With L.M. de Assis, W. Bloise, A.S. Coelho Netto, E.L. Burattini et al. Oito casos de doença de Addison. A blastomicose sul-americana como possível fator etiológico em dois. Rev. Assoc. Med. Bras. 5:56, 1959

With L.M. de Assis, A.S. Coelho Netto, W. Bloise, A.B. Ulhoa Cintra & R.B. Barros. Hormonal treatment of Hand-Schuller-Christian disease. Report on a case with the disappearance of the bone lesions. Clin. Endocrinol. Metab. 19:239-47, 1959

With L.M. de Assis, W. Bloise, A.S. Coelho Netto & A.B. Ulhoa Cintra. Treatment of eosinophilic granuloma by corticotropin: report of 4 cases with disappearance of bone lesions. J. Clin. Endocr. Metab. 17:994, 1957

Studies on variation in phosphatemia in the Cushing syndrome due to action of ACTH: its importance in the pathogenesis of osteoporosis. Res. Clin. Cient. 25(1):8-16, 1956

Ação do ACTH intravenoso sobre o fósforo do sangue. Res. Clin. Cient. 25(3-4):76-82, 1956

With L.N. Antunes & H.L. Oliveira. Hipogonadismo hipotalâmico. Rev. Ass. Paul. Med. 41:107-12, 1952

With L.M. Oliveira, O. Infante & L. Pedalini. Granuloma eosinófilo tratado pelo ACTH. Estudo clínico, histológico e radiológico. Rev. Paul. Med. S. Paulo 42:132, 1952

With H.L. Oliveira. Displasia fibrosa poliostótica (síndrome de Albright). Estudo de 2 casos. Rev. Hosp. Clin. Fac. Med. Univ. S. Paulo 7:21-7, 1952

Metabolic bases of the therapeutic application of ACTH and cortisone. An. Paul. Med. Cir. 64(1):42-4, 1952

Contribuição para o estudo da síndrome adrenogenital na infância. Rev. Hosp. Clin. S. Paulo 5:226, 1950

The cytology as an auxiliary method in the diagnosis and treatment of menstrual disorders and early diagnosis of genital malignancies. Rev. Paul. Med. 35(1):61-4, 1949

Reação de alarme e a síndrome geral de adaptação. Conceito de doenças de adaptação. Importância clínica e cirúrgica. Rev. Gaz. Clin. 46:39, 1948

Introdução ao estudo clínico e terapêutico da insuficiência supra-renal: bases fisiopatológicas. Rev. Med. 29:133-4, 1945

Contribuição ao estudo da natremia e da kaliemia na malária artificialmente induzida (*P. vivax*). Rev. Clin. S. Paulo 16:1, 1944

Contribuição ao estudo anatomo-clínico da acromegalia (1942)

Insolação em medicina de guerra. Rev. Med. (1942)

With Sampaio Rezende & Mesquita Sampaio. Sobre dois casos de endocrinopatias (infantilismo hipofisário e osteo-artrose endócrina) tratados pela hormonioterapia (1941)

Sobre um caso de sarcoma de Ewing da base do crânio e diabetes insipidus (1941)

With J.A.C. Silva Jr. Sobre um caso de meningopatia secundária a ascaridiose (1941)

Contribuição ao estudo da exoftalmo na hipertireoidismo (1940)

Tratamento das síndromes hemorrágicas uterinas de natureza endócrina

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](https://neglectedscience.com/category/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

Beitrage sur 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. Funfstiucks Beitr. Wiss. Bot. 3:177, 1898

Ueber die Ursache der Zellhautwellung in der Endodermis der Wurzeln. Funfstiucks 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](#) 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 Grundzugen 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)

Augusta Vera Duthie

February 27, 2024

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

Augusta Vera Duthie, South-African botanist (Knysna, Western Cape Province 18 July 1881 – Knysna, Western Cape Province 08 August 1963)

DESCRIBED PLANT SPECIES

Anthericum scariosum 1926

Chlorophytum tuberculatum 1926

Eriospermum appendiculatum 1940

Eriospermum fasciculatum 1924

Eriospermum graminifolium 1924

Eriospermum papilliferum 1940

Ornithogalum pygmaeum 1928

Urginea gracilis 1928

Urginea minor 1928

Urginea revoluta 1928

Urginea unifolia 1928

HONORS

Duthiastrum De Vos 1975 (Iridaceae)

Duthiophycus Tandy 1938 (Rhodophyta)

Auguste Bravard

February 26, 2024

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

Pierre Joseph Auguste Bravard, French/Argentine paleontologist and cartographer (Issoire, Puy de Dome 18 June 1803 – Mendoza 28 March 1861)

DESCRIBED FOSSIL MAMMALIAN GENERA

Arctotherium 1857

Budomys 1843

Cainotherium 1857

Camelotherium 1857

Cardiodus 1857

Cynodictis 1850 with Pomel

Eutemnodus 1858

Neomys 1843

Opistorhinus 1857

Platyodon 1853

Plesiarctomys 1852

HONORS

Bravardia Hauthal 1902 (Fossil Plant)

Augusto Aldave Pajares

February 25, 2024

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

Augusto Aldave Pajares, Peruvian phycologist (Trujillo, La Libertad 21 April 1937 – Trujillo, La Libertad 28 April 2022)

SOME BIBLIOGRAPHY

Cushuro. Algas azul-verdes utilizadas como alimento en la región alto andina peruana. Boletín de la Sociedad Botanica de La Libertad 1(2), 1969.

Nuevos generos de desmídias para el Peru. Boletín de la Sociedad Botanica de La Libertad 2:1-34, 1970.

With E. Hegewald and E. Schnepfe. Investigations on the lakes of Peru and their phytoplankton. 5. The algae of Laguna Piuray and Laguna Huaypo, Cuzco, with special reference to *Franceia*, *Oocystis* and *Scenedesmus*. Arch. Hydrobiol. Suppl. 56, Algological Studies 25:387-420, 1980.

Algas andino peruanas como recurso hidrobiológico alimentario. Boletín de Lima 37:66-72, 1985.

La lechuguita del río, *Monostroma quaternaria*: una alga cloroficea como recurso alimentario. Boletín de Lima 58:81-82, 1988.

HONORS

Aldavemyxa Skvortzov 1972 (Xanthophyceae)

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 Brandão Filho

August 19, 2024

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

Augusto Brandão Filho, Brazilian surgeon (Cantagalo, Rio de Janeiro State 18 May 1881 – Rio de Janeiro 18 September 1957)

Achievements

First report about pseudotumoral form of schistosomiasis

Tumor abdominal determinado por bilharziose hepato-biliar. Clin. Cir. 1:130-5, 1922

Techniques

With Paula Santos modified Sluder technique for tonsil removal

Nouveau procédé de nephropexie (1914)

A new method of approaching the crossed ligaments and semilunar meniscus. Braz. Med. 34:247, 1920

SOME BIBLIOGRAPHY

Hérnia perineal posterior Thesis (1903)

Sondas de demora ureteraes. Rev. Med. 1911

A propôs d'un point de technique dans le cathéterisme de uréteres Rev. Med (1913)

Nephropexia (1914)

Raquianalgesia geral. Thesis (1914)

Papiloma e cálculo vesical. Rev. Med (1914)

Um caso de pyelo-nefrite gravídica. Rev. Gynec. Obst. Rio de Janeiro (1914)

Do valor do cateterismo ureteral do diagnóstico dos cálculos de ureter. Arq. Bras. Medicina 1 (1915)

Um caso de cálculo renal. Arch. Brasil Med. (1915)

Eliminação espontânea de um cálculo do ureter mediante injeção do óleo de amêndoas (1917)

Um caso de ruptura de prenhez tubária. Rev. Gynec. Obst. Rio de Janeiro 1 (1917)

Estudo médico-cirúrgico das pielites (1918)

Estudo médico cirúrgico do fleimão peri-néfrico na infância (1918)

Qual a melhor technica para se praticar a cura radical da hérnia crural? Brazil Med. 34:295-7, 1920

Tratamento do rim móvel pela nefropexia (1920)

Da transfusão de sangue na infância (1920)

Invagination de l'appendice (1923)

Quisto da hipofise: ventriculografia e intervenção cirúrgica por via frontal. J. Clínicos 16:224-51, 1924

Neurotomia retro-gasseriana. Rev. Med. Hyg. Mil. 14:201-6, 1925

Lipome arborescente des gaines tendineuses (1925)

Anestesia pelo protóxido de azoto (1925)

Arthrotomie du genou (1928)

With E. Ribeiro & M. de Figueiredo. Du role du suc duodenale en chirurgie gastrique. Rev. Sud Am. Med. et de Chir. 3:297-318, 1932

Prolapse of rectum and uterus through anus during fifth month of pregnancy: case. Gynec. et Obst. 25:467-70, 1932

Papel dos nervos simpáticos na patogenia da edema da mão resultado da simpatectomia. Lyon Chir. 29:401-20, 1932

With F. Mendes & J.V. Rosa. Tumor fantasma do estômago. Rev. Bras. Med. 7(9):633-6, 1950

HONOURS

French surgeon Jean Louis Faure considered him as one of the most complete surgeons in the world (1926)

Honorary Member, Academie de Chirurgie de Paris (1952)

Deputy president, Congress of Internacional Society of Surgery, Paris (1951)

Augusto Carlos Noel

April 9, 2024

[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.

Liquido 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 hirtix* 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 histologico de las maderas chilenas *Embothrium coccineum* Forst. (1929)

Clave universal para la determinación de las familias de las plantas (1923)

Reconocimiento microquimico de los oxalatos solubles en los vegetales (1921)

Contribución al conocimiento histologico de la yerba mate y sus falsificaciones (1921)

Esbozo de uma nueva nomenclatura de las hojas compuestas (1919)

Diferenciación del anís estrelado oficial de las especies toxicas (1919)

Sobre um tratamiento empírico en un caso de mordedura de serpente (1918)

Rol de los nucléolos en la división celular cariocinetica (1918)

Contribuciones al estudio histologico 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 protozoários (1910)

La estrutura morfológica del grano de aleurona

Augusto Chaves Batista

February 26, 2024

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

Augusto Chaves Batista, Brazilian mycologist, lichenologist and phytopathologist (Santo Amaro da Purificação, Bahia State 15 June 1916 – Recife 30 November 1967)

Considered in both Brazil and abroad as outstanding name of mycology in 20th century. Despite this fact he is in great esteem unknown in his own country

ACHIEVEMENTS

Authored 5 books and 700 papers

Described at least 2 families (Astronatiaceae & Polyetronaceae), 170 valid genera of Fungi, 26 valid genera of Lichenes and 410 other taxa of Fungi and Lichen. A important part of these species related to plant and human diseases

Described at least 750 new fungal species

With Heraldo da Silva Maia described a new fungal disease of ornamental fishes (1959)

Described new plant pathogens

Described *Phyllachora torrendiella* as etiologic agent of *lixa pequena* (small verrucosis) in 1948

With J.N. da Silva described a new rose disease caused by a new species *Stagonospora rosarum* (1950)

Diplodia recifensis that causes mal de Recife (mango tree disease) in association with the insect *Xyleborus affinis*.

With T. Gayão described *Teichosporella oryzae* that causes a rice disease (1950)

Didymella mangiferae and *Ascochyta mangiferae* that cause basal necrosis of leaves of mango trees (1952)

Phomatospora anacardiicola 1957 and *Diplodidium anacardiacearum* (with Cavalcante) that cause diseases in cashew nut tree

With Bezerra et al. *Pilgeriella anacardii* 1964 that cause black mold of cashew nut

With J.L. Bezerra, G.E. P. Peres & H. da Silva Maia *Entyloma vignae* etiologic agent of leaf smut

Described new human pathogens

With J.S. Silveira & S.T.C. Campos *Endomycopsis epidermalis* 1959

With F. Monnier & J.S. Silveira *Byrrha portiovaginalis* 1961

With J.A. de Lima, F.P. Pessoa & S.K. Shome. Adiaspiromicose humana: doença pulmonar causada por *Emmonsia brasiliensis*. Publ. 331 IMUR (1961)

HONORS (Fungi Genera)

Batistamnus Bezerra & Cavalcanti 1967

Batistia Ciferri 1958

Batistina Peres 1961

Batistinula Von Arx 1960

Batistopsora Dianese, Medeiros & Santos 1993

Batistospora Bezerra & Herrera 1964

Number 17, Hall of Outstanding Mycologists, Netherlands (1958)

Honor Medal, Università di Pavia (1956)

BIBLIOGRAPHY

<http://www.cybertruffle.org.uk/cgi-bin/bibquery.pl?author=batista, a.c.>

www.sbfito.com.br/tpp/Suplemento_2005_Brasilia.pdf

Augusto Cicare

February 26, 2024

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

Augusto Ulderico Cicaré Ercoli, Argentine mechanical engineer (Polvaredas, Saladillo Department, Buenos Aires Province 25 May 1937 – Saladillo Department, Buenos Aires Province 26 January 2022)

From Italian ancestry

Regarded as a world reference in this field and a world pioneer in ultralight helicopters

Many helicopter companies have based their developments on ultra-light helicopters developed by his company

DESIGNED

A new four-strokes engine with 4-V cylinders for use in DKW automobiles (1960s)

A new fuel axial type injection pump for Diesel engines (1987)

A four cylinder, two strokes aircraft engine with 60HP

Oil recovery pumps that can be found in most racing cars in the tourism category (1972 & 1980)

Oil and gasoil filters for diesel engines (1973)

A rotary injection pump

A novel system that allows to operate Diesel engines with two fuels (Cicaré dual Diesel-Gas System) 2002

A scooter

HELICOPTERS

Built 13 helicopter models (1958, 1964, 1974, 1982, 1986, 1990, 1993, 1996, 1997, 1998 e 2001)

Cicaré CH 1 (first helicopter built in Latin America) 1958

Cicaré CH 3 presented with a four blade rigid rotor, with the hub made of composites and a hydraulic system to assist the commands (1973)

Cicaré CH 4 (1982) & CH 7 (1991) models were recognized for their innovative command systems

Cicaré CH 6 (with 582 rotary engine) designed in 1987; successful displayed in Experimental Aircraft Association, Oshkoshi, USA (1990)

Cicaré CH 11C a counter-rotating helicopter with a novel cyclic system (1998)

Flight Simulators

The first Aircraft flight simulator of Latin America (1969)

Cicaré SVH-3 Helicopter Flight Simulator with unique characteristics with potential to revolutionize the training system in the world 1994

Cicaré SVH4 with a new electronic safety control system (2014)

PATENTS

A lubricating system for two strokes diesel engines (1965)

Transformed the Ford and Chevrolet six cylinder engines from the use of gasoline fuel to diesel and obtained the patent of the invention of this system with a new tapa de cilindros (nº234.852) (1975)

Mechanism for controlling pitch change in helicopter blades (designed in 1987; patented in 1990) US5165851A (1992) EP0589091 A1 (1992)

HONOURS

Gold Medal, Vehicles, Nautical, Aeronautic and Accessories Section, International Exhibition of Inventors, Geneve (1999) for his flight simulator

LINKS

www.cicare.com.ar/en-augusto-cicare.html

Augusto Etienne Teisseire

June 30, 2024

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

Augusto Etienne Teisseire, 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 studio 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)

Teisseiria Kraglievich 1932 (Mammalia)

Teisseirei Roselli 1938 (Lepidoptera)

LINKS

http://www.mec.gub.uy/munhina/pdf/Teisseire_biobiblio.pdf

Augusto Manuel Casalá

February 26, 2024

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

Augusto Manuel Casalá, Argentine dermatologist (? – 20 December 2014)

Co-described Alezzandrini syndrome

With A.A. Alezzandrini. Vitiligo, poliosis unilateral com retinitis pigmentaria y hipoacusia. Arch. Arg. Dermatol. 9:449, 1959

Proposed itching purpura as a separated identity

With S.J. Mosto. Disseminated pruriginous angiodermatitis (itching purpura). Arch. Dermatol. 91(4):351-6, 1965

With J. Abulafia, A.M. Kowalczyk, C.A. Bianchi & O. Bianchi described the unilateral multiple perifollicular fibromes and its histogenesis (1983)

SOME BIBLIOGRAPHY

With A.B. Cannavó, M.C. Kien & H.L. Squiquera. Mancha mongolica y otras melanocitosis dermicas. Arch. Arg. Dermatol. 36(6):375-81, 1986

With R. Galimberti, E.N. Chouela & V. Flores. Ketoconazol suspension oral adultos en el tratamiento de la pitiriasis versicolor. Arch. Arg. Dermatol. 36(5):317-31, 1986

With G.I. Fernandez Alonso, H.L. Squiquera & A.B. Cannavó. Tumor de Abrikossoff (Schwannoma de células granulosas). Estudio inmunohistoquímico de estirpe celular. Arch. Arg. Dermatol. 35(3):123-9, 1985

With A. Bruni, C. Bianchi, O. Stringa et al. Alteraciones dermatológicas en el síndrome de Down. Arch. Arg. Dermatol 33:283-90, 1983

With R. Galimberti, R. Negroni & M.R. Iglesia de Elias Costa. The activity of ketoconazole in the treatment of onychomycosis. Rev. Infect. Dis. 2(4):596-8, 1980

With R. Galimberti, D. Rey & S. Galarza. Paracoccidioidomicosis: localización cutanea poco frecuente asociada a tuberculosis. Rev. Arg. Micol. 1(2):9-13, 1978

With J. Abulafia & D. Grinspan. Atypical fibroxanthoma (atypical fibroxanthoma or true sarcoma?). Arch. Arg. Dermatol. 18(1):71-89, 1968

With D.J. Bordoli, A. Mosto & C. Bianchi. Tumor de celulas gigantes de las vainas tendinosas. A propósito de cinco observaciones. Arch. Arg. Dermatol 17:61-7, 1967

With C. Bianchi, O. Bianchi, L. Mirande & R. Brasquet. Polydysplasie avec hypoplasie dermique focale. Ann. Derm. Syph. 93:63-74, 1966

With J. Abulafia & H.A. Grande. Lupus eritematoso profundo (Irgang-Kaposi). Arch. Arg. Dermatol 10(3):181-91, 1960

With J. Abulafia. Pénfigo benigno familiar crónico (Hailey-Hailey). Arch. Arg. Dermatol 7:77-89, 1957

With I.M. Pomposiello & R.A. Saubidet. Dermatosis provocadas. Arch. Arg. Dermatol. 5:159-66, 1955

With J. Abulafia. Liquen rojo plano anular atrofico como liquen follicular de cuero cabeludo, pseudopelada de Brocq y liquen córneo hipertrófico de pierna. Arch. Arg. Dermatol. 5:75-8, 1955

Las amibiasis cutâneas. Clinica y Tratamiento, Doctoral Thesis (1952)

Manifestaciones dermatológicas amebianas

Augusto Ruschi

April 19, 2024

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

Augusto Ruschi, Brazilian biologist (Santa Teresa, Espirito Santo State 12 December 1915 – Vitoria 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)

Augusto Severo Maranhão

April 3, 2024

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

Augusto Severo de Albuquerque Maranhão, Brazilian aeronaut (Macaíba, Rio Grande do Norte State 11 January 1864 – Paris 12 May 1902)

ACHIEVEMENTS

Conceived and patented Bartolomeu de Gusmão balloon in France (1893), when created dirigibility of semi-rigid balloons

Constructed dirigible Pax, praised for many specialists of field (1902). It was an improvement of anterior dirigible.

Placed traction line coincident to drag one to better control handling aircraft and first to place screw propeller at end axis of dirigibles

PATENTS

A resistance turbo engine (1896)

Driving mechanism for balloons (1891 & 1899)

A rotative reversible machine for graphical imprinting

A direct circular engine (1901)

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

Notopholia

Pseudohirundo

Smutsornis

Swynnertonina

Subgenera

Glaucestrilda

Melananas

Nyctiperdix

Species & Subspecies

Many

Autar Singh Paintal

April 16, 2024

[Bibliography](https://neglectedscience.com/category/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

Avadh Behari Misra

April 3, 2024

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

Avadh Behari Misra, Indian zoologist and microscopist (Serai-Meran, Fatehgarh District, Uttar Pradesh 27 January 1900 – 24 March 1967)

Son of entomologist Rai Bahadur Chandrasekhar Misra

SOME BIBLIOGRAPHY

The recurrent sexual cycle of birds (1962)

The annual reproductive cycles of some Indian birds. Jour. Sci. Res. Benares Hindu University 11:342-85, 1960

With S.R. Rao. The development of the ovary in the female of *Drosicha (Monophlebus) quadricaudatus* (Green) (Homoptera:Coccidae) (1960)

With A.G. Sathyanesan. On the persistence of the orohypophysial duct in some clupeoid fishes. Proc. Int. Zool. Congr. p.5-27, 1958

Sexual periodicity in birds with special reference to India. Proc. Ind. Sci. Congr. 35th session p.93-112, 1948

With V. Prabhaker Rao. The hypodermal glands of *Pulvinaria maxima* Green. Proc. Indian Sci. Congr. 28(3):205-6, 1942

Gross changes in the testes of *Passer domesticus*. Proc. Indian Soc. Congr. 28:186-7, 1942 (abst)

The reproductive cycle of common crow (*Corvus splendens*). Proc. Ind. Sci. Congr. 3:158-9, 1940

The structure and secretion of the ovisac by the female of *Drosichiella (Monophlebus) quadricaudata*. Verhandl. 2:872-6, 1939

The differentiation and development of the male reproductive system in *Drosichiella (Monophlebus) quadricaudata* with remarks on copulation between two sexes. Verhandl. 2:866-71, 1939

A note on the chromosomes of *Acrydium japonicum* (Orthoptera). J. Genet. 13:175-6, 1937

The chromosomes of an earwig, *Forficula scudderi* Borm. Jap. J. Genet. 13:171-4, 1937

A study of the chromosomes of two Japanese species of spittle-insects belonging to the family Cercopidae (Homoptera). J. Fac. Agric. Hokkaido Univ. 6(5):255-64, 1937

On the internal anatomy of the male lac insect *Laccifer lacca* (Homoptera:Coccidae). Proc. Zool. Soc. London Pt.IV:1359-81, 1931

On the internal anatomy of the female lac insect *Laccifer lacca* (Homoptera:Coccidae). Proc. Zool. Soc. London (1):297-323, 1931

On the anatomy of the larvae of *Laccifer lacca* Kerr (Hom:Coccidae). Bull. Ent. Res. 22:297-306, 1931

On the post-embryonic development of the female lac insect *Laccifer lacca* Kerr (Homoptera: Coccidae). Bull. Ent. Res. 21(4):455-67, 1930

On a collection of lac insects from Northern India. Bull. Ent. Res. 21:161-4, 1930

On the genitalia of the male lac-insect (*Tachardia lacca* Kerr) with a note on its method of copulation. Proc. Indian Sci. Congr. 11:119, 1924

With S.N. Mehrotra. Diurnal mitosis in the testes of Indian birds

HONORS

Misracoccus Prabhaker Rao 1950 (Hemiptera)

Avelino Barrio

February 26, 2024

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

Avelino Barrio Perez, Spanish-born Argentine herpetologist and toxinologist (La Coruña, Spain 10 August 1920 – Buenos Aires 30 June 1979)

Gained international recognition for his studies on snake venoms

Authored about 100 papers

Co-discoverer of rattlesnake neurotoxin called gyroxin (1931)

With Vital Brazil discovered veratrine properties of venom from *Crotalus durissus* (1950s)

With O. Vital Brazil described an apparatus for obtaining bird spider venom employing electrical stimulus

Discovered that the green coloration in frogs of the families Centrolenidae, Hylidae and Pseudidae is due partly to the pigment biliverdin (1965-8)

Performed important contributions to the study of anuran songs

DESCRIBED VALID AMPHIBIA TAXA

Genus

Insuetophrys 1970

Species

Atelognathus nitoi 1973

Batrachyla antartandica 1967

Ceratophrys cranwelli 1980

Hypsiboas cordobae 1965

Insuetophrys acarpicus 1970

Physaelemus santafecinus 1965

Pleuroderma guayapae 1964

Scinax berthae 1962

LINKS

<https://www.sites.google.com/site/coleccionabacacia/home/-publicos-homenajes/2-avelino-barrio-h>

Avinash Chandra Nautiyal

April 9, 2024

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

Avinash Chandra Nautiyal, Indian micropaleontologist (fl.1966)

DESCRIBED FOSSIL TAXA

Genera

Grandiphycus 1978

Pakria 1983

Palaeonostochopsis 1983

Satpulispora 1979

Species

Animikiea indica 1980

Archaeoellipsoides grandis 1985

Archaeorestis faguaensis 1988

Baltisphaeridium gangolihatense 1978

Contrahofilum minutum 1983

Eomycetopsis spinosus 1986

Grandiphycus satpuliensis 1978

Granomarginata dhalii 1982

Granomarginata simlaensis 1982

Kakabekia macroumbellata 1988

Leiofusa minuta 1988

Leiosphaeridia microgranulosa 1983

Leiosphaeridia microminuta 1985

Leiosphaeridia nalderaensis 1985

Leiosphaeridia porcellanitensis 1983

Leiosphaeridia sarjeantii 1983

Menneria hymenophacoides 1984

Neonostoc sangrampurensis 1986

Nucellophaeridium minor 1986

Oscillatorioopsis glauconitensis 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

Sulcatisorites sahnii 1976 with Sahni

Trachysphaeridium dalkiense 1988

Subspecies

Desmochitina minor minutus 1989

Desmochitina minor naldera 1985

Desmochitina minor spina 1989

Axel Oscar Bachmann

February 26, 2024

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

Axel Oscar Bachmann Eberle, Argentine entomologist (Buenos Aires 07 March 1927 – 10 February 2017)

From German descent

Expert on aquatic insects

Authored over 138 papers, 23 book and book chapters

DESCRIBED NEW ARTHROPODA TAXA

Coleoptera

Subgenus

Paramegadytes 1980 with Tremouilles

Species

Andogyrus anta 1965

Andricus bioteriae 1999 with Pujade-Villar

Helobata confusa 1987 with Fernandez

Helobata corumbataensis 1987 with Fernandez

Helobata perpunctata 1987 with Fernandez

Helobata quatipuru 1987 with Fernandez

Hydrobiomorpha (Hydrobiomorpha) acutidens 1988

Hydrobiomorpha (Hydrobiomorpha) brasiliensis 1988

Hydrobiomorpha (Hydrobiomorpha) caratinga 1988

Hydrobiomorpha (Hydrobiomorpha) costera 1988

Hydrobiomorpha (Hydrobiomorpha) denticulata 1988

Hydrobiomorpha (Hydrobiomorpha) franca 1988

Hydrobiomorpha (Hydrobiomorpha) iguazu 1988

Hydrobiomorpha (Hydrobiomorpha) irinoides 1988

Hydrobiomorpha (Hydrobiomorpha) mucajai 1988

Hydrobiomorpha (Hydrobiomorpha) paraensis 1988

Hydrobiomorpha (Hydrobiomorpha) paulista 1988

Hydrobiomorpha (Hydrobiomorpha) praesumptapolita 1988

Hydrobiomorpha (Hydrobiomorpha) solitaria 1988

Hydrobiomorpha (Hydrobiomorpha) spatula 1988

Hydrobiomorpha (Hydrobiomorpha) spiculosa 1988

Hydrobiomorpha (Hydrobiomorpha) utiariti 1988

Hydrobiomorpha (Hydrobiomorpha) utinga 1988

Hydrobiomorpha (Hydrobiomorpha) venezolana 1968

Hydrophilus (Hydrophilus) guarani 1966

Lancetes arauco 1981 with Tremouilles

Mecometopus aulai 2002 with Di Iorio

Megadytes (Bifurcitus) magnus 1980 with Tremouilles

Tropisternus (Pristoternus) acaragua 1970

Tropisternus (Pristoternus) burmeisteri 1981 with Fernandez

Tropisternus (Pristoternus) gaeae 1969

Tropisternus (Pristoternus) longispina 1981 with Fernandez

Tropisternus (Pristoternus) sapana 1970

Tropisternus (Tropisternus) missionum 2000 with Fernandez

Tropisternus (Tropisternus) noa 2000 with Fernandez

Hemiptera

Genus

Guazuplea 1968

Species

Ectemnostega quechua 1961

Metrobates laetus 1995 with Mazzuco

Microvelia isabelae 1979

Neoplea (Neoplea) gauchita 1968

Notonecta (Paranecta) huincamoreni 1962

Ovatametra gualeguay 1966

Sigara (Tropocorixa) tucma 1961

Sigara (Tropocorixa) platensis 1962

Sigara (Tropocorixa) vuriloche 1960

Sigara (Tropocorixa) yala 1979

Tenagobia (Incertagobia) carapachay 1961

Trichocorixa milicorum 1979

Diptera

Species

Culex lahillei 1962 with Casal

LINKS

http://www.scielo.org.ar/scielo.php?pid=S0373-56802007000200003&script=sci_arttext&tlng=pt See http://www.scielo.org.ar/scielo.php?pid=S0373-56802007000200003&script=sci_arttext&tlng=pt. (bibliography)

Aylthon Brandão Joly

March 1, 2024

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

Aylthon Brandão Joly, Brazilian phycologist and botanist (Itatiba, São Paulo State 15 November 1924 – São Paulo 29 August 1975)

Considered as one of great phycologists of 20th Century

Authored 73 works

DESCRIBED TAXA

Algae

Valid Genera

Centrocerocolax 1966

Dawsoniocolax 1970 with Yamaguishi-Tomita

Diplothamnion 1966 with Yamaguishi-Tomita

Heterodasya 1966 with Oliveira Filho

Montemaria 1970 with Alveal

Spyridiocolax 1966 with Oliveira Filho

Species

Anadyomene saldanhae 1969 with Oliveira Filho

Anadyomene rhizoidifera 1973 with Pereira

Antithamnion ternetum 1966 with Cordeiro Marino

Antithamnion tristicum 1963 with Yamaguishi-Tomita

Aphanocladia pacifica 1968 with Alveal

Audouinella agardhiellae 1963 with Cordeiro Marino

Audouinella epispiculum 1963 Cordeiro Marino

Avrainvillea atlantica with Yamaguishi-Tomita

Calliblepharis occidentalis with Yamaguishi-Tomita

Callithamnion callithamnioides 1966 with Ugadim

Caulerpa kempfii with Pereira

Centrocerocolax ubatubensis 1966

Ceramium brasiliense 1957

Ceramium dawsoni 1957

Champia minuscula 1966 with Ugadim

Chondria platyramea 1966 with Ugadim

Corallophila atlantica 1963 with Ugadim

Cryptonemia delicatula 1966 with Cordeiro Marino

Dawsoniocolax bostrychiae 1967 with Yamaguishi-Tomita

Diplothamnion tetrastichum 1966 with Yamaguishi-Tomita

Gracilaria cearensis 1965 with Pinheiro

Jania prolifera 1966

Laminaria abyssalis 1967 with Oliveira Filho

Laminaria brasiliensis 1966 with Oliveira Filho

Lomentaria rawitscheri 1957

Myriogloea bonariensis 1970 with Cabrera & Sazima

Periphykon delesserioides with Ugadim & Oliveira Filho

Pleonosporion boergesenii 1957

Polyphysa myriospora 1965 with Cordeiro Marino

Pterocladella taylori 1957

Rhipilia fungiformis with Ugadim

Scinaia brasiliensis 1965 with Cordeiro Marino

Spermothamnion nonatai 1957

Spyridicolax capixaba 1966 with Oliveira Filho

Stenogramma rhodymenioides 1970 with Alveal

Varieties

5

Plantae

Cybianthus coronatus 1978 with Jung (Primulaceae)

HONORS

Jolydrilus Marcus 1965 (Annelida Oligochaeta)

Jolyna Guimarães 1986 (Phaeophyceae)

Aylthonia Menezes 1971 (Velloziaceae)

Ayub Khan Ommaya

April 9, 2024

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

Ayub Khan Ommaya, Pakistani neurosurgeon (Mian Channu, Punjab 14 April 1930 – Islamabad 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. Vasantharaj David

February 27, 2024

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

B(aliah) Vasantharaj David, Indian entomologist (Insein, Myanmar 17 November 1934 –

DESCRIBED HEMIPTERA GENERA

Aleuropapillatus 1993 with Regu

Cockerelliella 1992 with Sundararaj

Crescentaleyrodes 1987 with Jesudasan

Fippataleyrodes 1992 with Sundararaj

Hindaleyrodes 1994 with Meganathan

Indoaleyrodes 1976 with Subramanian

Kanakarajiella 1993 with Sundararaj

Keralaleyrodes 1994 with Meganathan

Lankaleyrodes 1993

Moundiella 1974

Orientalleyrodes 1993

Rositalleyrodes 1994 with Meganathan

HONORS (Hemiptera)

Vasantharajiella Manidurai David & Manoharan 2000

Vasdavidius Russell 2000

B.R. Jagannatha Rao

April 23, 2024

[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

Baatar Chadraa

February 26, 2024

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

Baatar Chadraa, Mongolian nuclear physicist (1939 – 2016)

Discovered D_h resonance at proton-proton interaction

Observed unprecedented nuclear reactions in the interaction between photo emulsion and cosmic rays

Developed methodology for improving bubble chambers

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

Bailin Hao

February 29, 2024

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

Bailin Hao, Chinese physicist (Beijing 26 June 1934 – Beijing 07 March 2018)

Authored 171 research papers and 27 books

CONTRIBUTIONS

With S.Y. Zhang. An ALGOL program to calculate the fault currents in power networks” Communications in Power Systems Design, 33 (1976) (in Chinese).

With S.Y. Zhang. “Two ALGOL programs to calculate power flows in power networks” Communications in Power Systems Design, 44 (1977) (in Chinese).

With H. Shi & Y.C. Xu “A closed-form approximation for the 3-dimensional Ising model” Chinese Physics (AIP), 2 (1982), 1-16 Chinese original: Acta Physica Sinica, 27 (1978), 47-62.

With S.Y. Zhang. A general-purpose program for calculating the stability and transients of high order linear regulator systems” Computer Technique, 1:45-56, 1978 (in Chinese).

With Q.L. Li, J.B. Chen & L.Yu. “Time and space scanning of the b-value: a method for monitoring the development of catastrophic earthquakes” Acta Geophysica Sinica, 21:101-124, 1978 (in Chinese)

With S.Y. Subharmonic stroboscopy as a method to study period-doubling bifurcations” Phys. Lett. A87:267-70, 1982

Two kinds of entrainment-beating transitions in a driven limit-cycle oscillator”, J. Theor. Biol., 98:9-14, 1982

With S.Y. Zhang. Subharmonic stroboscopic sampling method for study of period-doubling bifurcation and chaotic phenomena in forced nonlinear oscillators”, Acta Physica Sinica, 32:198-208, 1983 (in Chinese)

With G. Hu. A scaling relation for the Hausdorff dimension of the limiting sets in one-dimensional mappings” Commun. Theor. Phys., 2:1473-6, 1983

With C.J. Mei. A semi-microscopic model for acoustic activity”, Commun. Theor. Phys., 4:795-802, 1985

With W.Z. Zeng. The derivation of a sum rule determining the q-th order information dimension”, Commun. Theor. Phys., 8:295-301, 1987

With J. Qi & H. Luo. CVTree: a phylogenetic tree reconstruction tool based on whole genomes”, Nucl. Acids Res. 32 (July 2004), Web Server issue, W45-W47

With Junjie Shen, Shuyu Zhang & Hoong-Chien Lee. SeeDNA: a visualization tool for K-string content of long DNA sequences and their randomized counterparts. Genomics, Proteomics and Bioinformatics, 2(3):192-6, 2004

With Guanghong Zuo. CVTree3 Web Server for whole-genome-based and alignment-free prokaryotic phylogeny and taxonomy, Genomics Proteomics Bioinformatics, 13: 321- 31, 2015

With Guanghong Zuo. LVTree Viewer: an interactive display for the All-Species Living Tree incorporating automatic comparison with prokaryotic systematics, Genomics Proteomics Bioinformatics (2016)

HONORS

Bailinhaonella Feng, Yang, Gao, Ji, Yin, Zhao, Chunyi, Li, Zhi & Tang 2019 (Bacteria)

Baini Prashad

April 16, 2024

[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

Eocremonoconchus 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)

Bal Krishan Anand

February 25, 2024

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

Bal Krishan Anand, Indian physiologist (Lahore 17 September 1917 – 02 April 2007)

ACHIEVEMENTS

First described the presence of a “feeding center” and “satiety center” in the hypothalamic region of rat brain

With John R. Brobeck. Hypothalamic control of food intake in rats and cats. Yale J. Biol. Med. 24:123-40, 1951

Discovered that the synthesis of acetylcholine declines in winters and that small amounts of acetylcholine accelerate rather than slow down the heart

Influence of temperature on vagal inhibition and liberation of acetylcholine in frog hearts. Am. J. Physiol. 168:218, 1952

Established the regulation of various visceral responses from the limbic system of brain linking emotional and aggressive behaviour with these responses

Balkrishna Shankar Gogate

February 28, 2024

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

Balkrishna Shankar Gogate, Indian helminthologist (Mehidpur, Ujjain District, Madhya Pradesh State 25 October 1906 – ?)

DESCRIBED TREMATODA TAXA

Genus

Proacetabulorchis 1940

Species

Gogatea serpentium 1932

Neodiplostomum gumbudia 1940

Ostiolum mehrai 1935

Parabascus macrorchis 1939

Paryphostomum testitrifolium 1934

Petasiger minutissimus 1934

Platynotrema cerivoulae 1939

Proacetabulorchis prashadi 1940

Subvulifer halcyonae 1940

HONORS

Gogatea Lutz 1935 (Trematoda)

Banawari Lal Chaudhuri

February 26, 2024

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Banawari Lal Chaudhuri, Indian ichthyologist (1866-1931)

DESCRIBED FISH TAXA

Genera

Aborichthys 1913

Species

Aborichthys kemp 1913

Amblyceps murraystuarti 1919

Bangana almorae 1912

Barilius bonarensis 1912

Batasio merianiensis 1913

Bathygobius ostreicola 1916

Botia birdi 1909

Botia lohachata 1912

Channa burmanica 1919

Devario annandalei 1908

Devario naganensis 1912

Labeo yunnanensis 1911

Lepidocephalichthys annandalei 1912

Monopterus hodgarti 1913

Mystus dibrugarensis 1913

Mystus pulcher 1911

Olyra kemp 1912

Poropuntius cogginii 1912

Rasbora kobonensis 1913

Schistura manipurensis 1912

Schizothorax molesworthi 1913

Semiplotus cirrhosus 1919

Triphichthys weberi 1910

HONORS

Chaudhuria Annandale 1918 (Fishes)

Bangalore Puttaiya Radhakrishna

April 23, 2024

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Bangalore Puttaiya Radhakrishna, Indian geologist (Bangalore 30 April 1918 – Bangalore 26 January 2012)

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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

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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

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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

Granuloperculatipollis 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
Nymphaeoipollis 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
Velamisporites 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](#) 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

Halosydropsis 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 tridentata 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 tchangsi 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
Scoelelepis (Scoelelepis) 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
Tambalagama sinica 1993 with Shen
Trichobranchus polychaetus 1988 with Wang

Echinodermata

Subspecies

Aphelasterias changfeng yingi 1962 with Baranova

HONORS

Wuinereis Khlebovich 1996 (Polychaeta)

Barend Cornelius Jansen

March 1, 2024

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

Barend Cornelius Jansen, South African veterinarian (12 August 1921 – Pretoria 13 July 1987)

Internationally recognized for his research on the toxins produced by members of the *Clostridium* genus

Authored over 50 papers

SOME BIBLIOGRAPHY

With M. Hayes. The acquisition of immunity to *Histophilus ovis* by sheep in nature. Onderstepoort. J.Vet. Res. 51:269-70, 1984

With M. Hayes. Immunity against genital infection by *Histophilus ovis* in rams. Onderstepoort. J.Vet. Res. 51:203-7, 1984

With M. Hayes. Retardation of wool growth in Merino sheep caused by bacteria. Onderstepoort. J.Vet. Res. 50:271-4, 1983

With J.L. Du Plessis & L. Prozesky. Heartwater in Angora goats. I. Immunity subsequent to artificial infection and treatment. Onderstepoort. J.Vet. Res. 50:137-43, 1983

The epidemiology of bacterial infection of the genitalia in rams (1983)

The etiology of rams epididymitis. Onderstepoort. J.Vet. Res. 47:101-7, 1980

With P.C. Knoetze. The immune response of horses to tetanus toxoid. Onderstepoort. J.Vet. Res. 46:211-6, 1979

With P.C. Knoetze. Tryptic activation of *Clostridium botulinum* type C β toxin. Onderstepoort. J.Vet. Res. 38:237, 1971

The quantitative determination of the toxic factors produced by *Clostridium botulinum* types C & D. Onderstepoort. J.Vet. Res. 38:177, 1971

The toxic antigenic factors produced by *Clostridium botulinum* types C and D. Onderstepoort. J.Vet. Res. 38:93-8, 1971

The prevention of enterotoxemia (pulpy kidney disease) by vaccination. Bull. Off. Intern. Epiz. 67:1539-67, 1967

The duration of immunity to pulpy kidney disease of sheep. Onderstepoort. J.Vet. Res. 34:333, 1967

The production of a basic immunity against pulpy kidney disease. Onderstepoort. J.Vet. Res. 34(1):65-80, 1967

The beta toxin of *Clostridium welchii* type B, Wilsdon, in relation to the production of a vaccine against lamb dysentery. Onderstepoort. J.Vet. Res. 28:495-549, 1961

The occurrence of pulpy kidney in sheep dosed with phenothiazine. J.S. Afr. Vet. Med. Assoc. 31:209-10, 1960

The experimental reproduction of pulpy kidney disease. J.S. Afr. Vet. Med. Assoc. 31:205-8, 1960

With A.S. Snijders. A comparison of *Streptothrix bovis* and *Actinomyces dermatonomus*. Bull. Epizoot. Dis. Afr. 3:242-3, 1955

With W.O. Neitz. Transmission of tick paralysis to adult Merino sheep by *Rhipicephalus evertsi*. Laboratory observations, Onderstepoort (1950)

Barry Ramachandra Rao

April 23, 2024

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Barry Ramachandra Rao, Indian physicist (Visakhapatnam District, Andhra Pradesh State 21 November 1922 – Visakhapatnam 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>

Bartolomeu Lourenço de Gusmão

February 28, 2024

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

Bartolomeu Lourenço de Gusmão, Brazilian/Portuguese cleric and inventor (Santos, São Paulo State December 1865 – Toledo, Spain 18 November 1724)

Worked as cryptographer

INVENTIONS

Hot-air balloon (Passarola) considered as the first operational aerostat (1709) much years earlier than Montgolfier Brothers

Lens system to sunburn meat (1713)

Sucking-pressing pump (1705)

Pumping system to drain water from ship's hold (1707)

Machinery for rational exploration of peat-bogs

A mill faster than others existing until then

Improvements in output of hydraulic mills and sugar engines (1724)

Artificial earth coal (1721)

Paddle-wheel adjustable to single boats (before Kullo)

Patented a hydraulic engine (1724)

It is said that he held 9 inventions, but 8 are in imprecise documentation.

Baruj Benacerraf

February 26, 2024

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

Baruj Benacerraf, Venezuelan-born US immunologist (Caracas 29 October 1920 – Boston, Massachusetts 02 August 2011)

Son of Sephardic Jews that came from North Africa

His wife Annette Dreyfus was niece of Nobel Laureate Jacques Monod

ACHIEVEMENTS

Discovered genes that regulate immune responses and traced it to a region of the major histocompatibility complex (MHC) in 1969

Studied the chemistry of suppressor T lymphocytes leading to understand the possibility to control autoimmune diseases

With B. Levine showed that immune response was due to the presence of a gene (Ir gene)

With G. Biozzi developed mathematical equations that describe the amount of foreign material that can be removed by phagocytes of liver and spleen

With Z. Ovary, K. Bloch & F. Kourilsky established unequivocally that different classes or subclasses of immunoglobulins mediated distinct functions

With A. Berken established the existence of receptors on phagocytic cells for the Fc portion of antibody

With Z. Ovary discovered bridging effect

Developed a technique for assessment of the phagocytic activity of the macrophage system.

With G. Biozzi and B.N. Halpern. Quantitative study of the granulopexic activity of the reticulo-endothelial system. II. A study of the kinetics of the RES in relation to the dose of carbon injected; relationship between the weight of the organs and their activity. *Brit.J.Exp.Pathol.* 34:441-57, 1953.

Developed carbon clearance test

With G. Biozzi, C. Stiffel and B.N. Halpern. Etude quantitative de l'activité granulopexique du SRE chez la souris. *C.R. Seances Soc. Biol. Fil.* 148:431, 1954.

HONORS

Medicine and Physiology Nobel Prize (1980)

Basil Schonland

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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

Unravellled 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. 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](#) 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

Beatriz Lydia Coira

February 26, 2024

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Beatriz Lydia Luisa Coira, Argentine petrologist (1941–

SOME BIBLIOGRAPHY

With E.O. Zappettini, J. Santos, C.E. Cisterna, E.A. Belousova. Combined U–pb and Lu–Hf isotope study from the Las Lozas volcanic, northwestern Argentina: Evidence of juvenile Cryogenian-derived, lower Pennsylvanian volcanism in western Gondwana. *J. South Amer. Earth Sciences* 59:13–8, 2015

With P. Mulcahy, C. Chen, S.M. Kay, L.D. Brown, B.L. Isacks, E. sandvol. B. Heit & X. Yuan. Central Andean mantle and crustal seismicity beneath the Southern Puna plateau and the northern margin of the Chilean–Pampean flat slab. *Tectonics* 33:1636–58, 2014

With S.M. Kay, P.J. Caffè & C.H. Chen. Regional chemical diversity, crustal and mantle sources and evolution of Central Andean Puna Plateau ignimbrites. *J. Volcan. Geoth. Res.* 198:81–111, 2010

With M. Koukharsky, S. Ribeiro Guevara & C.E. Cisterna. Puna (Argentina) and northern Chile Ordovician Basic magmatism: a contribution to the tectonic setting. *J.S. Am. Earth Sci.* 27:24–35, 2009

With S.M. Kay, V.A. Ramos & W.R. Dickinson. Shallowing and steepening subduction zones, continental lithospheric loss, magmatism, and crystal flow under the Central Andean Altiplano–Puna plateau. *Mem. Geol. Soc. America* 204:229–60, 2009

With P.J. Caffè, M.M. Soler, A.T. Onoé & U.G. Cordani. The Granada ignimbrite: A compound pyroclastic unit, and its relationship with Upper Miocene caldera volcanism in the Northern Puna. *J. South Am. Earth Sci.* 25(4):482, 2008

With P.J. Caffè, M.M. Soler, A.P. Cabrera & P.I. Flores. Estratigrafía y centros eruptivos de la región de Pairique, Puna Jujena. *Rev. Asoc. Geol. Argent.* 62(2):242–56, 2007

With M.M. Soler, P.J. Caffè, A.T. Onoé & S.M. Kay. Geology of the Vilama caldera: correlations and a new interpretation of a large scale explosive event in the Central Andean plateau during the Upper Miocene. *J. Volcan. Geoth. Res.* 164:27–53, 2007

With P.J. Caffè, R.B. Trumbull & R.I. Romer. Petrogenesis of early Neogene magmatism in the Northern Puna: Implications for magma genesis and crustal processes in the Central Andean plateau. *J. Petrol.* 43:907–42, 2002

With P.J. Caffè. Complejos de domos volcánicos del Mioceno medio de Puna Norte. Un modelo geológico y metalogenético para yacimientos epitermales de metales de base ricos en Ag(Sn). *Recursos Miner. Rep. Argén.* 35:1569–78, 1999

With M.H. Orth & M.M. Mazzoni. Generation of a crust–mantle mixture: magma sources and contamination at Cerro Panizos, Central Andes. *Contrib. Mineral. Petrol.* 123:308–22, 1996

With M.K. de Brodtkorb. Polymetallic mineralization associated with Cenozoic volcanism in the Northern Puna, Argentina. *PACRIM’95*:135–40, 1995

With T.T. Cladouhos, R. Allmendinger & E. Farrar. Late Cenozoic deformation in the Central Andes: fault kinematics from the Northern Puna, Northwestern Argentina and southwestern Bolivia. *J.S. Am. Earth Sci.* 7(2):209–28, 1994

Metallogenic events in the framework of magmatic tectonic evolution of the Northern Puna of Argentina during the late Cenozoic. *Com. Univ. Chile* 45:67–76, 1994

With S.M. Kay. Implications of Quaternary volcanism at Cerro Tuzgle for crustal and mantle evolution of the Puna Plateau, Central Andes, Argentina. *Contr. Mineral. Petrol.* 113:40–58, 1993

With S.M. Kay & J. Viramonte. Upper Cenozoic magmatic evolution of the Argentine Puna – a model for changing subduction geometry. *Intern. Geol. Review* 35:677–720, 1993

With M.H. Orth, M.M. Mazzoni, R.V. Fisher & J.C. Merodio. Centro emisor volcánico Cerro Panizos, Jujuy. *Rev. Asoc. Geol. Argentina* 44:291–300, 1989

With F. Nullo. Pyroclastic facies of the Ordovician volcanism, Arenigian–Llanvirnian, Salina de Jama, Jujuy. *Rev. Asoc. Geol. Arg.* 44:89–95, 1989

With S.M. Kay. Cerro Tuzgle – Quaternary Andean volcanism in the eastern Puna–Altiplano plateau, Argentina. *IAVCEI Bull. N.M.Bur. Mines Miner. Resour.* 131:131–5, 1989

With M.H. Orth & M.M. Mazzoni. Eruptive behavior, vent locations and caldera development of Cerro Panizos, Central Andes. *Continental Magmatism Abstracts. Bull. Bureau Mines Miner. Resour.* 131 (1989)

With J. Davidson, C. Mpodozis & V. Ramos. Tectonic and magmatic evolution of the Andes of Northern Argentina and Chile. *Earth Sci. Rev.* 18:303–32, 1982

With N.E. Pezzutti. Vulcanismo Cenozoico en el ámbito de Puna Catamarqueña. *Rev. Asoc. Geol. Argent.* 31(1):33–52, 1976

With F. Nullo, C. Proserpio & V.A. Ramos. Tectónica de basamento de la región occidental del Macizo Nordpatagónico (Prov. de Río Negro y Chubut), República Argentina. *Rev. Asoc. Geol. Arg.* 30(4):361–83, 1975

Resultados preliminares sobre la petrología del ciclo eruptivo ordovicico concomitante con la sedimentación de la Formación Aaeike en la zona de Abra Pampa, Prov. Jujuy. Rev. Asoc. Geol. Arg. 28(1):85-8, 1973

With M.L. Koukharsky. Geología y petrología de la Sierra Brava, Provincia de La Rioja (Republica Argentina). Rev. Asoc. Geol. Arg. 25(4):444-66, 1970

HONORS

Coiraité Paar, Moelo, Mozgova, Organova, Stanley, Roberts, Culetto, Effenberger, Topa, Putz, Sureda & Brodtkorb 2005 (Mineral)

Belindo Adolfo Torres

June 30, 2024

[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](#) 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

Chaguesia 1944

Heliella 1945

Melloleitania 1943

Mitopernoides 1944

Oliverius 1945

Pseudogynedesoides 1944

Rezendesius 1945

Schubartesia 1944

Ubatubesia 1944

Victoriaincola 1946

With Helia 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

Chirabirculigera 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

Abiliella 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

Eopachyloides 1970

Eugyndopsiella 1972

Guatubesia 1978

Huralvioides 1970

Izecksohnopilio 1977

Jim 1979

Paramicrocranaus 1970

Pararezendesius 1972

Paruleptes 1970

Pirassunungoleptes 1966

Pseudoacrographinotus 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](https://neglectedscience.com/category/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/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 See http://www.cnpt.embrapa.br/pesquisa/agromet/pdf/trigo_rumo/trigo_no_brasil.pdf.

Benigno Varela Fuentes

August 25, 2024

[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 bilirubina indirecta del suero icterico: la bilirubina 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 bilirubins in the blood

With P. Recarte. Nouvelle technique simplifiée pour le dosage separé des 2 bilirubins, directe et indirecte, des sérums icteriques. 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 icteres. 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 radiologico 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. Digeest. 49:942-50, 1959

With J. Varela López & G. Martínez Prado. La contribución del laboratorio al diagnostico de la colecistitis cronica 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 icteriques. Comp. Rend. Soc. Biol. 168:1014-6, 1931

With E. Apolo y Bachilier. Sobre una nueva modificación sanguinea habitual em 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

Calyptothecium distichophyllum 1984 with Noguchi

Calyptothecium 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 meizhiae 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 redfearni 1995 with Lin

Hyophila acutipocsii 1993 with Iwatsuki

Hypnum mittenohamatum 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

Tricholosteuum fleischeri 2004 with Ho & Seah

Tricholosteuum 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

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 Berisso

February 26, 2024

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

Benjamín Berisso, Argentine microchemist and pharmacist (Santa Fé 31 March 1897 – Rosario 1979)

ACHIEVEMENTS/BIBLIOGRAPHY

Described slide tests for alkaloids

Described a new microchemical reaction for urotropine in Sobre una nueva reacción microquímica de la urotropina. Publ. Inst. Inves. Microquim. Arg. 18(19), 1954

Proposed a new reagent (sodium iodide + piperazine) to study lead and gold (1956)

Described Berisso reaction

Modified Deniges method for hydrocyanic acid

With A. Martini. Microchemical detection of hydrocyanic acid in forensic investigations. Mikrochemie 26:241-4, 1939.

Cloridrato de cocaína como reactivo microquímico do cationio ouro. Rev. Col. Farm. Nac. Argentina 1:3, 1945

Sobre una nueva reacción específica y diferencial de la narceína e narcotina. Rev. Col. Farm. Nac. Argentina 1:35, 1945

Estudio de nuevos complejos microcristalinos (1948)

With R.M. Aquino. Sobre una nueva reacción microquímica del agua oxigenada. Publ. Inst. Invest. Microquim. 14:119, 1950.

Sobre una nueva reacción microquímica que sirve para caracterizar y diferenciar mediante técnicas microanalíticas adecuadas mercurio, iridio, indio, platino y oro. Acta Microchimica 44(4/6):812-21, 1956.

Sobre nuevas reacciones microquímicas de La piperacina y del licetol y su aplicación microanalíticas. Microchimica Acta 45(3/4):296-305, 1957.

A microchemical reaction for detecting and differentiating pyridine, quinoline and acridine. Publ. Inst. Invest. Microquim.

Sobre una nueva reacción microquímica de la hioscina y de la atropina

Benjamin David Cabrera

February 26, 2024

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

Benjamin David Cabrera, Philippine parasitologist (Tarlac 18 March 1920 – 07 August 2001)

Authored over 100 scientific works concerning medical parasitology and public health

Elucidated the epidemiology and life cycles of filarial parasites

Proposed a model to control ascariasis

Developed innovations in drug treatments against parasitic diseases

Benjamín Galíndez

February 29, 2024

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

Benjamín Galíndez Cabanillas, Argentine gynecologist and composer (San Roque, Punilla Department, Cordoba Province 13 October 1880 – Cordoba 22 December 1972)

Created a method of uterine ligamentopexy (1927)

Nueva aplicación del forceps Tarnier (A New application of Tarnier forceps) 1911

A new model of intrauterine splint

Wrote a number of musical works

Benjamin Gilbert

February 28, 2024

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

Benjamin Gilbert, English-born Brazilian organic chemist (Felixstowe, Suffolk 27 September 1929–

Authored nearly 200 scientific publications mainly about Brazilian natural products and control of vectors in endemic diseases

Isolated and elucidated structures of a number of indolic alkaloids in Apocynaceae plants

Phytochemistry & Parasitology

Identified with W.B. Mors and J. Pellegrino, 14, 15-epoxi-geranylgeraniol, from fruit oil of *Pterodon pubescens*, that prevents the schistosomal cercariae penetration in host skin (1967)

With H. Moussatché, H. Lent & M. Kitagawa. Insect juvenile hormone-like activity in a diterpene. Rev. Bras. Biol. 30(1):55-60, 1970

With J. Pellegrino & 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 J. Pellegrino, J.P. Souza, C.C. Fortes, D. Santos Filho, A.P. de Seabra & M. Kitagawa. Chemo prophylactic agentes in schistosomiasis. I. Active and inactive terpenes. J. Parasitol. 56:397, 1970

With W. Vichnewski. Schistosomicidal sesquiterpenes lactone from *Eremanthus elasagnus*. Phytochem. 11:2563-6, 1972

With P.M. Baker, C.C. Fortes, E.G. Fortes, G. Gazzinelli, J.N.C. Lopes, J. Pellegrino, 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 W.B. Mors, P.M. Baker, T.C.B. Tomassini, J. Pellegrino, N. Katz et al. A atividade anti-helmintica dos oleos essenciais e de seus components químicos. Anais Acad. Bras. Ciencias 44:423-8, 1972

With D. Santos Filho, W. Vichnewski & P.M. Baker. Prophylaxis of schistosomiasis. Diterpenes from *Pterodon pubescens* Benth. Anais Acad. Bras. Ciencias 44(1):45-9, 1972

With J.P. de Souza, M. Fascio, A.P. de Seabra & J. Pellegrino. Esquistossomose: proteção contra infecção por terpenóides. Anais Acad. Bras. Ciencias 42:397-400, 1970 (Suppl)

With N. Nunes da Rocha, R. Borojevic & J. Pellegrino. *Schistosoma mansoni* in vitro transformation of cercarial into schistosomules. Parasitology 64:333, 1972

With E.G. Goulart, J.C. Holanda, J.A.R. Costa et al. Inibição da evolução externa de *Strongyloides stercoralis* e ancilostomídeos por produtos naturais. Rev. Bras. Med. 29(1), 1972

With D. dos Santos Filho, J.L.C. Lopes, S.J. Sarti, W. Vichnewski et al. Atividade anti helmintica de óleos essenciais (1973)

Natural product derivatives in tropical insect and parasite control (1977)

With A.V. Pinto, M.C.R. Pinto, J. Pellegrino & 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

NATURAL PRODUCTS

With J.P. Kutney & W.D.C. Warnock first to report the natural occurrence of glycoside pinocembrin-7-β-neohesperidoside (1970)

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With M.C. Nascimento & W.B. Mors. Um novo grupo de heterociclos oxigenados de *Derris araripensis* Ducke. Cien. Cult. 24(6):129-30, 1972

With C.C. Fortes, M. Nunes da Rosa & A.P. Seabra. Investigação química da saúva *Atta sexdens rubropilosa*. Arq. Museu Nac. 54:281, 1971

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With L.D. Antonaccio, J.C. Braekman, C. Hootele, C. Van Moorlegheem, M. Kaiser & J. Pecher. Indole alkaloids. XVII. Five dihydroindole alkaloids from *Aspidosperma verbascifolium*. Bull. Soc. Chim. (1969)

With B. Tursch, I.S. Guimarães, R. Aplin, A.M. Duffield & C. Djerassi. Chemical studies of marine invertebrates. II. Terpenoids. LVIII. Griseogenin, a new triterpenoid sapogenin of the sea cucumber *Haloderma grisea* L. Tetrahedron 23:761-7, 1967

With J.M. Ferreira Filho, M. Kitagawa, L.A.Paes Leme & L.J. Durham. Four heptacyclic alkaloids from *Aspidosperma* species. J. Chem. Org. Soc. 14:1260-6, 1966

With J.A. Joule, M. Ohashi & C. Djerassi. Alkaloid studies. 53. Structures of 9 new alkaloids from *Aspidosperma dasycarpon* DC. Tetrahedron 21(7):1717, 1965

With A.P. Duarte, Y. Nakagawa, J.A. Joule, K.s. Brown Jr., C. Djerassi et al. Alkaloid studies. L. The alkaloids of twelve *Aspidosperma* species. Tetrahedron 21(5):1141-66, 1965

With J.A. Joule, H.J. Monteiro, L.J. Durham & C. Djerassi. Alkaloid studies. 48. Structure of apparicine, a novel *Aspidosperma* alkaloid. J. Chem. Soc. p. 4773, 1965

With M. Ohashi, J.A. Joule & C. Djerassi. The structures of five new *Aspidosperma* alkaloids related to uleine. Experientia 20(7):363-4, 1964

With M.E.A. Gilbert, M.M. Oliveira, O. Ribeiro, A. Wenkert, B. Wickberg, U. Hollstein & H. Rapaport. The aporphine and isoquinolinedione alkaloid of *Ocotea glaziovii*. J. Amer. Chem. Soc. 86:684, 1964

With B. Tursch, E. Tursch, I.T. Harrison, G.B.C.T. C. B. Silva, H.J. Monteiro, W.B. Mors & C. Djerassi. Terpenoids. LIII. Demonstration of a ring conformational changes in triterpenes of the β -amyrin class isolated from *Stryphnodendron coriaceum*. J. Org. Chem. 28(9), 1963 (obtained a series of novel triterpenoids sapogenins)

With C. Djerassi, Y. Nakagawa, J.M. Wilson, H. Budzikiewicz & L.D. Antonaccio. The structure of the *Aspidosperma* alkaloid compactinervine. Cell. Molec. Life Sciences 19(9):467-9, 1963

With J. Aguayo, F. Neville, W.I. Taylor, H. Budzikiewicz, J.M. Wilson & C. Djerassi. Mass spectrometry in structural and stereochemical problems. XX. Carapanaubine, a new alkaloid from *Aspidosperma carapanaua* and some observations on mass spectra of oxindole alkaloids. J. Am. Chem. Soc. 85(10):1523-8, 1963

With L.D. Antonaccio, N.A. Pereira, H. Vorbuegger, H. Budzikiewicz, J.M. Wilson, L.J. Durham & C. Djerassi. Alkaloid studies. XXXIII. Mass spectrometry in structural and stereochemical problems. VI. Polyneuridine, a new alkaloid from *Aspidosperma polyneuron*, and some observations on mass spectra of indole alkaloids. J. Am. Chem. Soc. 84(24):5001, 1962

With J. Aguayo Brissolense, J.M. Wilson, H. Budzikiewicz, L.J. Durham & C. Djerassi. The alkaloids of *Aspidosperma limae* Woodson: aspidolimidine, aspidolimine, demethoxypalosine and aspidocarpine. Chem. Ind. p.1949-50, 1962

With C. Djerassi, L.D. Antonaccio, T. George & A.A. P. Archer. Alkaloid studies. 30. Isolation and constitution of 3 new *Aspidosperma* alkaloids cylindrocarpine, cylindrocarpidine and pyrifolidine. Tetrahedron 16(1-4):212, 1961

With L.B. Antonaccio, A.A. Archer & C. Djerassi. Alkaloid studies. XXIII. Isolation of four new *Aspidosperma* cylindrocarpin, refractine, pyrifoline and pyrifolidine alkaloids. Experientia 16:61-2, 1960

PATENTS

With J.F.G. Pereira, I.V. Silva Jr., A. Svaiter, A.M. Oliveira Filho, C.E. dos Santos, J.B. Machado & D.F. Teixeira. Device to prevent the action of mosquitoes and other hematophagous insects (1998)

With J.F.G. Pereira, I.V. Silva Jr., A. Svaiter, A.M. Oliveira Filho, C.E. dos Santos, J.B. Machado & D.F. Teixeira. Process for obtaining an andiroba based formulation and the use of extract of andiroba husks for prevent the action of mosquitoes and other insects (2001)

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](#) 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)

Benjamin Vinelli Baptista

February 26, 2024

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

Benjamin Vinelli Baptista, Brazilian anatomist (Rio de Janeiro 12 January 1901 – 21 October 1983)

BIBLIOGRAPHY

Estudo comparado da circulação cerebral nos mamíferos domésticos e no homem. Razão de ser da rede admirável. Doctorate Thesis. Faculdade de Medicina do rio de Janeiro, 1922.

Do Nervo grande hipoglosso. Thesis, Rio de Janeiro, 1925.

Caso raríssimo de aplasia bilateral da clavícula. Boletim Museu Nacional Rio de Janeiro. 44:73-75, 2 Abb, 1928.

Des valvules sigmoïdes aortiques. Assoc. Anat. Comptes Rendus 26: 42-46, 1931.

Musculus Sternalis. Rev. Univ. do Rio de Janeiro, série 1:1, 1932.

Variété anatomique du sternum. Arquivo de Anatomia e Antropologia (Lisbon). 14: 629-633, 1933.

Contribution a l'étude des anomalies Du coeur. Un cas de vraie transposition dês arteres de La base Du coeur. Ann. D'anat.path. 10:1212, 1933.

A propôs d' um cas d'ectopie renale congénitale. Soc. Anat. Paris. Ann d'Anat. Path. 10(3):334, 1933.

Calcul de l'urethre. Archivos de Pediatría T V1(67): 695-696, 1934.

O nervo vago no feto humano. Arquivos Inst, Benjamin Baptista. 2:115-124, 1936.

Investigações anatômicas sobre o nervo vago em alguns mamíferos. Arq. Inst. Benjamin Baptista 2(2): 1936.

Investigações anatômicas sobre o nervo vago nos vertebrados. Mem. Inst. Oswaldo Cruz 32(2): 1937.

Investigações anatômicas sobre os Bradypodidas: o Orthosympatico no Bradypus tridactylus. Mem. Inst. Oswaldo Cruz 32(4): 1937. (with Murillo Fontes).

Quelques recherches sur les sujets Brasiiliens. Folia Morphologica 8:99-104, 1937-8.

Contribuição ao estudo dos hipotremados. Arqu. Inst. Benjamin Baptista 5:333-353, 9 Abb, 1939.

Nervus terminalis no homem. Arq. Inst. Benj. Bapt. 6:209, 1940.

Angiospasma Cerebral- novo capítulo da cirurgia de emergência. Revista Médica Brasileira (Separate), 1940.

Duplicidade do nervo mediano observada em um caso de secção traumática da região antebraquial anterior. Rev. Bras. Tuberculose, 1940. (with Vicencio de Rosso)

Emergency Surgery in Central Angiospasm. Abst. Arch. Neurol. Psychiat. 47:1055, 1942.

Anatomia Humana tomo I and II, 1943-1944.

Investigações anatômicas sobre o elemento acessório do complexo vagal. Archivos Inst. Benjamin Baptista 10: 1944.

Investigações anatômicas sobre os nervos cranianos ventrais em "vertebrata". Anais Acad. Bras. Ciências 16: 79-110, 1944.

Formações pseudo-ganglionares em nervo craniano motor. Rev. Bras. Cir. 14:267-70, 1945

Fratura do esterno com afundamento. Intervenção e cura. Brasil Médico-Cirúrgico XV(1): 1948. (Separate).

Musculus plantaris in Brazilian Negroes. 1972 (with J. Pereira Ramalho)

Anthropometric researches on Brazilian Indians. Proceedings Tenth International Congresso f Anatomists and Eightieth Annual Meeting of Japanese Association of Anatomists, Tokyo. P. 60-61, 1975 (with J. Pereira Ramalho e R.K. Papais)

Variação osteogênica do neurocrânio

Da pleura dos mamíferos domésticos

EPONYMY

Vinelli Baptista foramen (xiphoid foramen)

His father, João Benjamin Ferreira Baptista, surgeon and anatomist (Niterói, Rio de Janeiro State 07 Jul 1869 – Rio de Janeiro 26 Nov 1934)

Developed new dissection techniques

With Aloysio de Castro e Schilde concluded the constancy of pituitary duct in Felidae

SOME BIBLIOGRAPHY

Cura radical da hernia inguinal (1895)

Anatomia rara do nervo músculo cutâneo (1898)

Anomalias supra-aorticas. 3º Reun. Congr. Cient. Lat Am. (1905)

Contribuição ao estudo anatomo-aplicado do apêndice íleo-cecal (1907)

Estudo da topografia cardio-torácica (1907)

Contribuição ao estudo das anomalias renais (1909)

Das anastomoses normais do sistema venoso porta e cava (1909)

Contribuição a estudo das anomalias dos ureteres (1917)

Contribuição ao estudo da loja esplênica (1918)

Da loja renal do ponto de vista anatomo aplicado (1918)

Contribuição ao estudo do rim único (1919)

Persistência da veia cava superior esquerda. Duplicidade da veia cava inferior (1920)

Da anomalia de origem da artéria poplítea (1921)

Dos ossos inter-parietal e pactal (1922)

With E. Roquette Pinto & A. Schild. Contribution à l' anatomie comparée dès races humaines. Dissection d'une indienne du Bresil. Archivos do Museu Nacional. 26: 7-25, 1926.

HONOURS/OFFICES

Praised by many compliments at Europe (1930-1)

Founder, Committee Internationale de Recherches sur les parties molles

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)

Beppo Levi

March 6, 2024

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

Beppo Levi, Jewish Italian/Argentine mathematician (Torino 14 May 1875 – Rosario, Santa Fe Province 28 August 1961)

ACHIEVEMENTS

Published more than 150 mathematical papers

Proved monotone convergence theorem or Beppo Levi theorem (1906)

Introduced the concept of functions classes

Anticipated Ogg-Mazur conjecture by more than 60 years (1908)

Discovered that angular points number of a continuous function is numerable

Proved Picard-Simart theorem

Invented a mathematical version of Berry antinomy

First to investigate the structure of torsion group

EPONYMY

Beppo Levi lemma (1906)

Beppo Levi inequality (1906)

Beppo Levi spaces (integrable squares spaces)

Beppo Levi functions

Beppo Levi boundary condition

Beppo Levi semi-norm

Beppo Levi norm

Beppo Levi property

Beppo Levi approximation principle

Bernard De Winter

February 27, 2024

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

Bernard De Winter, South African botanist (Pretoria 31 July 1924 – Pretoria 08 May 2017)

DESCRIBED PLANTA TAXA

Genera

Diandrochloa 1960

Digitariella 1961

Kaokochloa 1961

Polevansia 1966

Sartidia 1963

Styppeiochloa 1966

Species

Citrullus rehmanii 1990

Digitariella remotigluma 1961

Diospyros austroafricana 1961

Diospyros glandulifera 1961

Eragrostis acrae 1961

Eragrostis aristata 1961

Eragrostis comptonii 1990

Eragrostis glandulosipedata 1961

Eragrostis kingesii 1961

Eragrostis lamprospicula 1961

Eragrostis moggii 1966

Eragrostis omahekensis 1961

Eragrostis pygmaea 1969

Eragrostis remotiflora 1961

Eragrostis stapfii 1955

Kaokochloa nigrirostris 1961

Polevansia rigida 1966

Rogeria petrophila 1961

Royena acocksii 1958

Stipagrostis anomala 1958

Stipagrostis namibensis 1964

Stipagrostis pellytronis 1990

Stipagrostis ramulosa 1964

Stipagrostis seelyae 1990

HONORS

Dewinteria Van Jaarsveld & Van Wyk 2007 (Pedaliaceae)

Bernardino Mateu Amengual

April 3, 2024

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

Bernardino Mateu Amengual, Argentine plant chemist (fl.1948-94)

With P. Legname & P. Seeligmann. Bases morfológicas y químicas permiten justificar el reconocimiento de variedades de *Acacia aroma* Gill ap. H et A (Leguminosae). Lilloa 35(2):112, 1979

Un metodo simple y rapido para identificar cobalto separado por cromatografia de papel (1974)

With J.M. Rodríguez Vaquero. Aislamiento de un nuevo alcaloide de *Scoparia dulcis* L. (nota preliminar). Arch. Farm. Bioquim. Tucumán 7:1, 1955

With F.H. Naim Kent. Identification and separation of minute quantities of alkaloids by microphotography on paper. Arch. Farm. Bioquim. Tucumán 4:333-43, 1950

Bernardo Alberto Houssay

February 29, 2024

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

Bernardo Alberto Justino Houssay, Argentine physiologist (Buenos Aires 10 April 1887 – Buenos Aires 21 September 1971)

Son of French immigrants

ACHIEVEMENTS

Authored over 500 papers and several books

With A. B. Biasotti discovered that pituitary anterior lobe played an important role in carbohydrates metabolism in blood stream and that it was possible to control the metabolism by equilibrium of distinct hormones (1929)

Discovered sugar oxidation in blood depends on a complex interaction between insulin and other hormones such as prolactin and somatotropin

Demonstrated pancreas graft between carotid and jugular veins in dogs regulated the glycemia

Proved pituitary diabetogenic effect depends on liver

Determined that the cortex of the adrenal gland is indispensable to life (1923)

With J.T. Lewis. The relative importance to life of cortex and medulla of the adrenal glands. *Am. J. Physiol.* 64:512-21, 1923

First employed the meal-feeding scheme

With D. Martínez. Experimental diabetes and diet. *Science* 105:548-9, 1947

Noted the existence of a diabetogenic principle derived from pars distalis acting through adrenal glands (1930)

With A. Biasotti & C.T. Rietti first observed metahypophysary diabetes and distinguished it from hypophysary diabetes (1932)

With Juan C. Fasciolo demonstrated hypertension is due to a pressor action substance (renin) in ischemic kidneys (1937-8)

With C. Galli-Mainini discovered that pregnant women urine caused spermatozoa release in male frog

With Giusti and Gonzalez demonstrated anterior lobe effect on spawning in female frogs and toad (1929)

First to use pituitary implants in fishes (1931)

Performed important studies about snakes and spiders toxin developing a protecting serum against certain spiders toxins

Authored *Human Physiology* (1945) translated into English, French, Italian and Portuguese

Papers in top journals

With O. Orías & I. Sara. The mechanism of action of alloxan on blood sugar. *Science* 102(2643):197, 1945

With C. Martínez. Experimental diabetes and diet. *Science* 2734(:548-9, 1947

With C. Martínez. Alloxan diabetes in dogs with renal pedicles clamped. *Nature* 162(4119):571, 1948

With E.B. Menendez, J.C. Fasciolo, L.F. Leloir, J.M. Muñoz & A.C. Taquini. Angiotonin or hypertensin. *Science* 98(2553):495, 1953

EPONYMY

Houssay phenomenon (1930)

Houssay dogs or animal

Houssay syndrome

Giusti-Houssay hypohysectomy (1924)

Houssay-Gerschman technique for liver perfusion (1947)

Genus *Houssayanthus* Hunziker 1978 (Sapindaceae)

Genus *Houssayella* Bonetto & Ezcurra de Drago 1966 (Fresh-water Porifera)

Houssay 2550 Asteroid

Houssay crater in Moon

HONORS

Physiology & Medicine Nobel Prize 1947

Dale Medal, London Society of Endocrinology 1960

Doctor Honoris Causa, Université de Paris 1935

Doctor Honoris Causa, Harvard University 1936

Doctor Honoris Causa, University of Oxford 1947

Doctor Honoris Causa, Columbia University 1954

Doctor Honoris Causa, University of Cambridge 1960

Bernardo Beiguelman

February 26, 2024

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

Bernardo Beiguelman, Jewish Brazilian human geneticist (Santos, São Paulo State 15 May 1932 – São Paulo 05 October 2010)

Authored 428 scientific works between papers, communications, books and book chapters.

ACHIEVEMENTS

Performed first studies in the world about resistance and hereditary susceptibility to leprosy

First to demonstrate that resistance and susceptibility to Virchowian Hanseniasis is genetically determined

Aspectos geneticos da resistência a lepra (1965)

Demonstrated that the lepromin reaction has a familial pattern

Hereditariedade da reação de Mitsuda. Rev. Bras. Leprol. 30(4):153-72, 1962

Described recessive juvenile glaucoma

With Durval Prado. Recessive juvenile glaucoma. J. Genet. Hum. 12:53-54, 1963.

METHODS AND OTHERS

With M.F. Feitosa, F.P. Alves, M.M.F. Moura, V. Engracia, R.C. Pagotto, L.H.P. Silva, E.P. Camargo & H. Krieger. A major genetic mechanism involved in resistance to malaria in western Amazonia. Intern. J. Hum. Genet. 2(2):77-80, 2002

With W. Pinto Jr. Ficha clínica para recém-nascidos com alguma alteração da morfogênese: uma proposta. Braz. J. Genetics 3:819-26, 1991

Um método simples para o estudo da mistura racial no Brasil. Cien. Cult 32 (Suppl):745, 1980

With A.F.N. Magalhães, W. Pinto Jr. A.S. Pereira & R.A. Pereira Filho. Simplificação da prova de respiração calórica para o diagnóstico da síndrome de Gilbert. Arq. Gastroent. 15:73-8, 1978

With W. Pinto Jr. A new approach to dermatoglyphic studies. Rev. Bras. Pesq. Med. Biol. 4:305-9, 1971

Uma teoria genética para explicar as diferentes formas clinicas da lepra. Cien. Cult. 21:228, 1969

Devised an in vitro test for studies of macrophages in relation to *Mycobacterium leprae* (1966)

LINKS/CURRICULUM

[WWW.abc.org.br/~beiguel](http://www.abc.org.br/~beiguel) See <http://www.abc.org.br/~beiguel>. (Portuguese)

[HTTP://desvirtual.com/bbeiguel/curriculum.htm](http://desvirtual.com/bbeiguel/curriculum.htm) See <http://desvirtual.com/bbeiguel/curriculum.htm>. (Portuguese)

Bernardo Leo Wajchenberg

June 30, 2024

[Bibliography](https://neglectedscience.com/category/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, galactorrhea 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: techniques 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 glyconeogeneolysis in man. *Metab. Clin. Exp.* 10:585, 1961

With I. Martirani, G. Hoxter, A.B. Ulhoa Cintra & I. Marian. Determination of polyssacharide hexoses and hexosamines in normal human sera. *J. Lab. Clin. Med.* 54:773-8, 1959

HONOURS

Distinguished Physician Award, Endocrine Society (2007)

Bernardo Liberman

March 6, 2024

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

Bernardo Liberman, Jewish Brazilian endocrinologist (193? –

With B. Wajchenberg, E.R. Quintão & A.B. U. Cintra. Antagonism between adrenal steroids and parathyroid hormone. *J. Clin. Endocrin. Metab.* 25(12):1677-81, 1965

DESCRIBED NEW SYNDROMES & GENETIC MUTATIONS CAUSING DISEASES

With R.A. Toledo, D.M. Lourenço Jr, F.L. Coutinho, S.P.A. Toledo, M.C.C. Machado et al. Novel MEN 1 germline mutations in Brazilian families with multiple endocrine neoplasia Type I. *Clin. Endocr.* 67(3):377-84, 2007

With J.L. Rocha, A. Moreira, F. Friedman, B.C. Silva & L. Marco. A novel polymorphism in the coding region of the vasopressin type 2 receptor gene. *Braz. J. Med. Biol. Res.* 30(4):443-5, 1997

With G. Medeiros Neto, C. Nogueira & C.K. Leite. Familial panhypopituitarism in a consanguineous family in Brazil: a novel type of genetic defect (1996)

With M. Pinheiro, N. Freire-Maia, E. Chautard-Freire-Maia & L. Araujo AREDYLD: a syndrome combining an acrorenal field defect, ectodermal dysplasia, lipoatrophic diabetes, and other manifestations. *Am J Med Genet.* 16 (1): 29-33, 1983

With F.J. Modesto, C. Ventrella, S.D. Giannini, B.L. Wajchenberg & 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

Bernardo Ochoa

April 9, 2024

[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)

Bernhard Dawson

February 27, 2024

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

Bernhard Hildebrandt Dawson, US-born Argentine astronomer (Kansas City, Missouri State 21 September 1890 – 18 June 1960)

Discovered Nova Puppis star or Dawson star (1942)

Identified a nebula surrounding a variable star (1928)

Two new variables. Astron. J. 30 (706):84, 1917

Forty-seven new double stars. Astron. J. 35(834):1478, 1924

METHODS

An improved slide rule for the addition of squares. Science 104 (2688):18, 1946

A simple procedure for photographing eclipses. Pop. Astron. 41:292, 1933

A new method for calculation of binary stars orbits

Un metodo abreviado de compensación (1948)

Una simplificación en la determinación del tiempo y latitud

HONORS

D.B. Pickering Nova Medal, American Association of Variable Stars Observers

Dawson lunar crater

Asteroid 1829 Dawson

Bernhard Gross

February 29, 2024

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

Bernhard Gross, German-born Brazilian physicist (Stuttgart 22 November 1905 – São Carlos, São Paulo State 01 February 2002)

ACHIEVEMENTS

Authored over 200 papers

Published important studies on viscoelasticity and rheology that attained international repercussion such as Gross model of viscoelasticity and a book that became a classical Mathematical Structure of theories of Viscoelasticity (1953)

Noticed that the formalism of dielectric and viscoelastic relaxations are identical

Performed first systematic studies on thermo-electrets

Formulated theory of two-charge of electrets

With L. Ferreira-Denard discovered the “freezing” of electrical charges in dielectrics

With L.F. Denard. Efeitos de temperatura em condensadores carregados. Anais Acad. Bras. Ciencias (1943)

With L.F. Denard. On permanente charges in solid dielectrics. I. Dielectric absorption temperature effects in carnauba wax. Physical Reviews 67:253, 1945

Developed first Gross transform which relates the absorption of isotropic and unidirectional beams of radiation

Zur absorption der Ultrastrahlung , Zeit. Physik 83:214-21, 1933.

Developed second Gross transform used for description of the mechanical behavior of elastic materials

With Lela Lacerda derived a new integral transform in rheology (c.1947)

Developed the removable condenser method that permits know quantitative state of surface electrical charges and their evolution within time

Derived formula that relates deformation delay and force relaxation functions

Discovered important charge storage effects in glasses and polymers.

Performed first systematical studies on thermal stimulated currents

Introduced a thermally stimulated current technique to investigate the charge and polarization storage in ice

Performed the first quantitative studies on charge dynamics

With P.S. Toledo developed methods for computing thermodielectric constant and time of system constant

Developed general theory of linear response in electronic circuits theory

Introduced the concept of Compton currents and proved their existence

First to report the existence of large particles in a fall out

With A. Arnon. Eine beobachtung uber die von kernbombenversuchen herrührende Radioaktivitat der Luft. Zeitschrift der Naturforsch. 12:944-5, 1957

With P.S. Rocha. Um novo método para medida das tensões de polarização (A new method for measurement of polarization tensions). Anais Acad. Bras. Ciencias 6(1), 1934

Uma nova aplicação do princípio de superposição na teoria dos dielétricos anômalos. Anais Acad. Bras. Ciencias 11(3):213-8, 1939

Sobre uma nova transformação integral. Anais Acad. Bras. Ciencias (1940)

With J. Costa Ribeiro. Sobre um novo método para a investigação experimental dos eletretos (1943)

Proposed and built the Compton dosimeter (patented in Brazil, United States & Germany)

Estabilizador de voltagem eletrônico para um gerador de corrente alternada. Anais Acad. Bras. Ciencias (1943)

Novo tipo de contador de Geiger-Muller Anais Acad. Bras. Ciencias (1948)

Developed a new type of Compton dosimeter for monitoring gamma rays (1958-9)

Bert Geoffrey Achong

February 25, 2024

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

Bertrand Geoffrey Achong, English pathologist and electron microscopist born in Trinidad & Tobago (Port of Spain, Trinidad 06 December 1928 – England 20 November 1996)

ACHIEVEMENTS

Discovered Epstein-Barr virus, the first human tumour virus

With M.A. Epstein & Y.M. Barr. Virus particles in cultured lymphoblasts from Burkitt's lymphoma. *The Lancet* 283(7335):702-3, 1964.

Discovered human foamy virus, the first retrovirus infecting man.

With P.W.A. Mansell, M.A. Epstein & P. Clifford. An unusual virus in cultures from a human nasopharyngeal carcinoma. *J. Natl.Cancer Inst.* 46:299-307, 1971.

Berta Gerschman de Pikelin

February 29, 2024

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

Berta Sofía Gerschman de Pikelin, Argentine arachnologist (Carlos Casares, Buenos Aires Province 26 June 1905 – 1977)

DESCRIBED ARACHNIDA TAXA (with Schiapelli)

Genera

Amaloxenops 1958

Bolostromoides 1945

Melloleitaoina 1960

Paracleocnemis 1942

Pycnothelopsis 1942

Simonida 1958

Xenoplectus 1958

Species

About 165

HONORS

Pikelinia Mello Leitão 1946 (Arachnida)

LINKS

<http://www.efn.uncor.edu/dep/divbioeco/DivAni1/aracnol/schiapelli.html>

Bertha Lutz

March 6, 2024

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

Bertha Maria Júlia Lutz, Brazilian herpetologist (São Paulo 02 August 1894 – Rio de Janeiro 19 September 1976)

Daughter of physician and naturalist Adolpho Lutz

DESCRIBED AMPHIBIA TAXA

Family

Eleutherodactylidae 1954

Subfamily

Eleutherodactylinae 1954

Genus

Paratelmatobius 1958 with Carvalho

Species

Aplastodiscus albosignatus 1938 with A. Lutz

Aplastodiscus musicus 1949

Aplastodiscus perviridis 1950

Bokermannohyla claresignata 1939 with A. Lutz

Cochranella ritae 1952

Crossodactylus grandis 1951

Dendropsophus meridianus 1954

Dendropsophus nahdereri 1963 with Bokermann

Gastrotheca albolineata 1939 with A. Lutz

Gastrotheca dunni 1977

Holoaden bradei 1958

Hypsiboas cipoensis 1968

Hypsiboas goianus 1968

Hypsiboas joaquinii 1968

Hypsiboas secedens 1963

Ischnocnema gualteri 1974

Ischnocnema hoehnei 1958

Ischnocnema venancioi 1958

Paratelmatobius lutzii 1958 with Carvalho

Paratelmatobius pictiventris 1958

Phyllomedusa ayeaye 1966

Phyllomedusa distincta 1950

Pristimantis carvalhoi 1952

Scinax alcatraz 1973

Scinax alter 1973

Scinax angrensis 1973

Scinax caldarum 1968

Scinax duartei 1951

Scinax flavoguttatus 1939 with A. Lutz

Scinax humilis 1954

Scinax longilineus 1968

Scinax obtriangulatus 1973

Scinax perpusillus 1939 with A. Lutz

Scinax trapicheiroi 1954 with A. Lutz

Scinax v-signatus 1968

Sphaenorhynchus orophilus 1938

Sphaenorhynchus planicola 1938

HONORS

Doctor Honoris Causa, Mills College, California, US

Genus *Berthasaura* de Souza, Soares, Weinschutz, Wilner, Lopes, Araújo & Kellner 2021 (Fossil Reptilia)

Bertoni family

February 26, 2024

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

Moisés Santiago Bertoni, Swiss-born Paraguayan naturalist (Lottigna, Ticino Canton 15 June 1857 – Foz do Iguaçu, Paraná State, Brazil 19 September 1929)

His original name was Mosé Giacomo Bertoni

Authored works on agronomy, botany, zoology, meteorology, ethnography and language of Guaraní people (nearly 540 publications)

ACHIEVEMENTS

Agriculture

Developed new agricultural methods

Nuevo metodo para el cultivo del banana: práctica del “rozado sin quemar” (1911)

Plant Pathology

Una nueva enfermedad del cafeto. Rev. Agric. Cien. Apl. Paraguay 1(4-5):211-73, 1898

La gomosis de los citrus y un nuevo medio preventivo y curativo. An. Cient. Paraguayos (1919)

Meteorology

Invented a drosometer and a phyto-thermometer (1905)

Chemistry

Classified *Stevia rebaudiana* (1905), source of a sweet flavor glycoside stevioside

La *Stevia rebaudiana* Bertoni. La estevina y la rebaudina. Nuevas sustancias edulcorantes. An. Cient. Paraguayos 2(6):29-134, 1918

Botany

DESCRIBED VALID PLANTAE TAXA

Ananas strictus 1913

Jussiaea leveillana 1910

Pavonia restiaria 1911

Rollinia viridis 1913

Stevia rebaudiana 1899

Vanilla bertonensis 1910

Vigna asparaginea 1913

Vigna brasilica 1913

Vigna inga 1913

Vigna oryzina 1913

Vigna serotina 1913

Vigna sulphurea 1913

Vigna tonkinensis 1913

His son, Arnaldo da Winkelried Bertoni, Paraguayan zoologist (Swiss 28 December 1878 – Asunción 1973)

Enunciated laws about pre-historic and fossil deposits

Leyes sobre yacimientos prehistoricos y fosiles. Rev. Soc. Cient. Paraguay 2(6):265, 1930

DESCRIBED

AVES

Family

Genera

Campylorhamphus 1901

Myiornis 1901

Species/Subspecies

Dryophila rubricollis 1901

Pulsatrix koenigswaldiana 1901 (with his father)

Zenaida auriculata virgata 1901

Strix virgata borelliana 1901

Buteo magnirostris magniplumis 1901

Phaethornis eurynome paraguayensis 1901 (with his father)

Penelope supercilialis major 1901

Euphonia violacea aurantiicollis 1901

Chamaeza campanisona tshororo 1901

Asio stygius barberoi 1930

HYMENOPTERA

Genera

Zeteuменes 1921

Amphimenes 1923

Protozethus 1925

Alphamenes 1934

Beteuменes 1934

Paramortonia 1934

Species

Described nearly 50 new species from Paraguay

With Schouten described a fungi species *Fusarium riarti* (1934)

HONORS

Bertoniella Rehn 1911 (Orthoptera)

Bhalchendra Bhavanishankar Mundkur

April 3, 2024

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

Bhalchendra Bhavanishankar Mundkur, Indian mycologist and plant pathologist (Mundkar Village, Mangalore, Tamil Nadu State 26 June 1896 – Poona 13 December 1952)

Authored about 80 papers

With Bedi showed how occur infection by *Tilletia indica* (1943)

DESCRIBED FUNGI TAXA

Genera

Catenulopsora 1943

Dasturella 1943 with Kheswalla

Mehtamyces 1945 with Thirumalachar

Santapauella 1945 with Thirumalachar

Species

Over a hundred

HONORS

Mundkurella Thirumalachar 1944 (Fungi)

Bhim Shanker Trivedi

June 30, 2024

[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

Lattisporites 1970 with Misra

Macrophominites 1979

Malayaeaspora 1981 with Ambwani & Kar

Staginospora 1971 with Verma

Trabeculosporites 1970 with Misra

Bhola Nath Dhawan

February 27, 2024

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

Bhola Nath Dhawan, Indian neuropharmacologist (Khairabad, Uttar Pradesh State 11 October 1932 –

Authored over 400 papers, 20 books

Discovered the apomorphine stereotypy in pigeon (1960)

Elucidated the role of biogenic amines and opioid peptides

With A. Gulati & R.C. Simal elucidated the role of neurotransmitters in the regulation of the blood brain barrier (1986)

With A. Gulati, S.K. Agarwal, R. Shukla & R.C. Simal developed a simple procedure for transiently opening the blood brain barrier by administration of an intravenous bolus of hypertonic saline (1985)

Discovered 8 new drugs and a diagnostic kit

PATENTS (70 national and international patents; incomplete list)

With D.K. Dikshit, S. Singh, G.K. Patnaik & R.C. Simal. A process for the synthesis of 4,5-substituted 2-oxo-4-oxazolidine carboxylic acids. IN178841A5 (1997)

With V.J. Ram, S.K. Singh, F.A. Hussaiani, A. Shoeb, S.B. Intripathi, G.K. Patnaik, R.C. Simal & A.P. Bhaduri. A process for the synthesis of 3,4,6,tribubstituted-2H-pyran-2-ones having hepatoprotective activity. IN178259A15 (1997)

With B.S. Singh, R. Chander, S.K. Chatterjee, Y. Dwivedi et al. A process for the preparation and composition of a fraction containing picrosides I and kuktoside. EP 0571668-A1 (1993)

With S.D. Sharma, K.B. Mathur, A. Raghubir, G.K. Patnaik & R.C. Simal. A process for the synthesis of L-tyrosyl-D-alanyl-glycyl-L-N-methyl phenylalanyl-L-methionine N-substituted amines and their corresponding sulfoxide derivatives as analgesics. IN166472A19 (1990)

With P.C. Jain, R.C. Simal, N. Anand, J.N. Sharma & V.A. Rao. Derivés de la quinoleine, leur preparation et leurs utilisations therapeutiques. FR Patent 2279403-A1 (1976)

With V.A. Murthi, P.C. Jain, J.N.Sharma, R.C. Simal & N. Anand. 1-substituted 4(-B-2-quinolyethyl)piperazines and 1,2,3,4-tetrahydroquinolyl-ethyl analogues thereof. US 03983121A

With A.K. Saxena, P.C. Jain, G. Singh et al. 2-substituted-1,2,3,4,6,7,12,12-A-

octahydropyrazino(2'1':6,1)pyrido(3,4-B)indoles. US Patent 3917599 (1975)

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)

Bicalho brothers

February 26, 2024

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

Francisco de Paula Bicalho, Brazilian civil engineer (São João del Rei, Minas Gerais State 18 July 1847 – Petropolis, Rio de Janeiro State 18 November 1919)

With Aarão Reis designed and built Belo Horizonte city (1883-97)

Headed the works that improved Rio de Janeiro harbor (1904-10)

Managed the works of Rio Grande inlet (1909-15), recognized as the one of world's most notable works in hydraulic engineering

A Barra e o Porto de Rio Grande – uma vitória da engenharia brasileira. Pedro C. Da Silva Telles. Rev. Mar. Braz. p.117-22, 2001 (in Portuguese)

Due to these works related above gained fame abroad as a harbor engineer

His brother, Honório Bicalho, civil engineer (Ouro Preto, Minas Gerais State 04 February 1839 – Rio de Janeiro 05 May 1886)

With Pereira Passos traced the railway at Mantiqueira mountain range (1875-81)

Proposed two piers at each side of the Rio Grande inlet improving a suggestion of English engineer John Hawkshaw

Relatório sobre o melhoramento da Barra do Rio Grande (1883)

Proposed an intermediate type of gauge, a narrow gauge with larger radius curves and / or a narrow gauge railway with gentle curves

Estudos sobre a largura das estradas de ferro e a resistência dos trens (1876)

Proposed a new formula for broad gauge train resistance

Resistência dos trens. II. Fórmula nova da resistência dos trens em bitola larga. Rev. Estradas de Ferro (1886)

Bihari Lal Bhatia

February 26, 2024

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

Bihari Lal Bhatia, Indian protozoologist (Amritsar, Punjab 14 August 1884 – 16 July 1941)

DESCRIBED PROTOZOA TAXA

Families

Aikinetocystidae 1930

Allantocystidae 1930

Diplocystidae 1930

Dixiidae 1930

Rhynchocystidae 1930

Stomatophoridae 1930

Syncystidae 1930

Zygocystidae 1930

Genera

Caulocephalus 1924 with Stena

Contortiocorpa 1935 with Setna

Deuteromera 1938 with Setna

Echinocystis 1925 with Chaterjee

Grebneckiella 1938

Orthodonella 1936

Peritromoides 1936

Species

Ascogregarina tripteroidis 1938

Babesia tropicus 1938

Caulocephalus crenata 1924 with Setna

Cepedea sialkoti 1927 with Gulati

Chilodonella spiradentalis 1930 with Mullick

Coleps kenti 1922

Contortiocorpa prashadi 1935 with Setna

Deuteromera cleava 1938 with Setna

Echinocystis globosa 1925 with Chatterjee

Eimeria gupti 1938

Euglena srinagari 1930

Garnhamia aciculata 1938

Haemoproteus cerchneisi 1938

Haemoproteus corvi 1937

Hirmocystis parapeneopsisi 1934 with Setna

Hoplitophrya indica 1916

Isospora calotesi 1938
Lepistomaphila cornwalli 1938
Lankesteria tripteroidesi 1938
Lecudina eunicae 1938 with Setna
Lecudina lysidicae 1938 with Setna
Leucocytozoon melloi 1938
Loxodes bahaduri 1930 with Mullick
Loxophyllum fasciola 1916
Monocystella leptoplanae 1924 with Setna
Monocystis matthaii 1926 with Setna
Monocystis pheretimae 1925 with Chatterjee
Monocystis pheretimi 1925 with Chatterjee
Nematocystis stephensoni 1926 with Setna
Nyctotherus reniformis 1927 with Gulati
Opalina coracoidae 1927 with Gulati
Protomagalhaensia attenuata 1934 with Setna
Pseudoglaucoma digitata 1936
Rhynchoystis awatii 1926 with Setna
Rhynchocystis cognettii 1925 with Chatterjee
Selenidium amphinomi 1938 with Setna
Spathidium moniliforme 1920
Stomatophora bulbifera 1926 with Setna
Stomatophora primitiva 1938 with Setna
Stomatophora simplex 1924
Trachelomonas kashmiri 1930
Ulivina eunicae 1938 with Setna

HONORS

Bhatiella Setna 1932 (Protozoa)

Bir Bahadur

February 26, 2024

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

Bir Bahadur, Indian plant morphologist (05 April 1938 –

Authored about 250 papers and 10 books

SOME BIBLIOGRAPHY

With T. Yugandhar, B. Krishna Babu & N. Ramaswamy. Spectral characteristics of stigmatic exudates in three distylous Rubiaceae. Adv. Pl. Sci. 17(1):23-6, 2004

With C.G.K. Ramanujam, G.V.S. Murthy, S. Goverdhan & T.P. Kalpana. A representative analysis of LM and SEM studies of *Jatropha* L. pollen (Euphorbiaceae). Geophytology 28(1-2):69, 2000

With J.S. Aburi Raju, K. Rama Das, J.B. Atluri & C.S. Reddi. Sexual system and pollination in distylous *Hugonia mystax* L. (Linaceae). J. Palyn. 33:185-202, 1997

With R.N. Pratap & N. Ramaswamy. Heterostyly and pollen dimorphism in *Reinwardtia indica* Dum. (Linaceae). J. Palyn. 32:67-77, 1996

With K. Venkateshwarlu. Studies on seed and spermoderm character in Solaneae (Solanaceae). Adv. Plant Reprod. Biol. (1995)

With R.K.R. Reddy. Somatic embryogenesis in castor (*Ricinus communis* L.). Adv. Plant Sci. 7(1):163-6, 1994

With N. Rama Swamy. Pollen exine dimorphism in ten heterostylous species. J. Palynol. 29:77-88, 1993

With N. Malathi, K.R.K. Reddy & G.P. Rao. High frequency plant regeneration from embryo cultures of niger (*Guizotia abyssinica* Cass.). Adv. Plant Sci 5: 216-20, 1992

With K.R.K. Reddy & K.V. Krishna Murthy. Experimental xylogenesis in castor bean callus cultures. Phytomorphology 41:299, 1991

With G. Narsaiah & S.M. Farooqui. Studies on foliar features in seven species of *Atylosia* Wight & Arnott (Fabaceae). J. Ind. Bot. Soc. 6:336-42, 1986

With G. Narsaiah & N. Ramaswamy. Foliar and epidermal features in relation to twining habit in flowering plants. J. Swamy Bot. Cl. 2(4):117-24, 1985

With S.B. Laxmi & N.R. Swamy. Pollen morphology and heterostyly. A systematic and critical account. Adv. Pollen Spore Res. 12:79-129, 1984

With G. Narsaiah. Twining handedness in flowering plants. Ind. J. Botany 18:41-9, 1984

Pollen flow in dimorphic *Turnera subulata* (Turneraceae). New Phytol. 98:205-9, 1984

With N. Rama Swamy. Biochemical changes in the pistils of distylous *Turnera subulata* J.E. Smith (Turneraceae) following self and cross pollinations (1984)

Light and scanning electron microscopic study of seeds in *Nigella* L. (Ranunculaceae) 1984

With K.V. Vaskar & S.M. Farooqui. The taxonomic significance of seed and seed coat (LM & SEM) characters in six species of *Nigella* (Ranunculaceae). Proc. Ind. Acad. Sci. 92B:429-35, 1983

With M. Madhusudana Rao. Effect of irradiation and centrifugation on seedling enantiomorphism in green gram and black grain. Curr. Sci. 51(5):242-3, 1982

Heterostyly in *Eichhornia crassipes* (Mart.) Solms. J. Ind. Bot. Soc. 56:299-06, 1977

With N. Pratap Reddy. Types of vernation in the cyathia of *Euphorbia milli* Des Moulins. New Phytologist 75(1):131-4, 1975

With N. Ramayya. Studies of the structural and developmental variation and distribution of stomata in the Rubiaceae. Bot. Linn. Soc. 64:295-310, 1971

Heterostyly in *Hedyotis nigricans* (Lam.) Fosb. J. Genetics 60:175-7, 1970

With N. Ramayya. Morphology of the "squame" in the light of their ontogeny. Curr. Sci. 37:520-2, 1968

Heterostyly in Rubiaceae: a review. Osmania Univ. J. Sci. 4:207-38, 1968

Pollen dimorphism in heterostyled *Oldenlandia umbellata*. Rhodora 66:56-60, 1964

HONOURS

Honorary Research Fellow, Birmingham University

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)

Birendra Singh Chauhan

February 26, 2024

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

Birendra Singh Chauhan, Indian helminthologist and parasitologist (Hoshangabad, Madhya Pradesh 02 May 1915 – Narsinghapur, Madhya Pradesh 04 February 2007)

Authored more than 80 papers

DESCRIBED HELMINTHS TAXA

Subfamilies

Priceinae 1953

Aspidogasterinae 1954

Cotylaspidinae 1954

Genera

Ahemiuris 1954 (Trematoda)

Baughbilharzia 1974 with Srivastava (Digenea)

Bilaterocotyle 1945 (Trematoda)

Pricea 1945 (Trematoda)

HONORS

Chauhanea Ramalingam 1953 (Trematoda)

Chauhanotrema Zhukov 1972 (Trematoda)

Chauhanocotyle Khoche & Dad 1975 (Monogenea)

Chauhanellus Bychowsky & Nagibina 1969 (Monogenea)

Birendracoccus Ali 1975 (Homoptera)

Biresh Chandra Guha

February 29, 2024

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

Biresh Chandra Guha, Indian biochemist (Mymensingh, today Bangladesh 07 June 1904 – Lucknow, Uttar Pradesh State 20 March 1962)

World recognized expert on vitamins and ascorbic acid

With I.B. Chatterjee, N.C. Ghosh & J.J. Ghosh developed a technique for determination the ability of an animal tissue to synthesize vitamin C (1957)

Isolated proteins from tree leaves and grasses

With I.B. Chatterjee & N.C. Ghosh discovered and characterized enzymes aldonolactonase and L-gulonolactone oxidase (1958-60)

First to announce the presence of the bound form of ascorbic acid in plant tissues

Isolated a bound form of niacin from maize, rice and wheat bran's

Designed anti-folic acid compounds and nucleic acid base analogues for potential application in cancer chemotherapy

With A.K. Hazra & S.K. Bose. A rapid method of surveying fungi of cellulolytic power. Sci. Cult. 24:39-40, 1958

Biswamoy Biswas

February 26, 2024

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Biswamoy Biswas, Indian ornithologist (Calcutta 02 June 1923 – Calcutta 10 August 1994)

DESCRIBED AVIAN TAXA

Psittacula roseata 1951

Psittacula roseata roseata 1951

Psittacula roseata juneae 1951

Zoothera citrina amadoni 1951

Dendrocopus mahrattensis pallescens 1951

Treron sphenurus delacouri 1951

Hirundapus cochinchinensis rupchandi 1951

Dendrocopus mahrattensis koelzi 1951

Picus flavinucha marianae 1952

Pteruthius ripleyi 1960

HONORS

Biswamoyopterus Saha 1981 (Mammalia, Rodentia)

Blanka Wladislaw

June 30, 2024

Bibliography [See https://neglectedscience.com/category/bibliography/](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. Barazzone. 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 chloroanil-cyclopentadiene adduct toward nucleophiles. Synthesis of new 1,4-benzoquinones containing an unusual ortho pattern of substitution. *Synthetic Communications* 30(18): 3413-3422, 2000.

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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

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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 ¹H NMR spectroscopy. *Journal of Chemistry Research*, 438-439, 1994.

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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.

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With L. Marzorati & J. Gruber. New alpha-sulfinyl-thioesters, as precursors to thioacrylates. *Synthetic Communications* 20(18):2937-2944, 1990.

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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

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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

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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

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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

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With H. Viertler. Absorção no ultravioleta de alguns novos alquiltioacetatos . *Ciência e Cultura*, 21: 197-197, 1969

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With H. Viertler. Novo método de obtenção de tiobutirolactonas . 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.

Boju Jiang

March 1, 2024

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

Boju Jiang or Po-Chu Chiang, Chinese mathematician (Tianjin 04 September 1937 –

Calculated the Nielsen numbers in a subgroup of fundamental group (1964)

Verified the Nielsen fixed point conjecture (1980s)

Clarified about the least number of fixed points among the maps in a homotopy class (1980s)

Proved that the concordance group of algebraically slice knots is infinitely generated (1981)

Gave an algebraic sufficient condition for the existence of periodic points of a prescribed pure period (1983)

Developed Nielsen theory of periodic orbits (1996)

With S. Wang & Y.Q. Wu showed that on many manifolds all orientation-preserving homeomorphisms are isotopic to fixed point free homeomorphisms (2000)

With X.S. Lin, S. Wang & Y.Q. Wu developed various methods to detect the various achiralities of knots and links in S and gave a simple procedure for calculating the $\#$ -function in terms of a crossing change formula and its initial values (2002)

With Y. Ni, S. Wang & Q. Zhou first established examples of non-fibred knots with property IE and non-fibred knots without property IE (2006)

With H. Zheng deduced a trace formula for the computation of the forcing relation of braids (2008)

With S. Wang & Q. Zhang introduced an alternative definition of fixed point class (2011)

EPONYMY

Jiang group

Jiang subgroup

Jiang spaces

Jiang conditions (1963)

Bolus family

February 26, 2024

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

Harry Bolus, English-born South African botanist and explorer (Nottingham, England 28 April 1834 – Oxford, Surrey 25 May 1911)

DESCRIBED

Dermatobotrys 1890 (Scrophulariaceae)

Guthriea 1873 (Achariaceae)

Phyllosma 1897 (Rubiaceae)

Schlechteria 1897 (Rubiaceae)

HONORS

Bolusanthus Harms 1906 (Fabaceae)

Bolusafra Kuntze 1891 (Fabaceae)

Bolusia Bentham 1873 (Fabaceae)

Bolusiella Schlechter 1918 (Orchidaceae)

Neobolusiella Schlechter 1895 (Orchidaceae)

His niece Harriet Margaret Louisa Kensit Bolus, South African botanist (Burgersdorp, Cape Province 31 July 1877 – Cape Town 05 April 1970)

DESCRIBED PLANTAE TAXA

Genera

Amphibolia 1971 (Aizoaceae)

Berresfordia 1932 (Aizoaceae)

Esterhuysenia 1967 (Aizoaceae)

Jacobsenia 1954 (Aizoaceae)

Leipoldtia 1927 (Aizoaceae)

Maughaniella 1961 (Aizoaceae)

Namaquantus 1954 (Aizoaceae)

Neohenricia 1938 (Aizoaceae)

Orthopterum 1927 (Aizoaceae)

Ottosonderia 1958 (Aizoaceae)

Pillansia 1914 (Iridaceae)

Ruschianthus 1960 (Aizoaceae)

Skiatophytum 1927 (Aizoaceae)

Stayneria 1960 (Aizoaceae)

Tritoniopsis 1929 (Iridaceae)

Vanheerdea 1992 (Aizoaceae) posthumous

Vanzijlia 1927 (Aizoaceae)

Wooleyø 1960 (Aizoaceae)

Species

Nearly 1,700

HONORS

Phyllobolus N.E. Br 1925 (Aizoaceae)

Boris Ivan Balinsky

February 26, 2024

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

Boris Ivan Balinsky, Ukrainian-born South African zoologist, embryologist and geneticist (Kiev 10 September 1905 – 01 September 1997)

Performed important studies of comparative embryology and published *An Introduction to Embriology* (1960) gaining world renown

Discovered the limb induction in Amphibia

GENERA

Described 34 Lepidopteran genera and many new species of Odonata and Plecoptera

Abachausia 1994

Afromyelois 1991

Afromyela 1994

Afropsipyla 1994

Ambetilia 1994

Aspithroides 1994

Azanicola 1991

Bahiria 1994

Cabotella 1994

Candiopella 1994

Cantheleamima 1994

Canthelearaima 1994

Ceuthelea 1994

Cunibertoides 1991

Flabellobasis 1991

Hobohmia 1994

Kivia 1994

Levantenna 1994

Macrovalva 1994

Magiriamorpha 1994

Miliberta 1994

Nakurubia 1994

Namibicola 1991

Namibiopsis 1994

Nonphycita 1994

Paralaodamia 1994

Phycitophila 1994

Proancylosis 1991

Pseudogetulia 1994

Pseudographis 1989

Pylamorpha 1994

Quasiexuperius 1994

Ramosignathos 1994

Shebania 1991

HONORS

Honored in genus *Balinskycercella* Stevens & Picker 1995 (Plecoptera)

www.microscopy.org.za/Documents/Members%20info/Boris.pdf

South African Journal of Science 101:309-12, 2005 (available in Google Docs)

Botha de Meillon

February 27, 2024

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

Schalk Jacobus Botha de Meillon, South African entomologist (Prieska, Cape Province 15 October 1902 – Philadelphia, USA 06 December 2000)

Authored 189 papers

DESCRIBED TAXA

Diptera

Genera & Subgenera

Ankylohelea 1987 with Wirth

Capehelea 1987 with Wirth

Fanthamia 1939

Kolenhelea 1981 with Wirth

Luciomyia 1937

Notoceratopogon 1986 with Downes

Pedilohelea 1980 with Wirth

Rhinohelea 1979 with Wirth

Species

423 being 219 in Ceratopogonidae and 37 in Simuliidae

Siphonaptera

Genera

Cryptopsylla 1949

Epirimia 1940

Macroscelidopsylla 1958

Species

38

Acari

Species

At least 2 (*Echinonyssus latiscutatus* 1944 & *Myonyssoides spinosus* 1944 both with Lavoipierre)

HONORS

Demeillonia Hopkins & Rothschild 1956 (Siphonaptera)

Demeillonius Davidson 1980 (Diptera)

Bothamia Meiswinkel 1987 (Diptera)

Bothahelea Grogan & Wirth 1983 (Diptera)

Subgenus *Meillonium* Rubtsov 1962 (Diptera)

Bounaga family

August 19, 2024

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

Djilali Bounaga, Algerian botanist and mycologist (1931 – Sahara February 1980)

SOME BIBLIOGRAPHY

With N. Sabaou & N. Bounaga. Actions antibiotique, mycolytique et parasitaire de deux actinomycetes envers *Fusarium oxysporum* f. sp. *albedinis* et autres formae speciales. Can. J. Microbiol. 29:194-9, 1983

With A. Ali-Hamoud & N. Djellali. Contribution à l'étude microbiologique des sols alfatiers. 1- densité de la microflore totale et activité biologique. Effet du paillage. Mem. Soc. Hist. Nat. Afr. Nord 3:15, 1983

With N. Sabaou & M. Bennaceur. Le palmier dattier et la fusariose. VIII. Action parasitaire d'un actinomycete envers *Fusarium oxysporum* f.sp. *albedinis*. Ann. Microbiol. Inst. Pasteur 132A:319-29, 1981

With A. Ali Hamoud, H. Amir, M. Chami & N. Djellali. Contribution à l'étude de l'activité microbiologique de quelques sols de la Sebkha de Boughzoul. Physiol. Veg. 18:1933, 1980

With N. Sabaou & H. Amir. Le palmier dattier et la fusariose. X. Denombrement des actinomycetes de la rhizosphere; leur antagonisme vis à vis du *Fusarium oxysporum* f.sp. *albedinis*. Ann. Phytopathol. 12:253-7, 1980

With N. Sabaou & H. Amir. Antimicrobial activity of actinomycetes and characterization of actinomycin-producing strain KRG-1 isolated from Karoo. South Africa 14(3), 1980

With M. Harche. Etude comparative du tissu fibreux dans la feuille d'alfa *Stipa tenacissima* L. Bull. Soc. Hist. Nat. Alger (1979)

Noeuds, traces gemmaires et morphogenese. Ann. Sci. Nat. Bot. Paris 14:1-32, 1973

With N. Bounaga. Le palmier dattier et la fusariose. I. Les vaisseaux. Bull. Soc. Hist. Nat. Afr. Nord 64:3-24, 1973

Polymorphisme foliaire et aisselles vides chez l'*Eryngium tricuspidatum* Desf. (1973)

With M. Chaumont & C. Pacquin. Précipitations annuelles minimales fréquentielles en Algerie septentrionale (1972)

With M.E. Somon. Contribution à l'étude morphologique, anatomique et ontogenique (1972)

Polymorphisme, relations isomorphogénétiques et vigueur gemmaires chez l'*Eryngium tricuspidatum*. Bull. Soc. Hist. Nat. Afr. Nord 63:3-25, 1971

Essai de détermination du mode de ramification anatomique chez *Eryngium tricuspidatum* et quelques ombellifères. Bull. Soc. Hist. Nat. Afr. Nord 58(1-2):99-132, 1968

Organogenese et morphogenese de l'*Eryngium tricuspidatum* L. Bul. Soc. Hist. Nat. Afr. Nord 57:29, 1966

Anatomie du genre *Eryngium* en Afrique du Nord. Bull. Soc. Hist. Nat. Afr. Nord 54:7-80, 1964

Nicole Bounaga Riveill

His spouse, Nicole Bounaga Riveill, mycologist (fl.1969)

SOME BIBLIOGRAPHY

With S. Ouafi. Effect of fusariosis on the metabolism of phenolic compound on date palm leaflets resistant or sensitive to the disease. J. Food Sci. Eng. 2:213-7, 2012

With S. Ouafi. Phenolic compounds as markers for Algerian cultivars of the date palm *Phoenix dactylifera* L. Acta Hortic. 882:165-72, 2010

With S. Ouafi. Les glycosides flavoniques marqueurs de cultivars algériens de palmier dattier (*Phoenix dactylifera* L.) Acta Bot. Gallica 155:307-15, 2008

With S. Ouafi, Ph. Lebreton & N. Bouguedoura. Contribution à l'étude des hétérosides flavoniques du palmier dattier. Recherche de marqueurs des cultivars algériens. Rev. Reg. Aridn 2:379-85, 2008

With F. Grim. Flavonic polymorphism and chemosystematics of the genus *Zygophyllum* studied in the Algerian Sahara. Acta Pharm. 46:187-94, 1996

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With N. Sabaou, H. Hacene, A. Bennadji & H. Bennadji. Distribution quantitative et qualitative des actinomycetes dans les horizons des sols de surface et profonds d'une palmeraie algérienne. *Can. J. Microbiol.* (1992)

With M. Bennaceur, C. Lanaud & M.H. Chevalier. Genetic diversity of date-palm (*Phoenix dactylifera* L.) from Algeria detected by enzyme markers. *Plant Breed* 107:56-69, 1991

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With N. Bouguedoura & L. Boughediri. Ontogénie et ultrastructure du pollen du Palmier dattier *Phoenix dactylifera* L. *Bull. Soc. Bot. Fr. Actual Bot.* 137(2):154-5, 1990

With M. Djerbi. Pathologie du palmier dattier. *Options Mediterr. Ser A* 11:127-32, 1990

With R.A. Brac de la Perriere. Recherches em zones arides et pluridisciplinarité: rêve ou réalité. *Rev. Res. Amel. Agr. Milieu Aride* 1:3-9, 1990

With H. Amir, O. Riba & A. Amir. Influence de la salinité des sols de palmeraies sur les *Fusarium*. I. Relation entre la densité des populations de *Fusarium* et la conductivité des sols. *Ecol. Biol. Sol* 26:391-406, 1989

With S. Ouafi, R. Gaceb-Terrak & P. Lebreton. Les flavonoides marqueurs intraspécifiques chez le palmier dattier (*Phoenix dactylifera* L.). *Compt. Rend. Acad. Sci. Paris Ser. III* 306:399-404, 1988

With R.A. Brac de la Perriere. Les ressources phytogénétiques du Sahara. *Ann. Inst. Nat. Agron. El Harrach* 12(1):79-94, 1988

With L. Boughediri. Etude comparative de differents types de pollen de palmier dattier (*Phoenix dactylifera* L.) (1987)

With N. Sabaou. Actinomycetes parasites de champignons: etude des especes, specificité de l'action parasitaire au genre *Fusarium* et antagonisme dans le sol envers *Fusarium oxysporum* f.sp. *albedinis* (Killian et Maire) Gordon. *Can.J. Microbiol.* 33(5):445-51, 1987

With N. Djellali, G. Billés & P. Lossaint. Etude de l'activité biologique des sols de la steppe à alfa de Algérie. Minéralisation du carbon et de l'azote. *Acta Oecologica* 6:289-307, 1985

Contribution a l'étude de *Fusarium oxysporum* f.sp. *albedinis* (Killian et Maire) Gordon, agent de la fusariose du palmier dattier. Thesis (1985)

With S.Siljak-Yakovlev, S. Benmalek, M. Cerbah. T. Coba de la Peña, B. Tisserat & A.M. Torres. Isozymes as genetic indicators in date palm. *Annals Botany* 67(2):162-7, 1980

Le palmier dattier et la fusariose. III. Rapports entre la structure moléculaire des di-et triholosides et leur utilisation par le *Fusarium oxysporum* f.sp. *albedinis* (Killian et Maire) Gordon. *Bull. Trim. Soc. Mycol. France* 94:211-8, 1978

The date palm and fusariosis. V. Comparative study of the germination of microconides and macroconides of *Fusarium oxysporum* f.sp. *albedinis* (Killian et Maire) Gordon. *Bull. Soc. Hist. Nat. Afr. Nord* 66(3-4):39-44, 1975

Quelques aspects de la physiologie d'une souche de *Fusarium oxysporum* f.sp. *albedinis*, agent de la maladie du "bayoud". *Bull. Soc. Hist. Nat. Afr. Nord* 60:137-83, 1969

HONORS (both)

Bounagaea Meklat, Bouras, Mokrane, Zitouni, Schumann, Sproer, Klenk & Sabaou 2015 (Bacteria)

Boyle Chunder Sen

June 27, 2024

[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)

Braulio Moyano

April 3, 2024

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

Braulio Aurelio Moyano Arce, Argentine neuropathologist (Villa Mercedes, San Luis Province 21 August 1906 – Buenos Aires 07 July 1959)

Authored 22 works

Reported the presence of neurofibrillary tangles and plaques in the brain of patients diagnosed with Pick and Alzheimer diseases (1931)

His doctoral thesis *La demencia senil y demencias preseniles* (1932) gained international repercussion

Discovered that the first Pick dementia symptom is the loss of the inner language known as amnesic aphasia sign

Discovered the pathogeny of Argyll-Robertson sign due to demyelization of iris nervous fibers (1935) with Roque Orlando

Discovered the origin of upper via aberrans in frontal median zone

Located the function of brain cortical mantle

Demonstrated the proliferation of microgliae in malariotherapy

Described a new typical form of general progressive paralysis

With G. Bosch. *Una nueva forma atípica de la Parálisis General Progresiva*. Bol. Acad. Nac. Medic. (1941)

Introduced modifications to Weigert method in order to freeze the brain

Bravo Hollis sisters

February 26, 2024

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

Helia Bravo Hollis, Mexican botanist (Ciudad de Mexico 30 September 1901 – Ciudad de Mexico 26 September 2001)

From Mexican father and English mother

Described 57 new taxa in Cactaceae plants and named 61 recombinations

HONORS

Bravocactus Doweld 1998 (Cactaceae)

Bravothrips Johansen 1986 (Thysanoptera)

9 other taxa in plants and animals

Margarita Bravo-Hollis, Mexican helminthologist (Ciudad de Mexico 10 June 1911 – Ciudad de Mexico 13 December 2011)

DESCRIBED PARASITE HELMINTHOLOGICAL TAXA

1 new family Neotetraonchidae 1968

7 subfamilies

26 genera

105 species

HONORS (Trematoda Genera)

Bravocotyle Lamothe-Argumedo 1968

Bravohollisia Bychowsky & Nagibina 1972

Bravotrema Groschaft 1972

Margotrema Lamothe-Argumedo 1972

BRAZIL

February 26, 2024

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

Jessé Santiago Accioly Lins, Brazilian physician (Porto Calvo, Alagoas State 21 September 1921 – Salvador 24 July 1996)

Formulated the inheritance mechanism of sickle anemia independent of J. Neel

Anemia falciforme: relato de um caso com infantilismo. Arq. Fac. Med. Univ. Feder. Bahia 2:169-98, 1947

Pedro de Almeida Magalhães, Brazilian physician (Vassouras, Rio de Janeiro 27 November 1864 – Benjamin Constant, Minas Gerais State 13 February 1909)

Described Almeida Magalhães sign

Percussão da fosseta de Mohrenheim para o diagnóstico precoce da tuberculose

First to report intermittent splitting in second heart sound and bruit de gallop in beriberi (Almeida Magalhães sign)

O coração no beriberi (1901)

Julio João Arthaud-Berthet, French-born Brazilian plant pathologist (Sainte Marie D'Alvey, Auvergne, Rhone Alpes Region, Savoie Department 1875 – São Paulo 13 March 1941) países

First reported the powdery mildew of mango caused by *Oidium mangiferae* (1914)

FRENCH PATENTS (With Anthelme Joseph Perrier)

Appareil de pasteurisation (1905)

Appareil pour le transport, la pulvérisation et le dosage ou la ... (1905)

Cesar Augusto da Costa Avila, Brazilian orthopedist and surgeon (Lages, Santa Catarina State 26 June 1906 – Porto Alegre 19 February 1974)

Developed some surgical techniques and improved others

Eponym of Cesar Avila zone for infantile appendicitis

Amadeo Amidei Barbiellini, Italian-born Brazilian agronomist (Ancona 11 July 1877 – Santos, São Paulo State 11 September 1955)

Gathered a rich entomological collection with a number of new species for science among them Hymenoptera, Diptera, Coleoptera and Odonata

SOME BIBLIOGRAPHY

As moscas das fructas. Entomol. Bras. 1 (1908)

Cultivai as amoreiras: o melhor conselho para favorecer a sericicultura no Brasil. A Lavoura. Bol. Soc. Nac. Agric. A 12(7), 1908

O pretenso damno e uma verdadeira utilidade das abelhas (fim). Entomol. Bras. 2(6-8):167, 1909

Um terrível inimigo das amoreiras. Entomol. Bras. 2:234-7, 1909

A maior mosca do mundo. Chácaras e Quintaes 51:62-3, 1935

Uma nova coleo-broca das nossas florestas. Chácaras e Quintaes 43: 245-7, 1935

Duas palavras sobre os dípteros asilídeos. Chácaras e Quintaes 51:335-6, 1935

Como combater o gafanhoto sul-americano. Combate biológico na Argentina. Outros meios de combate. Chácaras e Quintaes 61(5):657-60, 1940

No mundo dos insetos. Moscas gigantes brocando arvores. Chácaras e Quintaes 90(5):617, 1954

Caterpillar of Lilliacae. Chácaras e Quintaes 90:731-3, 1954

Combate a praga do eucalipto no sul. Chácaras e Quintaes 91:191-2, 1955

HONORS

Barbiellinia Bezzi 1922 (Diptera)

Otto Bender, German-born Brazilian agricultural engineer (Dresden 1883 – São Paulo 21 August 1961)

Designed and patented devices and accessories for land-surveying

Daniel Cargnin, Brazilian Catholic father and amateur paleontologist (Nova Palma, Rio Grande do Sul State 1930 – Mata, Rio Grande do Sul State 2002)

Collected new species of fossil vertebrates

Discovered specimens of cynodonts, dicynodonts and rhynchosaurs between 1956 to 1976 (p.ex. *Protuberum cabralensis*)

With I.S. Carvalho & A.C.S. Fernandes. Pegadas fósseis do Triássico da Bacia do Paraná (Grupo Rosario do Sul), Rio Grande do Sul, Brasil. Rev. Bras. Paleont. 2:71-2, 2001

HONORS

Cargninia Bonaparte, Schultz, Soares & Martinelli 2010 (Fossil Reptilia)

Roberto Ruhman Daher, Brazilian gastroenterologist (Ipameri, Goiás State 1936 – Goiânia 13 May 2007)

From Lebanese descent

He was acting mayor of Goiania city (1977)

Known internationally for his work on hepatic parasitic infectious diseases

SOME BIBLIOGRAPHY

Digestive manifestations in yellow fever. Dig. Dis. Sci. 131:3825, 1986

With W.M.P. Vasconcelos & V.M. Cardoso. Fígado e blastomicose sul-americana. J. Bras. Med. 25:83, 1973

With J. Doles. Valor da determinação da atividade enzimática do soro sanguíneo no diagnóstico das enfermidades hepáticas. Rev. Goi. Med. 18:139, 1972

With W. Barbosa & A.R. Oliveira. Forma linfático-abdominal da blastomicose sul-americana. Rev. Inst. Med. Trop. S. Paulo 10(1):16-27, 1968

Osmar da Silva Fontenele, Brazilian fisheries biologist (Fortaleza 18 April 1915 – 1993)

Simplificação do processo de incubação artificial de ovos livres de peixe (Improvement of artificial incubation of fish free eggs) 1978

Um caracter secundario extragenital nos tucunarés (Actinopterygii, Cichlidae). Rev. Bras. Biol. 8(2):185-8, 1948

Domingos José Nogueira Jaguaribe Filho, Brazilian physician (Fortaleza 02 November 1847 – Santos, São Paulo State 14 November 1926)

He was Correspondent professor at Ecole de Psychologie de Paris

Invented Velo-aereo, a dirigible aerostat consisting of two balloons with wings (1897)

Solidonio Cavalcanti Lacerda, Brazilian radiologist (Cajazeiras, Paraíba State 30 July 1923 – Rio de Janeiro 01 March 2014)

Eponym of Solidonio Lacerda view / incidence for zygomatic / malar bone

Manuel da Gama Lobo, Brazilian ophthalmologist and histologist (Monte Alegre, Pará State 09 March 1835 – La Coruña, Spain 07 June 1883) países

His work Etudes sur la fièvre jaune de 1873 et 1874 (1876) was praised in Europe and North America

In another work related ocular lesions to nutritional deficiencies or xerophthalmia

Da oftalmia brasileira. Gaz. Med. Lisboa 16:430-4 & 17:466-9, 1865

Brasilianische Augenentzündung. Klin. Monatsbl. Augenheilkd 4:65-75, 1866

Hebe Helena Labarthe Martelli, Uruguayan-born Brazilian biochemist and microbiologist (31 May 1919 – 201?)

First in the world to study the production of vitamin A by yeasts

Isolated a new strain of bacteria that readily decomposes sulfonic compounds (1967)

Oxidation of sulphonic compounds by aquatic bacteria isolated from rivers of the Amazon region. Nature 216 (5121):1238-9, 1967

With S.M. Souza. Biochemistry of sulfonic compounds. III. Formation of a two carbon compounds during the oxidation of sulfo-acetate by a *Pseudomonas* strain. Biochim. Biophys. Acta 208:110-5, 1969

Adolpho Lietze, German-born Brazilian nurseryman (Potsdam 1839 – Rio de Janeiro 15 December 1907)

Collected a number of new plant species from Southeast of Brazil

Recognized as the greatest hybridist of caladiums of this day producing more than 600 varieties and hybrids spread over Brazil and the whole world

His *Caladium* hybrids and varieties obtained silver (Gand and Chicago) and gold (Dusseldorf 1904) medals at World Expositions

Luiza Cardoso May, Brazilian mycologist and plant pathologist (1917 –

With C.S. Hodges. A root disease of pine, araucária and eucalyptus in Brazil caused by a new species of *Cylindrocladium*. *Phytopathology* 62(8):898-901, 1972 (*C. clavatum*)

With C.S. Hodges & M.S. Reis. Duas enfermidades em plantações de essências florestais exóticas no Brasil. *Brasil Florestal* 4(15):5-12, 1973 (eucalyptus canker caused by *Diaporthe cubensis*)

Leonel Moro, Brazilian physicist, astronomer and filmmaker (Pinhalão, Paraná State 22 January 1925 – Curitiba 09 December 1984)

Invented and patented a three-dimensional process of cinematographic projection employing anamorphic lens analogous to CinemaScope named Moroscope or Cinereo3D

Dispositivo ocular para observar imagens planas com efeito tridimensional P3219156 (1953)

Developed a glass filter for radioactive residuals from nuclear reactors

Authored Um estudo da triseção do ângulo

Hugo Lodewijk Radino, Belgian-born Brazilian chemical engineer (Anvers 24 January 1924 –

Developed and patented INGA-Radino process, a new hydrometallurgic process for extraction of zinc from the calamine (1958)

Process of zinc extraction from ores formed by or containing zinc silicate or other soluble silicates by means of hydrometallurgy (1959) patents: US2874041A (1956), DE1040258B (1956), FR1174106A (1956) & AUS 224, 195 (1957)

Leaching of zinc ores containing soluble silicates CA580,901 (1959)

Ezequiel Correia dos Santos, Brazilian apothecary (Iguaçu, Rio de Janeiro State 10 April 1801 – Rio de Janeiro 28 December 1864)

With aid of Souillé and Dourado isolated alkaloid pereinine from *Geissospermum vellosii* (1833; published in 1838), independent from Berhend Goos, German pharmacist (1815-1885) that isolated it in 1839

The report of isolation of pereinine was published in *Rev. Med. Fluminense* 4:14-34, 1838

Vital Schunk, Brazilian amateur orchidologist (Marechal Floriano, Espírito Santo State 1951 –

Developed his own method of orchid cultivation

Discovered and collected new species of orchids

Honored in genus *Schunkea* Senghas 1994 (Orchidaceae)

Armando Tocchetto, Brazilian plant pathologist (Guaporé, Rio Grande do Sul State 09 July 1907 – Porto Alegre 18 March 1981)

Described the causative agent of grapevine fusariosis *Fusarium oxysporum* var. *herbemontis* in *Rev. Agr.* 209:82-9, 1954

Zireli de Oliveira Valença, Brazilian dermatologist (São José da Laje, Alagoas State 05 January 1934 – Maceió 23 December 2020)

Discovered Zireli sign / maneuver or skin stretching test for pityriasis versicolor (1974)

Nova manobra para diagnóstico da pitiríase versicolor (1979)

Germain Vert, French-born Brazilian plant pathologist (died Piracicaba, São Paulo 04 March 1908)

Authored influential work Le pollen, origine et transformation. *Comp. Rend. hebd. Sean. Acad. Sci.* 143 (24):977-9, 1906

Authored the first report of *Eutinobothrus brasiliensis* as cotton plant plague in *Bol. Agric. S. Paulo* (1905)

Brian John Huntley

February 29, 2024

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

Brian John Huntley, South African plant ecologist and conservationist (Durban 20 February 1944 –

SOME BIBLIOGRAPHY

With W.R.J. Dean, M.A. Huntley & C.J. Vernon. Notes on some birds of Angola. Durban Mus. Novit. 14:43-92, 1988

With G.R. Hughes & D. Wearne. Sea turtles in Angola. Biol. Cons. 5:58-9, 1973

Ageing criteria for tsessebe. J. Sth. Afr. Wildl. Mg. Assoc. 3:24-6, 1973

A note on food preferences of a steenbok. J. Sth. Afr. Wildl. Mg. Assoc. 2:24-6, 1972

Carcass composition of mature male blesbok and kudu. S. Afr. J. Anim. Sci. 1:125-8, 1971

Seasonal variation in the physical conditions of mature lesbok and kudu. J. Sth. Afr. Wildl. Mg. Assoc. 1:17-9, 1971

Observations on the Percy Fyfe Reserve Tsessebe population. Ann. Transv. Mus. 27:225-39, 1970

Altitudinal distribution and phenology of Marion Island vascular plants. Tydskr. Natuurwet 10:4, 1970

A floristic and ecological account of the vegetation of Marion and Prince Edward Islands, South Indian Ocean. MSc. Thesis, University of Pretoria (1968)

A preliminary account of Ngoye Forest Reserve, Zululand. J. S. Afr. Bot. 31:177-205, 1965

HONORS

Brianhuntleya Chesselet, Hammer & Oliver 2003 (Aizoaceae)

Brian Roy Stuckenberg

June 27, 2024

[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

Austrolauxania 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

Procestrotus 1971

Prosamyza 1971

Pseudoprochaetops 1971

Succinatherix 1974

Suraginella 2000

Teratolauxania 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>

Brieva brothers

February 26, 2024

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

Jorge Alfonso Brieva Bustillo, Colombian geologist, paleontologist and anthropologist (1935 –

SOME BIBLIOGRAPHY

With C. Villarroel & C. Macia. Formación Venado, nueva unidad litoestratigrafica del Ordovicio colombiano. Geol. Colomb. 22:41-9, 1997

With C. Villarroel & A. Cadena. La fauna de mamíferos fosiles del Pleistoceno de Jutua, Municipio de Soata (Boyacá, Colombia). Geol. Colomb. 21:81-7, 1996

With C. Villarroel, T. Setoguchi & C. Macia. Geology of the La Tatacoa “desert” (Huila, Colombia): Precisions on the stratigraphy of the Honda Group, the evolution of the “Pata High” and the presence of the La Venta fauna. Mem. Fac. Scien. Kyoto Univ. Ser. Geol. Miner. 58 (1-2), 1996

With C. Villarroel & A. Cadena. Descubrimiento de mamíferos fosiles de Edad Lujanense (Pleistoceno Tardío) en El “desierto de La Tatacoa” (Huila-Colombia). Caldasia 16(76):119-25, 1989

With J. Mojica, C. Villarroel, F. Colmenares & M. Moreno. Observaciones preliminares sobre flujos de lodo cuaternario relacionados con la actividad del Volcán Nevado Del Ruiz (Cordillera Central Colombiana) en noviembre de 1985 (1986)

With J. Mojica, C. Macia, G. Ujueta & J. Mendoza. Riesgo geológico y flujos de lodo históricos y prehistoricos en el Valle de Armero (Depto. Tolima, Colombia) 1986

With C. Hernandez & J. Lozano. Corrientes litorales en La Boquilla, Cartagena, Colombia. Geol. Colomb. 13 (1984)

Eduardo Brieva Bustillo, astronomer (Carmen de Bolívar, Bolívar Department 29 June 1938 –

SOME BIBLIOGRAPHY

With J.A. Uribe & R. Barrera. Membership in the region of the open cluster M67 working from proper motions via the EM algorithm. An application to M67. Publications of the Astronomical Society of the Pacific. Conference Series 371:403, 2008

With J.A. Uribe & R. Barrera. The Expectation-Maximization algorithm as a powerfull tool to solve the stellar membership in open cluster. An application to M67. The Serbian Astronomical Journal 153:57, 2006

With J.A. Uribe, J.A. García Varela, B.E. Sabogal Martínez & M.A. Higuera. Membership in the region of the double cluster h and Chi Persei from proper motions and positions: distance moduli and extinction in that galactic direction. Publications of the Astronomical Society of the Pacific 114:233, 2002

With B.E. Sabogal Martínez, J.A. García Varela, M.A. Higuera & J.A. Uribe. Membership in the region of the open cluster NGC 2244. Revista Mexicana de Astronomía y Astrofísica 37:105, 2001

With J.A. Uribe & M.A. Higuera. Stellar membership in the region of the double cluster h and Chi Persei from proper motions and positions using a multivariate parametric model. A first approach. Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales, 23 (85):475, 1998

With W. Gieren, G. Hertling, P. Fouqué & P. Candia. Cepheid distances to nearby galaxies. Proceedings of IAU Colloquium 155 held in Cape Town, February 1995, Ed. R.S. Stobie and P.A. Whitelock, Astronomical Society of the Pacific, Conference Series 83:381, 1995

With J.A. Uribe. The problem of stellar membership in open clusters. Astrophysics and Space Science 214:171, 1994

With W. Gieren. On the binary stars of the Cepheid SV Persei. Astron. Astrop. 253:126, 1992

HONORS (both)

Brievabradys Villarroel 2000 (Fossil Mammalia)

Brij Bhushan Bhatia

February 26, 2024

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

Brij Bhushan Bhatia, Indian parasitologist and protozoologist (Mathura, Uttar Pradesh State 11 March 1935 –

DESCRIBED NEW PARASITE SPECIES

Protozoa

Eimeria ailuri 1981 with Agrawal, Ahluwalia & Chauhan

Eimeria aurei 1981 with Agrawal, Ahluwalia & Chauhan

Eimeria bazi 1970 with Chauhan

Eimeria cheetali 1968

Eimeria dawari 1973 with Chauhan, Arora & Agrawal

Eimeria mayurai 1966 with Pande

Eimeria mrigai 1972 with Pande, Chauhan & Arora

Eimeria pictus 1968

Eimeria ramgai 1970 with Pande, Chauhan & Garg

Eimeria sardari 1973 with Agrawal, Chauhan & Arora

Eimeria teetari 1966 with Pandey & Pande

Eimeria tragocamelis 1968

Eimeria varani 1972 with Chauhan

Hoareosporidium pellerdyi 1972 with Pande & Chauhan

Isospora cheeli 1970 with Garg & Pande

Isospora graculai 1973 with Chauhan, Arora & Agrawal

Isospora hippopotami 1981 with Agrawal, Ahluwalia & Chauhan

Isospora leopardi 1981 with Agrawal, Ahluwalia & Chauhan

Isospora melopsittaci 1973 with Chauhan, Arora & Agrawal

Isospora melopsittacusi 1973 with Chauhan, Arora & Agrawal

Isospora mohini 1981 with Agrawal, Ahluwalia & Chauhan

Isospora pantheri 1981 with Agrawal, Ahluwalia & Chauhan

Isospora pycnonotusi 1973 with Chauhan, Arora & Agrawal

Isospora ursi 1981 with Agrawal, Ahluwalia & Chauhan

Sarcocystis cheeli 1970 with Pande & Garg

Tyzzeria perdyi 1966 with Pande

Wenyonella anatis 1966 with Pande & Srivastava

Wenyonella vellardyi 1966 with Pande

Nematoda

Platocamallanus attui 1963 with Pande & Rai

Procamallanus mathurai 1963 with Pande & Rai

Briquet family

August 19, 2024

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

Raul Carlos Briquet, Brazilian obstetrician (Limeira, São Paulo State 08 February 1887 – São Paulo 05 September 1953)

From French ancestry

Contributions

First to employ sulphonamide in puerperal infections

Infecção puerperal anaeróbica produzida especialmente pelo *Clostridium welchii*. Anais Fac. Med. Univ. São Paulo 12(3):427-42, 1936

Tratamento moderno da infecção puerperal (1940)

First to study the Abderhalden test

Diagnostico da gravidez pela dialyse-reacção de Abderhalden (1914)

Some bibliography

O problema de choque. Obst. Ginec. Latino-Am. 10(1-2), 1952

Sobre um caso de coréia gravídica tratada pelo ACTH. Rev. Hosp. Clin. 7:308, 1952

Novos conceitos sobre o problema do choque. Rev. Gyn. et d'Obst. 1:5, 1947

Asfixia do recém-nascido (1945)

El shock obstetrico. El Dia Medico 14:269, 1942

Coração e gravidez. Arch. Clin. Obst. Ginec. Eliseo Cantón 1:17, 1942

Do alcoolismo na gravidez. Arch. Paul. Hyg. Mental (1930)

Hemorragia do terceiro e quarto estágio do parto

Psychophysiology e Pathologia Musicaes. Thesis, Fac. Med. Rio de Janeiro (1911)

Raul Briquet Junior

His son, Raul Briquet Jr., zootechnist and geneticist (São Paulo 15 March 1918 – Itaguaí, Rio de Janeiro State 20 October 1971)

Contributions

Established two methods for adjusting milk production (1967)

General formula for the maximum heterozygosis of a population of multiple allelic system. Rev. Bras. Biol. 29:447-9, 1969

Bibliography

Coeficiente de parentesco e de endogamia. *Agronomia* 27(3-4):70-7, 1969

A questão das fêmeas provadas. *Veterinaria* 21 (Special Number):16-7, 1968

O conceito de heritabilidade. *Veterinaria* 66:79, 1967

As raças autosexáveis. *Veterinaria* 66, 1967

Heritabilidade da produção de leite. *Rev. Med. Vet.* 1:109, 1965

Deteção dos portadores de gens indesejáveis. *Agronomia* 21 (1-2):20-6, 1963

O coeficiente de dominância na equação de seleção e algumas considerações gerais. *Arq. Esc. Vet.* 14:251, 1962

Condições ambientes dos testes de “performance”. *Rev. Agric.* 36(4):237-41, 1961

Bio-sociologia da longevidade. *J. Bras. Med.* 2(5):583-98, 1960

Genética da pelagem do cavalo (*Equus caballus*). Com comentários sobre outros animais (1959)

With O.B. Menezes. Os grupos sanguíneos em zootecnia. *Agronomia* (1959)

Algumas pesquisas da associação de sinais na pelagem equina. *Publ. Inst. Zootec.* 25 (1959)

A questão da colchicina em animais domésticos. *Agronomia* (1958)

A epilepsia e as clínicas genéticas. *J. Bras. Psiqu.* 6:42-58, 1957

With J.F. de Faria. Considerações sobre as mitoses atípicas. *Bol. Insem. Artificial* 8-9, 1956

O fator genético na teratogênese. *An. Brasil. Ginecol.* 38(3):143-66, 1954

Um problema de importância para a avicultura: maior produção de fêmeas. *A Lavoura* LVII:26, 1953

Importance of mineral salts in the fertility of herds. *Rev. Agric.* 27:131-2, 1952

Sobre os chamados híbridos vegetativos. *Agronomia* 2(3-4):293-7, 1952

Nota sobre algumas medidas de eugenia. *Arq. Clin.* 10:156, 1950

With J. de Abreu. Sobre o período de gestação das raças zebuínas, Raça Guzerá. *Rev. Agr.* 23:219, 1948

Heritability of amount of spotting in Holstein Friesian cattle. *J. Hered.* 38:99-105, 1947

Hereditariedade holandrica no homem. *Bras. Med.* 61:49-50, 1947

Delimitação do valor da genealogia (pedigree). *Veterinaria* 1-2:17, 1947

Cruzamento em suinocultura. *Agronomia* 6:126-8, 1947

With J.A.C. Vianna. Sobre a identificação precoce do sexo em pintos Rhode Island. *Rev. Agric.* 21:99, 1946

Heritabilidade de pelagem em gado holandês. *Rev. Agric.* 21 (9-10), 1946

Grau de heritabilidade: conceito, medida e importância. *Rev. Agric.* 21 (1-2):19, 1946

Desenvolvimento da noção de consanguinidade dos animais. *Ceres* 8-9:165, 1945 & *Arq. Esc. Sup. Veter. Univ. Rural Estad. Minas Gerais* 2:109-20, 1949

Correlação entre pelagem, quantidade e qualidade de leite. *Ceres* 6(35):327-31, 1945

Palácias em genética. *Ceres* 5:302-12, 1944

Sexo e hereditariedade ligada aos cromossomos sexuais. *Arq. Esc. Sup. Veter. Estado Minas Gerais* 1-2:173, 1943

Bioluminescência. *Ceres* 3:272-99, 1942

Do fator genético no mongoloidismo

A propósito da heritabilidade e dos modelos teóricos quantitativos

Brother Alain

February 25, 2024

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

Henri Eugene Alain Liogier (brother Alain), French botanist in Caribbean lands (Chomelix 31 January 1916 – Fort Worth, Texas 09 November 2009)

DESCRIBED PLANTAE TAXA

Genera

Anacaona 1980 (Cucurbitaceae)

Caribea 1960 (Nyctaginaceae)

Casabitoa 1980 (Simarubaceae)

Cubacroton 1960

Ximeniopsis 1980 (Olacaceae)

Species

About 390 species from Cuba, Dominican Republic and Puerto Rico

brother Leon

March 6, 2024

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

Joseph Sylvestre Sauget (Brother Leon), French-born Cuban botanist and father (Arbois, Jura 31 December 1871 – La Habana 20 November 1955)

Described 100 plant species and 28 varieties

HONORS

Doctor Honoris Causa, University of Columbia (1927)

Genus *Saugetia* Hitchcock & Chase 1917 (Poaceae)

brother Niceforo Maria

April 9, 2024

[Bibliography](https://neglectedscience.com/category/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 & Elba Baldis

February 26, 2024

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

Bruno Alberto Juan Baldis Pollacino, Argentine geologist and paleontologist (Buenos Aires 27 March 1937 – San Juan 28 May 1997)

DESCRIBED FOSSIL GENERA

Argentinites 1975 with Rossi de Garcia

Argentobolbina 1975 with Rossi de Garcia

Argentopyge 1972

Australomyttonia 1995 with Pothe de Baldis

Australops 1972

Bancroftolithus 1995 with Pothe de Baldis

Belobeyrichia 1977 with Rossi de Garcia

Cordobesia 1977 with Pothe de Baldis

Dillobellopsis 1975 with Rossi de Garcia

Downiea 1975 with Pothe de Baldis

Guaranites 1980 with Hansen

Guayakinites 1980 with Hansen

Harringtonacaste 1978 with Blasco

Helieranella 1984 with Gonzalez & Perez

Hunickenolithus 1995 with Pothe de Baldis

Jujuyops 1978 with Blasco

Kainisiliellina 1987 with Gonzalez

Kloedellopleura 1975 with Rossi de Garcia

Makaspis 1980 with Hansen

Malimanaspis 1979 with Longobucco

Platibolba 1972 with Rossi de Garcia

Pliomeridius 1975 with Leanza

Protoincaia 1995 with Pothe de Baldis

Punillaspis 1979 with Longobucco

Raphioampyx 1995 with Pothe de Baldis

Rinconaspis 1981 with Gonzalez

Saharifusa 1997 with Pothe de Baldis

Sulcocalymene 1995 with Pothe de Baldis

Tafnaspis 1975 with Leanza

Zaplaops 1978 with Blasco

HONORS

Baldiscella Rossi de Garcia 1975 (Fossil Ostracoda)

Brunaspis Popp 1985 (Trilobite)

His wife Elba Diana Pothe de Baldis, micropaleontologist described about 80 fossil species in Acritarcha, Algae, Dinoflagellata, Sporae and Chitinozoa

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. Syngamiosis: 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

Elaeocarpoxyton sloaneoides 1972

Euxylophoroxylon chiquichanensis 1972

Goeppertella herbstii 1982 with Arrondo

Lycopodiopsis millanii 1979 with Arrondo

Medullopitys menendezii 1983

Menucoa cazauii 1969

Podocarpoxyton mazzonii 1972

Rhizophoroxylon spallettii 1972

Umkomasia speciosa

Weinmannioxylon multiperforatum 1972

Weinmannioxylon pluriradiatum 1972

HONORS (Fossil Plantae)

Petriella 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 coli-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)

Buddhadeb Biswas

February 26, 2024

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

Buddhadeb Biswas, Indian geologist, stratigrapher and micropalaeontologist (fl.1954–99)

DESCRIBED PALYNOLOGICAL GENERA

Alismataceapites 1962

Birbalipites 1962

Caryophyllaceapites 1962

Cushmanipites 1962

Dorreenipites 1962

Erdtmanipites 1962

Gentianaceaeformis 1962

Grevilloideapites 1962

Knoxipites 1962

Lemnaceapites 1962

Medlicottipites 1962

Monsteroideapites 1962

Oldhamisporites 1962

Paleoaraliaceapites 1962

Paleocaesalpiniaceapites 1962

Paleoficus 1962

Paleorubiaceapites 1962

Paleosantalaceapites 1970

Palmaepites 1962

Papaveraceapites 1962

Polyforipites 1962

Polypodiceasporites 1962

Potamogetonocaeapites 1962

Rhamneapites 1962

Santalaceapites 1962

Sapindaceapites 1962

Triporipites 1962

Ulmaceapites 1962

Umbelliferaepites 1962

Wadiapites 1962

HONORS

Biswasiaspora Kar & Saxena 1981 (Fossil Sporae)

Buenaventura Suarez

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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

Bulent Agrali

February 25, 2024

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

Bulent Agrali, Turkish geologist and palynologist (fl.1963–2012)

DESCRIBED FOSSIL POLLEN / SPORAE TAXA

Genera

Akyolispores 1969

Artuzispores 1969

Bellisporites 1965

Cadiosporites 1967 with Akyol

Egemenisporites 1969

Ergonulisporites 1969

Guthoerlipollenites 1965

Heliosaccipollenites 1967 with Akyol

Kyrtomisporites 1967 with Akyol

Lunatipollenites 1967 with Akyol

Microlagenoisporites 1964

Okayisporites 1969

Pekmezcileripollenites 1969

Perisaccipollenites 1965

Potoniepollenites 1965

Rhizomapollenites 1967 with Akyol

Spinospollenites 1969

Stenozonisporites 1965

Tokaysporites 1969

Yahsimanisporites 1969

Species

Over 140

Byung Hoon Lee

March 6, 2024

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

Byung Hoon Lee, South Korean entomologist (fl.1973)

DESCRIBED NEW COLLEMBOLA TAXA (may be incomplete)

Family

Gulgastruridae 1998 with Thibaud

Genera

Caputanurina 1983

Tetraloba 1983

Species

Allonychiurus mariangeae 1994 with Thibaud

Anurophorus ganghwaiensis 1977

Bionychiurus oblongatus 1986 with Park

Callyntrura alpina 1999 with Rojanavongse

Callyntrura capitata 1999 with Rojanavongse

Callyntrura distincta 1999 with Rojanavongse

Callyntrura nigra 1999 with Rojanavongse

Caputanurina nana 1983

Caputanurina serrata 1983

Ceratophysella dolsana 1995 with Kim

Crossodonthina delamarei 1973

Crossodonthina montana 1990 with Kim

Deuteraphora gangjinensis 1995 with Kim

Deuterosmithurus serratus 2007 with Kang & Park

Entomobrya aquatica 2000 with Kim

Entomobrya jirisana 1984 with Park

Entomobrya minuta 1984 with Park

Entomobrya monopunctata 1984 with Park

Entomobrya nana 1992 with Park

Entomobrya quadrata 1984 with Park

Entomobrya vigintisetata 1984 with Park

Folsomia bidentata 1974

Folsomia hexasetosa 1977

Folsomia minuta 1994 with Kim

Friesea rosea 2000 with Kim

Grananurida koreana 1984 with Lee

Grananurida minuta 2000 with Lee

Homidia bilineata 1984 with Park

Homidia grisea 1981 with Park
Homidia heugsanica 1984 with Park
Homidia koreana 1981 with Park
Homidia mediaseta 1981 with Park
Homidia minuta 1995 with Kim
Homidia nigra 1981 with Lee
Homidia vigintiseta 1984 with Park
Hypogastrura laxasensillata 1974
Hypogastrura liguladorsi 1974
Hypogastrura longimucrona 1979 with Choe
Hypogastrura ramia 1979 with Choe
Hypogastrura sinetertiaseta 1974
Hypogastrura yongmuensis 1974
Isotoma agrana 1993 with Kim
Isotoma choi 1977
Isotoma grana 1993 with Kim
Isotoma setinornata 1977
Isotoma setispinosa 1977
Isotomurus griseus 1993 with Kim
Isotomurus mankyungensis 2000 with Kim
Isotomurus myohyangsanus 1993 with Kim
Lepidocyrtus koreanus 1995 with Kim
Lobella daeana 1982
Lobella minuta 1980
Lobella nana 1990 with Kim
Micranurida grana 1984 with Kim
Micranurida montana 1984 with Kim
Micranurida tuberculata 1984 with Kim
Monodontocerus odongnyeoensis 1995 with Park
Neanura binatuber 1974
Neanura granatuberis 1974
Neanura kentingensis 1990 with Kim
Neanura namhaiensis 1974
Odontocerus biwuensis 1974
Onychiurus donjiensis 1994 with Kim
Onychiurus gangjinensis 1995 with Kim
Onychiurus jindoensis 1994 with Kim
Onychiurus kimi 1973
Onychiurus mediaseta 1974
Onychiurus polychaetosus 1986 with Park
Onychiurus pseudocellitriadis 1974

Onychiurus seolagensis 1974

Onychiurus shinbugensis 1973

Paranura rosea 1984 with Kim

Paranura tridentata 1984 with Kim

Plutomurus vigintiferispirina 1974

Pseudachorutes conicus 1984 with Kim

Pseudachorutes jeonjuensis 1984 with Kim

Pseudonurida longisetosa 1994 with Kim

Ptenothrix plumiseta 2007 with Kang & Park

Sminthurus annulatus 2007 with Kang & Park

Sminthurus distinctus 2007 with Kang & Park

Tetraloba seolangensis 1983

Thalassophorura kwona 1994 with Thibaud

Tomocerus caputiviolaceus 1975

Tomocerus denticulus 1975

Tomocerus deongyuensis 1975

Tomocerus laxalamella 1975

Tomocerus spinistriatus 1975

Tomocerus deogyuensis 1975

Vitronura namhaensis 1974

Vitronura tuberculata 1990 with Kim

Willemia koreana 1994 with Thibaud

Womersleya formosana 1990 with Kim

Xenylla convexopyga 2005 with Park & Park

Xenylla dotata 2005 with Park & Park

Xenylla longistriata 2005 with Park & Park

Xenylla marina 2005 with Park & Park

Others (Protura)

Species (with Rim 1988)

Filientomon bipartitei

Filientomon imadatei

HONOURS (Collembola)

Leenurina Najt & Weiner 1992

Leeonychiurus Sun & Arbea 2014

C. Bernard Lewis

March 6, 2024

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

Charles Bernard Lewis, US-born Jamaican zoologist (Worcester, Massachusetts 09 April 1913 – Tampa, Florida 24 September 1992)

Interested in history, geology, archeology and art

Collected new taxa of insects, mollusks and plants from Jamaica, Cayman Islands and southern Cuba

SOME BIBLIOGRAPHY

With C. Grant. Herpetology of the Cayman Islands (1940)

With C. Grant & W.G. Lynn. The Herpetology of Jamaica (1940)

The Cayman Islands and marine turtle. Bull. Inst. Jam. Sci. Ser. 2:56-65, 1940

The frogs of the Clydesdale region. Notes Nat. Hist. Soc. Jamaica 1:10-2, 1941

Frog eggs. Notes Nat. Hist. Soc. Jamaica 2:35, 1943

With G.D.H. Carpenter. A collection of Lepidoptera (Rhopalocera) from the Cayman Islands. Ann. Carnegie Museum 29:371-96, 1943

Notes on trees of Portland Ridge. Notes Nat. Hist. Soc. Jamaica 2:14-7, 1943

Notes on *Cyclura*. Herpetologica 2:93-8, 1944

Some discoveries in Jamaica (1944)

With C. Swabey. Forestry in Cayman Island (1946)

The West Indian seal. Notes Nat. Hist. Soc. Jamaica 43:169-72, 1948

Whales in Jamaican waters. Notes Nat. Hist. Soc. Jamaica 65:75, 1954

Caspian Terns in Jamaica. Auk 78:264-5, 1961

HONORS

Lewispeira Levi 1993 (Arachnida)

C.R. Narayan Rao

April 23, 2024

[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

Sphaerotherca 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](#) 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 20th 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

Camargo family

February 26, 2024

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

Theodore Leite de Almeida Camargo, Brazilian pedologist and agricultural chemist (São Carlos, São Paulo State 22 September 1880 – São Paulo 05 May 1958)

Authored works with great repercussion in the country and abroad

Proposed a recipe for manuring orangeries

Developed Theodore Camargo method for dosage of nitrogen of caffeine and mono and diaminate acids (1921)

With pomologist João Herrmann first to designate soybean as green fertilizer for depleted lands (1930)

Proposed a method for determining NaOH or KOH in titrated liquids

With R. Hottinger. Determinação da soda ou potassa nos líquidos titulados. Rev. Soc. Cient. S. Paulo 2(9-10):129-32, 1907

SOME BIBLIOGRAPHY

With P. Vageler. O solo na sua concepção moderna. Bol. Tec. IAC 49(3):30, 1938

With C.A. Krug. Experiências sobre a adubação da batata. Bol. Tecn. Inst. Agron. Campinas 16:1-36, 1937

Physiologia vegetal: influência da relação K/N no desenvolvimento do cafeeiro durante o primeiro período de vegetação (1937)

With P. Vageler. Probleme der tropischen und subtropischen Bodenkunde. Bodenk. u. Pflanzenernahr 49(4):137-61, 1937

With P.C. Mello. O papel do cálcio na conservação do poder absorvente do solo. Bol. Tecn. IAC 13:1-12, 1937

With K. Endell & P. Vageler. O papel do húmus nos solos tropicais e subtropicais, na base de estudos roentgenographicos das suas argilas (1937)

With P. Vageler. Analyses dos solos. Bol. Tecn. IAC (1936)

With R. Bolliger & P. Correa de Mello. Sur l'influence de la concentration en ions hydrogene du milieu de culture sur le développement du caféier (*Coffea arabica* L.). Compt. Rend. Hebd. Seances 188:878-80, 1935

With R. Bolliger. Influência do pH do solo sobre a porcentagem de assucar na canna. Bol. Tecnico IAC 8(3-4), 1934

With P.C. Mello. Influence of eight years successive fertilizing with concentrated potassium salts and with kainit on the replaceable bases of the "terra roxa" soil, Brazil. Soil Science 37:167-78, 1934

Sobre o cansaço das terras roxas. Bol. Agric. (1929)

With P.C. Mello. Estudo comparativo sobre estado de saturação e bases substituíveis nas terras roxas virgens e cultivadas com cafeeiro há cerca de 30 anos (1928)

With J. Herrmann. Contribuição para o estudo da adubação verde das terras roxas cansadas. Bol. Tecn. IAC 1 (1928)

O mosaico (1926)

Contribuição para o estudo das transformações químicas sofridas pelas folhas do cafeeiro mortas pela geada (1921)

Cultura racional da batata (1914)

With R. Cruz Martins. A adubação do algodoeiro em terras roxas

With J. Herrmann. Experiências com diversas formas de adubos fosfatados

Determinação da cor do solo

OFFICES

Minister of Agriculture (1945-6) and acting Minister of Justice (1946)

His son, Hélio Ferraz de Almeida Camargo, Brazilian arachnologist and ornithologist (Piracicaba, São Paulo State 06 June 1922 – São Paulo 14 July 2006)

DESCRIBED NEW TAXA

Arachnida

Genera

- Capichameta* 1955
- Chirabicirculigera* 1948 with Soares
- Leitanoctenus* 1948
- Paralophostica* 1948
- Sickius* 1948 with Soares
- Wulfilopsis* 1955 with Soares

Species

90

Aves

Valid Species

- Amazona kawalli* 1989 with Grantsau

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)

Camilo Meyer

April 3, 2024

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

Camilo Meyer, French-born Argentine physicist and mathematician (Verdun 27 May 1854 – Buenos Aires 09 May 1918)

Generalización al espacio de N dimensiones de algunas propiedades de la función potencial. Rev. Centro Estud. Ingen. 141 (1914)

Obtained a simple formula for computing the specific heat capacity of bodies

Los calores atomicos en los cuerpos solidos y la teoria de los "Quanta". Rev. Centro Estud. Ingen. 142 & 143 (1914) & Anales Soc. Cient. Argentina 86:49-84, 1918

Obtained an exponential equation for chemical kinetic of atoms analogue to that of Marcellin

La teoria cinetica de los gases aplicada a la unión de dos atomos. Anales Soc. Cient. Argentina (1914)

Showed that the electrical balance on a surface of an insulated conductor is always possible

El equilibrio electrico sobre un conductor y el principio de Dirichlet. Rev. Centro Estud. Ingen. 158 (1915)

A new theory about friction

Estudio teorico del frotamiento. Rev. Centro Estud. Ingen. 162, 163 & 164 (1916)

Desarrollo de una función arbitraria en serie trigonometrica. Rev. Centro Estud. Ingen. 165 (1916)

Candido Bolivar y Pieltaín

February 26, 2024

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

Candido Luis Bolívar y Pieltaín, Spanish/Mexican entomologist and speleologist (Madrid 15 April 1897 – Ciudad de Mexico 22 November 1976)

Son of world-famous Spanish entomologist Ignacio Bolívar y Urrutia and son-in-law of Spanish surgeon José Goyanes Capdevila

GENERA DESCRIBED

Orthoptera

Balsasia 1942

Borneacris 1944

Burrinia 1930

Calliphonides 1940

Chescirtypus 1930

Ebneridia 1930

Gomerina 1940

Karnydia 1930

Kirbyita 1916

Manowia 1914

Meltripata 1923

Noliba 1922

Odontomastax 1944

Paedomastax 1930

Palaciosia 1930

Piezomastax 1914

Schulthessiella 1914

Seyrigacris 1932

Thericlella 1914

Tuberomastax 1944

Uvarovia 1930

Coleoptera

Albridarollia 1963 with Jimenez Asua & Martínez

Escalerina 1926

Hygroduvalius 1941

Iberoxenos 1926

Mexaphaenops 1943

Pseudoplatyderus 1940

Spelaeorhadine 1944

Trichocalathus 1940

Hymenoptera

Mercetina 1934

Crustacea

Speocirolana 1950

HONORS

Candidosia Collado & Alonso-Zarazaga 1996 (Coleoptera)

Bolivaresmus Chamberlin 1942 (Myriapoda)

Bolivaridia Bonet 1942 (Protura)

Pieltafellus Pelaez 1970 (Hemiptera)

Pieltafellianthus Descamps 1975 (Orthoptera)

Pieltafellidia Ramme 1925 (Orthoptera)

Candido Borges Monteiro

April 3, 2024

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

Candido Borges Monteiro, viscount of Itauna, Brazilian surgeon and nobleman (Rio de Janeiro 12 October 1812 – Rio de Janeiro 25 August 1872)

Performed the fourth abdominal aortic ligature in the world (1842) with international repercussion. In this work conceived a new kind of needleholder

Abdominal Aorta Tied. Lancet 1:334, 1842-3

Memoria acerca da ligadura da artéria aorta abdominal, precedida de algumas considerações gerais sobre a operação do aneurisma e seguida de uma estampa litographada, que representam um novo porta-fio e sua posição durante a operação (1845)

SOME BIBLIOGRAPHY

Considerações gerais sobre hérnias abdominais e da hérnia inguinal em particular (1833)

Da amputação circular pela continuidade da coxa. Dos meios empregados para vedar a hemorragia e maneira de fazer o curativo (1838)

Torção das artérias (1838)

Memória acerca do diagnostico dos cálculos vesicais. Ann. Bras. Med. 2, 1845

Febre amarela

Resumo estatístico da clinica cirúrgica

GOVERNMENT OFFICES

President, Municipal Chamber of Rio de Janeiro (1851-2)

President, São Paulo Province (1868-9)

Candido Firmino de Mello-Leitão

April 3, 2024

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

Candido Firmino de Mello-Leitão, Brazilian zoologist (Campina Grande, Paraíba State 17 July 1886 – Rio de Janeiro 14 December 1948)

Worldwide recognized as one of the greatest arachnologists of his day

Authored 212 scientific papers, 117 popular papers, 15 medical papers and 18 popular books

DESCRIBED NEW TAXA

Arachnida

Genera

At least 416

Species

Over 450

Orthoptera

Genera

Anchocoema 1939

Cephaloscopia 1939

Dasylistroscelis 1940

Epsigrypa 1939

Isocarliella 1940

Nemoricultrix 1940

Coelenterata

Species

Cerianthus brasiliensis 1919

Amphibia

Genus

Fritziana 1937

HONORS

Melloleitanius A. Mello Leitão 1955 (Pantopoda)

Melloa Roewer 1930 (Arachnida)

Melloina Brignoli 1985 (Arachnida)

Melloleitaoina Pikelin & Schiapelli 1960 (Arachnida)

Melloicosa Roewer 1954 (Arachnida)

Subgenus *Melloiella* De Carlo 1935 (Hemiptera)

Eponym of Mello Leitao cardiorenal type (visceral polysteathosis) described in Da polisteatose visceral (1908)

Candido Lima da Silva Dias

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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 Macasaet Africa

February 25, 2024

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

Candido Macasaet Africa, Philippine parasitologist and tropical physician (Lipa, Batangas 02 October 1895 – Manila 12 February 1945)

Published 69 scientific papers

ACHIEVEMENTS

He was the first in the world to describe and report cases of heterophyidiasis in human heart

First report of *Cheilospirura hamulosa* parasitizing the man

With E. Y. Garcia. A new nematode parasite (*Cheilospirura* sp.) in the eye of man in the Philippines. J. Phil. Is. Med. Assoc. 16:603-7, 1936

DESCRIBED HELMINTH TAXA

Genus

Heterophyopsis 1938 with Tubangui

Species

Candidotrema loossi 1930

Carneophallus brevicæca 1935 with Garcia

Haplorchis vanissimus 1938

Heterophyopsis expectans 1938 with Tubangui

Plagiorchis philippinensis 1937

Procerovum calderoni 1935 with Garcia

Stictodora manilensis 1935 with Garcia

SOME BIBLIOGRAPHY

With E.Y. Garcia & W. de Leon. Visceral Complications in Intestinal Heterophyidiasis of Man. Acta Med. Philipp. (1940)

An attempt to elucidate the filtration of eggs of certain heterophyid trematodes into the general circulation (1938)

With W. de Leon. Observations on the mechanism of phagocytosis of various helminth ova (1938)

With P.G. Refuerzo & E.Y. Garcia. Observations on the life cycle of *Gnathostoma spinigerum*. Philipp. J. Science 59:513-23, 1936

With P.G. Refuerzo & E.Y. Garcia. Further observations on the life cycle of *Gnathostoma spinigerum*. Philipp. J. Science 61:221-5, 1936

The Occurrence of *Bertiella* in Man, Monkey and Dog in Philippines (1935)

Three Cases of Insect Bites involving *Triatoma Rubrofasciata* (1934)

An arthropod associated with chronic dermatitis involving the face (1933)

Studies on the host relations to *Nippostrongylus muris* with special reference to age resistance and acquired immunity. J. Parasit. 18:1-13, 1931

With E.Y. Garcia. Embryonated eggs of *Ascaris lumbricoides* in mesenteric tissue of man with special reference to possibility of autoinfection

With J.Z. Santa Cruz. Preliminary Reports in Cysticercous Cellulose in Man. J. P. M. A. 7:209-15, 1927

Notes on Malaria

Certain Developmental Stages of *Ascaris lumbricoides* ova in live tissue

HONORS

Candidotrema Dollfus 1951 (Trematoda)

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 sifilíticos (signo diagnostico y pronostico)

SOME BIBLIOGRAPHY

Sífilis pulmonar. *La Semana Medica* (1916)

La tuberculosis febril y la tuberculina. *Semana Medica* 2:377, 1917

Síndrome esplenico-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 con desviación del eje eléctrico a izquierda. *Rev. Arg. Cardiol.* (1943-4)

With A. Vazquez. Sífilis pulmonar asmatiforme. *Arch. Urug. Med. Cir. Espec.* 7:377, 1945

Candido Simões Ferreira

February 28, 2024

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

Candido Simões Ferreira, Brazilian paleontologist and stratigrapher (Ponte Nova, Minas Gerais State 19 March 1921 – Rio de Janeiro 23 September 2013)

DESCRIBED FOSSIL SPECIES

Vertebrates

Ceratodus brasiliensis 1980 with Souza Cunha (Pisces)

Mollusca

Anadara egleri 1964

Bittium praevarum 1970

Chlamys capanamensis 1960

Chlamys coopericellus 1960

Chlamys japericensis 1960

Chlamys tetristriata 1960

Crassinella erichseni 1969

Leptopecten pirabensis 1960

Ostrea zomerysi 1966 with Marchesini Santos

Pitar diminuta 1964

Potamides woodringi 1964

Turbinella tuberculata 1964

Xancus tuberculatus 1964

With Cunha

Astraea brasiliensis 1957

Atrina pirabensis 1959

Cymatium carlotae 1957

Cypraea macrovoluta 1957

Diodora fortalezensis 1957

Diodora siqueiirai 1957

Divaricella castelensis 1959

Modiolus domingosi 1959

Mytilus canoasensis vidali 1959

Strombus goeldii 1957

Turbinella amazoniana 1957

Turbinella mauryae 1957

Vasum kraatzi 1957

With Coelho

Austrodiscus lopesi 1989

Brachypodella britoi 1971

Bulimulus trindadeae 1971

Carychium sommeri 1971

Strobilops mauryae 1971

Vertigo mezzalirai 1971

With Klein (1979)

Acesta maranhensis

Brachidontes eoexustus

Neithea nana

HONORS

Candidodon Carvalho & Campos 1988 (Fossil Reptilia)

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)

Carl Curt Hosseus

February 29, 2024

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

Carl Curt Hosseus, German-born Argentine botanist and mycologist (Stromberg im Thale, Hunsruck Pfalz 11 August 1878 – Cordoba 04 May 1950)

DESCRIBED PLANTAE TAXA

Species

Aeschynanthus macrocalyx 1907

Astragalus tafelii 1938

Bauhinia harmsiana 1907

Begonia mouhotiana 1911

Berberis argentinensis 1921

Buddleja iresinoides 1926

Cassia kuntzei 1921

Ceratostigma stapfianum 1911

Croton hutchinsonianus 1911

Echinocactus bodenbenderianus 1929

Escallonia graefiana 1921

Escallonia tucumanensis 1921

Exacum sutaepense 1908

Gentiana hesseliana 1911

Geum scottsbergianum 1921

Gymnocalycium centeterium 1926

Gymnocalycium ottonis 1926

Gymnocalycium sigelianum 1926

Helicia hookeriana 1913

Hexaptera kurtzii 1921

Hoffmannseggia philippiana 1921

Hoya engleriana 1907

Indigofera siamensis 1907

Leucas lamioides 1911

Linderia bifaria 1911

Malacocarpus dusenii 1931

Mussaenda sutepensis 1911

Opuntia riojana 1936

Osbeckia ridleyana 1911

Patagonium philippianum 1921

Phyllatathodendron siamense 1911

Polygonum damrogianum 1911

Portulaca cordobensis 1921

Rhododendron ludwigianum 1911

Rhynchosia longipetiolata 1907

Richthofenia siamensis 1907

Rostkovia reichei 1915

Rubus volkensianus 1911

Senecio craibinnus 1911

Swertia dielsiana 1911

Varieties

23

HONORS

Hosseusia Gyełnik 1940 (Lichenes)

Hosseusia Prout 1931 (Lepidoptera)

Carl Peter Von Dietrich

February 27, 2024

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

Carl Peter Von Dietrich, Brazilian biochemist (São Paulo 23 November 1936 – São Paulo 01 February 2005)

Authored about 250 original works and held about 5,000 citations

ACHIEVEMENTS

Developed new methodologies for the separation and analysis of glycosaminoglycans

Unraveled new metabolic pathways involving glycosaminoglycans and proteoglycans

Identified and determined the characteristics of glycosaminoglycans

Proposed biological and pharmacological roles for glycosaminoglycans

Isolated and characterized more than 20 enzymes responsible for glycosaminoglycans degradation

Proposed the basic structure of heparin in With M.E. Silva & Y.M. Michelacci. Sequential degradation of heparin in *Flavobacterium heparinum*. Purification and properties of five enzymes involved in heparin degradation. *J. Biol. Chem.* 248: 6408-6846, 1973.

With H.B. Nader first to show that the biological role of heparin differs from pharmacological activity

With H.B. Nader first in the world to discover and prepare low molecular weight heparin (1974)

Distinguished clearly heparin from heparin sulfate showing that they play different biological and pharmacological roles

Proposed a new structure for heparin and heparitin sulfates

Characterized the mechanism of hemorrhagic action of heparin and its prevention in surgeries (found that ATP can dislodge heparin from lesion)

With H.B. Nader, H.V. Garcia Jr. & E. Buffolo proposed employing ATP as antihemorrhagic agent (1994)

A model for cell-cell recognition and control of cell growth mediated by sulfated glycosaminoglycans. *Braz. J. Med. Biol. Research* 17:5-15, 1984

With J.R.M. Martins & H.B. Nader proposed the diagnosis of cancer via analysis of urinary glycosaminoglycans (1993)

With H.B. Nader & L. Toma proposed differential diagnosis of mucopolysaccharidosis (1996)

Discovered a new mucopolysaccharidosis

Developed/ obtained new heparin-like and other antithrombotic drugs

First to detect the presence of glycosaminoglycans in invertebrate animals

Isolated and characterized enzymes from invertebrates

Isolated heparin-like compounds from marine invertebrates

With G.F. Medeiros & R.A.B. Castro showed that heparan sulfates and heparins perform the same functions in vertebrates and invertebrates (1999) and the widespread occurrence of heparin-like compounds in invertebrates (2000)

Showed the distribution and structural characteristics of sulfated polysaccharides in algae are specific and tissue specific

SYNDROMES

With P.A.S. Mourão, S.A.P. Toledo & H.B. Nader. Excretion of chondroitin sulfate C with low sulfate content by patients with generalized platyspondily (brachyolmia). *Biochem. Med.* 2:415-23, 1973

With S.A.P. Toledo, P.A.S. Mourão, C.M.F. Cassaro, C.A. Alves, L.M. Assis & E. Mattar. Recessively inherited, late onset, spondylar dysplasia and peripheral corneal opacity with anomalies in the urinary mucopolysaccharides. A possible error of chondroitin sulfate synthesis. *Amer. J. Med. Genetics* 2:385-95, 1978

METHODS

With W.O. Cruz, J.R. Magalhães & L. De Meis developed isolated rabbit ear method for hemostasis in vivo (1962)

With W.O. Cruz developed topical scarification in rat tail for studying hemostasis in vivo (1967)

With L.B. Jaques, R.E. Baillieux & L.W. Kawanagh. A microelectrophoresis method for heparin. *Canad.J. Physiol. Pharmacol.* 46:351-60, 1968

With S.M.C. Dietrich. Simple micromethod for the identification of acid mucopolysaccharides of mammalian origin. Anal. Biochem. 46:209-15, 1972

With P. Bianchini, H.B. Nader, H.K. Takahashi, B. Osima & A.H. Straus. Fractionation and identification of heparin and other acidic mucopolysaccharides by a new discontinuous electrophoretic method. J. Chromatography 196:455-62, 1980

With H.K. Takahashi & H.B. Nader. A method for the rapid quantitation and preparation of antithrombin III – high affinity heparin fractions. Anal. Biochem. 116:456-61, 1981

With J.R.M. Martins, C.C. Passerotti, R.M.B. Maciel, L.O. Sampaio & H.B. Nader. Practical determination of hyaluronan by a new non-competitive fluorescence-based assay on serum of normal and cirrhotic patients. Anal. Biochem. 319:65-72, 2003

Continuous sephadex gel electrophoresis fractionation of proteins and mucopolysaccharides. Anal. Biochem. 51:345-53, 1973

INVENTION

With L.O. Sampaio, H.B. Nader & J.R.M. Martins a biochemical method for detection and tracking of neoplasias (1994)

HONOURS

Dietrich's hyaluronidase, an enzyme from spider *Loxosceles intermedia* venom

Carl Wilhelm Moesta

April 3, 2024

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

Carl Wilhelm Moesta, German-born Chilean astronomer (Zierenberg, Hessen, Prussia 21 August 1825 – Dresden 02 April 1884)

Discovered a comet independently from Ellery (Australia) and McLearn (South Africa) comet C/1865B1

Honored in 9334 Moesta asteroid

Carlos & Mercedes Jaschek

March 1, 2024

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

Karl Otto Rudiger Jaschek, German-born Argentine / French astrophysicist (Brzeg, today Poland 02 March 1926 – Salamanca, Spain 12 April 1999)

His wife, Mercedes Isabel Corvalán de Jaschek, Argentine / French stellar spectroscopist (Buenos Aires 13 April 1926 – Salamanca, Spain 21 November 1995)

Authored about 250 publications and over 15 books

BOTH

Worked on the first classification schemes in the ultraviolet spectrum

With Y. Andriolat worked on determination of fundamental properties of Ae, Be and shell stars with near infrared data

Introduced the subgroup of Gallium stars in the general classification

Discovered Ap stars from Si group λ 4200 and Be stars (1962)

Identified the presence of rare earths in stars of Mn and SrCrEu groups

Discovered spectral subgroups and showed clearly its spectral features

Developed classification methodologies suited to each available spectral range

Obtained the first detections of high temperature stars with anomalous CNO contents

Authored two classical books Classification of Stars (1987) and The behavior of the chemical elements in stars (1995)

HONORS

Asteroid 2964 Jaschek (Carlos)

LINKS

<http://adsabs.harvard.edu/full/1997BAAA...41....1L> See <http://adsabs.harvard.edu/full/1997BAAA...41....1L>.

Carlos A. Marelli

April 3, 2024

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

Carlos Antonio Marelli Allevi, Argentine zoologist (18 October 1886 – La Plata 06 July 1967)

Authored Normas para la obtención bioestadística de las variaciones de los caracteres en diferentes especies vegetales. Rev. Soc. Argen. 29(318):201-338, 1926

Formulated relevant indices of variability for anthropological classifications and craneology

DESCRIBED ARTHROPODA TAXA

Genera

Dacnirotatus 1926 (Coleoptera)

Dipterolelaps 1926 (Acari)

Pitrufquenía 1932 (Mallophaga)

Species

Coleoptera

Dacnirotatus bruchi

Gonipterus platensis 1926

Platypus navarrodeandradei 1931

Hymenoptera

Encarsia gallardoi 1933

Telenomus albagniris 1952

Mallophaga

Pitrufquenía coypus 1932

Pitrufquenía mollis 1933

HONORS

Marellia Uvarov 1929 (Orthoptera)

Carlos Alberto & Gabriela Menendez

April 3, 2024

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

Carlos Alberto Menendez, Argentine paleobotanist and palynologist (Calamuchita, Cordoba Province 17 August 1921 – 31 August 1976)

Authored over 50 works

DESCRIBED FOSSIL TAXA

Sporae

Genera

Ancistrospora 1972 with Azcuy

Irmosporites 1969 with Azcuy

Species

80

Plantae

Genera

Alsophicaulis 1961

Sueria 1965

Species

Araliophyllum cachetamanense

Asterotheca hilariensis 1957

Cycadolepis coriacea 1966

Cycadolepis oblonga 1966

Cycadolepis lanceolata 1966

Cycadolepis involuta 1966

Dicroidium crassum

Dictyophyllum barrealensis with Stipanovic

Dictyophyllum castellanosi with Stipanovic

Dictyophyllum chihuihuensis

Dictyophyllum tenuifolium 1949 with Stipanovic

Dictyophyllum tenuiserratum

Dictyozamites crassinervis

Dictyozamites latifolius 1972

Dictyozamites minusculus

Equisetites quindecimdentata 1958

Hausmannia feltisiana with Stipanovic

Hymenophyllum priscum

Laurophyllum hickenii

Otozamites parviauriculata 1966

Paracacioxylon odonelli 1962

Protocircoporoxylon cortaderitaensis

Ptilophyllum longipinnatum

Ruprechtia castilloensis

Taeniopteris densinervis

Thyrsopteris antiqua 1966

Williamsonia bulbiformis

Williamsonia umbonata

Zamites decurrens

Zamites grandis 1972

Others (at least)

1 species in Acritarchs/Algae

4 species in Dinoflagellata

HONORS

Menendoxylon Lutz 1979 (Fossil Plantae)

His wife, Gabriela Gustava Haessel de Menendez, bryologist (Quilmes, Buenos Aires Province 15 October 1927 – Buenos Aires 04 July 2009)

Authored 91 works

DESCRIBED NEW TAXA

Hepaticae

Genera

Arctoscyphus 1992

Austrolembidium 1980

Crandaliella

Greeneothallus 1980

Perdusenina 1989

Pisanoa 1989

Tegulifolium 1973

Subgenera

Eurychiloscyphus 2001

Parachiloscyphus 2000

Section

Oppositifolion

Anthocerotophyta

Orders

Dendrocerotales 1988

Leiosporotales 1986

Family

Leiosporocerotaceae 1986

Subfamily

Phaeocerotoideae 1988

Genera

Leiosporoceros 1986

Paraphymatoceros 2006

Sphaerosporoceros 1988

HONORS

Haesselia Grolle & Gradstein 1988 (Hepaticae)

Carlos Alberto Campos Seabra

June 27, 2024

[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)

Seabracoris Carvalho 1988 (Hemiptera)

Carlosia Travassos & Kloss 1957 (Nematoda)

Subgenus *Ephuseabra* Casal 1968 (Hymenoptera)

Carlos Alberto Castaño

February 26, 2024

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

Carlos Alberto Castaño Bazterrica, Argentine gynecologist (Buenos Aires 26 December 1887 – Buenos Aires 1964)

CONCEPTS

Proposed the concept of uterine pseudo-fibroma

With A.J. Risolia named ovaripatic metrorrhagies in *Prensa Med. Arg* (1921)

Pointed out that gonorrhea may produce genuine syphilitic adnexitis

Syphilitic lesions in uterine adnexa. *Semana Medica* 25(44), 1918

Nuevo concepto etiopatogenico de los fibromiomas uterinos. *Bol. Inst. Clin. Quir. Univ. Buenos Aires* 1(2):35-9, 1925

Etiologie et pathogenie des fibromyomes uterins. Conception nouvelle. *Bull. Soc. Obst. Gyn. Paris* 3:174, 1926

SIGNS

Proposed Castaño sign or pudendal point (erotic pain) for pelvic varicocele

Signos exteriores de la pulsación cardiaca o choque de la punta. La pulsación cardiaca externa sistolica: demostración fisiologica, experimental (1908)

NEW OPERATIVE TECHNIQUES

Proposed the operation for radical cure of pelvic varicocele

Varicocele pelvico, su diagnostico y tratamiento: un nuevo procedimiento de curación radical. *Rev. Espan. Obst. Gynec.* (1921)

Pelvic varicocele: diagnosis and the treatment and a new operation for its radical cure. *Surgery Gyn. Obst.* 40(2):237, 1925

Proposed a surgery for treatment of sclerokystic ovaritis

With Anibal S. Introzzi. Nuevo procedimiento quirurgico para el tratamiento de la ovaritis escleroquistica. *Bol. Inst. Clin. Quir.* 5:265, 1929

Retroversion et ligamentopexie. *Technique personelle* (1933)

Carlos Alberto Gonçalves da Cruz

February 26, 2024

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

Carlos Alberto Gonçalves da Cruz, Brazilian herpetologist and ichthyologist (1944 –

DESCRIBED NEW TAXA

Amphibia

Genus

Phasmahyla 1990

Species

Aplastodiscus arildae 1987 with Peixoto

Aplastodiscus cavicola 1985 with Peixoto

Aplastodiscus flumineus 1985 with Peixoto

Aplastodiscus ibirapitinga 2003 with Pimenta & Silvano

Aplastodiscus leucopygius 1985 with Peixoto

Aplastodiscus lutzorum 2017 with Berneck, Giaretta, Brandão & Haddad

Aplastodiscus sibilatus 2003 with Pimenta & Silvano

Aplastodiscus weygoldtii 1987 with Peixoto

Boana bandeirantes 2013 with Caramaschi

Boana beckeri 2004 with Caramaschi

Boana botumirim 2009 with Caramaschi & Nascimento

Boana buriti 1999 with Caramaschi

Boana ericae 2000 with Caramaschi

Boana jaguariaivensis 2010 with Caramaschi & Segalla

Boana latistriata 2004 with Caramaschi

Boana phaeopleura 2000 with Caramaschi

Boana stenocephala 1999 with Caramaschi

Bokermannohyla gouveai 1992 with Peixoto

Brachycephalus pulex 2011 with Napoli, Caramaschi & Dias

Chiasmocleis alagoana 1999 with Caramaschi & Freire

Chiasmocleis altomontana 2017 with Forlani, Tonini, Zaher & Sá

Chiasmocleis atlantica 1997 with Caramaschi & Izecksohn

Chiasmocleis capixaba 1997 with Caramaschi & Izecksohn

Chiasmocleis jimi 2001 with Caramaschi

Chiasmocleis mantiqueira 2007 with Feio & Cassini

Chiasmocleis mehelyi 1997 with Caramaschi

Chiasmocleis migueli 2017 with Forlani, Tonini, Zaher & Sá

Chiasmocleis sapiranga 2007 with Caramaschi & Napoli

Chiasmocleis veracruz 2017 with Forlani, Tonini, Zaher & Sá

Crossodactylus franciscanus 2015 with Pimenta & Caramaschi

Crossodactylus timbuihy 2014 with Pimenta & Caramaschi
Crossodactylus weneri 2014 with Pimenta & Caramaschi
Dendrophryniscus krausae 2008 with Fusinato
Dendropsophus pseudomeridianus 2000 with Caramaschi & Dias
Hylomantis granulosa 1989
Melanophryniscus peritus 2011 with Caramaschi
Melanophryniscus simplex 2011 with Caramaschi
Melanophryniscus spectabilis 2011 with Caramaschi
Ololygon agilis 1983 with Peixoto
Ololygon skuki 2011 with Lima & Azevedo
Phasmahyla exilis 1980
Phasmahyla spectabilis 2008 with Feio & Nascimento
Phasmahyla timbo 2008 with Napoli & Fonseca
Phrynomedusa bokermanni 1991
Phrynomedusa marginata 1976 with Izecksohn
Phrynomedusa vanzolinii 1991
Proceratophrys aridus 2012 with Nunes & Juncá
Phyllodytes brevirostris 1988 with Peixoto
Phyllodytes kautskyi 1988 with Peixoto
Phyllodytes maculosus 2007 with Feio & Cardoso
Physalaemus camacan 2005 with Pimenta & Silvano
Physalaemus erikae 2004 with Pimenta
Physalaemus feioi 2010 with Cassini & Caramaschi
Physalaemus insperatus 2008 with Cassini & Caramaschi
Physalaemus irroratus 2007 with Nascimento & Feio
Physalaemus orophilus 2010 with Cassini & Caramaschi
Proceratophrys aridus 2012 with Nunes & Juncá
Proceratophrys caramaschii 2012 with Nunes & Juncá
Proceratophrys gladius 2014 Mangia, Santana & Feio
Proceratophrys itamari 2014 with Mangia, Santana & Feio
Proceratophrys mantiqueira 2014 with Mangia, Santana & Feio
Proceratophrys minuta 2011 with Napoli, Abreu & Del Grande
Proceratophrys paviotti 2005 with Prado & Izecksohn
Proceratophrys phyllostomus 1999 with Izecksohn & Peixoto
Proceratophrys pombali 2014 with Mangia, Santana & Feio
Proceratophrys sanctaritae 2010 with Napoli
Proceratophrys subguttata 1999 with Izecksohn & Peixoto
Pseudis tocantins 1998 with Caramaschi
Sphaenorhynchus canga 2015 with Araújo Vieira, Lacerda, Pezzuti & Assis
Stereocyclops palmipes 2012 with Salles & Caramaschi
Trachycephalus lepidus 2003 with Pombal & Haddad

Pisces

Species

Leptopanchax aureoguttatus 1974

Mucurilebias leitaoi 1992 with Peixoto

Ophthalmolebias bokermanni 1987 with Carvalho

Rachoviscus graciliceps 1981 with Weitzman

Xenurolebias izecksohni 1983

BRAZILIAN PATENT

Equipamento de descarga e medição rodoviário automático de combustível PI05031290 B1 (2005)

HONORS

Cruziohyla Faivovich, Haddad, Garcia, Frost, Campbell & Wheeler 2005 (Amphibia)

Cacruzia de Mello 1992 (Orthoptera)

Carlos Alberto O'Donell

April 9, 2024

[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 pennellii 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 Arnaldo Krug

March 2, 2024

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

Carlos Arnaldo Krug, Brazilian plant geneticist and agronomist (São Paulo 25 October 1906 – Campinas 06 February 1973)

From German ancestry

Authored about 100 works

With A.S. Costa described purple bud of White potato (1937)

With A. Carvalho. Genetical proof of existence of coffee endosperm. *Nature* 144 (3646):515, 1939

With A. Carvalho & J.E.T. Mendes found many new varieties of coffee plants

With A. Carvalho & J.E.T. Mendes performed the main researches concerning to coffee plant genetics in the world

With A.J.T. Mendes observed the occurrence of real and false polyembryonies in coffee plant

With G.P. Viegas developed hybrid maize being Brazil the second country in the world with hybrid maize from its own lineages after United States (1939) (Argentina is the second country to have a hybrid maize but your strains were from United States)

With G.P. Viegas & L. Paoleri developed maize hybrids IA300, IA1932 & IA1952

With O. Bachi determined the chromosome number of many species of *Citrus* sp.

Developed a method for hybridization of coffee plant

Hybridization of coffee. *J. Hered.* 26:325–30, 1935

Developed a method for calculating the mesh of grading sieves for different coffees

O Cálculo da “peneira media” nas seleções do cafeeiro. *Rev. Inst. Café* 26 (156):123–7, 1940

HONORS

Subgenus *Krugiphinema* Cohn & Sher 1972 (Nematoda)

LINKS

<http://www.dichistoriasaude.coc.fiocruz.br/iah/P/verbetes/krug.htm> (in Portuguese; bibliography)

Carlos Arthur Moncorvo de Figueiredo

April 3, 2024

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

Carlos Arthur Moncorvo de Figueiredo, Brazilian pediatrician (Rio de Janeiro 31 August 1846 -25 July 1901)

Authored over 80 works

Discovered Wurtz papaine independently (1879)

He would have reported the first case of nodose chronic rheumatism in children (1880)

Developed whooping cough treatment by resorcin (1883)

Developed a new diagnose technique employing the stomach dilatation of children (1885)

First used analgesic exalgine in chorea treatment

Sur un cas de chorée guéri par l'emploi de l'exalgin. Bull. Gener. Therap. (1890)

Described blennorrhagic rheumatism in children

Sur Le rhumatisme blennorrhagique. La Médecine Infantile (1894)

HONORS

Cited in Prix Montyon, Academie des Sciences de France (1884)

Prix Desportes, Academie de Medecine de Paris (1886)

World Columbian Commission Prize for his book Children's diseases and their remedies (1893)

His son, Carlos Arthur Moncorvo Filho, pediatrician (Rio de Janeiro 13 September 1871 – Rio de Janeiro 14 May 1944)

Authored over 300 works

CONTRIBUTIONS TO THERAPEUTICS

First to use citric acid on whooping cough

O acido cítrico na coqueluche (1893)

Discovered the haemostatic properties of asaprol and first to use it in child therapeutics

Da acção hemostática do asaprol (1894)

Contribution á l'étude de l'asaprol dans la therapeutique infantile (1895)

Proposed antiseptic iodine varnish and modified the basic formula of Steresol

Novos tratamentos antisépticos (1895)

First to use methylene blue and asaprol (1896) and ichthyol (1897) on filariasis

Sur le traitement de la chylurie par l'ichthyol: les nouveau remedes (1897)

OTHER CONTRIBUTIONS

Invented puerimeter for assessing the children growth

Puerimetro. Brazil Médico 18:123, 1904

Novo processo de preparação dos caldos de agar-agar sem auxílio do filtro a quente (1938)

With L. Bulcão & L. Nascimento Gurgel. Da pretensa incompatibilidade dos calomelanos e do bicarbonato de sódio (1902)

SOME PAPERS PUBLISHED IN OTHER LANGUAGES

Das lymphagites dans l'enfance et de leurs conséquences. Rev. Med. Cir. (1897)

Contributo allo studio del microbio di Schaudinn nella sifilide ereditaria. La Pediatria (1906)

Note sur le traitement de la lymphagite dans l'enfance par l'ichthyol. La Med. Infant. (1898)

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 Augusto de Figueiredo Monteiro

April 3, 2024

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

Carlos Augusto de Figueiredo Monteiro, Brazilian geographer and climatologist (Teresina 23 March 1927 – Campinas, São Paulo State 13 July 2022)

Gained international recognition on dynamic climatology

Proposed the use of synoptic charts for geographical analysis of climate (1963)

Sobre um índice de participação das massas de ar e suas possibilidades de aplicação à classificação climática. Rev. Geogr. 33(61):59-69, 1964

Proposed the vital cycle of cold spell

A Frente Polar Atlântica e as Chuvas de Inverno na Vertente Sul Oriental do Brasil (1967)

Introduced the concept of rhythm in geographical analysis of climate (rhythm analysis method)

A Análise Rítmica em Climatologia: problemas da atualidade climática em São Paulo e achegas para um programa de trabalho (1971)

Authored a work that deserved international attention

Bahia – qualidade ambiental no Recôncavo e regiões limítrofes (1987)

Member, Commission on Environmental Problems, International Congress of Geography, International Geographical Union (1976-88)

Carlos Bastos Magarinos Torres

April 3, 2024

[Bibliography](https://neglectedscience.com/category/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

Described histopathological alterations in cardiac striated muscle lesions in Chagas disease known as Magarinos Torres lesions

Estudo do miocárdio 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)

Established the concept of Chagasic coronaritis

Patogenia das lesões do miocárdio na doença de Chagas. Rev. Goiana Med. 4(2):121-34, 1958

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'Encephalolitozoon, dans le tissu musculaire cardiaque, les muscles du squelette, le tissu cellulaire sous-cutané et le tissue 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 rhésus*, 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.

Introduced the concept of hyperergy of reinfections

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 Bastos Magarinos Torres

June 30, 2024

[Bibliography](https://neglectedscience.com/category/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'Encephalolitozoon, dans le tissu musculaire cardiaque, les muscles du squelette, le tissu cellulaire sous-cutané et le tissue 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

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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*, inocule 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 Benjamin de Lyra

March 6, 2024

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

Carlos Benjamin de Lyra, Brazilian mathematician (Recife 23 November 1927 – São Paulo 21 July 1974)

Proved the existence of a minimal subcomplex of the cubical singular complex of a topological space (1954)

Proved some theorems characterizing spaces having the homotopy type of locally finite or finite polyhedral (1960)

Enunciated theorem of de Lyra

On spaces of the same homotopy type as polyhedra. Boletim Soc. Mat. São Paulo 12(1-2): 43-61, 1957 (Separata)

His thesis, H-equivalência de grupos topológicos (1968) gained international projection

SOME BIBLIOGRAPHY

SHM-maps of CW-groups. Quart. J. Math. 27:139-57, 1976

Caracterização dos SHM-morfismos para grupos topológicos. Anais Acad. Bras. Ciencias 47(1), 1975

Grupo fundamental e revestimentos (1969)

On a conjecture in homotopy. Anais Acad. Bras. Ciencias 37(2):167-84, 1965

Espaços do tipo de homotopia de poliedros finitos. Anais Acad. Bras. Ciencias 31(2):14-5, 1959

On circle bundles over complex projective spaces. Anais Acad. Bras. Ciencias 31(1):17-24, 1959

On the homotopy type of a factor space. Anais Acad Bras. Ciencias 30(1):37-41, 1958

Minimal complexes and maps. Bol. Soc. Mat. São Paulo 7:84-98, 1954

A note on Zorn's theorem. Bol. Soc. Mat. S. Paulo 4:63-5, 1949

Introdução a topologia algébrica

Método de Whitehead na teoria da homotopia

Carlos Berg

February 26, 2024

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

Friedrich Wilhelm Carl Berg, German-born Argentine zoologist and paleontologist (Tuckum, Courland, today Latvia 02 April 1843 – Buenos Aires 19 January 1902)

Described *Aeolus pyroblaptus* a new plague for wheat (1892)

ACHIEVEMENTS

Named genus *Anomochilus* 1901 and species *Philodryas baroni* 1895 (Reptilia)

Described 3 valid genera (*Gilbertidia* 1898, *Mataeocephalus* 1898 and *Parona* 1895) and 10 valid species of fishes

Described *Odontophrynus occidentalis* 1896 (Amphibia)

Described 24 Lepidopteran genera

HONORS

Bergiopteris Kurtz 1921 (Fossil Plants)

Bergolix Linnavuori 1959 (Hemiptera)

Bergallia Oman 1938 (Hemiptera)

Bergemesa Wygodzinsky 1950 (Hemiptera)

Bergmiris Carvalho 1984 (Hemiptera)

Cromobergia Bourquin 1937 (Lepidoptera)

Bergiaria Eigenmann & Norris 1901 (Fishes)

Bergidora Kerremans 1903 (Coleoptera)

Bergidia Breddin 1897 (Hemiptera)

Carlos Bonorino Udaondo

February 26, 2024

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

Carlos Guillermo Bonorino Udaondo, Argentine gastroenterologist (Buenos Aires 04 December 1884 – Buenos Aires 15 November 1951)

Authored over 500 scientific works

SOME BIBLIOGRAPHY

El diagnostico clinico del cancer de estomago. Prensa Med. Arg. (1951)

With V. D'Alotto & H. Resano. Síndrome de Plummer-Vinson. Arch. Mal. Appl. Dig. 39:478-83, 1950

With M.R. Castex. Le trophisme osseux chez les gastrectomisés. Presse Med. 73:847, 1947

With M.R. Castex & V.D'Alotto. Cancer primitivo del duodeno. Consideraciones sobre siete observaciones personales. Prensa Med. Argent. 33:1419-25, 1946

With J. Nasio. Incidencia de la úlcera gástrica y duodenal en las profesiones y oficios. Revisión de 2557 casos. Prensa Med. Argent. 32:1581, 1945

With V. D'Alotto. Polipo angiomatoso del estomago. Bol. Acad. Med. Bs. Aires (1945)

With M.M. Ramos Mejía & V. D'Alotto. Poliposis y pseudo poliposis colonicas. Bol. Acad. Nac. Med. Bs Aires (1944)

La kinesiología en patología colonica. Prensa Med. Argent. 31:2079-83, 1944

With V. D'Alotto & R. Maciel. Úlcera de cara posterior del estomago. An. Dispen. Publ. Nac. Enferm. d. Ap. Digest. 7:335, 1944

With V. D'Alotto & C. Bonorino Perú. Úlceras pépticas post-operatorias. An. Dispen. Publ. Nac. Enferm. d. Ap. Digest. 7:219, 1944

El ritmo evolutivo en la colitis ulcerosas crónicas. An. Dispen. Publ. Nac. Enferm. d. Ap. Digest. 6:73-85, 1943

With O.E. Napp & M. Ramos Mejía. Anorectosigmoid complications of grave colitis: cases. Arch. Argent. Enferm. d. Ap. Digest. Y de La Nutrición. 16:396-410, 1941

Cancer primitivo del duodeno. Prensa Med. Argent. 28:1018-29, 1941

Regional ileitis, with report of cases. Prensa Med. Argent. 27:1141-51, 1940

With H. Zunino. Contributo allo studio del muco gastric. Arch. Ital. Malat. App. Digerente (1938)

La cura bulgara en el parkinsonismo encefalítico. Clin. Lab. 29:315, 1936

With C. Pinedo & G. Von Grolman. Crisis oculogiras de la encefalitis epidémica. Rev. Sudam. Med. Cir. (1935)

With M. Schteingart & R. Gaibrois. Magnesium content of the cerebro-spinal fluid: its relation to blood magnesium. Rev. Soc. Argent. Biol. 9:321, 1933

Los elementos diagnósticos en las hernias y eventraciones diafragmáticas. Día Médico 4:819, 1932

With A. Raffo & R. Biot. Las oscilaciones del metabolismo básico durante el ciclo menstrual. Rev. Asoc. Med. Argent. 43 (1932)

El problema diagnóstico de la gastritis crónicas. Arch. Argent. Enf. del Ap. digest. (1930)

Las mesenteritis esclerosantes y retráctiles. Prensa Med. Argent. 16:233, 1929

Úlceras del estomago y estado constitucional. Arch. Argent. (1928)

Crisis gástricas tabetiformes y zona. Gastroradiculitis. Prensa Med. Argentina (1928)

With L.V. Sanguinetti. Enfermedad de Recklinghausen; carcinoma del estomago; hiposuprarrenalismo; síndrome esofágico. Arch. Argent. Enf. Apar. Digest. Nut. 1:635-48, 1926

Sobre La eosinofilia en los líquidos gástricos. Arch. Cardiol. Hematol. 7(6):489-92, 1926

With G.P. Goñalons & J.E. Carrulla. La acción de la yerba mate sobre la secreción gástrica. Prensa Med. Argent. 6:68-72, 1920

With J. Llambías. Leucemia aguda a microlinfocitos (1915)

With J. Pereyra Kafer. Tratamiento de las formas prolongadas y tardías de La encefalitis letárgica de Von Economo. Prensa Med. Arg.

With C. Maissa & P.A. Centeno. La radiología en el diagnóstico de las gastritis crónicas. Rev. Asoc. Med. Arg.

With L.F. Leloir. La diarrea como síntoma único del cáncer del estomago

MEMBERSHIP

Honorary Member, Gastroenterological Societies of Paris, Bruxelles and Rome

Honorary Member, Academies of Medicine of Madrid and Rome

Carlos Botelho

February 26, 2024

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

Carlos José Botelho Junior, Brazilian physician (São Paulo c.1884 – São Paulo 12 April 1960)

Observed that citric acid enables iodine in potassium iodide to precipitate proteins and sera more readily in the serum of cancer patients than in that of normal subjects (1916) and developed Botelho reaction or test based on it that was improved by Ichikawa (1928)

Presented Botelho reaction at Académie des Sciences de Paris (1917)

Improved the Botelho reaction employing refractometry

Proposed a formula to use in Botelho's reaction ($Q=40/i$, being Q the desired amount of serum and i the refractometric index of serum in albumin equivalents)

Created Hartmann-Botelho solution for local treatment of ulcerative cancer with H. Hartmann in *Presse Medicale* 32 (1918)

With H. Hartmann. Resultats experimentaux de tentatives d'inoculation de cancer humain au chien

First to graft human tumors into animals (horses)

Quelques recherches experimentales sur le cancer. *Compt. Rend. Soc. Biol.* 81:1114, 1918

Mudança de cor de uma solução iodo-iodina quando em presença de órgãos considerados como tendo um poder anti-blastico ou pro-blastico (1937)

DESCRIBED METHODS

Sur un nouvelle methode pour la mise en evidence de bleu de methylene dans le urines. *Comptes Rendus Seances Soc. Biol.* 81:291, 1918

Sur une nouvelle methode simple et rapide pour la double coloration des bactéries sporulées (A description of a new and simple method for double staining of sporulated bacteria). *Comptes Rendus Seances Soc. Biol.* 81:183-4, 1918

Milieu pour deceler les bacilles du groupe typhique dans un milieu impur (Culture medium for rapidly detecting the presence of bacilli of the typhoid group). *Comptes Rendus Seances Soc. Biol.* 80:435-7, 1917 & *J.R. Micro. Soc.* 425, 1917

Sur un nouveau milieu de culture indiquant rapidement la presence de bacilles du groupe typhique dans un milieu bacteriologiquement impur. (A description of a new culture media for the rapid detection of the presence of bacilli of the typhus group in bacteriologically impure media). *Compt. Rend. Soc. Biol.* 80:435-7, 1917

Notas complementares a propósito da técnica da biocromoreação. *Ann. Paul. Med. Cir.* 2(2):64, 1914

Technique of bichromo-reaction applied to the bacteriologic diagnosis of typhoid fever. *Compt. Rend. Soc. Biol.* 74:118-20, 1913

Biocromoreação: novo método de pesquisa do bacilo de Eberth nas fezes de tíficos com aplicação ao diagnóstico bacteriológico precoce da febre tifóide. *Ann. Paul. Med. Cir.* 1(5):137-49, 1913

A new method for the immediate demonstration of the bacillus of Eberth in typhoid faecal matter, applied to the early bacteriologic diagnosis of typhoid fever; the bichromo-reaction. *Compt. rend. Soc. Biol.* 73:692, 1912

DESCRIBED TRYPANOSOMES

Trypanosoma pedrozi 1914 with Carini

Sur deux nouveaux trypanosomes des poissons. *C.R. Soc. Biol. Paris* 59(2):128-9, 1907
(*Trypanosoma rhamdiae* 1907)

Carlos Bruch

February 26, 2024

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

Franz Karl (Carlos) Bruch, German-born Argentine entomologist and archaeologist (Munich 01 April 1869 – Vicente Lopez, Buenos Aires Province 03 July 1943)

Authored about 220 publications

DESCRIBED

44 genera in Coleoptera

Over 180 species between Coleoptera and Hymenoptera

Discovered and collected hundreds of new insect species that were described by other entomologists

HONORS

Brucheiser Navas 1927 (Neuroptera)

Bruchiana Jorgensen 1916 (Lepidoptera)

Bruchomyia Alexander 1920 (Diptera)

Bruchiola Kieffer 1921 (Hymenoptera)

Bruchopria Kieffer 1921 (Hymenoptera)

Bruchomymar Ogloblin 1939 (Hymenoptera)

Bruchaphodius Martínez 1952 (Coleoptera)

Bruchia Weise 1906 (Coleoptera)

Carlobruchia Spaeth 1911 (Coleoptera)

Honored in about 380 entomological species

Carlos Burckhardt

February 26, 2024

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

Karl Emmanuel Burckhardt, Swiss-born Mexican geologist and paleontologist (Basle 26 March 1869 – Ciudad de Mexico 26 August 1935)

Authored 44 publications

DESCRIBED MOLLUSCA GENERA

Durangites 1912

Idoceras 1906

Mazapilites 1919

Nebroditites 1910

Proniceras 1919

Pseudoctenostreon 1930

Species

More than 100

HONORS

Burckhardtia Frech 1907 (Fossil Mollusca)

Burckhardtites Humphrey 1949 (Fossil Mollusca)

Burckhardtite Gaines, Leavens & Nelen 1979 (Mineral)

See <http://boletinsgm.igeolcu.unam.mx/epoca02/1936-9-1burckhardt.pdf> See <http://boletinsgm.igeolcu.unam.mx/epoca02/1936-9-1burckhardt.pdf>. (in Spanish; with bibliography)

Carlos Casas Campillo

August 19, 2024

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

Carlos Casas Campillo, Mexican microbiologist and chemist (Cordoba, Veracruz State 12 October 1916 – Ciudad de Mexico 06 October 1994)

Contributions

With A. Sanchez Marroquín. Aislamiento, incidencia y caracterización del bacteriofago de *Rhizobium meliloti*. An. Esc. Nac. Cien. Biol. Mexico 3:1943-4

El antagonismo microbiano en relación con las bacterias de los nódulos de las plantas leguminosas Ciencia 9:193-9, 1949

Rhizobacin, an antibiotic with particular activity against the nodule bacteria of legumes. Ciencia 11:21-8, 1951

With H.J. Ringold, O. Mancera, C. Djerassi, A. Bowers, E. Batres, H. Martínez, E. Necoechea, J. Edwards, M. Velasco & R.J. Dorfman. A new class of potent cortical hormones 6 α -chlorocorticoids. J. Amer. Chem. Soc. 80(23):6464-5, 1958

Desarrollo de un proceso para la producción de inoculante para soya. Rev. Soc. Quim. Mexico (1979)

Proceso para obtener proteínas de origen unicelular a partir del bagazo de la caña. Rev. Soc. Quim. Mexico (1979)

With M. de la Torre. Isolation and characterization of a symbiotic cellulolytic mixed bacterial culture. Appl. Microbiol. Biotechn. 19:430-4, 1984

Papers in top journals

With S. Bartnicki-Garcia. Some nutritional requirements of *Colletotrichum coffeanum* Noack. Nature 181(4608):565-6, 1958

Patents (incomplete list)

With M.M. De la Torre Martínez. Procedimiento mejorado de fermentación para la producción de proteína unicelular a partir de residuos lignocelulosicos MX65668E (1985)

Process for the production of 6-substituted 11 α hydroxysteroids DE1249269B (1967)

With A. Zaffaroni. Process for the production of 11-hydroxylated steroids AU277066A (1967) & AU4290889B2 (1967)

With A. Zaffaroni. Selective microbial hydroxylation process at position of steroids FR1483798A (1966)

With A. Zaffaroni. Process for the microbiological 11-hydroxylation of steroids of the pregnane series in the presence of dimethylsulfide DE1543462B2 (1966)

Process for the transformation of steroids using a mutant strain of *Arthrobacter (Corynebacterium) simplex*. US Patent 3,264,194 A (1966)

With P. Crabbe. Microbiological hydroxylation of steroids US3,375,174 A (1965)

11 α -hydroxylation of 6-substituted-11-desoxy-steroids with microorganisms of the genus *Fusarium* sect. *Liseola* US3,203,869A (1965)

Process for the preparation of 11 α -hydroxy Δ^4 -3 keto steroids from 11 unsubstituted Δ^5 -3 hydroxy and 3-acyloxy steroids using *Psilocybe caerulea* var. *mazatecorum*. US Patent 3,190,809 (1965)

Process for the preparation of cyclopentanopolyhydrophenanthrene derivatives FR1417023A (1964)

Microbiological preparation of $\Delta^1,3,5(10)$ – 3-hydroxysteroids. US Patent 3,379,621 (1964)

Process for the production of 11- α -hydroxylation steroids with *Panaeolus*. US3,149,050A (1964)

Process for 11-hydroxylation of steroids US Patent 3,119,748 (1964)

Process for the production of cyclopentanophenanthrene derivatives. US Patent 3,118,822A (1961) & CA767,617 (1967)

With A. Bowers, J.A. Zderic & C. Djerassi. Process for the production of equilin DE1143199B (1959)

With A. Bowers & H.J. Ringold. Process for the manufacture of hydroxypregnene compounds AU4144758A & AU233010B2 (1959)

With H.J. Ringold & A. Bowers. Process for the preparation of hydroxypregnane compounds DE1118196B (1958) & CH383370A (1958)

With H.J. Ringold, O. Mancera, J. Rosenkranz & A. Zaffaroni. Process for the production of new Halogenpregnanverbindungen DE1088487B (1958)

Carlos Chagas

February 26, 2024

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

Carlos Justiniano Ribeiro das Chagas, Brazilian physician (Oliveira, Minas Gerais State 09 July 1878 – Rio de Janeiro 08 November 1934)

Regarded as world authority on hygiene and tropical pathology

ACHIEVEMENTS

Discovered and described Chagas disease (1909), identifying etiologic agent (*Trypanosoma cruzi*), studying its biology and morphology, way of transmission, clinical manifestations, general principles of its epidemiology, its wild reservoir and intermediate host

Nova tripanozomíase humana. Estudos sobre a morfologia e o ciclo evolutivo do *Schizotrypanum cruzi* n.gen; n.sp; agente etiológico de nova entidade mórbida. Mem. Inst. Oswaldo Cruz 1:159-218, 1909.

Described Chagasic cardiopathy (1922)

With Eurico Villela. Forma cardíaca da tripanosomíase Americana. Mem. inst. Oswaldo Cruz 14: 5-61, 1922.

Described anasarca and hepatomegaly in Chagas disease

Described Romaña sign or unilateral eyelid oedema before him

Enunciated home theory of malaria transmission undertaking the first successful campaign against malaria in the world (1905)

Developed a new and effective technique to malaria control using the insecticide pyrethrum to disinfect houses (the main method for malaria suppression around the world)

First to describe lesions of bone marrow in malaria

Described edematous form of quartan fever

Clarified pernicious outbreaks in malaria

Discovered *Pneumocystis* sp. in human beings (1911)

First reported the phenomenon of *Anopheles* stinging during daytime in the sunlight

DESCRIBED

Diptera

Anopheles nigritarsis 1907

Anopheles (Anopheles) intermedius 1908

Anopheles (Myzorrhynchella) parvus 1907

Anopheles pseudomaculipes 1908

Cellia braziliensis 1907 (the first diurnal Anopheline known)

Coquillettidia (Coquillettidia) juxtamansonia 1907

Protozoa

Genus *Prowazekia* 1910 with Hartmann

Subgenus *Schizotrypanum* 1909

Cercomastix parva 1910 with Hartmann

Chagasella hartmanni 1910

Haemogregariona lutzi 1910 with Hartmann

Trypanosoma cruzi 1909

Trypanosoma minasense 1909

HONORS/EPONYMY

Doctor Honoris causa, Harvard University (1921)

Doctor Honoris Causa, Université de Paris

Doctor Honoris Causa, Université Libre de Bruxelles (1934)

Schaudinn Prize (1912)

Kummel Prize (1925)

Medicine & Physiology Nobel Prize nominee (1913 & 1921)

Subgenus *Chagasia* Cruz 1906 (Diptera)

Genus *Chagasella* Machado 1912 (Protozoa)

Chagas disease

Chagome

Asteroid Chagas 9483

Carlos Chagas Filho

February 26, 2024

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

Carlos Chagas Filho, Brazilian biophysicist (Rio de Janeiro 12 September 1910 – Rio de Janeiro 16 February 2000)

Son of Carlos Chagas (filho means son in Portuguese)

ACHIEVEMENTS

Authored about 200 scientific papers

Described action of curare and curare-like action substances in electro plaque

Discovered that electro plaques have 2 kinds of excitability

Explained operating mechanism of *Electrophorus electricus* electrical organ

Discovered central nucleus that commands electrical discharges in medula oblongata of the eel

Described micro heterogeneity of desmin in electrical organ of poraquê (*Electrophorus electricus*)

Identified nicotinic receptor in poraquê (*Electrophorus electricus*)

Showed that acetylcholine played a role in the process of electric discharges of *Electrophorus electricus*

Isolated the acetylcholine membrane receptor of electrical fishes

Introduced notion of specific and unspecific receptors

With D. Bovet & L. Sollero described the in vivo curarisation of the electric organ of the *Electrophorus electricus* (1953)

With C. Chagas, M. Françon & H.C. Parreira. Nouvelle methode d'étude des gradients d'indice applicable a la electrophorese. An. Acad. Bras. Cien. 27:385, 1955

On the use of a multivibrator as a Geiger-Muller counter external quenching circuit

With M.X. de Oliveira. Electrogênese em cultura de tecidos (1946)

With A. Leão, M.F. Moreira & M.S. Santos. On the low voltage discharge of the electrophorus. Nature (1946)

With D. Albe-Fessard & H.M. Ferreira. Sur l'existence d'un systeme directment excitable dans l'organe électrique. C.R. Acad. Sciences 232:1015-7, 1951

With D. Albe-Fessard & H.M. Ferreira. Sur l'existence d'un systeme effecteur de la décharge électrique des *Electrophorus electricus*. Anais Acad. Bras. Ciencias (1951)

Técnica de registro dos potenciais elétricos de miocárdio em cultura

HONORS

President, Pontifical Academy of Sciences (1973-90)

Doctor Honoris Causa, Université de Paris

Carlos Charlín Correa

February 26, 2024

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

Carlos Charlín Correa, Chilean ophthalmologist (Santiago 23 April 1885 – Santiago 31 August 1945)

Gained international recognition for his studies on etiology of papilla edema

Described iatrogenic diseases in ophthalmology

Described pseudodeaf sign in hysterical blinds patients (Charlin Sign)

Described Charlin syndrome

El Nuevo Síndrome del Nervio Nasal y sus Formas Larvadas. *El Día Medico* 4:35, 1931

Le syndrome du nerf nasal, *Ann. Ocul.* 168:86-102, 1931

SOME BIBLIOGRAPHY

Syphilis of Orbit And Skull. *Rev. Med. Chile* 47:816, 1919

With C. Lobo Onell & S. Barrenechea. Albuminuric retinitis. *Arch. Oftal. Hisp. Amer.* 36:549-63, 1926

Symptomenkomplex bei Lasionen des *N. nasalis*. *Arch. Oftalm.* Buenos Aires 5:132, 1930

Le syndrome fruste du nerf nasal . *Ann. Ocul.* 168:808, 1931

Etiologie du syndrome du nerf nasal. *Ann. Ocul.* 169:257, 1932

La tuberculinothérapie dans les névralgies faciales idiopathiques et certaines affections essentielles. *Publ. Univ. Chile* 1, 1940

Neurites oticas de la lactancia. *Arch. Oftal.* 1, 1944

La neurite del nasale da causa generale

Carlos Clemente Cerri

February 26, 2024

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

Carlos Clemente Cerri, Brazilian biogeochemist and pedologist (São Carlos, São Paulo State 10 November 1946 – Piracicaba, São Paulo 21 April 2017)

Authored more than 250 papers, 6 books and 40 book chapters

CONTRIBUTIONS

With B.J. Feigl, F. Andreux, B.P. Eduardo, T. Chone & M.T.C. Piccolo. Incubador para estudo da decomposição de materiais orgânicos no solo. Rev. Bras. Cient. Solo 18:1-5, 1994

With B. Volkoff & A. Polo. Caracteristiques biochimiques des acides humiques des sols tropicaux du Brésil, distinction fondamentale entre les sols equatoriaux et les sols des regions a climat tropicaux contrasté. C.R. Acad. Sci. Paris 307:95-100, 1988

With C. Feller, J. Balesdent, R.L. Victoria & A. Plenecassagne. Application du tracage isotopique naturel en C13 a l'etude de la matiere organique dans les sols. C.R. Acad. Sci. Paris 300(1):423-9, 1985 (a method to identify the origin of soil carbon remaining from natural vegetation and introduced by crop residues, using the 13C/12C isotopic technique)

With P.L. Libardi, K. Reichardt, M.F.M. Sá & D.R. Nielsen. An approximate method of estimating soil water diffusivity for differential soil bulk densities. Water Resources Reser, 18:177-81, 1982

Carlos D'Andretta Jr.

February 27, 2024

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

Carlos D'Andretta Jr., Brazilian parasitologist and entomologist (São Paulo 1919 – São Paulo 01 May 1986)

DESCRIBED DIPTERA TAXA

Genus

Lutzsimulium 1947 with Vulcano

Species

Alouattamyia riberoi 1951 with Artigas

Cuterebra ribeiroi 1951 with Artigas

Anisopus albipex 1958 with Lane

Inaequalium travassosi 1947 with Vulcano

Kelloggina cataguasi 1956 with Lane

Kelloggina cherentesi 1956 with Lane

Kelloggina edwardsi 1956 with Lane

Kelloggina gomezi 1956 with Lane

Kelloggina guaianasi 1956 with Lane

Kelloggina guarani 1956 with Lane

Kelloggina laemmerti 1956 with Lane

Kelloggina rabelloi 1956 with Lane

Kelloggina shannoni 1956 with Lane

Kelloggina tamoioi 1956 with Lane

Kelloggina tapuiasi 1956 with Lane

Kelloggina timbira 1956 with Lane

Kelloggina travassosi 1956 with Lane

Kelloggina willistoni 1956 with Lane

Lutzsimulium cruzi 1947 with Vulcano

Mycetobia stonei 1958 with Lane

Olbiogaster antillarum 1958 with Lane

Olbiogaster carioca 1958 with Lane

Olbiogaster chavantesii 1958 with Lane

Olbiogaster guatemalteca 1958 with Lane

Olbiogaster mexicana 1958 with Lane

Olbiogaster panamensis 1958 with Lane

Olbiogaster similans 1958 with Lane

Olbiogaster surinamensis 1958 with Lane

Olbiogaster tamoioi 1958 with Lane

Olbiogaster texana 1958 with Lane

Simulium jundiaiense 1964 with Gonzalez

Simulium nogueirai 1962 with Gonzalez

Simulium pinto 1955 with Vulcano

Thyrsopelma itaunense 1964 with Gonzalez

Tonnoirina albicornis with Lane

Tonnoirina boraceae 1958 with Lane

Tonnoirina caiyasi 1958 with Lane

Tonnoirina fluminensis 1958 with Lane

Tonnoirina grandis 1958 with Lane

Tonnoirina hyalina 1958 with Lane

Tonnoirina incasica 1958 with Lane

Tonnoirina tucumana 1958 with Lane

Tonnoirina wygodzinskyi 1958 with Lane

Others (Lepidoptera)

Genus

Romualdisca 1946 with Travassos

Species

Romualdisca dalmeidai 1946 with Travassos

Carlos da Silva Lacaz

March 6, 2024

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

Carlos da Silva Lacaz, Brazilian medical mycologist and historian of medicine (Guaratinguetá, São Paulo State 19 September 1915 – São Paulo 23 April 2002)

From French, Swiss and Italian descent

Authored about 500 scientific works

Performed researches in medical mycology and tropical pathology

Reported the first human culture-proven case of brain abscesses due to *Fonsecaea pedrosoi*

With J.P.S. Nóbrega, S. Rosemberg, A.M. Adami, E.M. Heins-Vaccari & T.F. de Brito. *Fonsecaea pedrosoi* cerebral phaeohyphomycosis (“chromoblastomycosis”): first human culture-proven case reported in Brazil. Rev. Inst. Med. Trop. São Paulo 45:217-20, 2003

Characterized infection by paracoccidioidomycosis

With S.A.P. Sampaio introduced amphotericin B treatment for paracoccidioidomycosis (1958)

With Passos Filho demonstrated the existence of Blastomycosis-infection

First to report sporotrichosis transmission from cat to man

With F. Almeida, S.A.P. Sampaio & J.C. Fernandes. Dados estatísticos sobre a esporotricose – análise de 344 casos. An. Bras. Derm. Sifil. 1:9-12, 1955

Set down the general rules in isolating and identifying Actinomycetes

Orientação geral no isolamento e identificação dos Actinomicetos produtores de micetomas. Rev. Bras. Med. 3:442-4, 1946

WITH F.P. DE ALMEIDA

First to isolate *Histoplasma capsulatum* (1939)

Obtained antigen paracoccidioidin for skin test of South American blastomycosis (1941)

Described *Geotrichum virulens* (1940)

Developed Almeida-Silva Lacaz yeast sporulation médium

Nova técnica para demonstração rápida dos ascósporos. Folia Clin. Biol. 12(4):129-30, 1940

NEW METHODS/TECHNIQUES

Techniques for determination of Rh blood group

With H.C. Ferreira & O. Mellone. Um processo rápido e eficiente para a determinação do fator Rh. Rev. Bras. Med. 1(2):179-182, 1946

With colleagues. Nossa experiência com o fator Rh. Dados estatísticos. Nova técnica de determinação do fator Rh. Rev. Paul. Med. 29:233, 1946

Modified Gomori-Grocott method for studying *Pneumocystis carinii* (1973)

A new method for microculture of fungi

With E. Porto, N. Takahashi & E.M. Heins. Nuevo metodo para microcultivo de hongos. Rev. Arg. Micol. 4:24-9, 1981

With M.J. Mendes-Giannini, M.E. Camargo & A.W. Ferreira. Immunoenzymatic absorption test for serodiagnosis of paracoccidioidomycosis. J. Clin. Microbiol. 20(1):103-8, 1984

HONORS

Rhoda Benham Medal, Medical Society of the Americas (1977)

Lucille K. Georg Award, International Society for Human and Medical Mycology (1988)

Genus *Lacazia* Taborda, Taborda & McGinnis 1999 (Fungi)

Carlos de Paula Couto

April 16, 2024

[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

Pampatheriidae 1954

Genera

Abothrodon 1944

Bobbschaefferia 1970

Camargomendesia 1978

Colbertia 1952

Derorhynchus 1952

Didelphopsis 1952

Epidolops 1952

Gaylordia 1952

Guggenheimia 1952

Ischyrodidelphis 1952

Lamegoia 1952

Macraucheniopsis 1952

Marmosopsis 1962

Megahippus 1981

Minusculodelphis 1962

Mirandaia 1952

Mirandatherium 1952

Monodelphopsis 1952

Neosclerocalyptus 1957

Palaeocladosictis 1961

Plesiotoxodon 1982

Protodidelphis 1952

Pseuderemotherium 1954

Pseudodiodomus 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 Mexico 14 August 1645 – Ciudad de Mexico 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](#) 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 do Prado Barbosa

February 26, 2024

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

Carlos do Prado Barbosa, Brazilian amateur mineralogist (Alfenas, Minas Gerais State 07 January 1917 – Belo Horizonte 17 April 2003)

With Paulo A. Matoli found the mineral brumadoite (1993), described later by Atencio, Roberts, Matoli et al (2008)

DESCRIBED NEW MINERAL SPECIES

Bahianite 1978 with Moore & Gaines

Minasgeraisite 1986 with Foord, Gaines, Crock & Simmons

SOME BIBLIOGRAPHY

With A.U. Falster, W.B. Simmons, K.L. Webber, J. Nizamoff & R.V. Gaines. Minerals of the Brumado magnesite deposits, Serra das Eguas, Bahia, Brazil. *Rocks and Minerals* 75:32-9, 2000

With P.J. Modreski & E.E. Foord. Crystal chemistry of uvitedravite from the Brumago magnesite deposits, Bahia, Brazil (1997)

Notas sobre a ocorrência de paládio e platina no Município de Pilar. *Eng. Min. Metal.* 35(207):111, 1962

HONORS

Carlosbarbosaite Atencio, Roberts, Cooper, Menezes Filho, Coutinho, Stirling, Venance, Ball, Moffatt, Chaves, Brandão & Romano 2012 (Mineral)

Carlos Eduardo de Mattos Bicudo

February 26, 2024

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

Carlos Eduardo de Mattos Bicudo, Brazilian phycologist and limnologist (São Paulo 28 November 1937–

DESCRIBED ALGAE TAXA

Genera

Bjornbergiella 1966 (Cryptophyceae)

Prescottella 1976 (Chlorophyceae)

Tetranephris 1977 (Chlorophyceae) with C.R. Leite

Pseudocryptomonas 1988 (Cryptophyceae) with G. Tell

Croasdalea 1993 (Zygnemaphyceae) with C.T.J. Mercante

Species

Bjornbergiella hawaiiensis 1966

Bourrellyodesmus guarrerae 2004 with Faustino

Bourrellyodesmus jolyanus with AZevedo

Cosmarium brancoi 1967

Cosmarium lapeanum with Ventrice

Cosmarium subtruncatum with Ventrice

Cryptomonas brasiliensis with Castro & D. Bicudo

Dispora globosa with R. Bicudo

Euastrum vitalianum with R. Bicudo

Hemidinium brasiliense with Skvortzov

Hemidinium montanum with Skvortzov

Hemidinium pseudochraceum with Skvortzov

Ichthyocercus manauensis 1986

Katodinium fontinalis with Skvortzov

Katodinium sanctipaulense with Skvortzov

Mallomonas kristianseni 1993 with Wujek

Micrasterias croasdaleana with Sormus

Micrasterias prescottiana with Sormus

Micrasterias sanctipaulensis with Sormus

Oocystis apicurvata 2015 with Ramos & Moura

Pleurotaenium brasiliense with Ventrice

Protocryptomonas acuta with Castro & D. Bicudo

Protocryptomonas sygmoidea with Castro & D. Bicudo

Pseudocryptomonas americana 1988 with Tell

Pseudocryptomonas parrae 1988 with Tell

Pseudocryptomonas subcylindrica 1988 with Tell

Quadrigula jolyi with R. Bicudo

Salpingoeca ampulloides 1984 with D. Bicudo

Salpingoeca brevicollis with D. Bicudo

Salpingoeca caudiculata with D. Bicudo

Spirogyra verucogranulata 1996 with Dias

Staurostrum prescottii 1967

Staurodesmus asiaticus 1978 with Compere

Strombomonas carinata 2003 with Alves da Silva

Strombomonas ferrazii 2003 with Alves da Silva

Strombomonas simplex 2006 with Alves da Silva

Tetranephris brasiliensis 1977 with Leite

Trachelomonas alabamensis 1998 with Wolowski

Vacuolaria tropicalis 1973 with Cardoso

Varieties/Forms

Described 21 varieties and 10 forms too

HONORS

Bicudoa Wetzel, Lange-Bertalot, Morales, Bicudo, Hoffmann & Ector 2012 (Bacillariophyta)

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, Société 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](#) 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 xanthochromuns

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 silvícola

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 lanthanus 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 Ernesto Gordillo

February 29, 2024

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

Carlos Ernesto Gordillo Maldonado, Argentine petrologist and mineralogist (Villa Ascasubi, Cordoba Province 1925 – December 1984)

DESCRIBED

Cordierite rock

Las rocas cordieríticas de Orcoyana y Cerro Negro-Soto (Cordoba). Bol. Asoc. Geol. Cordoba 2:90-100, 1974

New mineral species

With W. Schreyer & G. Werdnig. A new sodian-beryllian cordierite from Soto, Argentina and the relationship between distortion index, Be content and state of hydration. Contrib. Mineral. Petrol. 70:421-8, 1979

With M.E.J. de Abeledo, V. Angelelli & M.A.R. de Benyacar. Sanjuanite, a new hydrated basic sulfate-phosphate of aluminium. Amer. Miner. 53:1-8, 1968

With E. Linares, R.O. Toubes & H. Winchel. Huemulite, a new hydrous sodium and magnesium vanadate from Mendoza Province, Argentina. Amer. Mineral. 51(1-2):1-13, 1966

Carlos Eugenio Cardini

February 26, 2024

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

Carlos Eugenio Cardini Bellati, Argentine biochemist (Buenos Aires 09 December 1911 – Buenos Aires 10 August 1992)

From Italian grandparents

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

With L.F. Leloir established that in plant tissues two reactions can lead to synthesis of sucrose (1953-5)

With L.F. Leloir suggested the involvement of uridine diphosphate N-acetylglucosamine in chitin synthesis (1953)

With L.F. Leloir and J. Chiriboga synthesized sucrose (1955)

With L.F. Leloir described an alternative mechanism for synthesis of glycogen from UDP-glucose and glycogen synthase (1957)

With Yamaha & Leloir demonstrated that glycosides synthesis via UDPG (1960)

With Fekete & Leloir discovered enzymatic system that catalyzes sucrose transformation into starch (1960)

With Rosalía B. de Frydman & Luis F. Leloir demonstrated that phytoglycogen biosynthesis from ADP-glucose (1965)

Demonstrated the starch biosynthesis in vascular plants by ADP-glucose

With R.B. Frydman & B.C. Souza. Distribution of adenosine diphosphate D-glucose: a 1-4-glucan a-4glucosyl-transferase in higher plants. Biochem. Biophys. Acta 113:620-3, 1966

With R.E. Trucco. A new phosphoric ester of glucose and its function as a coenzyme. Cien. Invest. 4(10):433-5, 1948

METHODS/TECHNIQUES

With Cabib and Leloir suggested the use of sodium chloride in dilute hydrochloric acid for eluting nucleotides from a column of ion-exchange resin and introduced the technique of purifying nucleotides with Norite

Developed a new procedure for determination of choline

With A.D. Marenzi. The colorimetric determination of choline. J. Biol. Chem. 147:363, 1943

A procedure for preparation of β - α -nitrosonaphthol and an assay for cobalt

With W. Jung & M. Fuksman. El β - α -nitrosonaftol como reactivo del cobalto. II. Colorimetría y fotometría del cobalto. Anal. Asoc. Quím. Arg. 21:191, 1943

With A.D. Marenzi. Colorimetric micromethod for determining total and unsaturated fat acids of blood. Rev. Soc. Arg. Biol. 19:118-30, 1930

PAPERS IN NATURE

With T. Yamaha. Biosynthesis of plant glycosides from uridine diphosphate glucose. Nature 182 (4647):1446-7, 1958

With M.A. Rongine de Fekete & L.F. Leloir. Mechanism of starch biosynthesis. *Nature* 187:918-9, 1960

With J.C. Trivelloni & E. Recondo. Adenosine diphosphate glucose and glucoside biosynthesis. *Nature* 195:1202, 1962

EPONYMY

Leloir pathway or Leloir cycle or Leloir-Cardini cycle (galactose metabolism)

Leloir-Cardini enzyme (UDP glucose glycogen transglucosylase)

Carlos Eugenio Chardon

February 26, 2024

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

Carlos Eugenio Chardon Palacios, Puerto Rican plant pathologist and mycologist (Ponce 28 September 1897 – San Juan 07 March 1965)

From French descent

Discovered *Aphis maidis* as the vector of sugar cane mosaic virus (1922)

With Raphael A. Veve. The transmission of sugar cane mosaic by *Aphis maidis* under field conditions in Puerto Rico. *Phytopathology* 13:24–9, 1923

DESCRIBED FUNGI TAXA

Order

Coryneliales 1926 with Seaver

Valid Genera

Dictyochorina 1932

Glabrotheca 1939

Leptosporina 1939

Species

More than a hundred

HONORS (Fungi)

Chardonía Ciferri 1930

Chardoniella Kern 1939

Carlos Eugenio Dieulefait

February 27, 2024

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

Carlos Eugenio Dieulefait, Argentine statistician (Buenos Aires 27 July 1901 – Rosario 03 November 1982)

Developed a method for inversion of input-output matrix (1958)

Contributions/bibliography

Sobre una nueva introducción de los polinomios de Legendre de los de Ch. Jordan y definición de un nuevo polinomio ortogonal que cumple determinadas condiciones (1932)

La determinación de la tendencia secular en las series economicas: con una formulación de nuevas tablas de funciones ortogonales que faciliten su calculo dentro del metodo de los cuadrados minimos (1932)

Fundamentos para una teoria general de la correlación (1933)

Sobre una nueva generación de polinomios ortogonales (1933)

Generalización del coeficiente de relación de correlación (1934)

Sobre la representación de una función variable real en serie de funciones ortogonales (1935)

Sobre la ley sinusoidal limite de Slutsky derivada de una nueva sucesión de valores probables (1942)

Nuevos principios en el problema de la cuadratura mecanica (1956)

HONOURS

The one Latin American in Cambridge Dictionary of Statistics

Honorary Member, Royal Society of Statistics of London (1957) & Société de Statistique de France (1936)

Carlos Fiebrig

February 28, 2024

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

Karl August Gustav Fiebrig, German naturalist in South America (Hamburg 25 May 1869 – Tucumán, Argentina 25 October 1951)

Worked most of his career in Paraguay

Expert on plant ecology, plant eco-morphology and entomology

DESCRIBED NEW TAXA

Apinagia guairaensis 1923 (Podostemaceae)

Genus *Myrmegryllus* 1907 (Diptera)

Myrmegryllus dipterus 1907 (Diptera)

Forcipomyia ixodoides 1928 (Diptera)

HONORS

Fiebrigiella Harms 1908 (Fabaceae)

Fiebrigella Duda 1921 (Diptera)

Carlos Flechtmann

February 28, 2024

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

Carlos Holger Wenzel Flechtmann, Brazilian plant acarologist (Rio de Janeiro 10 August 1938 –

CONTRIBUTIONS

With D. Navia, E.E. Lindquist & H. Aguilar. A new species of *Abacarus* (Acari: Prostigmata:Eriophyidae) damaging sugarcane, *Saccharum officinarum* L. from Costa Rica – the first eriophyoid mite described with a tibial seta on leg II. Zootaxa 3025 (3025):51-8, 2011

With E.P.J. Britto, M.G.C. Gondim & D. Navia. A new deutergynous eriophyid mite (Acari: Eriophyidae) with dimorphic males from *Caesalpinia echinata* from Brazil: description and biological observations. Intern. J. Acarol. 34(3):307-16, 2008 (first example of a deutergynous eriophyid mite in tropical regions with two forms of males)

With J.D.P.Arzolla. Dispositivo para o preparo de cromatogramas com corrente de ar quente. Bol.Indus. Animal 20:395-7, 1962

DESCRIBED ACARI TAXA

Genera

Amrineus 1994

Aracaurioptes 2000

Athrix 2004

Atrichoproctus 1967

Chiangmaia 2003 with Amrine & Stasny

Davisella 2003 with Amrine & Stasny

Diptilostatus 2003

Distaceria 1995 with Amrine & Stasny

Esalquia 2002

Glabriscetes 2002 with Navia

Glossilus 2000 with Navia

Guanophagoides 1978 with Fain

Gymnaceria 2012 with Oliveira & Rodrigues

Hunteria 1984 with Delfinado-Baker & Baker

Juxtacolopodacus 2010 with Queiroz

Kaella 2003 with Amrine & Stasny

Meliponopus 1985 with Fain

Melittiphisoides 1984 with Delfinado-Baker & Baker

Meyerella 2003 with Amrine & Stasny

Moraesia 2004

Nasuchus 2002 with Navia

Neohypoaspis 1983 with Delfinado-Baker & Baker

Neotydeolus 1979 with Camargo

Oziella 2003 with Amrine & Stasny

Palmiphytoptus 2002 with Navia

Paraponychus 1977 with Gonzalez

Phetehaburus 2003 with Amrine & Stasny

Rhyncadicrus 2011 with Reis, Gondim & Navia

Rhynchopolipus 1972 with Husband

Scolotosus 1971 with Keifer

Steopa 2003 with Amrine & Stasny

Suracarus 2005

Tecarus 2000

Tectochloracarus 1999 with Fain, Engel & O'Connor

Zeterohercon 1990 with Johnston

Species

Over 200

HONORS

Flechtmannia Keifer 1979 (Acari)

Flechtmanniella Stebnicka 1999 (Coleoptera)

Flechtmannus Moares, Lindquist & Lofego 2002 (Acari)

Augeriflechtmannia Kocak & Kemal 2008 (Acari)

Carlos Gallardo

August 19, 2024

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

Carlos Sebastián Gallardo Silva, Chilean marine ecologist (Valdivia 22 June 1943 –

Described the molluscan species *Crepidula philippiana* 1977

Some bibliography

With C. Manque & M. Filun. Comparative resistance to starvation among early juveniles of some marine muricoidean snails. *Nautilus* 118(3):121-6, 2004

With K. Benkendorff & C.B. Westley. Observations on the production of purple pigments. Observations on the production of purple pigments in the egg capsules, hypobranchial and reproductive glands from seven species of Muricidae (Gastropoda:Mollusca). *Invert. Reprod. Dev.* 46(2-3):93-102, 2004

With P.E. Penchaszadeh. Hatching mode and latitude in marine gastropods: revisiting Thorson's paradigm in the southern hemisphere. *Marine Biol.* 138(3):547-52, 2001

With J.L. Ram, M.L. Ram & R.P. Croll. Reproduction-associated immunoreactive peptides in the nervous systems of prosobranch gastropods. *Biol. Bull.* 195(3):308-18, 1998

With O. Garrido. Ultrastructure of sperms in bivalve molluscs of the Mytilidae family. *Invert. Reprod. Develop.* 29:95-102, 1996

With M.R. del Campo & L. Filun. Preliminary trials of the cryopreserving of marine mollusc embryos as illustrated with the marine mussel *Choromytilus chorus* from southern Chile. *Cryobiology* 25(6), 1988

Developmental pattern and adaptations for reproduction in *Nucella crassilabrum* and other muricacean gastropods. *Biol. Bull.* 157:453-63, 1979

Two modes of development in the morphospecies *Crepidula dilatata* (Gastropoda:Calyptraeidae) from Southern Chile. *Mar. Biol.* 39:241-5, 1977

HONORS

Gallardoia Sirenko 2007 (Mollusca)

Carlos Galli-Mainini

February 29, 2024

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

Carlos Tulio Galli Mainini, Argentine physician (Buenos Aires 07 October 1914 – Buenos Aires 16 October 1961)

Introduced male toad test for diagnosis of pregnancy known as Galli-Mainini test

Pregnancy test with male Batracia. *Endocrinology* 43:349-50, 1948

Found the changes observed in smears of the urinary sediment closely parallel those seen in vaginal smears

With E. B. del Castillo & J. Argonz. Cytological cycle of the urinary sediment and its parallelism with the vaginal cycle. *J. Clin. Endocrin.* 8:76, 1948

With E. B. del Castillo & J. Argonz. Smear from the female urethra and their relationship to smears of the urinary sediment. *J. Clin. Endocrin.* 8:1362, 1949

A simplified perfusion apparatus for the maintenance of living organs in vitro. *J. Exp. Med.* 73:745-6, 1941

Devised an artificial respirator hand-driven (1950)

Carlos Garces Orejuela

February 29, 2024

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

Carlos Garcés Orejuela, Colombian plant pathologist (Cali 1915 – Medellín 2002)

With K.H. Fernow first report of potato black rot by *Rosellinia* or white shroud (1949)

Described *Xanthomonas axonopodis*, causative agent of bacterial leaf spot of *Axonopus scoparius*

With M.P. Starr. El agente causante de la gomosis bacterial del pasto imperial en Colombia. Rev. Fac. Nac. Agron. Medellín 12:73-83, 1950

DESCRIBED FUNGI TAXA (in Estudios micológicos colombianos. Dothideales. Caldasia 2:75-87, 1941 & New or heterofore unreported species of the higher Ascomycetes from Colombia and Venezuela. Mycologia 36:429-59, 1944 (corrected in 37:389-90, 1944)

Genus

Phaeotrabutia 1941

Species (23)

Anisochora chardonii 1941

Asterina solanacearum 1944

Asterinella bredemeyerae 1944

Catacauma cabali 1941

Coccodiella miconiicola 1944

Lembosia perseae 1944

Meliola antioquiensis 1944

Meliola venzeuelana 1944

Meliola xylosmanticola 1944

Meliola xylosmica 1944

Microthyrium phoradendri 1944

Microthyrium rhombisporum 1944

Parodiopsis bicornata 1944

Phaeotrabutia isabelae 1941

Phyllachora abutilonis 1944

Phyllachora chusqueana 1941

Phyllachora clavata 1944

Phyllachora gynericola 1944

Phyllachora murilloi 1941

Phyllachora rapaneicola 1941

Polyrhizon capparidis 1944

Schiffnerula robusta 1944

Sphaerodothis meriania 1944

Uleodothis eupatoricola 1941

Carlos Graef Fernandez

February 29, 2024

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

Carlos Graef Fernandez, Mexican mathematician and physicist (Guanaceví, Durango State 25 February 1911 – Ciudad de Mexico 13 January 1988)

From German descent

Authored 17 papers

Performed important works about gravitation

His doctoral thesis in Massachusetts Institute of Technology (MIT) about periodic paths of cosmic rays gained international level (1935)

Demonstrated that there is a number of possible motions in the plane of magnetic equator of Earth

Obtained simple mathematical formulas to describe equatorial periodic orbits

First to treat a problem of differential equations in three dimensions (1940)

Gave an explanation about curvature of luminous rays and the red shift to spectral rays

Solved the problem of two-body in gravitational theory

HONORS

National Science Prize, American Mathematical Society (1970)

Carlos Guido Bollini

February 26, 2024

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

Carlos Guido Bollini, Argentine physicist (Lomas de Zamora, Buenos Aires Province 15 January 1926 – Buenos Aires 12 October 2009)

Authored over 100 papers

ACHIEVEMENTS

Invented analytical regularization method

With J.J. Giambiagi & A. Gonzalez Dominguez. Analytic regularization and the divergence of quantum fields theories. *Nuovo Cimento* 31:550-61, 1964

Invented dimensional regularization method

With J.J. Giambiagi. Dimensional Regularization. *J. Nuovo Cimento* 12 B:20, 1972

Eponym of Bollini-Giambiagi potential

OTHER CONTRIBUTIONS

With J.J. Giambiagi. A differential equation for the self-energy in momentum space. *Phys. Lett.* 10(2):219-21, 1964

With F.F. Grinstein. A summation procedure for expansions in orthogonal polynomials. *Rev. Bras. Física* (1977)

With J.J. Giambiagi. Relations between effective potentials in different dimensions. *Phys. Lett. B* 134(6):436-8, 1984

With J.J. Giambiagi. Lagrangian procedures for higher order field equations (1986)

With J.J. Giambiagi & O. Obregon. Criteria to fix the dimensionality corresponding to some higher derivative Lagrangians. *Modern Phys. Lett. A* 7(7):593-9, 1992

With D.G. Barci, L.E. Oxman & M.C. Rocca defined non local pseudo-differential operators acting on a space of analytic functionals and showed how to solve homogeneous and inhomogeneous equations associated with these operators (1998)

With L.E. Oxman & M.C. Rocca. Equivalence theorem for higher order equations. *Int. J. Theoret. Physics* 37(11):2857-75, 1998

With T. Escobar & M.C. Rocca gave a general definition of convolution between two arbitrary tempered ultra distributions (1999)

With M. Giambiagi, M.S. de Giambiagi & A.P. de Figueiredo. Graphical linking of MO multicenter bond index and VB structures. II-5-c rings and 6-c heterocyclic rings. *Struct. Chem.* 12(2):113-20, 2001

With M.C. Rocca. Superstring and superstring field theory: a new solution using ultra distributions of exponential type. *Int. J. Theor. Physics* 48(4):1053-69, 2009

With M. Giambiagi, Segre de Giambiagi & J.J. Giambiagi. On a SC method for determining bond orders in alternant hydrocarbons.

HONORS

Physics Nobel Prize nominee

Carlos Guillermo Aguayo y Castro

February 25, 2024

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

Carlos Guillermo Aguayo y Castro, Cuban malacologist & entomologist (Habana 19 December 1899 – 12 February 1982)

DESCRIBED MOLLUSCA TAXA

Genera

Haitia 1932 (with Clench)

Pseudopineria 1938

Jaumeia 1943

Torreviana 1943

Bathyspira 1946 (with Borro)

Canimarina 1946 (with Borro)

Climacina 1946 (with Borro)

Parachondrodes 1946 (with Clench)

Cupulella 1948 (with Jaume)

Glyptemoda 1950 (with Clench)

Guladentia 1951 (with Clench)

Bakerviana 1957 (with Jaume)

Semitrochatella 1958 (with Jaume)

Species

More than 100 species and subspecies in Living / Fossil Mollusca

Described 10 new species of Cuban Hymenoptera too.

HONORS

Aguayoaster Roig 1952 (Fossil Echinodermata)

Aguayoina Bermudez 1939 (Foraminifera)

Aguayomiris Maldonado Capriles 1987 (Hemiptera)

Aguayodiscus Jaume & Borro 1946 (Mollusca) Subgenus

Aguayotudora Torre & Bartsch 1941 (Mollusca) Subgenus

Aguayoceramus Torre & Bartsch 1943 (Mollusca) Subgenus

Carlos Henrique Liberalli

March 6, 2024

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

Carlos Henrique Robertson Liberalli, Brazilian pharmacist (Rio de Janeiro 13 September 1909 – Rio de Janeiro 26 September 1970)

Authored over 200 works on pharmacotechnics, pharmacognosy, phytochemistry, analytical chemistry of medicines, etc.

METHODS / COMPOUNDS

Discovered quinine guaiacolate in Uma incompatibilidade da quinina. A Gazeta da Farmácia 91:24, 1939

Suggested improvements in Martini's technique for dosage of spartein

Metodos de determinação de coeficientes nas equações químicas

Um novo composto de quinina e resorcinol. Rev. Bras. Farm. 25(1):73-6, 1944

Nova reação para ácidos-alcoois

How to avoid the oxidation of adrenaline in pharmaceutical preparations. Bol. Assoc. Bras. Pharm. 15:447-52, 1934

Em torno de dois novos alcalóides do curare. An. Soc. Farm. Quim. S. Paulo 5(1):9-19, 1940

MEMBERSHIP

Effective Fellow, American Pharmaceutical Association

Honorary Fellow, Deutsches Pharmazeutische Gesellschaft

Carlos Herrera Rojas

February 29, 2024

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

Carlos H. Herrera Rojas, Peruvian plant physiologist

SOME BIBLIOGRAPHY

Control of *Spilanthes urens* Tacq. "Turre macho" by means of hedonal herbic amine salt of 2,4 d-herbic for its eradication of cultivated fields. Archivos Biol. Med. Exp. 2:18-19, 1969

Eradication of *Distichilis spicata* "grama salada" by means of 2,2 di-chloro-propionic acid dowpon herbic. Archivos Biol. Med. Exp. 2, 1969

HONORS

Herreramyxa Skvortzov 1972 (Xanthophyceae)

Carlos Heuser

February 29, 2024

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

Carlos Heuser, Argentine radiologist (Buenos Aires 08 February 1868 – Buenos Aires 28 March 1934)

First to use a contrast medium in the human vessels (first venography and pulmonary angiography)

Pielografia con yoduro de sodio y las inyecciones intravenosas de yoduro potasico en radiografia. Sem. Med. 26:424, 1919

First to use Lipiodol (iodized oil) to create a radiograph of uterine cavity creating hysterosalpingography by Lipiodol (1921)

Developed a hysterosalpingography method employing Lipiodol and Vaseline (1924)

Lipiodol in the diagnosis of pregnancy. The Lancet 206 (5335): 1111-2, 1925

La metrosalpingografia. Sem. Med. 33:1667-71, 1926

Introduced a protective mask for use during x-ray utilization

Responsible for many improvements in the field of radiology

HONOURS

Gold Medal, Radiological Society of North America (1931)

Carlos José Pereira de Lucena

March 6, 2024

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

Carlos José Pereira de Lucena, Brazilian computer scientist (Recife 30 September 1943 –

Authored over 450 publications and 19 books

ACHIEVEMENTS

With E. Almentero & J.C.S. Prado proposed an approach which derives software modularity based on requirements engineering representations in which provide modularity as a consequence of a rectification process (2014)

With B.B.P. Cafeo, F. Dantas, A. Gurgel et al. performed the first exploratory analysis on the use of programming techniques to implement and evolve feature dependencies (2012)

With E. Cirilo, I. Nunes & U. Kulesza proposed the use of multi-level models to support the configuration knowledge specification and automatic product derivation of multi-agent systems product lines (2012)

With C. Nunes, A. Garcia & J.J. Lee proposed history-sensitive heuristics for the recovery of features in code of degenerate program families (2012)

With I. Nunes & S.D.J. Barbosa proposed a general architecture for developing user-customizable agent-based systems (2010)

With D.B.F. Carvalho & C.C. Ribeiro proposed the use of frameworks for the development of agent-oriented systems without the need of programming them directly (2007)

With R. Paes, G. Carvalho & R. Choren proposed to incorporate the dependability explicit computing ideas into a law-governed approach in order to build a dependable open multi-agent system (2007)

With U. Kulesza, V. Alves, A.F. Garcia & P. Borba proposed the concept of Extension Join Points as a way of designing and documenting crosscutting extension points (2006)

With M. Cortés & M. Fontoura introduced the concept of extension rules and proposed its use in combination with refactoring approach to support framework evolution (2006)

With C. Chavez, A. Garcia, U. Kulesza & C. Sant'Anna presented crosscutting interfaces as a conceptual tool for dealing with the complexity of heterogeneous aspects at the design level (2005)

With A.A.F. Brandão & V.T. Silva proposed the definition of an ontology based on the language metamodel to provide a formal specification of multi-agent systems (2005)

With A. Garcia, C. Sant'Anna, C. Chavez, V.T. Silva & A. Von Staa found that aspects supported a better alignment with higher-level abstractions from agent-oriented design models (2004)

With J.A.R.P. Sardinha, R.L. Milidiú & A.F. Garcia presented a design pattern that guides the structure of the learning property to object oriented design (2004)

With M. Cortés & M. Fontoura proposed the use of refactoring and unification rules to assist framework evolution (2003)

With P.S.C. Alencar & D.D. Cowan named abstract design objects (2002)

With O. Silva & A.F. Garcia proposed the Reflective Blackboard architectural pattern for large multi-agent systems (2002)

With M.J.C. Lute introduced the concept of Object Circuits, a programming technique that addresses traditional object-oriented programming through the electric circuits metaphor (2002)

With C.H. Levy, L.H. de Figueiredo & D.D. Cowan designed IUD/LED, a portable user interface toolkit (1996)

With P.S.C. Alencar, D.D. Cowan & L.C.M. Nova presented a new concept of object-oriented design for the specification of interfaces called abstract data views (1995)

With P.S.C. Alencar, D.D. Cowan & L.C.M. Nova presented abstract data views, a new concept of object-oriented design for the specification of interfaces (1995)

With L.M.F. Carneiro & D.D. Cowan introduced ADV charts, a new visual formalism for specifying the behavior of interactive systems (1993)

With R.C.B. Martins, P.A.S. Veloso & D.D. Cowan presented a new programming method, the data transform programming method (1984)

With T.S.E. Maibaum generalized the concept of abstract data type suitable for modelling situations containing multiple levels of functionality (1980)

With T.S.E. Maibaum introduced the concept of a higher order data type (1980)

With T.H.C. Pequeno introduced the notion of an incomplete definition of a data type at a high level of abstraction (1979)

With B.A. de Maria & V.T. Silva proposed the use of MDA in the development of multi-agent systems

With J.A.R.P. Sardinha, A. Garcia & R.L. Milidiú presented the Agent Learning Design Pattern that guides the object-oriented design of machine learning algorithms in software design

With C.H. Felicissimo presented a generic normative ontology as a regulatory mechanism for open multi-agent systems

With T. Batista, C. Chavez, A. Garcia, U. Kulesza & C. Sant'Anna presented the Aspectual Connector, a special kind of architectural connector

Developed at least 10 new frameworks, 5 languages and 3 environments

HONOURS

Nominee Fellow, Association for Computing Machinery (2014)

ACM Distinguished Scientist (2009)

IBM Faculty Award (2004 & 2008)

IBM Eclipse Innovation Award (2004 & 2006)

Research Fellow, Fraunhofer Institute for Computer Architecture and Software Technology (2003)

Carlos Juan Finlay

February 28, 2024

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

Carlos Juan Finlay y Barres, Cuban microbiologist and epidemiologist (Camaguey 03 December 1833 – La Habana 19 August 1915)

From Scottish father and French ancestry mother

ACHIEVEMENTS

Authored 187 articles

Determined hydric origin of cholera (1873) independently from Snow researches

Transmisión del colera por medio de las aguas corrientes cargadas de principios específicos. An. Acad. Cien. Habana 10:159-170, 1873

Developed a new method for extraction of cataract

Consideraciones generales sobre la extracción de catarata y descripción de um nuevo método operatório. Anal. Acad. Cien. Med. Fis. Nat. La Habana 12:285-66, 1875-6

Identified *Aedes aegypti* as etiological vector of yellow fever

El mosquito hipoteticamente considerado como agente de transmisión de La fiebre amarilla. An. Acad. Cien. Habana 18:147-169, 1881

With F. Poey concluded that female mosquitoes transmitted the yellow fever

Proposed a modification of Hayem-Nachet hemocytometer (1881)

Conceived a practical method for infant tetanus proposing aseptic package for treatment of umbilical cord (1903)

A plausible method of vaccination against yellow fever. Philadelphia Med. J.

Proposed criteria about the leukocytes function in cellular nourishment and in the formation of toxins, lysines and antibodies (1904)

Enunciated his ideas about gravitation

Nueva teoría da gravitación. Anales Real Acad. Cien. Med. Fis. Nat. La Habana 11:429-41, 1874

Nota adicional a la Nueva teoría da gravitación. Anales Real Acad. Cien. Med. Fis. Nat. La Habana 11:469-75, 1874

HONORS

Mary Kingsley Medal, School of Tropical Medicine, London (1907)

Genus *Finlaya* Theobald 1903 (Diptera)

Medicine and Physiology Nobel Prize nominee for 7 times (1905, 1906, 1907, 1912, 1913, 1914 and 1915)

Carlos Larralde Rangel

March 6, 2024

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

Carlos Larralde Rangel, Mexican immunopathologist (Monterrey, Nuevo León State 11 April 1938 – Ciudad de Mexico 04 January 2015)

CONTRIBUTIONS

Showed that immune cells communicate and regulate each other in every immunological event

In vitro mitotic activity of unsensitized lymphocytes in the presence of antigens and sensitized lymphocytes. *Proc. Soc. Exp. Biol. Med.* 133:1175-7, 1970

Showed the role of antigen valence in the probability of binding to its antibody and the quantitative description of the actual distribution of affinities in an antibody population

With M.V. José. Alternative interpretation of unusual Scatchard plots: contribution of interactions and heterogeneity. *Mathem. Biosciences* 58(2):159-70, 1982

With G. Fragoso & E. Sciutto developed S3Pvac vaccine against porcine and murine cysticercosis

With M. Viveros, C. Dickey, J.P. Cotropia, G. Gevorkian, K. Broliden et al. Characterization of a novel human immunodeficiency virus type 1 neutralizable epitope within the immunodominant region of gp41. *Virology* 270(1):135-45, 2000

First report of the detection and functionality of AP-1 transcription factor genes in any species of helminth parasites

With J. Morales-Montor, G. Escobedo, M. Rodríguez-Dorantes, N. Tellez-Ascencio & M. Cerbón. Differential expression of AP-1 transcription factor gene c-fos and c-jun in the helminth parasites *Taenia crassiceps* and *Taenia solium*. *Parasitology* 129 (2), 2004

With J. Morales-Montor, G. Escobedo & J.A. Vargas-Villavicencio. The neuroimmunoendocrine network in the complex host-parasite relationship during murine cysticercosis. *Curr. Top. Med. Chem.* 8(5):400-7, 2008

METHODS

With A. Flisser & J.P. Laclette developed serum and stool tests for taeniasis using polyclonal antibodies

With L. Huerta, E. Lannoyi & A. Baez Saldaña. Human immunodeficiency virus envelope-dependent cell-cell fusion: a quantitative fluorescence cytometric assay. *Cytometry* 47(2):100-6, 2002

With G.G. Gevorkian, M. Viveros & F. Zamudio. Solid-phase synthesis of a peptide comprising the 605-611 disulfide loop of gp41, transmembrane glycoprotein of human immunodeficiency virus type I (HIV-I). *Oppi Briefs* 27(3):375-7, 1995

With G. Fragoso, F. Valdez, Y. Rosenstein, T. Govezenensky & E. Sciutto. Immunoenzymatic assay that measures the expression of murine histocompatibility antigens in macrophages and lymphocytes. *J. Clin. Lab. Analysis* 7(6):348-52, 1993

With E. Sciutto, B. Garat & E. Ortega. Antibody heterogeneity: theoretical and experimental evaluation of a simple procedure to describe differing affinities in hapten binding reactions. *Mol. Immunol.* 24(6):577-85, 1987

MEXICAN PATENTS

With G.C. Fragoso Gonzalez, M. Hernandez Gonzalez, A. Schuneman de Aluja, N. Martínez Villalobos, J.E. Sotelo Morales, E.L. Sciutto Conde, K. Manoutchian Airapetiani, G. Gevorkian Markosian, E. García Mendoza & M.A. Huerta Orea. Tres péptidos sintéticos para utilizarse en la vacunación y diagnóstico de cisticercosis por *Taenia solium* MX1998005424, MX2002007436, MX2002007437 & MX2002007438

With J.P. Laclette, R.M. Montoya, T. Govezenensky, M.L. Díaz Servín & F. Goodsaid Zalduendo. Procedimiento para la obtención de los antígenos del fluido vesicular del cisticerco de la *Taenia solium* P170506 (1993)

HONORS

Larraldiella Brailovsky 1999 (Hemiptera)

LINKS

<http://www.100.unam.mx/pdf/carlos-larralde-rangel.pdf>

Carlos Leopoldo Azcuay

February 25, 2024

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

Carlos Leopoldo Azcuay, Argentine palynologist and palaeobotanist (23 August 1932 –

DESCRIBED NEW FOSSIL TAXA

Plantae

Genus

Bumbudendron 1981 with Archangelsky & Wagner

Malanzania 1981 with Archangelsky & Wagner

Species

Bumbudendron nitidum 1981 with Archangelsky & Wagner

Bumbudendron paganzianum 1981 with Archangelsky & Wagner

Gilboaphyton argentinum 2006 with Carrizo

Malanzania nana 1981 with Archangelsky & Wagner

Nothorhacopteris kellybelenensis 1993 with Suarez-Soruco

Protohaploxylinus riojanus

Sporae & Pollen

Genera

Ancistrospora 1972 with Menendez

Circumplectipollis 1998 with Ottone

Irmosporites 1969 with Menendez

Species

Acanthotriletes plicatus 1975

Anapiculatisporis argentinensis 1975

Anaplanisporites variornatus 1990 with Ottone

Ancistrospora inordinata 1972 with Menendez

Ancistrospora spinosa 1972 with Menendez

Ancistrospora verrucosa 1972 with Menendez

Apiculatisporis variornatus 2003 with Di Pasquo & Souza

Apiculatasporites caperatus 1969 with Menendez

Apiculatasporites parviapiculatus 1975

Apiculiretusispora coalescens 1973 with Menendez

Apiculiretusispora laxa 2006 with Amenabar, Di Pasquo & Carrizo

Apiculiretusispora papillata 1971 with Menendez

Apiculiretusispora ralla 1971 with Menendez

Apiculiretusispora sparsa 1971 with Menendez

Apiculiretusispora tuberculata 1975

Apiculiretusispora variornata 1971 with Menendez

Calamospora multiplicata 1969 with Menendez

Calamospora magnifica 1975
Circumplectipollis plicatus 1988 with Ottone
Cristatisporites menendezii 1972 with Menendez
Cristatisporites peruvianus 2005 with Di Pasquo
Cristatisporites spinosus 1972 with Menendez
Cyclogranisporites australis 1975
Cyclogranisporites microgranulatus with Menendez
Densosporites stellatus 1975
Dictyotriletes anisopolaris 1973 with Menendez
Endosporites rhytidosaccus 1973 with Menendez
Florinites flaccidus 1973 with Menendez
Geminospore microgranulata 1971 with Menendez
Granulatisporites varigranifer 1971 with Menendez
Hymenozonotriletes pseudoreticulatus with Ottone
Irmosporites circumpolaris 1969 with Menendez
Kraeuselisporites malanzanensis 1975
Kraeuselisporites volkheimerii 1975
Leiotriletes petilus 1971 with Menendez
Leiotriletes tenuis 1975
Lophotriletes intermedius 1975
Lophotriletes modicus 1975
Microreticulatisporites inaequalis 1973 with Menendez
Perisaccus angustus 1973 with Menendez
Phyllotecotriletes aggregatus 1969 with Menendez
Punctatisporites genuinus 1975
Punctatisporites humilis 1975
Punctatisporites irregularis 1975
Punctatisporites pseudofoveosus 1975
Punctatisporites trivialis 1975
Pustulatisporites excentricus 1975
Pustulatisporites malimanensis 2006 with Amenabar, Di Pasquo & Carrizo
Raistrickia paganciana 1975
Raistrickia rotunda 1975
Retusotriletes anfractus 1969 with Menendez
Retusotriletes indignus 1975
Retusotriletes simplex 1969 with Menendez
Secarisporites irregularis 1975
Spinozonotriletes hirsutus 1975
Stenozonotriletes menendezii 1975
Verrucosisporites minutus 1971 with Menendez

Others (Mollusca)

Species

Barrealispira tupensis 1990 with Sabbattini & Ottone

Hyolithes malimanensis 2001 with Sabbattini & Carrizo

Mourlonia punillana 2001 with Sabbattini & Carrizo

Mourlonia sanjuanensis 1990 with Sabbattini & Ottone

Paraconularia anteloi 2001 with Sabbattini & Carrizo

Carlos Lisson Beingolea

March 6, 2024

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

Carlos Ismael Lisson Beingolea, Peruvian geologist and paleontologist (Lima 17 September 1868 – Lima 18 March 1947)

DESCRIBED NEW MOLLUSCA TAXA

Genera

Capeloites 1937

Limautes 1924

Pfluckeria 1924

Species

Argentiniceras pardo

Berriasella limensis

Berriasella peruviana

Buchotrigonia gerthi 1930

Buchotrigonia paradisensis 1925

Buchotrigonia steinmanni 1930

Capeloites laroza 1937

Cosmoceras limense 1925

Crassatella acuta 1925

Diplocraterion habichi 1904

Dobrodgeiceras broggianum 1937

Favrella lorensis

Glottoceras raimondii 1908

Heterotissotia peroni 1908

Hoplites douvillei 1907

Knemiceras raimondii 1908

Lenticeras baltai 1908

Leopoldia peruviana

Lissonia riveroi

Nerita ualanensis

Nerita variegata

Parengonoceras tetranodosum 1925

Raimondiceras pfluckeri

Roudaireia bruggeni 1925

Thurmanniceras douvillei

Tissotia steinmanni 1908

Turritella portaro 1925

Turritella woodsi 1925

HONORS (Fossil Cephalopoda)

Acantholissonia Leanza 1972

Lissonia Gerth 1925

Lissonites Tozer 1970

Carlos Lizer y Trelles

March 6, 2024

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

Carlos Alfonso Lizer y Trelles, Argentine entomologist (Buenos Aires 05 August 1887 – Vicente López, Buenos Aires Province 18 August 1959)

DESCRIBED HEMIPTERA TAXA

Genera

Eudinaspis 1942

Lecaniodiaspis 1938

Macracanthopyga 1955

Species

Alichtensia misiones 1942

Calophya williamsoni 1943

Ceroplastes bruneri 1939

Ceroplastes hempeli 1919

Ceroplastidia leonardiana 1939

Coccus deltae 1917

Crenulaspidotus lahillei 1917

Duplaspidiotus koehleri 1954

Eriophyes brethesi 1917

Eudinaspis joergenseni 1942

Eulecanium perinflatum 1939

Greenoidea lahillei 1939

Gyropsylla spagazziniana 1919

Hemiberlesia latastei 1942

Hypogeococcus festerianus 1942

Lecanium deltae 1939

Macranthopyga verganiana 1955

Mesoleucanium viticis 1939

Neopsylla erythrinae 1918

Notophorina fuegensis 1955

Parlatoreopsis argentata 1942

Pseudophilippia lanigera 1942

Psylla huldae 1955

Solenococcus haywardi

HONORS (Hemiptera)

Genus *Lizerius* Blanchard 1923

Subgenus *Lizerocallis* Sousa e Silva & Ilharco 2003

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. 5th 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. Breñaza. 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](#) 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 Moreira

April 3, 2024

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

Carlos Moreira, Brazilian carcinologist and entomologist (Rio de Janeiro 07 October 1869 – Rio de Janeiro 07 April 1946)

First to observe *Sitophilos oriza* (Coleoptera) attacking bunches of grapes (1900)

Embriologie du *Cardisoma guanhum* Latr. Mem. Soc. Zool. France 25:145–61, 1912 (a classical work)

DESCRIBED VALID TAXA

Crustacea

Genus

Evius 1912

Species

Dissodactylus crinitichelis 1901

Evius rubes 1912

Hyaella pernix 1903

Hemisquilla braziliensis 1903

Loxopagurus loxochelis 1901

Metanephrops rubellus 1903

Moreirocarcinus laevifrons 1901

Nanosesarma batavicum 1903

Philoscia briani 1927

Porcellionides schwencki 1932

Trichodactylus parvus 1912

Dermaptera

Genus

Forcepsia 1930

Species

Ancistrogaster mendesi 1930

Brachylabis punctulata 1931

Carcinophora brasiliensis 1931

Carcinophora croceipes 1930

Carcinophora minima 1931

Cosmiella brasiliensis 1930

Euborellia flavipes 1931

Euborellia inermis 1931

Euborellia nitida 1932

Forcepsia pulla 1930

Opisthocosmia silvestris 1930

Praos paulensis 1932

Strongylopsalis dubia 1932

Vostox dubius 1931

Others

Eryciini brasiliensis 1915 (Diptera)

Geopemphigus fluoccosus 1925 (Hemiptera)

Masicera brasiliensis 1915 (Diptera)

Microparsus (Picturaphis) brasiliensis 1925 (Hemiptera)

Passalus gravelyi 1922 (Coleoptera)

HONORS

Moreiradromia Guinot & Tavares 2003 (Crustacea)

Moreirocarcinus Magalhães & Turkay 1996 (Crustacea)

Moreira & *Moreiranula* Roewer 1930 (Arachnida)

Moreiria Townsend 1932 (Diptera)

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)

Einstein 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, bidges 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 (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](https://neglectedscience.com/category/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 García, MA, Diccionario Histórico-Enciclopédico 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 Agricola 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 Ribeiro Diniz

February 27, 2024

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

Carlos Ribeiro Diniz, Brazilian toxinologist (Luminarias, Minas Gerais State 02 February 1919 – Belo Horizonte 08 September 2002)

ACHIEVEMENTS

Isolated and characterized neurotoxins from spiders and scorpions venoms

With J. Moura Gonçalves isolated and characterized the active compounds of venom from *Tityus serrulatus* such as tityustoxin

With J. Torres discovered that pre-synaptic action of venom from *Tityus serrulatus* is due to acetylcholine release

Developed the first dosage method of bradykininogen in blood

With I. F. de Carvalho & M. Rocha e Silva. A micromethod for determination of bradykininogen in blood plasma under several physiological and pathological conditions. *Nature (UK)* 192:1194-5, 1961.

With I.F. de Carvalho. A micromethod for determination of bradykininogen under several conditions. *Ann. New York Academy of Sciences* 104(1):77-88, 1963.

First to obtain data about kinetic behavior of kynin-releasing enzymes

With M. Mares Guia. Alguns aspectos do estudo bioquímico das cininogeninas. *Rev.Assoc. Med. Minas Gerais* 19:40-52, 1968.

With J. Coutinho-Netto. Properties of tityustoxin obtained by a new method of purification. *Anais Acad. Bras. Ciencias* 46:699, 1974.

With C. Chavez-Olortegui and C.S. Lopes et al. An enzyme linked immunosorbent assay (ELISA) that discriminates between *Bothrops atrox* and *Lachesis muta* venoms. *Toxicon* 31(4):417-25, 1993.

With D.A.M. Araújo, M.N. Cordeiro, M. Richardson & P.S.L. Beirão. A novel class of polypeptide toxin modifies sodium current inactivation and activation in isolated skeletal muscle. *Journal of Physiology* 467:365, 1993.

With J.C. R. Oliveira, L.M. Silva and et al. A method for the determination of snake venoms toxicity in vitro using cell culture. In 5 Simposio da Soc. Bras. Toxin., Angra dos Reis, rio de Janeiro, 1998.

With R. A. Mafra, S.G. Figueiredo et al. Ph Tx4, a new class of toxins from *Phoneutria nigriventer* spider venom inhibits the glutamate uptake in rat brain synaptosomes. *Brain Research* 831(1-2):297-300, 1999.

Held 2 patents

OFFICES

President, International Society on Toxinology (1976-7)

Carlos Rivero Solar

April 23, 2024

[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 Roberto Gonzalez

February 29, 2024

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

Carlos Roberto Gonzalez, Argentine paleontologist and biostratigrapher (Tucumán 15 January 1940 –

DESCRIBED FOSSIL MOLLUSCA TAXA

Genera

Amosius 2004 with Waterhouse

Malimania 1994

Orbiculopecten 1978

Sueroa 2006

Waterhouseus 2010

Species

Acanthopecten jaguelensis 1997

Amosius harringtoni 1978

Aphanaia precura 2012 with Waterhouse

Atomodesma amleri 2012 with Waterhouse

Cypricardina precordillerana 1997

Etheripecten saraviae 2006

Euchondria sabattinae 1971

Heteropecten anteloi 1997

Heteropecten cortignasi 2006

Hyolithes amosi 1972 with Sabattini

Leptodesma (Leiopteria) aredesi 2006

Leptodesma (Leiopteria) variabilis 1977

Leptodesma (Leiopteria) veladerensis 1992

Malimania patagoniensis 1969

Malimania triangularis 1994

Merismopteria salinensis 1975

Myofossa antiqua 1977

Myofossa calingastensis 2002

Myonia prinsi 2010

Nuculopsis (Nuculanella) camachoi 1972

Nuculopsis (Nuculopsis) patagoniensis 1969

Orbiculopecten parma 1978

Orbiculopecten taboadai 2002

Oriocrassatella andina 2002

Oriocrassatella piauiensis 2012 with Anelli, Simões & Souza

Oriocrassatella sanjuanina 1976

Palaeolima alata 1997

Palaeolima antinaoensis 1972
Palaeoneilo amosi 1977
Palaeoneilo subquadratum 1994
Parallelodon quichaurensis 2006
Posidoniella malimanensis 1994
Praeundulomya moreli 2006
Promytilus grandis 2002
Promytilus patagonicus 1975
Pyramus primigenius 1972
Pyramus tehuelchis 1972
Sanguinolites freytesi 1977
Sanguinolites punillanus 1994
Sanguinolites turneri 1977
Schizodus arrondoi 1992
Schizodus paucus 1977
Streblopteria montgomeryi 2006
Striochondria sueroi 1969
Stutchburia iglesiaensis 1976
Sueroa andreisi 2006
Sueroa chubutensis 1969
Waterhouseus keideli 2010
Waterhouseus tepuelensis 1969

HONORS

Gonzalezius Taboada 2004 (Fossil Brachiopoda)

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

Carlos Rodolfo Schreiter

June 27, 2024

[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 Calchaquíes (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](#) 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

Brasilochoerus 1930

Interchoerus 1930

Macrocavia 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 S. Carbonell

February 26, 2024

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

Carlos Salvador Carbonell Mas, Uruguayan entomologist (Montevideo 22 December 1917 – Montevideo 15 August 2019)

DESCRIBED ORTHOPTERA GENERA

Albinella 2002

Albrechtia 1978 with Descamps

Atacamacris 1972 with Mesa

Baeacris 1977 with Fraser & Rowell

Carrascotettix 1995

Costalimacris 1988 with Seabra

Digamacris 1989

Episomacris 1978 with Descamps

Eucosmetacris 1978 with Descamps

Eulampiacris 1978 with Descamps

Haroldgrantia 1967 with Ronderos & Mesa

Hippariacris 1978 with Descamps

Illapelina 1972 with Mesa

Jagomphacerus 1995

Kyphiacris 1978 with Descamps

Lamiacris 1978

Leptoteracris 1978 with Descamps

Limacridium 1988 with Seabra

Nepiopteracris 1978 with Descamps

Orotettix 1994 with Ronderos

Pseudaristia 2002

Radacridium 1984

Rehnuciera 1969

Ronderosacris 1978 with Descamps

Rowellia 2002

Scyllinula 1995

Staleochlora 1992 with Roberts

Stenelutracris 1978 with Descamps

Tepuiacris 2002

Tingomariacris 1978 with Descamps

HONORS

Carbonellia Mateu 1968 (Coleoptera)

Salvadoracris Costa 2006 (Orthoptera)

Carbonellis Bentes Pereira 2006 (Orthoptera)

Carbonellacris Roberts 1978 (Orthoptera)

Carbonelliella Cadena-Castañeda & Cardona 2015 (Orthoptera)

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. Mekan. 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

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 septoriosiis 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 terebinthifolia*)

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

Pucciniosira 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

Chioendaea 1916

Delpinophytum 1903

Halophytum 1902

Lecanophora 1926

Maihueniopsis 1925

Notiosciadium 1924

Oxyosmyle 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 clínica. 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 patología, fisiología patológica y sus aplicaciones a clínica (1938)

La reacción frenica de las hemorragias en 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 histofisiológica. Síntesis de nuestra orientación en cancerología (1931)

With D. Bennati & B. Pertuzzo. Les facteurs déterminants du choc opératoire dans les désarticulations de la hanche (1930)

El cuadro agudo de vientre. Thesis (1925)

Trofismo y cancer: contribución clínica y experimental (1925)

Sistema nervioso y precancer (1921)

With J. Estable. Les altérations nerveuses du métamère 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 apendicectomía sin encapuchonamiento del muñón

Carlos Stuardo Ortiz

June 27, 2024

[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

Hymophaeoba 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 achirensense 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](#) 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](#) 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 Lelia Cristobal

February 26, 2024

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

Carmen Lelia Cristóbal Cañé, Argentine botanist (Tafi Viejo, Tucuman Province 01 December 1932 –
Married to botanist Antonio Krapovickas

DESCRIBED PLANTAE TAXA

Sterculiaceae

Genera

Megatritheca 1965

Rayleya 1981

Sections

6

Species

87

Malvaceae

Section

Lebretonia (1962) with Krapovickas

Species

20 espécies

HONORS

Cristobalia Morillo, Caceres & Keller 2015 (Apocynaceae)

Carmen Pujals

August 25, 2024

[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](#) 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)

Carmina da Cruz Landim

March 6, 2024

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

Carmina da Cruz Landim, Portuguese-born Brazilian animal morphologist (Figueira de Penacova, Beira Litoral Province, Portugal 06 August 1935 –

DESCRIBED NEW STRUCTURES IN

Hymenoptera

With F.C. Abdalla & M.L.F. Gracioli Vitti. Anatomy and histology of the Dufour and venom glands of *Augochloropsis graminea* Fabricius 1804. *Naturalia* (2003) (first time to be described some globular enlargements placed along the secretory filaments in bee venom glands)

With K. Patricio. Morphological aspects of cell reabsorption in laying queens and workers of *Apis mellifera* (Hymenoptera, Apidae). *Iheringia Ser. Zool.* 98(4), 2000 (described and named corpus luteus and corpus atresicus in ovaries of queens and nurse workers of this species)

With R.D. Reginato. Preliminary report on the presence of tegumentary glands in the thorax of Meliponinae bees (Hymenoptera, Apidae). *Rev. Bras. Biol.* 59(1), 1999 (first report of glandular cells in the lateral tegument of the mesothorax of Meliponinae bees)

With A.C. Guerino. A new type of sternal gland present in *Oxaea flavescens* (Hymenoptera, Oxaeinae): location and histology. *Cytobios* 97:71-7, 1999

With F.C. Abdalla, H. Velthuis & M.J. Duchateau. A new class of exocrine glandular cell in insects: Dufour's gland cell of the bumble bee *Bombus terrestris* L. (Hymenoptera, Bombini). *Acta Microscopica* 8:493-4, 1999

With A.C. Guerino. Ultrastructure of a tegumentary gland present in 5th ventral segment of the abdomen of *Euglossa cordata* (Hymenoptera, Apidae, Euglossinae). *Acta Microscopica* 6:602, 1997

With J.E. Serrão. A specialized midgut region in stingless bees (Hymenoptera: Apidae: Meliponinae). *Biocell* 20:227-34, 1996

With R.L.M. Silva de Moraes. Ultrastructural localization of new exocrine glands in legs of social Apidae (Hymenoptera) workers. *J. Adv. Zool.* 15(2):60-7, 1994

An unusual lamellar envelop from the ventricular muscle fibers of *Apis mellifera* (Hymenoptera, Apidae). *Rev. Bras. Entomol.* 28:465-72, 1984

Others

With E.W. Kitajima. Uma estrutura peculiar em cutículas de lipídeos nas células foliculares de *Coffea* sp. *Bragantia* 27(19):78-84, 1968

Significado dos núcleos acessórios que ocorrem em ovócitos de insetos. Estudo em *Atta sexdens* (Hymenoptera, Formicidae). *Resumos XVIII Congr. Bras. Zool.* (1986)

HONORS

Carmina Dias 1998 (Lepidoptera)

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

Pseudoquineserialis 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

Pseudoquineserialis 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)

Caroloxymyctera Jimenez-Ruiz & Gardner 2003

Cassiano Conzatti

February 26, 2024

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

Cassiano Conzatti, Italian-born Mexican botanist (Comune di Civezzano, Trento Province 13 August 1862 – Oaxaca 02 March 1951)

DESCRIBED PLANT SPECIES

Bumelia eloxochitlensis 1941 with R.E. Schultes

Bumelia eriocarpa 1912 with Greenman

Croton zavaletae

Cyperus penicillatus 1943

Dictyanthus tigrinus 1924 with Standley

Habenaria arachnea 1947

Habenaria rotundifolia 1947

Heliconia pochutlensis 1947

Iresine herrerae 1918 with Blake

Jacquemontia sinuata 1897 with L.C. Smith

Polypodium oaxacanum 1946

Sysirinchium longispathum 1947

HONORS

Conzattia Rose 1909 (Fabaceae)

Cassio Bottura

February 26, 2024

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

Cássio Bottura, Brazilian cytogeneticist and hematologist (Matão, São Paulo State 20 January 1920 – Ribeirão Preto, São Paulo State 26 January 1988)

ACHIEVEMENTS

Published nearly 60 works

Co-authored the first publication reporting a megaloblastic change that complicated the course of hemolytic anemia in sickle cell anemia, 8 years ahead of international literature

The first report about sickle cell anemia without gastric achylia

With M. Jamra & L.M. Ferreira. Anemia falciforme: considerações em torno de um caso (1944)

Introduced the use of glycosyl and insulin for the treatment of acute alcoholism

With D. Pfuhl Neves & L. Marques de Assis. Tratamento do alcoolismo pela glicose e insulina. Rev. Paul. Med. 32:226-7, 1948

Developed a direct technique for analysis of human chromosomes from cells of bone marrow

With I. Ferrari. A simplified method for the study of chromosomes in man. Nature 186:904-5, 1960

Described spontaneous chromosome endoreduplication in acute leukemia

With I. Ferrari. Endoreduplication in acute leukemia. Blood 21:207, 1963.

Observed chromosome abnormalities in patients treated with pyrimethamine, suggesting that such anomalies may also occur in megaloblastic anemia

With V. Coutinho. Pyrimethamine (Daraprim) induced chromosome abnormalities in man. Human Chrom. Newsl. 15:4, 1965.

Demonstrated the clonal nature of cell proliferation in Waldenstrom's macroglobulinemia

The genetic nature of Waldenstrom's macroglobulinemia. Prensa Med. Argentina 53:223-4, 1966 (in Spanish)

Demonstrated that the Philadelphia 1 chromosome in chronic myeloid leukemia originates from reciprocal translocation

With V. Coutinho. A possible explanation for the origin of the Philadelphia chromosome. Blur 22:273-6, 1971.

Methods

Developed original techniques for the investigation of the cytogenetics of neoplastic diseases of the blood

With I. Ferrari. Simplified technique for examination of chromosomes in the bone marrow of man. Can. Med. Assoc. J. 85(7):381, 1961

With V. Coutinho. Direct method for the study of human chromosomes. Rev. Paul. Med. 72(1):9-13, 1968

An alternative decompensation method for the measurement of the survival of human erythrocytes transfused into rats. Experientia 37(4):437-8, 1981

With M. A Zago & F. Ferreira Costa. A modified quantitative solubility test I normal hemolysates and in hemoglobin variants. Rev. Paul. Med. 100(3):15-7, 1982

Papers in top journals (see above)

With F.F. Costa & M.A. Zago. Effects of piracetam and iodoacetamide in erythrocyte sickling. Lancet 2 (8155):1302, 1979

With L.M. de Assis & W. Bloise. Gonadal dysgenesis (Turner's syndrome) with male phenotype and XO chromosomal constitution. The Lancet 2:1059-60, 1960

With L.M. de Assis & D.R. Epps. Chromosomal constitution and nuclear sex of a true hermaphrodite. Lancet 2 (7142):129-30, 1960

Most of this text was extracted from Rev. Bras. Genet. (Brazil. J. Genetics) 11(2):493-4, 1988.

Castellanos brothers

February 26, 2024

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

Alfredo Castellanos Camara, Argentine paleontologist, stratigrapher and geographer (Buenos Aires 25 July 1893 – Rosario 22 June 1975)

Authored studies on paleontology, paleoanthropology, stratigraphy and geomorphology

DESCRIBED FOSSIL MAMMALIAN GENERA

Berthawyleeria 1940 (in honor to his wife Bertha Wyler de Castellanos)

Chlamyphractus 1940

Daedicuroides 1941

Dasypodon 1927

Eosclerophorus 1948

Glyptocoileus 1948

Glyptopedius 1953

Glyptostracon 1953

Hoffstetteria 1957

Isolinia 1951

Kraglievichia 1927

Lomaphorops 1932

Nonotherium 1942

Palaeodaedicurus 1928

Paraglyptodon 1932

Parahoplophorus 1932

Peiranoa 1946

Plaina 1937

Plohophoroides 1929

Pseudoplohophorus 1926

Pseudothoracophorus 1951

Rohnia 1957

Stromatherium 1953

Urotherium 1926

Xiphuroides 1928

HONORS

Castellanosia Kraglievich 1932 (Fossil Mammalia)

See www.fceia.unr.edu.ar/fisiografia/PAB/P64.pdf See <http://www.fceia.unr.edu.ar/fisiografia/PAB/P64.pdf>.

His brother, Alberto Castellanos Camara, botanist (Cordoba 02 December 1896 – Rio de Janeiro 05 September 1968)

DESCRIBED VALID PLANTAE TAXA

Condalia megacarpa 1957

Condalia montana 1939

Deuterocohnia haumanii 1929

Deuterocohnia schreiteri 1929

Dyckia mitis 1929

Dyckia ragonesei 1944

Eriocaulon misionum 1945

Ficus maroma 1944

Gymnocalycium ragonesi 1950

Hatiora herminiae 1941 with Porto

Hippeastrum aglaiae 1941

Jatropha matacensis 1958

Opuntia araucana 1964

Opuntia colubrina 1955

Pitcairnia chiriguana 1929

Puya harmsii 1933

Puya lilloi 1929

Puya smithii 1938

Puya yakespala 1945

Tephrocactus geometricus 1934

Tillandsia diaguitensis 1929

Tillandsia funebris 1933

Tillandsia jucunda 1929

Tillandsia peiranoi 1938

HONORS

Castellanosia Cardenas 1953 (Cactaceae)

Castellanos Gonzalez brothers

February 26, 2024

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

Agustín Walfredo Castellanos Gonzalez, Cuban pediatrician and cardiologist (La Habana 12 September 1902 –Miami 07 December 2000)

From Chinese and Mexican descent

Authored 335 papers and monographs

Created intravenous angiocardiology or radio opaque angiography (1937)

With R. Pereira Valdés & A. García López. La angio-cardiografía radio-opaca. Arch. Soc. Est. Clin. 523:31, 1937

Performed the first retrograde dye injection into aorta (chest retrograde aortography) and developed an automatic apparatus for rapid injection of the dye

With R. Pereira Valdés & A. García López. L'angiocardigraphie chez l'enfant. Presse Med. 46:1474, 1938

With R. Pereira developed lower and upper cavographies

Proposed quantified angiography (1939)

Described a new radiological sign for diagnosing aorta coarctation

With R. Pereira. Un nuevo signo radiológico indirecto en el diagnostico de la coarctación de la aorta por la arteriografía retrograda superior (1946)

With Pereira Valdés introduced new technical terms

With R. Pereira & A.V. Pausa. On a special automatic device for angiocardiology. Bol. Soc. Cuban. Pediatr. 10:209, 1938

Introduced biplanar projections

HONORS

Medicine & Physiology Nobel Prize nominee (1956, 1959 & 1960)

His brother, Israel Castellanos Gonzalez, coroner, anthropologist, criminologist, psychiatrist and folklorist (La Habana 24 November 1891-Miami 09 January 1977)

Authored over 1,000 works

First to notice digital changes caused by leprosy independently of Argentine Niceforo Castellano and predict it as a clinical sign

Created and named clinical dactiloscopia (1923) in Vida Nueva

Invented goniometer for measuring hand flexion

Improved anthropological/anthropometric devices

Un nuevo goniómetro planar (1915)

Coined the term podoscopia

Sobre una nueva variedad de foseta occipital. Vida Nueva 7(9):200-3, 1915

Conceived the paraffin gauntlet (1937)

With R. Plasencia Maydagán. The paraffin gauntlet: new technique for the dermo-nitrate test. J. Crim. L. Criminol. Pol. Sci. Sec. 32(4):465-7, 1941

SOME BIBLIOGRAPHY

Estigmas atavicos em dermopapiloscopia (1955)

La identificación dactiloscópica de los cadáveres (1935)

El pelo de las razas de Cuba (1929)

Los estigmas somáticos de la degeneración. Su apreciación en las razas de color (1927)

Fundamentos para una química criminológica (1916)

Sobre las diversas formas de la sutura naso-frontal (1915)

Anomalías dentarias en el loco, en el criminal y en el normal. Gac. Med. Sur 32:289-92, 1914

Las bocas simiescas (1914)

La mandíbula del criminal (1914)

Anomalia atávica en el occipital de un criminal cubano. Vida Nueva 6(9):225, 1914

Estudio antropologico del maxilar

HONORS

Lombroso Medal

Castor Cartelle

February 26, 2024

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

Castor Cartelle Guerra, Spanish-born Brazilian paleontologist (Puente Barjas, Orense 24 February 1938 –

DESCRIBED FOSSIL MAMMALIA TAXA

Genera

Australonyx 2009 with De Iuliis & Pujos

Caipora 1996 with Hartwig

Myloodonopsis 1991

Simomyloodon 2010 with Saint-André, Pujos & McDonald

Xenorhinotherium 1988 with Lessa

Species

Ahytherium aureum 2008 with De Iuliis & Pujos

Alouatta mauroi 2008 with Tejedor & Rosenberger

Australonyx aquae 2009 with De Iuliis & Pujos

Caipora bambuorum 1996 with Hartwig

Eremotherium eomigrans 1999 with De Iuliis

Glossotherium phoenensis 2019 with de Iuliis, Boscaino & Pujos

Myloodonopsis ibseni 1991

Pampatherium paulacoutoi 1984 with Bohorquez

Pleurokstodon dalenzæ 2010 with Saint-André, Pujos & McDonald

Simomyloodon uccasamamensis 2010 with Saint-André, Pujos & McDonald

Xenorhinotherium bahiense 1988

HONORS

Cartelles Halenar & Rosenberger 2013 (Fossil Mammalia)

Catarina Satie Takahashi

June 30, 2024

[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](#) 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 sintoma inicial de valor para el diagnostic de la forma aguda de la enfermedad de Chagas. La conjuntivitis schizotripanosomica 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 triatomídeos. “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 um antigen reactivo para la diagnosis de la listeriosis cronica. Spanish patent, 1981

Celeste Fava-Netto

February 28, 2024

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

Celeste Fava-Netto, Brazilian microbiologist and immunologist (Lins, São Paulo State 04 June 1919 – São Paulo 02 May 2014)

ACHIEVEMENTS

Developed Fava Netto medium for paracoccidioidomycosis

Estudos quantitativos sobre a fixação do complemento na blastomicose sul-americana com antígeno polissacarido. *Arqu. Cir. Clin. Exp.* 18:197-254, 1955

Contribuição para o estudo da blastomicose de Lutz. *Rev. Inst. A. Lutz.* 2:99-194, 1961.

Developed Fava Netto reaction for paracoccidioidomycosis diagnosis

With Açucena Raphael. A reação intradérmica com polissacarides do *Paracoccidioides brasiliensis* na blastomicose sul-americana. *Rev. Inst. Med. Trop. São Paulo* 3:161-5, 1961.

Proposed a quantitative indirect immunofluorescence reaction for serodiagnosis of paracoccidioidomycosis

With M.F. de Franco & L.G. Chamma. Reação de imunofluorescência indireta para o diagnóstico sorológico da blastomicose sul-americana. Padronização da reação e comparação dos resultados com a reação de fixação do complemento. *Rev. Inst. Med. Trop.* 15(6):393-8, 1973.

Eponym of Fava Netto antigen

Celina Maria Matteri

April 3, 2024

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

Celina María Matteri, Argentine bryologist (La Plata 27 September 1943 – 30 November 2004)

Authored 83 papers and 3 books

DESCRIBED MUSCI TAXA

Subfamily

Neomeesioideae 1999 with Ochyra

Species

Achrophyllum haesselianum 1979

Distichophyllum fuegianum 1975

Distichophyllum grandifolium 1975

Distichophyllum submersum 1975

Distichophyllum theriotianum 1975

Philonotis esquelensis 1968

Pterygophyllum crassirete 1979

Racomitrium kerguelense 1996 with Ochyra

Racomitrium minutum 1996

Syntrichia subpapillosa 1994

Trematodon geniculatus 1980

HONORS

Matteria Goffinet 1998 (Musci)

Cengiz Uluçay

June 30, 2024

[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

Central America & Caribbe

February 26, 2024

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

Gerardo Antonio del Carmen Herrera Chacón, Costa Rican plant explorer, collector and botanist (1948 –

Discovered a hundred of plant new species to science sent to researchers in your country and United States

DESCRIBED NEW PLANTAE SPECIES (with Hodel & Cascante 1997)

Chamaedorea incrustata

Chamaedorea piscifolia

Chamaedorea rosibeliae

Chamaedorea rossteniorum

John Lunan Jr, Jamaican clergyman, political personality, judge and farmer (December 1769 – 23 December 1838)

Authored Hortus Jamaicensis (1814)

Honored in genus *Lunania* Hooker 1844 (Salicaceae)

Ignacio Mullan Mena, Spanish-born Cuban naval architect (c.1750–c.1774)

With father Matthew (Mateo) Mullan (Ireland ? – La Habana October 1767) & Pedro de Acosta (died 1768) designed and built Santísima Trinidad (1769-1805) of Spanish Army that was one of largest ships in the world

Drawn the original plan of ship Bahama (built in 1784)

Graman Quassi (Kwasi, Quassie), Ghanaian-born Surinamese herbalist (1692 – Paramaribo 12 March 1787)

Born Kwasi Mukamba

Discovered the medicinal properties (bitter tonic and vermifuge) of bark and wood from *Quassia amara* (c.1730)

The genus *Quassia* L. (Simaroubaceae) was named in his honor

Desiderio Román y Reyes, Nicaraguan surgeon (Jinotepe, Carazo 09 August 1871 – Philadelphia, USA 1950)

Developed an operation that bears his name

Guillermo Trigueros, Panamanian physician (Sonsonate 25 June 1875 – 27 May 1938)

Developed new medical treatments

Much of his works were reproduced in scientific societies of Europe and United States

SOME BIBLIOGRAPHY

El veneno de la *Apis mellifera* en la terapêutica de los alienados. Med. Latina (1937)

Hepatonefritis infecciosa (1935)

Amibiasis. Arch. Hosp. Rosales (1919)

Diarreas infantiles. Arch. Hosp. Rosales (1908)

Un caso de beri-beri. Rev. Med. Farmac. 12:277-82, 1903

Cecropia Mexicana. Su valor terapêutico

Cesar Bergadá

February 26, 2024

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

Cesar Bergadá, Argentine pediatric endocrinologist (Buenos Aires 08 June 1929 – Buenos Aires 08 April 2005)

Presented original hypothesis about anomalies of sexual differentiation

With I. Bergadá, G. Del Rey, P. Lapunzina, M. Fellous & S. Copelli. Familial occurrence of the IMAGE association: additional clinical variants and a proposed mode of inheritance. *J. Clin. Endocr. Metab.* 90:3186-90, 2005

Described Bergada syndrome or Rudimentary testes syndrome

With W.W. Cleveland, H.W. Jones Jr & L. Wilkins. Variants of embryonic testicular dysgenesis: bilateral anorchia and the syndrome of rudimentary testes. *Acta Endocrinol* 40:521-36, 1962.

DESCRIBED DISEASES

With S. Iorcansky, N. Altschuler & M. Cullen. Familial dysenzymatic goiter caused by failure in the binding of iodothyroxines. *Rev. Arg. Endocr. Metab.* 12(4):227-33, 1967

With V.A. Dahl. New endocrine system caused by the inadequate secretion of antidiuretic syndrome. *Rev. Arg. Endocr. Metab.* 10:148-50, 1964

With M. Cullen. Female pseudohermaphroditism without postnatal adrenal hyperplasia. *Rev. Arg. Endocr. Metab.* 4(4):352-71, 1958

DEVELOPED METHODS

With F. Gruneiro & A. Chiesa. The surface of epiphysis of the knee: an index of the onset of neonatal hypothyroidism (NH). *Pediat. Res.* 28(4), 1990

With C. Bianculli, B. Cano de Candas, J. Menendez & M. A. Rivarola. Urinary acid phosphatase as an auxiliary index of androgenic response. *J. Pediatrics* 89(2):325, 1976

With V.A. Dahl. The determination of urinary pregnanetriol. *Rev. Arg. Endocr. Metabolismo* 10:84-9, 1964

Cesar Carrera

February 26, 2024

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

Cesar José Mario Carrera, Argentine plant pathologist (1903 – after 1974)

Fusarium oxysporum Schl. f. *crotalariae* n.f., nuevo parasito vascular de *Crotalaria*. Bol. Soc. Bras. Agron. 9:242-4, 1946

Estudio de una nueva enfermedad del gladiolo en la Republica Argentina. Inst. Sanidad Veg. Ser. A 3(34), 1947

Procedimientos para combatir la sarna o verruga de los citrus, *Sphaceloma fawcetti*. Inst. Sanid. Veg. Dept. Fitopatol. 15 (1947)

Una nueva enfermedad de la caña de azucar. Inform. Invest. Agr. 2(16):15, 1949

Liquid media for the preservation of phytopathological specimens and fruits intended for the Carpological Museum. Bol. Fac. Agron. Vet (1950)

El genero *Fusarium*: spp nuevos o criticos de la Republica Argentina y paises limitrofes. Rev. Soc. Agron. B. Aires 13:474-90, 1954

Una nueva enfermedad del arroz. Hoja Inform. INTA 31 (1966)

A new disease of lemon grass. Hoja Inform. INTA 34 (1969)

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 tarsi du *Cimex hemipterus*, *C. lectularius*, *Pediculus humanus*, *Haematopinus eurytenuis* 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

Ozobranchidae 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

Otiodactylus 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 Lattes

March 6, 2024

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

Cesar Lattes, Brazilian physicist (Curitiba 11 July 1924 – Campinas, São Paulo State 08 March 2005)

His real name was Cesare Mansueto Giulio Lattes

Son of Jewish Italian immigrants

ACHIEVEMENTS

Discovered π meson with Powell and Occhialini (1947)

Obtained artificially π meson with Eugene Gardner (1948)

Measured π meson mass and disintegration with E. Gardner and Walter H. Barkas (1948)

With Alfredo Marques and Yoichi Fujimoto discovered a new series of events known as fireballs (1967), photographed them (1968) and determined its masses (1969) and differentiate them in 3 distinct forms: mirim (1963), açu (1967) and guaçu (1971)

With Marques and Fujimoto identified and described non-pionic exotic hadronic productions Centauro (1973), Minicentauro (1977), Geminion (1978), Chiron (1981), clusters and others events involving high energies

With A. Marques & N. Amato discovered Andromeda interaction

With A. Marques & N. Amato discovered a scaling law, the increased pion multiplicity with the energy and increased mean transversal momentum with multiplicity (later confirmed by other physicists)

With C.M.Q. Orsini, I.I.G. Pacca, M.T. Cruz, E. Okuno, Y. Fujimoto & K. Yokoi saw a new resonance with mass in fireballs type events (1963)

Discovered a new type of nuclear interaction with W. Rodrigues and Y. Fujimoto (1979)

Physics Nobel Prize nominee (1949, 1951, 1952, 1953 & 1954)

Cesar Leopoldo Camacho

February 26, 2024

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

Cesar Leopoldo Camacho Manco, Peruvian-born Brazilian mathematician (Lima 15 April 1943 –

Internationally respected as one of great names in the field of complex dynamical systems

Invited Lecturer, International Congress of Mathematicians (1990)

ACHIEVEMENTS

Established the essential analytic and geometric properties of solutions of complex differential equations

Proposed a generalization of theory of real dynamical systems in his doctoral thesis

Established a generalization of Poincaré-Bendixson theorem (1973)

Defined the concept of hyperbolic fixed point of an action (1973)

Demonstrated that local structural stability is not a generic property for fields of lineal complex vectors and established a complete topological classification of these fields (1978)

With A. Lins Neto introduced the notion of regular homogenous forms (1982)

With A. Lins Neto & P. Sad introduced a class of foliations that share the reduction of singularities with their curve of separatrices or generalized curve-type foliations (1984)

With B. A. Scárdua determined a model differential equation which generalizes the Riccati equation (1999)

With L.H. Figueiredo first introduced computational methods for studying asymptotic behavior of solutions (2001)

With B. Scárdua characterized projective foliations that permit first liouvillian integrals

With B. Scárdua & H. Mosavati enunciated a theorem showing the moduli of Stein surface singularities (2008)

With B. Scárdua presented a Darboux-type theorem for germs of holomorphic one-dimensional foliations (2014)

EPONYMY

Camacho-Sad separatrix theorem

Camacho-Sad index theorem (1982)

Camacho-Sad índices

Camacho-Sad localization

Camacho-Chaperon hyperbolic condition (1971)

Camacho theorem (1978)

Camacho-Movasati-Sad index theorem

Camacho-Lehmann theorem for holomorphic foliations

Cesar Mendonça Ferreira

February 28, 2024

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

César Mendonça Ferreira, Brazilian gemmologist (Montes Claros, Minas Gerais State 11 December 1942 –

DEVELOPED METHODS

With G.J.A. Machado, P.C. Souza & A.C.S. Sabioni. O tratamento do topázio imperial por preenchimento de fraturas. Rev. Bras. Geochem (2006)

With J. Martins & N.P. Silva. Microestruturas de pelotas feitas com mistura de redutos e finos de minério. Rev. Escola Minas 55(3):2037, 2002

BRAZILIAN PATENTS

With G.M. da Costa, V. Barrón López de Torre & J. Torrent Castellet. Processo para quantificação das fases mineralógicas em minérios com altos teores de ferro por espectrofotometria de reflectância difusa. PI0802824-9 A2 (2008)

With A.C.S. Sabioni. Processo de coloração de gemas lapidadas por dopagem ou recobrimento químico de seu pavilhão ou coroa PI0002321-3 B1 (2000)

With A.C.S. Sabioni & G.M. Costa. Processo de coloração e/ou modificação de cores de gemas lapidadas por dopagem em etapas múltiplas PI0001034-0 B1 (2000)

With M.A.G. Bentes, F.L. Von Kruger, M.A.R. Drummond & J. D. Donda. Processo de recuperação com enobrecimento de resíduos com teor metálico provenientes do sistema de despoeiramento primário de convertedores PI9202821-7 A2 (1992)

HONORS

Cesarferreiraite Scholz, Chukanov, Atencio, Belotti, Menezes Filho et al. 2014 (Mineral)

Cesar Milstein

April 3, 2024

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

Cesar Milstein, British / Argentine (Bahía Blanca, Buenos Aires Province 08 October 1927- Cambridge, England 24 March 2002)

From Ukrainian and Lithuanian Jewish descent

ACHIEVEMENTS

Authored 314 papers

Studied the structure of antibody proteins and the genetic study of antibody diversification

A simple test for the presence of metals in biological materials. Nature 185:386-7, 1960

Defined the inter-heavy chain disulfide bridges that characterize each immunoglobulin class

One of first to determinate the complete sequence of immunoglobulin light chain

With George Brownlee discovered the junction between variable and constant regions of immunoglobulin (1972)

Demonstrated the importance of somatic hypermutation of immunoglobulin V genes in antibody affinity maturation

Developed the hybridoma technique for the production of monoclonal antibodies

With Georges J. F. Kohler. Continuous cultures of fused cells secreting antibody of predefined specificity. Nature 256:495-7, 1975

HONORS

Medicine & Physiology Nobel Prize 1984

Wolf Prize in Medicine 1980

Louisa Gross Horwitz Prize 1980

Asteroid Milstein 11776

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 (Spanish)

Cesar Vargas Calderón

June 30, 2024

[Bibliography](https://neglectedscience.com/category/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 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. (in Spanish)

Cesco family

February 26, 2024

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

Carlos Ulrrico Cesco Marenzi, Argentine astronomer (General Arenales, Buenos Aires Province 15 September 1910 – San Juan 05 November 1987)

Discovered or co-discovered at least 19 asteroids and the Cesco comet (1974)

Honored in Asteroid Cesco 1571

His brother, Reynaldo Pedro Cesco Marenzi, mathematician and celestial mechanics (General Arenales, Buenos Aires Province 15 September 1905 – La Plata 11 March 1974)

SOME BIBLIOGRAPHY

With P.C. Riú. Sobre el problema restringido elíptico de los tres cuerpos (1967)

Deducción directa de las ecuaciones planetarias (1966)

Sobre la solución general del problema de los tres cuerpos (1963)

Sobre algunos teoremas y resultados de la mecanica celeste (1960)

Sobre las soluciones homograficas del problema de los tres cuerpos (1959)

Sobre um teorema tauberiano del método de sumación de Norlund. Rev. Fac. Cien. Fisicomatem (1944)

Perturbaciones seculares de Plutón (1941)

Sobre um teorema de la teoria de las series divergentes (1940)

Sobre la teoria de las transformaciones lineales y sumación de series divergentes (1940)

Sobre la teoria de las transformaciones lineales y la multiplicación de series (1936)

Sobre procesos de limites y los algoritmos de sumación. Thesis

Sur la theorie des substitutions lineaires. Tohoku Math. Review

Exact and approximate integrals of some canonical systems

Solución del problema de los tres cuerpos por prolongaciones analíticas aproximadas

HONORS

Asteroid Cesco 1571

Son of Carlos U. Cesco, Mario Reynaldo Cesco Martin, astronomer

Discovered or co-discovered 6 asteroids (1974-6) and Cesco comet (1974)

Ceslaw Maria Biezanko

February 26, 2024

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

Czesław Odrowaz Marian Biezanko, Polish-born Brazilian entomologist (Kielce, Poland 22 September 1895 – Pelotas, Rio Grande do Sul State 26 March 1986)

DESCRIBED LEPIDOPTERA TAXA

Genera

Forbesiopsis 1957

Alberticoides 1963 (with Ruffinelli)

Blancharditia 1963 (with Ruffinelli)

Zolessia 1968 (with Monne)

Species

Acanthermia carbonelli 1959

Apatura strandi 1924

Cataspilates zolessii 1968

Colias almeidai 1950

Colias costalimai 1950

Colias forbesi 1950

Colias lutzi 1950

Colias schweizeri 1950

Colias sitowskii 1950

Colias travassosi 1950

Colias williamsi 1950

Ematurga latelineata

Fabriciana prufferi 1922

Herminodes carbonelli 1959

Hoplotarache ruffinellii 1959

Hypopta matana 1957 with Ruffinelli & Carbonell

Lypsimena navarroi 1956 with Bosq

Megacyllene insignata 1956 with Bosq

Mnasitheus strandi 1973

Mormo ojcoviensis 1924

Nymphalis nigroflava 1924

Pellicia cyanea 1973 with Mielke

Perichares forbesi 1973 with Mielke

Psygnatocerus vagleri 1956 with Bosq

Stichelia pelotensis 1978 with Mielke & Wedderhoff

Thargella evansi 1973 with Mielke

Subspecies

Pellicia costimacula litoralis 1973 with Mielke

Pellicia vecina cyanea 1973 with Mielke

Vehilius celeus ochraceus 1983 with Mielke

Vehilius vetus ochraceus 1973 with Mielke

Cevat Hezarfen

February 29, 2024

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

Cevat Hezarfen, Turkish geologist (Yeniçağa District, Bolu Province 1942?

Authored Feasibility report of Çanakkale Çan coal deposits. Geology M.T.A. report (1976)

HONORS

Hezarfenosporites Akyol 1975 (Fossil Sporae/Pollen)

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)

Chakravarthula Manoharachary

April 3, 2024

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

Chakravarthula Manoharachary, Indian mycologist and lichenologist (Vavilava, Karimnagar District 01 January 1945 –

Authored over 400 research papers

DESCRIBED FUNGI TAXA

(may be incomplete)

Genera

Beltramono 2011 with Dubey & Pandey

Beltraniomyces 2003 with Agarwal & Krishna Rao

Bhadradriella 2011 with Nagaraju & Kunwar

Chasakopama 2009 with Bagyanarayana, Rao & Kunwar

Cylindromyces 2004 with Agarwal & Rao

Diatrypoidiella 2005 with Kunwar & Agarwal

Goosiomyces 1989 with Rao

Hawksworthia 2004 with Rao, Agarwal & Kunwar

Hyaloccephalotrichum 2011 with Nagaraju, Kunwar & Kumar

Isia 1978 with Hawksworth

Microxyphispora 2004 with Kunwar & Ramesh

Ramaraomyces 1989 with Rao & Goos

Synnemellisia 1989 with Rao & Goos

Vanibandha 2006 with Rao, Kunwar & Agarwal

Species

At least 70

HONORS (Fungi)

Manoharachariella Bagyanarayana, Rao & Kumar 2009

Manoharachariomyces Rao, Agarwal & Kunwar 2005

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

Clavatricolporites 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

Ornatirporites 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

Bischofiaxylon 1960

Brideliaxylon 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)

Chander Kanta Banerjee

February 26, 2024

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

Chander Kanta Banerjee, Indian pathologist

Described Banerjee syndrome

With D.J. Girling & J.S. Wigglesworth. Pulmonary fibroplasia in newborn babies treated with oxygen and artificial ventilation. Arch.Dis. Child. 47:509, 1972.

SOME BIBLIOGRAPHY

With V.R. Sarode, K. Savitri, K.L. Narasimharao & A. Khajuria. Primary extrarenal Wilm's tumour: identification of a putative precursor lesion. Histopathology 21(1):76-8, 1992

With K. K. Vayshei & B.N. Dutta. Malpighian corpuscles of spleen in infancy and childhood. Indian J. Path. Microbiol. 34(3):193-9, 1991

With K.V.S. Bhaskar & K. Joshi. Hepatoblastoma with glomerulocystic disease – a mere coincidence or an association. Nephron 54:273-4, 1990

With S. Roy, K. Joshi, R.A. Choudhury, S.C. Varma. Nuclear morphometric analysis of non-Hodgkin lymphoma. Pathology 21(2), 1989

With M. Gandhi, R. Lal, A. Sankaranarayanan & P.L. Sharma. Acute toxicity study of the oil from *Azadirachta indica* seed (neem oil). J. Ethnopharm. 23(1):39, 1988

With S. Kumar, D. Chandrasekhar & M.S. Rao. Solitary paravesical tuberculoma masquerading as bladder carcinoma.

With A. Rajwanshi, S. Radhika, A. Das & N. Jayaram. Fine-needle aspiration cytology in the diagnosis of cysticercosis presenting as palpable nodules

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 taugourdeau 1964 with Dangwal

Hystrichosphaera pseudofurcata 1964 with Dangwal

Hystrichosphaeridium cambayense 1964 with Dangwal

Hystrichosphaeridium mineralosum 1964 with Dangwal

Hystrichosphaeridium perplexum 1964 with Dangwal

Lithophyllum wynei 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)

Chang Eon Lee

March 6, 2024

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

Chang Eon Lee, South Korean entomologist (fl.1960-97)

DESCRIBED HEMIPTERA TAXA

Genera / Subgenera

Coreoscenellus 1978 with Nomura

Drabescoides 1979 with Kwon

Futasujinoidella 1979 with Kwon

Koreanopsis 1979 with Kwon

Koreascleoracus 1979 with Kwon

Maemichungella 1979 with Kwon

Metasalis 1971

Miyamotoa 1991

Muljarus 1991

Parapagaronia 1978 with Kwon

Paralimnoidella 1979 with Kwon

Rhusaphalara 1982 with Park

Syoitia 1992

Species

Hemiptera / Heteroptera

Acharis campbelli 1979 with Kwon

Acoryphus chujoi 1994 with Kerzhner

Albicostella splendida 1979 with Kwon

Bhatia koreana 1979 with Kwon

Ctenoneurus setosus 1976 with Pendergrast

Cyrtopeltis (*Cyrtopeltis*) *rufobrunnea* 1995 with Kerzhner

Deraeocoris sanghonami 1995 with Kerzhner

Dicyphus (*Mesodicyphus*) *parkheoni* 1995 with Kerzhner

Diplonychus esakii 1966 with Miyamoto

Doratulina yeongnamensis 1979 with Kwon

Drabescus femoratiformis 1979 with Kwon

Ectrychotes chejudonis 1966 with Miyamoto

Futasujinoidella nobilis 1979 with Kwon

Futasujinus koreacola 1979 with Kwon

Mimotettix curticeps 1979 with Kwon

Nakaharanus sagittarius 1979 with Kwon

Neuroctenus koreanus 1994 with Kerzhner

Pagaronia geojedoensis 1980 with Kwon

Pagaronia jungsukae 1980 with Kwon
Pagaronia (Parapagaronia) evansi 1978 with Kwon
Pagaronia (Parapagaronia) hallasana 1978 with Kwon
Pagaronia (Parapagaronia) seungmoi 1978 with Kwon
Pagaronia whangaksana 1980 with Kwon
Pagaronia youngeouni 1980 with Kwon
Paralimnoidella elegans 1979 with Kwon
Pilophorus okamotoi 1966 with Miyamoto
Polytoxus annulipes 1966 with Miyamoto
Prostemma quelpartense 1966 with Miyamoto
Pseudovelgia (Pseudovelgia) hirashimai 1964 with Miyamoto
Pseudovelgia (Pseudovelgia) koreana 1963 with Miyamoto
Pseudovelgia (Pseudovelgia) tibialis 1963 with Miyamoto
Psylla koreana 1992 with Park
Rhusaphalara minima 1992 with Park
Rhyacobates esakii 1963 with Miyamoto
Sirthena koreana 1996 with Kerzhner
Stenonabis yasumatsui 1966 with Miyamoto
Takagiella hankukensis 1979 with Kwon
Tettigometra koreana 1978 with Kwon
Tingiotum distinctum 1966 with Miyamoto
Tingis yasumatsui 1967
Trioza chilgia 1980 with Park
Trypetimorpha koreana 1979
Uhlerites miyamotoi 1967

Coleoptera

Acythopeus parabasimaculatus 1992 with Morimoto
Atychodea insulicola 1992 with Nomura
Basitrodes (Excavodes) baejeongdoki 1993 with Nomura
Basitrodes leptothorax 1992 with Nomura
Basitrodes myrmecophilus 1993 with Nomura
Batriscenellus (Coreoscenellus) brachygaster 1993 with Nomura
Bryaxis chilimontanus 1993 with Nomura
Bryaxis coreanus 1992 with Nomura
Bryaxis hallamontanus 1992 with Nomura
Bryaxis kimjongkuki 1993 with Nomura
Bryaxis leechanyoungi 1993 with Nomura
Bryaxis macheonensis 1993 with Nomura
Bryaxis nogodanensis 1993 with Nomura
Bryaxis peninsulanus 1993 with Nomura
Cryphaeus albopilosus 1993 with Chujo

Cryphaeus rotundicollis 1993 with Chujo
Curculionellus komyungkyuneae 1993 with Nomura
Cymbachus koreanus 1993 with Chujo & Chujo
Diartiger dentipes 1992 with Nomura
Gabrius ancoripenis 1997 with Cho
Gabrius gladipenis 1997 with Cho
Leptaulax koreanus 1993 with Nomura, Kon & Johti
Myosides amamianus 1993 with Morimoto
Myosides chejuensis 1993 with Morimoto
Myosides ejimai 1993 with Morimoto
Myosides formosanus 1993 with Morimoto
Myosides ishigakianus 1993 with Morimoto
Myosides kiiensis 1993 with Morimoto
Myosides okinawanus 1993 with Morimoto
Myosides tokarensis 1993 with Morimoto
Myosides yonagunianus 1993 with Morimoto
Nipponobythus chilisanus 1996 with Nomura
Nipponobythus dolharubang 1992 with Nomura
Nipponobythus longicornis 1993 with Nomura
Philoscotus coreanus 1993 with Nomura
Pselaphogenius cornurus 1993 with Nomura
Scaphiderma michihideii 1993 with Chujo
Simulatacalles pustulosus 1992 with Morimoto
Smicronyx dentirostris 1992 with Morimoto
Tainochus abdominalis 1993 with Nomura
Triomicrus penicilatus 1992 with Nomura
Trissemus peninsulanus 1993 with Nomura
Tychus dichotmus 1992 with Nomura

Hymenoptera

Andrena (Micrandrena) cbirisana 1992 with Tadauchi

Collembola (with Yosii 1963)

Allacma koreana
Crossodonthina koreana
Heterosminthurus undulans
Ptenothrix ciliophora
Ptenothrix monochroma
Ptenothrix saxatilis

Others

Prumna halrasana 1984 with Lee (Orthoptera)
Ramulus koreanus 1992 with Kwon & Ha (Phasmatodea)

HONORS

Changeondelphax Kwon 1982 (Hemiptera)

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. Vinylon-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 yalpa 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 infusca 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 Brewer Carías

February 26, 2024

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

Charles A. Brewer Carias, Venezuelan explorer, anthropologist, geographer and naturalist (Caracas 10 September 1938 –
From British descent

ACHIEVEMENTS

Discovered world's largest quartzite cave (2004)

Discovered one of the greatest sinkholes on Earth at Sarisariña Tepui (1974)

Discovered biospeleothems, a new phenomenon in Nature (2006)

HONORS

Brewcaria Smith, Steyermark & Robinson 1984 (Bromeliaceae)

Many taxa in plants and animals bear his name

See http://www.plymouth.ac.uk/files/extranet/docs/I_UBC/CVCharlesBrewer.pdf See http://www.plymouth.ac.uk/files/extranet/docs/I_UBC/CVCharlesBrewer.pdf.

Charles Chia Chu Tao

June 30, 2024

[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

Kaochiaoja 1963

Maacoccus 1983 with Wong & Chang

Microunguis 1966

Myzosiphum 1964

Neoacyrthosiphon 1963

Neorhopalomyzus 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](#) 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 Edward Moss

April 3, 2024

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

Charles Edward Moss, English / South African botanist (Hyde, Cheshire County 07 February 1870 – Johannesburg 11 November 1930)

DESCRIBED VALID PLANTAE SPECIES

Arthrocnemum pillansii 1948

Krauseola mosambicinum 1931

Salicornia disarticulata 1911

Salicornia dolichostachya 1912

Salicornia gracilima 1911

Salicornia meyeriana 1948

Sarcocornia capensis 1948

Sarcocornia littorea 1948

HONORS

Mossia N.E. Brown 1930 (Aizoaceae)

Charles Frederic Jacot-Guillarmod

March 1, 2024

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

Charles Frederic Jacot-Guillarmod, South African entomologist (Ladybrand District, Orange Free State 24 August 1912 – Faraway, Grahamstown State 22 September 1979)

His parents were of Swiss and French origin

DESCRIBED THYSANOPTERA TAXA

Genera

Agrothrips 1939

Derothrips 1940

Zuluella 1939

Species

Agrothrips priesneri 1939

Chirothrips hoodi 1941

Cranothrips karrooensis 1937

Elaphothrips edouardi 1939

Elaphothrips faurei 1939

Elaphothrips laticornis 1941

Elaphothrips niger 1939

Elaphothrips nigripes 1939

Elaphothrips orangiae 1937

Elaphothrips powelli 1937

Elaphothrips transvaalensis 1939

Exothrips navicularius 1941

Exothrips pulcher 1941

Exothrips setosus 1941

Gastrothrips xosa 1939

Haplothrips bedfordi 1941

Hoplanothrips arrhenus

Hoplanothrips edentatus 1939

Hoplanothrips flavidus 1939

Hoplanothrips landolphiae 1939

Hoplanothrips vansonii 1939

Kleothrips (Akleothrips) zuluensis 1939

Malacothrips antennatus 1940

Monilothrips montanus 1942

Oedalothrips aemulus 1942

Oedalothrips amabilis 1942

Ophthalmothrips amya 1940

Plectothrips capensis 1937

Plectothrips giganteus 1937

Podothrips longiceps 1937

Rhipiphorothrips miemsae 1937

Scirtothrips fumipennis 1937

Synaptothrips psoraleae 1937

Zuluella distincta 1939

HONORS

Jacotia Faure 1940 (Thysanoptera)

Jacotitypus Heinrich 1967 (Hymenoptera)

Charles Frederick Robbs

April 23, 2024

[Bibliography](https://neglectedscience.com/category/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](https://neglectedscience.com/category/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 Herbert Lankester

March 6, 2024

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

Charles Herbert Lankester, English-born Costa Rican naturalist (Southampton 14 June 1879 –San Jose de Costa Rica 08 July 1969)

Collected new species of plants and animals from Costa Rica

Described two orchids species *Sobralia corazoi* 1924 with Ames and *Epidendrum tonduzii* 1924

SOME BIBLIOGRAPHY

Costa Rican butterflies (Lepid. Rhop.). Entomol. News 30(8):216, 1919

Orchids in Costa Rica. Orchid Rev. 28:129-32, 1920

Coffee. A report on coffee cultivating in Uganda with comparative notes on Costa Rica. Uganda Prot. Dept. Agric. Circ. 7:1-26, 1921

A short trip on Mt. Elgon, Uganda. Bull. Misc. Inform. 4:145-8, 1922

Lepidoptera from Costa Rica. Proc. Entomol. Soc. London A 1(3):56, 1927

With A.G.M. Gillott. Scent-tufts observed in the males of certain Costa Rican Lepidoptera. Proc. Entomol. Soc. London (A) 2(3):74-5, 1928

A novel use for a *Tillandsia* (1959)

HONORS

Lankesterella Ames 1923 (Orchidaceae)

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 Pugsley Lounsbury

March 6, 2024

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

Charles Pugsley Lounsbury, US-born South African agricultural entomologist (Brooklyn, New York State 20 September 1872 – Pretoria 07 June 1955)

Built the first governmental fumigation chamber using hydrogen cyanide to sterilise imported plants in the world (1896)

Acquired an international reputation as an expert on ticks

Demonstrated that heartwater is transmitted by bont tick (*Amblyomma hebraeum*)

Tick-heartwater experiments. Agric. J. Cape of Good Hope 16:682-7, 1900

Demonstrated that malignant jaundice in dogs (biliary fever) is transmitted by the adult dog tick (*Haemaphysalis leachii*)

Transmission of malignant jaundice of the dog by a species of tick. Agric. J. 19:714-24, 1901

Demonstrated that East Coast Fever is transmitted by the brown tick, *Rhipicephalus appendiculatus* (1903)

Ticks and African Coast Fever. Agric. J. 28:634-54, 1906

Showed that redwater (caused by *Babesia bigemina*) is transmitted by *Boophilus decoloratus* (1903)

With A. Theiler identified and described *Theileria parva* as causative agent of East Coast Fever (1904)

Proposed dipping with sodium arsenite for control of ticks and locusts

Described the hemipteran species *Aspidoproctus maximus* (1908)

HONORS

Lounsburyia Compere & Annecke 1961 (Hymenoptera)

Lounsburyina Uvarov 1922 (Orthoptera)

LINKS

www.s2a3.org.za/bio/Biograph_final.php?serial=1719 See http://www.s2a3.org.za/bio/Biograph_final.php?serial=1719.

Charles Theodore Ramsden

April 23, 2024

[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](https://neglectedscience.com/category/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. Gamaniel, 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)

Chaves family

February 26, 2024

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

Diocleciano Chaves López, Nicaraguan naturalist, taxidermist, folklorist and archeologist (Managua 07 April 1844 – Managua 28 October 1936)

Collected plants, animals, popular names, legends, old objects and medicinal uses along Nicaragua

Sent plant specimens to botanist William Maxon and Smithsonian Institute in United States

Invited by diplomat English Edward J. Thorson to work at British Museum (1904)

Obtained a silver medal in World Fair of Paris for high quality in dissected animals

Scientific collaborator, Kokaido Imperial Academy, Japan

SOME BIBLIOGRAPHY

Apuntes de Botanica desde el punto de vista medicinal

Lepidopteros del Museo Nacional de Nicaragua

Parrafitos de Geología y Botanica Centroamericana

Apuntes de Historia Natural (1901)

Lista preliminar de las plantas de Nicaragua (1931)

Una piedra grabada en el Museo Nacional de Nicaragua. Proceed. London 266:67, 1934

His daughter, Crisanta Chaves Guerrero, museologist, naturalist and archeologist (1900-1981)

Authored Ligeros apuntes sobre la ceramica azteca y nicoyana: sarcófagos y urnas del Museo Nacional (1944)

HONORS

Crisantophis Villa 1971 (Reptilia)

See [HTTP://www.manfut.org/museos/nacional.html](http://www.manfut.org/museos/nacional.html) See <http://www.manfut.org/museos/nacional.html>.

Chediak Ahuayda brothers

February 26, 2024

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

Moisés Chediak Ahuayda and Alejandro Chediak Ahuayda were Cuban hematologists and sorologists from Lebanese descent.

Moisés Chediak Ahuayda (Santiago de Cuba 06 January 1903 – Miami, USA 02 March 1993)

Described the Chediak-Higashi disease despite the fact that the disease was discovered by Cuban A. Beguez Cesar in 1943

Chédiak, M. Nouvelle anomalie leucocytaire de caractere constitutionnelle et familial. Rev. Hematologie 7:362-367, 1952.

Alejandro Chediak Ahuayda (?-?)

Developed the Chediak test for syphilis serum diagnosis using only one drop of blood

Chediak, A. El diagnostico de la sífilis practicado en una gota de sangre desecada y desfibrinada. Arch.Med.Inf. 1:3-14, 1932.

Published Quick hemo micro-diagnosis for blood typing, Rh typing and syphilis, performed at the same time with a single drop of the blood, using antigens and original equipment. 1953.

Patented Apparatus for laboratory investigations. US Patent 2561339. July 24, 1951.

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. Sreelala, 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](#) 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)

Cheng-chao Liu & Shuqin Hu

March 6, 2024

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

Cheng-chao Liu or Zheng Zhao Liu, Chinese herpetologist (Tai'an, Shandong Province 12 August 1900 – Chengdu, Sichuan Province 09 April 1976)

DESCRIBED AMPHIBIA VALID TAXA

Paramegophrys 1964

Vibrissaphora 1945

Species

66 (30 of them described joint to his wife)

HONORS (Amphibia)

Liu Zhao & Hu 1983

Liuixalus Li, Che, Zhao, Bain & Zhang 2008

Liurana Dubois 1987

Liuhurana Fei, ye, Jiang, Duboi & Chen 2010

His wife, Shuqin Hu, herpetologist (Changshu, Jiangsu Province 13 February 1914 – Chengdu 10 December 1992)

DESCRIBED AMPHIBIA VALID TAXA

Genera

Brachytarsophrys 1983 with Tian

Liu 1983 with Zhao

Species

At least 36 (30 of them described joint to her husband)

HONORS

*Hu*a Yang 1991 (Amphibia)

Liuhurana Fei, ye, Jiang, Duboi & Chen 2010

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](#) 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)

Mensagem 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)

Chhitar Mal Gupta

February 29, 2024

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

Chhitar Mal Gupta, Indian molecular biologist (Bharatpur, Rajasthan State 01 September 1944 –

Authored 136 papers and 5 book chapters

Elucidated the actin cytoskeletal network in *Leishmania*

Delineated the factors that generate and maintain the transbilayer phospholipid asymmetry in erythrocytes and yeast plasma membranes

Defined the depth of insertion of membrane integral proteins in bilayer matrix and the factors that determine the phospholipids conformation and their packing in vesicles

Developed a novel class of liposomes which resist their lysis by blood components and survive for long in blood circulation

Developed simple and efficient procedures for synthesis of natural and modified phospholipids

PATENTS (6)

With I.A. Modi, B.M. Khamar, A. Puri, R.S. Bhatta, R. Pratap, G.K. Jain, S. Bhadauria, a.K. Khanna, O.P. Asth & A. Ghatak. Combination of BAR antagonist and HMC CoA reductase inhibitor for treatment of dyslipidemia PCT/IB2010/000898 & WO201022407A3

Chi Ju Hsueh

February 29, 2024

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

Chi-Ju Hsueh or Jiru Xue, Chinese botanist (1921 – 1999)

DESCRIBED PLANTAE TAXA

Genera

Chimonocalamus 1979 with Yi

Gaoligongshania 1995 with Li & Xia

Qiongzhusa 1983 with Yi

Subgenus

Quadrangulares 1988 with W.P. Zhang

Sections (1988 with Li)

Bambusoidetes

Draconicalamus

Patellares

Species

Amphelocalamus microphyllus with Yi

Amphelocalamus saxatilis with Yi

Amphelocalamus scandens 1985 with Li

Bambusa intermedia 1984 with Yi

Chimonobambusa brevinoda 1988 with Zhang

Chimonobambusa damingshanensis 1988 with Zhang

Chimonobambusa grandifolia 1988 with Zhang

Chimonobambusa yunnanensis 1988 with Zhang

Chimonocalamus delicatus 1979 with Yi

Chimonocalamus dumosus 1979 with Yi

Chimonocalamus fimbriatus 1979 with Yi

Chimonocalamus longiligulatus 1979 with Yi

Chimonocalamus longiusculus 1979 with Yi

Chimonocalamus makuanensis 1979 with Yi

Chimonocalamus montanus 1979 with Yi

Chimonocalamus pallens 1979 with Yi

Chimonocalamus tortuosus 1979 with Yi

Dendrocalamus barbatus 1988 with Li

Dendrocalamus fugongensis 1988 with Li

Dendrocalamus jianshuiensis 1988 with Li

Dendrocalamus liboensis 1988 with Li

Dendrocalamus pachycladus 1994 with Li & Hui

Dendrocalamus pachystachyus 1988 with Li

Dendrocalamus peculiaris 1988 with Li
Dendrocalamus semiscandens 1988 with Li
Dendrocalamus tibeticus 1983 with Yi
Dendrocalamus tomentosus 1988 with Li
Dendrocalamus yunnanicus 1988 with Li
Fargesia nuijiangensis 1988 with Hui
Indocalamus chishuiensis 1993 with Yang
Indosasa ingens 1983 with Yi
Indosasa purpurea 1983 with Yi
Indosasa triangulata 1983 with Yi
Keteleeria xerophila 1981 with Hao
Melocalamus fimbriatus 1992 with Hui
Melocalamus scandens 1992 with Hui
Qionzhuea communis 1988 with Yi
Qionzhuea intermedia 1988 with Li
Qionzhuea luzhiensis 1988 with Yi
Qionzhuea macrophylla 1996 with Yi
Qionzhuea maculata 1996 with Yi
Qionzhuea opienensis 1988 with Yi
Qionzhuea puberula 1988 with Yi
Qionzhuea rigidula 1988 with Yi
Thamnocalamus tengchongensis 1994 with Hui
Yushania uniramosa 1986 with Yi

HONORS

Hsuehochloa Li & Zhang 2018 (Poaceae)

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 CO₂ 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 Lieu Chen

August 19, 2024

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

Chien Lieu Chen or Chih-leu Chen or Qi liu Chen, Chinese protozoologist (fl.1949-98)

DESCRIBED PROTOZOA TAXA

Genera (with Hsieh)

Laterocauda 1984

Neomyxobolus 1960

Spirosutoria 1984

Tetraspina 1988

Species

Apiosoma minutum 1961

Balantidium ctenopharyngodoni 1955

Dermocystidium sinensis 1993 with Xiao

Eimeria aristichthysi 1964 with Lee

Eimeria chenchingensis 1984

Eimeria coreia 1991 with Su

Eimeria culteri 1964 with Lee

Eimeria erythroculteri 1984

Eimeria haichengensis 1962

Eimeria hemibarba 1987 with Su

Eimeria hemiculteri 1964 with Hsieh

Eimeria huanggangensis 1987 with Su

Eimeria huizhouensis 1987 with Su

Eimeria intestinalis 1956

Eimeria kwangtungensis 1960

Eimeria liaoningensis 1984

Eimeria macropoda 1991 with Su

Eimeria mylopharyngodoni 1956

Eimeria newchongensis 1984

Eimeria ochetobiusi 1964 with Lee

Eimeria odontobutis 1987 with Su

Eimeria ophiocephalae 1960 with Hsieh

Eimeria orientalis 1984 with Su

Eimeria parasiluri 1964 with Lee

Eimeria pseudorasbari 1984

Eimeria saurogobi 1964 with Lee

Eimeria scyllii 1956

Eimeria yunnanensis 1984 with Zuo

Goussia hupehensis 1964 with Hsieh

Goussia sinensis 1956

Henneguya chongqingensis 1998 with Ma

Henneguya gigas 1960 with Hsieh

Henneguya hainanensis 1998 with Ma

Henneguya kwangtungensis 1998 with Ma

Henneguya nanhaiensis 1998 with Ma

Henneguya sinensis 1960 with Hsieh

Henneguya tangschensis 1998 with Ma

Henneguya tchangi 1998 with Ma

Henneguya tunghuensis 1998 with Ma

Henneguya varicorhinus 1998 with Ma

Laterocauda mastamcebela 1984 with Hsieh

Myxidium ophiocephali 1961 with Hsieh

Myxobolus heterocapsularis 1960 with Hsieh

Neomyxobolus phiocephali 1960 with Hsieh

Pseudoamphileptus macrostoma 1955

Tetraspina decapterus 1988 with Hsieh

Thelohanellus parasagittarius 1998 with Ma

Thelohanellus wuhanensis 1993 with Xiao

Trichodina hyperparasitis 1984 with Hsieh

Trichodina liaohoensis 1984

Trichodina lienii 1956

Trichodina nankingensis 1984 with Hsieh

Trichodina nasi 1956

Trichodina nobilis 1963

Trichodina orientalis 1973 with Hsieh

Trichodina ovaliformis 1955

Trichodina parasiluri 1973

Trichodina rectangli 1964 with Hsieh

Trichodina taianensis 1984

Trichodina tungtaiensis 1984 with Hsieh

Trichodinella minuta 1956

Trypanosoma ophiocephali 1964

Unicauda pelteobagrus 1998 with Ma

Unicauda wuhanensis 1993 with Xiao

Zschokkea magna 1984 with Hsieh

Zschokkea mugili 1984 with Hsieh

Honors

Chenophrya Dovgal 2002 (Protozoa)

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

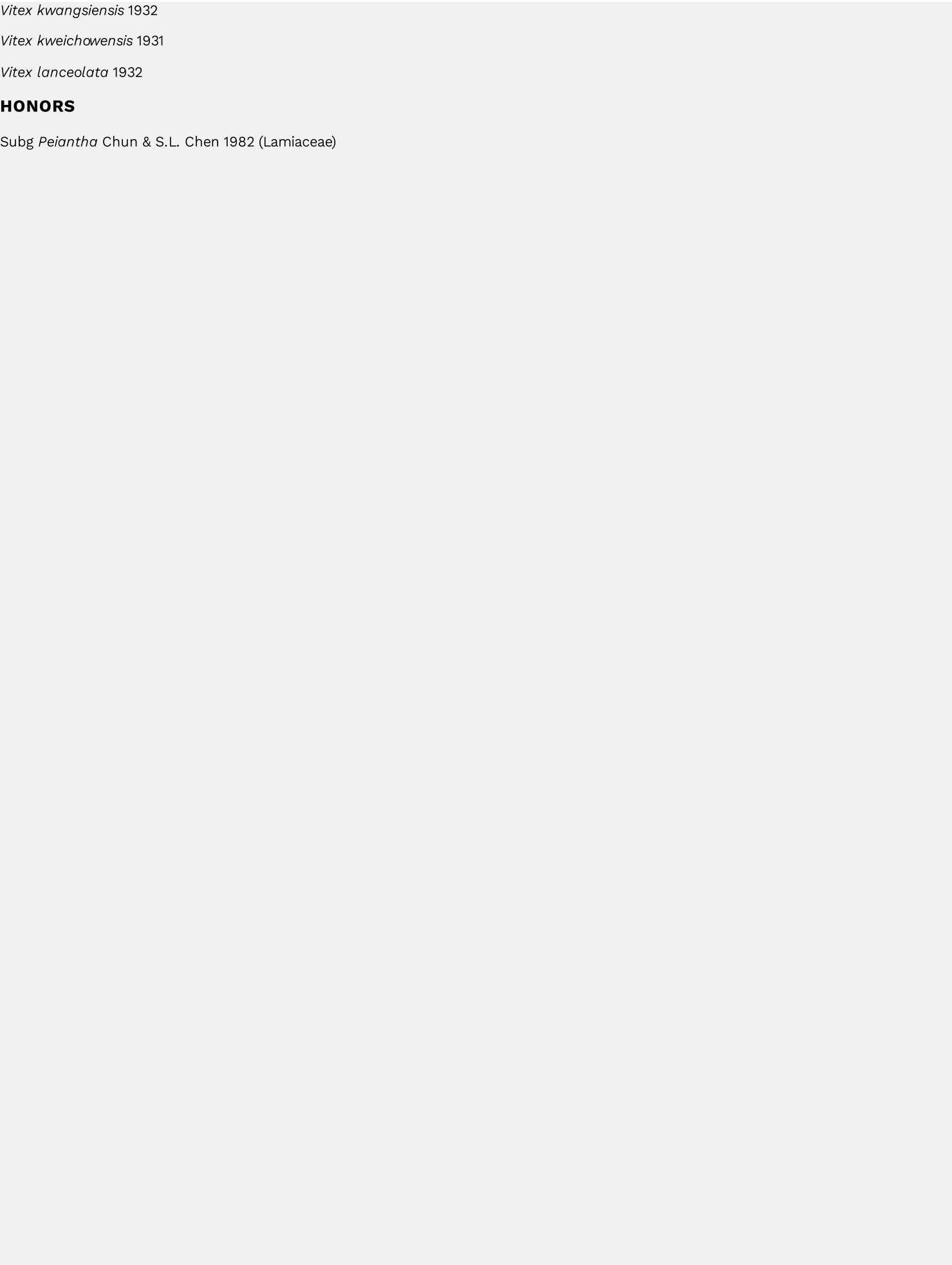
Premna parvilimba 1932

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](#) 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"

CHILE, PARAGUAY & URUGUAY

February 26, 2024

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

Arturo Atria Osorio, Chilean physician (Coquimbo 05 October 1880 – Santiago 01 April 1936)

Discovered a method of isolating the smallpox virus (1921)

Developed a new teaching method for children

Silabario biologico: Nuevo metodo para enseñar a leer, escribir y dotar al niño simultaneamente de los conocimientos fundamentales para la vida (1925)

Mariano Balbino Berro Bustamante, Uruguayan botanist and chronist (Lavalleya Department 08 December 1833 – 26 August 1919)

SOME BIBLIOGRAPHY

La vegetación uruguaya (1899)

Las gramineas de Vera (1906)

Vegetales de Uruguay: nombres vulgares (1915)

HONORS

Berroa Beauverd 1913 (Asteraceae)

Juan Alberto Eirale Bergero, Uruguayan physician (Montevideo 04 November 1870 – 1952)

Patented planes with delta wing being the first world patent on it (1909)

Gabriel Arnaldo Erazo Fernandez, Chilean mining engineer and mineralogist (Copiapó February 1943 –

Honored in species erazoite Schluter, Malcherek, Stanley, Dini & Molina Donoso 2017 (Mineral)

James Thomas Humberstone, English-born Chilean entrepreneur (Dover 08 July 1850 – Iquique 12 June 1939)

Adapted Shanks system to saltpeter dissolution process (1876)

Improved refining process for saltpeter

Developed a system for obtaining water from machines

HONORS

Humberstonite Mrose, Fahey & Ericksen 1970 (Mineral)

Gustavo Jirón Latapiat, Chilean anatomist (23 May 1896 – 29 March 1973)

Founded a Teratological Museum, one of most complete in the world of this day (1933)

His work *Sobre cisuras pulmonares* in Arch. Chil. Morf. 1(1 & 2): 45-52 & 177-83, 1935 gained international repercussion

Tomás Rafael Leighton Donoso, Chilean mining and civil engineer (Valparaíso 15 September 1894 – 1967)

He was mineralogy Professor at Universidad de Chile

Honored in mineral leightonite Palache 1938

Emiliano López Saa, Chilean mining engineer and mineral collector (Copiapó 08 May 1868 – 1959)

Authored Analisis de un mineral de fierro y ensayos de aleaciones de oro

Honored in mineral species lopezite Bandy 1937

Adolfo Emilio Schwarzenberg (Schwartzemberg), German-born Chilean chemical assayer (Cassel 02 December 1826 – Osorno 07 January 1907)

Honored in mineral schwartzembergite Domeyko 1864

Angel Segundo Vazquez Galdames, Chilean pharmacist (1823 – Santiago 1897)

Performed plant chemistry studies

Developed many chemical devices

Chin-Chih Jao

March 1, 2024

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

Chin-Chih Jao, Chinese phycologist (Chongqing, Sichuan Province 23 February 1900 – Wuhan 28 March 1998)

DESCRIBED ALGAE TAXA

Genera

Chlorophyta

Dicloster 1976 with Wei & Hu

Dimorphococcopsis 1959

Echinocoelium 1977 with Lee

Leptosiropsis 1940

Oncosaccus 1947

Sphaerodictyon 1978

Westellopsis 1959

Cyanophyta (1944)

Brachytrichiopsis

Hormothece

Symphyonema

Species

About 200

HONORS

Jaoa Fan 1964 (Chlorophyta)

Jaoniella Skvortzov 1961 (Protozoa)

CHINA

February 26, 2024

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

Ping-tse Kao, Chinese astronomer (Shanghai 23 December 1888 – Taipei 23 March 1970)

He was cousin of Physics Nobel prize winner Charles K. Kao's father

Honored in lunar crater Kao

Dongsheng Yan, Chinese materials scientist (Hangzhou, Zhejiang Province 10 February 1918 – Shanghai 18 September 2016)

Developed carbon fiber reinforced composite and a new technology of bismuth germanate crystal growth

Received Life Time Membership from American Ceramic Society

Jici Yan, Chinese optician (Dongyang, Zhejiang Province 1900 – Beijing 1996)

First to determine exactly the phenomenon of quartz piezoelectric laws

Honoured in minor planet 10611 Yanjici

Zhifu Ni, Chinese engineer and inventor (Shanghai May 1933 – Beijing 24 April 2013)

Invented Ni Zhifu drill with three tips and seven edges (1953)

Authored a host of technical improvements and inventions

HONOURS

Gold Medal, World Intellectual Property Organization (WIPO) 1985

Zhiguang Xie or **Chih-Kuang Hsieh**, Chinese radiologist and oncologist (Dongguan, Guangdong Province 1899 – 1976)

Suggested the special angle for the posterior dislocation of the hip joint (Xie's position)

Posterior dislocation of the hip. Radiology 27:450, 1936

Guanguang Zhong / Kuan-Kwang Tsoong, Chinese botanical collector (19 August 1869 – 12 September 1940)

Collected about 15,000 plant specimens

Honored in genus *Tsoongia* Merrill 1923 (Lamiaceae)

Qisun Ye / Hongjuan Ye, Chinese physicist (Shanghai 16 July 1898 – Beijing 03 January 1977)

With W. Duane & H. Palmer determined precisely the value of Planck constant (1921)

Did research on the conductivity of magnetic bodies under high pressure (1923)

Shuhua Ye, Chinese astronomer (Guangzhou, Kwangtung Province 21 June 1927 –

Foreign Member, Royal Astronomical Society, United Kingdom (1985)

Asteroid 3241 Yeshuhua

Kezhen Zhu or **Coching Chu**, Chinese meteorologist and geologist (Shangyu, Zhejiang County 07 March 1890 – Beijing 07 February 1974)

Proposed using air velocity as the appropriate unit for measuring typhoons (1918) adopted internationally

A new classification of typhoons of the Far east (1924)

AUTHORED

The time and place of the origin of the 28 lunar monsoons

A preliminary study of climate changes over the past five millennia (5,000 years) in China. Acta Archeol. Sinica 1 (1972)

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)

Ascobramania Rajendran 1997

Civibramaniana Vittal & Dorai 1986

Ceeveesubramaniomyces Pratibha, Hyde & Bhat 2005

Subramania D.Rao & Rag. Rao 1964

Subramaniomyces Varghese & Rao 1980

Subramanianospora 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](#) 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](#) 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)

Christian Ludwig Landbeck

March 6, 2024

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

Christian Ludwig Landbeck, German-born Chilean taxidermist and zoologist (Ostheim, Elsass 11 December 1807 – Santiago de Chile 03 September 1890)

DESCRIBED NEW TAXA

AVES

With Philippi

Species

Accipiter chilensis 1864

Agriornis albicauda 1863

Aphrastura masafucrae 1866

Cinclodes albiventris 1861

Cinclodes atacamensis 1857

Fulica rufifrons 1861

Geositta isabellina 1864

Idiopsar erythronotus 1861

Leptasthenura striata 1863

Muscisaxicola cinereus 1864

Poospiza ornata 1865

Poospiza tulica 1861

Pteroptochos castaneus 1864

Recurvirostra andina 1861

Sicalis auriventris 1864

Sternura lorata 1861

Subspecies

Agriornis albicauda albicauda 1863

Cinclodes albiventris albiventris 1861

Cinclodes atacamensis atacamensis 1857

Fregetta grallaria segethi 1860

Geositta cunicularia frobeni 1864

Geositta rufipennis fasciata 1864

Leistes bellicosus albipes 1861

Leptasthenura striata striata 1863

Muscisaxicola cinereus cinereus 1864

Onychoprion fuscatus luctuosus 1866

Saltator aurantirostris albociliaris 1861

Alone

Species

Geositta antarctica 1880

Pseudocolopteryx citreola 1864

Spinus crassirostris 1877

Subspecies

Spinus crassirostris crassirostris 1877

Mammalia (with Philippi)

Species

Histiotus montanus 1861

Subspecies

Histiotus montanus montanus 1861

Christian Neethling Barnard

February 26, 2024

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

Christiaan Neethling Barnard, South African cardiothoracic surgeon (Beaufort West 08 November 1922 – Paphos, Cyprus 02 September 2001)

Born from Dutch father

ACHIEVEMENTS

Performed the world's first human heart transplant (03 December 1967). He is first to choose as a heart donor a brain-dead accident victim (1967)

Defined the concept of brain death

First successfully implanted artificial arteries (1969)

Developed technique of heterotopic heart transplantation with Jacques Losman (1974)

First to attempt xenograft transplantation in a human patient (1977)

With J.H. Louw showed how intestinal atresia resulted from vascular block

Discovered that congenital intestinal atresia is caused by an inadequate blood supply to the fetus during pregnancy and developed a procedure to correct it

Designed Barnard artificial heart valve (1957)

With D. Novitsky, W.N. Wicomb, D.K.C. Cooper, A.G. Rose & R.C. Fraser showed the concept of hormonal replacement therapy in dead transplant donors (1984)

With D.K.C. Cooper & W.N. Wicomb the first to successfully transport donor hearts using a hypothermic perfusion storage device (1981)

With M.S. Barnard enunciated principles for complete correction of Fallot's tetralogy (1975)

With T.G. O'Donovan & M.S. Gotsman developed a method of surgical treatment for transposition of great vessels in infants (1968)

With M.S. Gotsman, W. Beck, I.W. Piller, S.C. Bosman & V. Schrire developed a modified technique for long-term endocardial pacemaking (1966)

With C.C. Goosen, V. Schrire & L.V. Holmgren developed University of Cape Town mitral valve prosthesis (1962–3)

With V. Schrire performed the first successful surgical correction of Ebstein's anomaly tricuspid valve replacement (1962) and first prosthetic valve replacement (1963)

A method of operating on fetal dogs in utero (1957)

HONORS

Medicine & Physiology Nobel Prize nominee

Christie Jayaratnam Eliezer

February 27, 2024

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

Christie Jayaratnam Eliezer, Ceylonese / Australian mathematical physicist (Navatkuli, Jaffna 12 June 1918 – Melbourne 10 March 2001)

Authored 63 papers and 4 books

Developed the Eliezer theorem (1943)

SOME BIBLIOGRAPHY

With J.C. Barton. On pursuit curves. J. Austr. Math. Soc. Series B41:358-71, 2000

With G.E. Prince. On the Lie symmetries of the classical Kepler problem. J. Physics A 14(3):587-96, 1981

With G.E. Prince. Symmetries of the time-independent N-dimensional oscillator. J. Physics A 13(3):815-23, 1980

With G.E. Prince, P.G.L. Leach, T.M. Kalotas & R.M. Santilli. The Lie and Lie-admissible symmetries of dynamical systems. Hadron. J. 3(1):390-43, 1979-80

Symmetries and first integrals of some differential equations of dynamics. Hadron. J. 2(5):1067-1109, 1979

With P.G. Leach. Equivalence principle and quantum mechanics – note. Amer. J. Physics 45(12):1218-21, 1977

A note on time-dependent harmonic oscillator. SIAM J. Appl. Math. 30(3):463-8, 1976

Elementary inequalities for integrals. Math. Magaz. 45:89-91, 1972

With D.E. Daykin. Generalization of Holder's and Minkowski's inequalities. Proc. Cambridge Philos. Society 64:1023-7, 1968

With D.E. Daykin. Generalizations and applications of Cauchy-Schwarz inequalities. Quart. J. Mathematics. Oxford Series 18(2):357-60, 1967

With D.E. Daykin. Generalizations of the A.M. and G.M. inequality. Math. Magaz. 40:247-50, 1967

On the classical theory of particles. Proc. Royal Soc. London 194 A:543-55, 1948

Relativistic wave equations. Nature 159:160, 1947

Quantum electrodynamics and low energy photons. Proc. Royal Soc. London 191 A:133-6, 1947

The interaction of electrons and an electromagnetic field. Reviews Modern Physics 19:147-84, 1947

The hydrogen atom in generalized classical electrodynamics. Physical Review 71(2):49-53, 1947

Quantum electrodynamics and the interaction of the hydrogen-like atoms with a radiation field. Bull. Calcutta Math. Soc. 38:145-60, 1946

The classical equations of motion of an electron. Proc. Cambridge Philos. Society 42:278 -86, 1946

Radiating electron in a magnetic field. Proc. Cambridge Philos. Society 42:40-44, 1946

The application of quantum electrodynamics to multiple processes. Proc. Royal Soc. London 187 A:210-9, 1946

On Dirac's theory of quantum electrodynamics: the interaction of an electron and radiation field. Proc. Royal Soc. London A 187:197-210, 1946

A discussion on the exactness of the Lorentz-Dirac classical equations. Bull. Calcutta Math. Soc. 37:125-30, 1945

With A. Malvaganan. On the classical theory of radiating electrons. Proc. Cambridge Philos. Society 41:184-6, 1945

The hydrogen atom and the classical theory of radiation. Proc. Cambridge Philos. Society 39:173-80, 1943

LINKS

<http://www.eelamview.com/2012/07/30/maamanithar-christie-jayaratnam-eliezer-1918-2001-a-conquering-scientist/>

Christine Sophie Kabuye

March 2, 2024

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

Christine Sophie H. Kabuye, Ugandan botanist and ethnobotanist (21 November 1938 –

With D. Wood. A first record of multicellular glandular hairs in the Graminae. Bot. J. Linn. Soc. 62(1):69-70, 1969

DESCRIBED VALID PLANTAE SPECIES

Living

Alloeochaete geniculata 1975

Alloeochaete gracillima 1975

Alloeochaete ulugurensis 1975

Biophytum turianiense 1969

Eragrostis aristiglumis 1971

Fossil

Pollia tugenensis 1989 with Jacobs

HONORS

Kabuyea Brummit 1998 (Thecophilaeaceae)

Christofredo Jakob

March 1, 2024

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

Christofredo Jakob, German-born Argentine neuropsychiatrist (Wörnitz, Ostheim, Bayern 25 December 1866 – Buenos Aires 06 May 1956)

Authored 180 papers and 20 books

Proposed basic cortical mechanisms that work in brain (1906)

Discovered that grey matter has double function (motor and sensitive)

Proposed functional homology of cortex convexity towards dorsal medulla and its concavity towards ventral medulla (1910)

Discovered brain structures related to emotion

Demonstrated the homology between cortical neuroelectric mechanisms and the mechanisms of ciliary control in Protozoa

Elucidated the anatomy of anterior commissure in man

Described an unknown micro ganglion in the hypothalamic commissure located in the midline at the region of the mammillary bodies and posterior commissural zone (1945)

First to describe the crural portion of pyramidal pathway

Discovered the neurovisceral apparatus known as Papez circuit and coined the term visceral brain (1911) rediscovered by Papez in 1937

Patented the first device for outside observation of effect of distinct subjective phenomena

EPONYMY

Jakob cerebellar degeneration or Jakob marginal cerebellar atrophy, a distinct form of lower bilateral cerebellar degeneration combined with dementia (described by Aranovich)

Christofredo Jakob technique, for opening the corpse allowing the maximum visualization of the abdomen

SOME BIBLIOGRAPHY

Atlas der Gesunden und Kranken Nervensystems nebst Grundriss der Anatomie, Pathologie und therapie desselben (1895), translated into many languages

Vom Tierhirn zum Menschenhirn (1911) or Atlas del cerebro de los mamiferos de la fauna argentina (1913)

The subcortical organization of the central nervous system of higher vertebrates: the paleoencephalon and its instinctive functions (1938)

LINKS

contenidos.ciudad.com.ar/borda/general.htm

http://electroneubio.secyt.gov.ar/Vida_y_obra_de_Christofredo_Jakob.htm

Chung Tu Yang

August 25, 2024

[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

Eunychium 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 Tsaur & 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](#) 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 harrisi 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](#) 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. Beitrage 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

Clare Rilloraza Baltazar

February 26, 2024

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

Clare Rilloraza Baltazar, Philippine entomologist (San Fernando, La Union 01 November 1927–

DESCRIBED HYMENOPTERA TAXA

Genera/Subgenus (Incomplete)

Barthasis 1972

Hybomischos 1961 (synonym)

Hypsotypos 1963

Ischnobracon 1963

Pachymelos 1961

Millironia 1964

Sychnostigma 1961

Triancyra 1961

Species

108

HONORS

Baltazaria Townes 1961 (Hymenoptera)

Clarence Klaus Horich

February 29, 2024

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

Clarence Klaus Horich, German-born Costa Rican orchidologist and botanical collector (Ludenscheid, North Rhine Westphalia 11 May 1930 – San José 01 March 1994)

With Braas (1982) described two plant species *Telipogon elcimeyae* & *Telipogon vampyrus* (Cactaceae)

SOME BIBLIOGRAPHY

Orquideas saprófitas. Orquideología 15(2-3):190-201, 1982

Notes on the relationship between orchids and insects. Orquideología 14:46-54, 1979

Myrmecophilous orchids. Aspects of a singular symbiosis. Orquideología 12:209-32, 1977

Los kikis y la multiplicación vegetativa de orquideas por hijos adventicios. Orquideología 12:81-93, 1977

HONORS

Horichia Jenny 1981 (Orchidaceae)

Claudio Antonio Ferraz de Carvalho

February 26, 2024

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

Cláudio Antonio Ferraz de Carvalho, Brazilian anatomist (Araraquara, São Paulo State 12 March 1932 –

From Portuguese father

Described in a systemic manner the venous vascular behavior of esophagogastric transition segment

Contribuição para o estudo da angioarquitetura da zona de transição esofagogástrica e sua interpretação funcional. Doctoral Thesis (1963)

Sur l'angio-architecture veineuse de la zone de transition oesophago-gastrique et son interpretation fonctionnelle. Acta Anat. 64:125-62, 1966

With C.L. Chih & A.J. Rodrigues Jr. A nervous connection between the hepatic plexus and right atrium in man, Gegenbaurs Morphol. Jahrb. 130:353-61, 1984

First to use membrane preparations for studying the myenteric plexus of human oesophagus

With R.R. de Souza & I. Fujimura. Plexo mientérico do esôfago humano em preparados de membrana. Rev. Hosp. Clinicas 43(1):81-3, 1988

Described a critical zone where gives rise to oesophagic varicosities

With I. Fujimura, A. Junqueira Jr., R.R. de Souza & M.R. de Oliveira. Histórico e conceito atual das varizes do esôfago: aspectos morfológicos e fisiológicos da dinâmica circulatória. Rev. Hosp. Clinicas 43(1):26-34, 1988

DEVELOPED METHODS

Methods for differentiation of collagen, muscular and elastic fibers in stereomicroscopic specimens. Rev. Bras. Pesq. Med. 10:293-8, 1977

With R.R. de Souza, J.C. Bittencourt & L.W. Chao. A rapid silver nitrate method for staining the myenteric plexus. Arch. Anat. Hist. Emb. Norm. et Exp. 70:117-21, 1987

With R.R. de Souza & C.L. Wen. A method for staining the myenteric plexus. An. Anat. Norm. 6:162-3, 1988

With I. Fujinuma, R.R. de Souza & A.J. Rodrigues Jr. A method for locating the marginal mandibular branch of the facial nerve in the neck. Clin. Anat. 3:143-7, 1990

With E.A. Liberti & F. Nishimaru. Método experimental para estimativa de densidade linear (2004)

With S.C. Boldrini, F. Nishimaru & E.A. Liberti. A simple method for estimating the length density of convoluted tubular systems. Micron 39:992-7, 2008

Claudio Barros Rodríguez

February 26, 2024

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

Fernando Claudio Barros Rodríguez, Chilean reproductive biologist (Santiago 23 October 1936 – 27 October 2008)

Regarded as a world leader in sperm biology

Authored studies on reproductive biology of mammals and invertebrates and gamete cryopreservation

Showed that the mammalian oocyte and the spermatozoon fuse together side by side

SOME BIBLIOGRAPHY

With M.I. de los Reyes & J.A. Palomino. Effect of human chorionic gonadotrophin supplementation during different culture periods on in vitro maturation of canine oocytes. *Theriogen*. 64(1):1-11, 2005

With M.R. Solovera & J.A. Stuardo Rosales. Efecto del medio de cultivo sobre el desarrollo embrionario bovino in vitro (Effect of culture medium on in vitro bovine embryo development). *Veterin. Mex.* 34(4):389-95, 2003

With M.I. de los Reyes. Immunolocalization of proacrosin/acrosin in bovine sperm and sperm penetration through the zona pellucida. *Anim. Reprod. Science* 58(3-4):215-8, 2000

With M. Valdivia, T. Sillerico & A. de Ioannes. Proteolytic activity of rabbit perivitelline spermatozoa (1999)

With R. Yanagimachi. Induction of zona reaction in gold hamster eggs by cortical granule material. *Nature* 233:268-9, 1971

With A. Garavaono. Capacitation of hamster sperm with blood sera. *J. Reprod. Fertility* 22:381-4, 1970

With J.M. Bedford, L.E. Franklin & C.R. Austin. Membrane vesiculation as a feature of the mammalian acrosome reaction. *J. Cell Biol.* 34(3):195, 1967

Autodiferenciación del miembro posterior del embrión de pollo en implantes corioalantoicos

With M. I. de los Reyes. In vitro sperm penetration through the zona pellucida of immature and in vitro matured oocytes using fresh, chilled and frozen canine semen

Claudio Canut de Bon

February 26, 2024

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

Claudio Canut de Bon Urrutia, Chilean industrial mining engineer (1937 –

SOME BIBLIOGRAPHY

With J. Cucurella & M.E. Cisternas. Pyrobitumen related to silver-copper deposits in a Cretaceous volcanic-sedimentary sequence: Talcuna district, Coquimbo, Chile. *Mineral. Polonica* 36(1):9-21, 2005

With R. Coenraads. Lapis lazuli from the Coquimbo Region, Chile. *Gems & Gemology* 36(1):28-41, 2000

With E. Gilabert, B. Lavielle, R.B. Scorzelli, I. Souza Azevedo, G. Poupeau. The Morro de la Mina H Chondrite: a noble gas study and Mossbauer spectroscopy evidences for terrestrial alteration. *Meteoritics & Planetary Science* 34 Suppl. p.A43 (1999)

With R. Ardila, E.R. Carrascal, S. Canchaya & R. Collao. Geología de los skarns cupríferos del Distrito de San Antonio, Región de Coquimbo, Chile (1994)

With H. Pedersen & H. Lindgren. Vaca Muerta mesosiderite strewnfield. *Meteoritics* 27:126-35, 1992

With C. Gebauer, M. Gaete & J. Campos. Obtención de un concentrado cobre-cobalto a partir de un mineral sulfurado polimetálico conteniendo arsénico de la IV Región (1991)

HONORS

Canutite Kampf, Mills, Hatert, Nash, Dini & Molina Donoso 2014 (Mineral)

Claudio Costa Neto

February 26, 2024

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

Cláudio Costa Neto, Brazilian chemist (Rio de Janeiro 11 December 1932 –

PROPOSED

Uma notação linear para moléculas orgânicas explícitas em grupamentos funcionais e esqueletos hidrocarbônicos. Anais Acad, Bras. Ciencias 66:23, 1994

Theoretical organic geochemistry. I. An alternative model for the epimerization of hydrocarbonic chiral centers in sediments. Organic Geochem. 10:834-8, 1988

Um modelo de não-equilíbrio para o comportamento cromatográfico. Anais Acad. Bras. Ciencias 37:580, 1965

METHODS/PATENTS

With F. Feigl spot test for diketones and quinines based on catalytic effect (1956)

A synthetic procedure of pyrazinamide using acetate and ethyl acrylate (patented)

Perfected process for preparation of phosphoric triesters (1991)

Process for preparation of phosphoric triesters from alcooxydes (1991)

Process for production of soft aggregates (1984)

Claudio Gilberto Froehlich

February 28, 2024

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

Cláudio Gilberto Froehlich, Brazilian zoologist (São Paulo 10 June 1927 – Ribeirão Preto, São Paulo State 27 November 2023)

From German and Latvian descent

Limnology / Hydrobiology

With A.S. Melo. Macroinvertebrates in neotropical streams: richness patterns along a catchment and assemblage structure between 2 seasons. J. North Amer. Benthol. Soc. 20(1):1-16, 2001

With A.S. Melo. Substrate stability in streams: effects of stream size, particle size, and rainfall on Frequency of movement and burial of particles. Acta Limnol. Bras. 16(4):381-90, 2004

With A.S. Melo. An attractor domain model of seasonal and interannual biodiversity of stream macroinvertebrate communities. Freshw. Biol. 67:1370-9, 2022

DESCRIBED TAXA

Turbellaria

Genera

Issoca 1954

Kontikia 1954

Xerapoa 1955

Species

About 60

Plecoptera

Genera

Guaranyperla 2001

Tupiperla 1969

Species

83

Ephemeroptera

Genus

Segesta 2007 with Siegloch & Polegatto

Species

Caenis cuniana 1969

Segesta riograndensis 2007 with Siegloch & Polegatto

Thraulodes amanda 2011 with Mariano

Thraulodes pelicanus 2011 with Mariano

Thraulodes xavantinensis 2011 with Mariano

Onychophora

Epiperipatus barbadensis 1962

Epiperipatus tucupi 1968

Peripatus dominicae barbadensis 1962

Trichoptera

Grumichella blahniki 2016 with Holzenthal & Calor

Grumichella boraceia 2016 with Holzenthal & Calor

Grumichella cressae 2016 with Holzenthal & Calor

Grumichella jureia 2016 with Holzenthal & Calor

Grumichella leccii 2016 with Holzenthal & Calor

Grumichella muelleri 2016 with Holzenthal & Calor

Grumichella paprockii 2016 with Holzenthal & Calor

Grumichella parati 2016 with Holzenthal & Calor

Grumichella trujilloi 2016 with Holzenthal & Calor

Phylloicus camargoi 2011 with Quinteiro & Calor

Phylloicus paprockii 2011 with Quinteiro & Calor

Diptera

Fissimentum fordlandense 2011 with Pinho

Fissimentum guairense 2011 with Pinho

Fissimentum mateusi 2011 with Pinho

HONORS

Genera

Claudiella Reichard & Vanin 1976 (Coleoptera)

Claudioperla Illies 1963 (Plecoptera)

Claudiotendipes Andersen, Mendes & Pinho 2017 (Diptera)

Lifetime Achievement Award, International Society of Plecopterologists (2008)

LINKS

<https://www.scielo.br/j/rbent/a/8ynDHzGjNhGqcZ6bFmnrMC/?lang=en#>

<https://actalb.org/article/10.1590/S2179-975X9124/pdf/alb-36-e46.pdf>

Cleber Jose Rodrigues Alho

February 25, 2024

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

Cleber José Rodrigues Alho, Brazilian ecologist and helminthologist (Santarém, Pará State 1937 –

Authored more than a hundred scientific papers on ecology

DESCRIBED VERMES TAXA

Valid Genus

Podocnemitrema 1964 with Vicente (Trematoda)

Species

Atractis conciliatus 1964

Diaphanocephalus jacuruxi 1965

Parapharyngodon largitor 1963 with Rodrigues

Podocnemitrema papillosus 1964 with Vicente

Strongyluris freitasi 1969

Strongyluris travassosi 1969

HONORS

Cleberia Arandas Rego 1980 (Cestoda)

Cleide Costa

February 26, 2024

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

Cleide Costa, Brazilian entomologist (22 October 1940 –

With E.J. H. Bechara & P. Colepicolo Neto showed the ecological role of fireflies bioluminescent larvae for termite nest and around it (1986)

With S. Vanin & P. Colepicolo Neto. Larvae of Neotropical Coleoptera, XIV: First Record of bioluminescence in the family Staphilinidae (Xantholinini). Rev. Bras. Entomol. 30:101-4, 1986

DESCRIBED COLEOPTERA TAXA

Subfamily

Campyloxeninae 1975

Tribes

Euplinthinii 1975

Platycrepidiini 1993 with Casari-Chen

Subtribes

Compsoplinthina 1975

Euplinthina 1975

Hapsodrilina 1975

Nyctophyxina 1975

Genera

Afrocerophytum 2014 with Vanin & Rosa

Agnostelater 1975

Arcanelater 1975

Brachycerophytum 2003 with Vanin, Lawrence & Ide

Bucklelater 1973

Coctilelater 1975

Compsoplinthus 1975

Cryptolampros 1975

Deilelater 1975

Euplinthus 1975

Fulgeochlizus 1975

Hapsodrilus 1975

Ignelater 1975

Lygelater 1975

Metapyrophorus 2009 with Rosa

Neorhaphes 1966

Noxlumenes 1975

Nyctophyxis 1975

Opselater 1975

Phytocerum 2003 with Vanin, Lawrence & Ide

Ptesimopsia 1975

Pyrearinus 1975

Pyroptesis 1975

Sooporanga 1975

Vesperelater 1975

HONORS

Cleidecosta Johnson 2002 (Coleoptera)

Clemente Estable

February 27, 2024

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

Clemente Estable Fallabella, Uruguayan histopathologist and neurophysiologist (Santa Lucia, Canelones Department 1894 – Montevideo 27 October 1976)

Son of Italian immigrants

Authored about 150 works

ACHIEVEMENTS

Enunciated concepts on comparative structure in brain cortex

Note sur la structure comparative de l'écorce cerebelleuse et derives physiologiques possibles. Trav. Lab. Rech. Biol. Univ. Madrid 21:169-256, 1923

Enunciated the concept of hipocytomorphosis

Hipocitomorfosis. Arch. Soc. Biol. Montevideo 1:361-74,

Formulated the concept of reversibility synapses and morphological quantitative concepts as synaptic valence and synaptic spectrum

Espectro sináptico, constantes sinápticas y revisión del concepto de sinapsis. Reunión Cient. Asoc. Latinoam. Cien. Fisiol. Punta del Este 75-76, 1957

Described nucleolonema, a new cell structure

With Roberto J. Sotelo. Una nueva estructura celular: el nucleolonema. Rev. Fac. Hum. Cien. Montevideo 7:47-68,

Created the concept of synaptic pathology

Pathology of the interneuronal synapses. Excerpta Med. Intern. Congress Series 100:463-8, 1965

Discovered and described the trophic function of synapse (1956-8)

First to describe axo-axonic synapse

Demonstrated that Purkinje cells axons of cerebellum extend to nuclei of encephalic axis and spinal cord (1927)

Described accurately the morphological neuronal changes that characterize many neurodegenerative diseases

Showed how drugs modify the interneuronal connections

With chemist L.F. Fieser purified and synthesized gonyleptin from opilion *Gonyleptus* sp. (1955)

METHODS

Created endocardiac biomicroscopy

With Alberto Vaz Ferreira. Methode pour l'examen microscopique "in vivo" du coeur des vertébrés. Comp. Rend. Soc. Biol. Paris 106:847-50, 1931

Created bioiridomicroscopy

LINKS

<http://www.smu.org.uy/dpmc/hmed/historia/articulos/estable.pdf>

http://www.revistacts.net/files/rodriguez_ithurralde_editado.pdf

His nephew, José Jesus Estable Parodi, physiologist and pharmacologist (Montevideo 22 September 1905 – 10 December 1976)

Authored 66 papers

DESCRIBED TECHNIQUES

With H.J. Rossello. Nueva tecnica de descerebración en el perro. Comptes Rendus des Sciences de la Société de Biologie et ses filiales et associées CXI (32):406, 1932

With C. Bordoni Posse & E.C. Palma. La tecnica de arteriografia de contraste y sus resultados. Rev. Inform. Terap. 19:106, 1937

PAPERS WITH FOREIGN AND FAMOUS SCIENTISTS

T.H. Sollmann

Action of procaine, salicylate and benzoate of sodium on the excitability of skeletal muscle and of nerve. *Anesth.* 9(2):194-9, 1948

Survival time of refrigerated mammalian muscle and nerve after somatic death. *Am. J. Physiol.* 156(3):328, 1949

With S.O. Hoerr. Loss of excitability of frog sciatic nerve and skeletal muscle on deep-freezing. *Am. J. Physiol.* 156(3):333, 1949

C. Heymans

On new nicotinolytic compounds. *Science* 109 (2823):122, 1949

With S. Castillo de Bonneveaux. Sur la pharmacologie de la phénothiazinyl-ethyldiéthylamine (2987 R.P.). *Arch. Intern. Pharmacodyn. Therapie* LXXIX (2-3):123, 1949

With S. Castillo de Bonneveaux. Nicotinolytic action of diethylaminoethylphenothiazine (2987 R.P. or Diparcol). *Arch. Intern. Pharmacodyn. Therapie* LXXIX (2-3):185, 1949

Clemente Ferreira

February 28, 2024

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

Clemente Miguel da Cunha Ferreira, Brazilian physician (Rezende, Rio de Janeiro State 29 September 1857 – São Paulo 06 August 1947)

Authored 256 works

SOME BIBLIOGRAPHY

A propos de l'emploi du chlorhydrate de pereirine dans le fievres malariques. Bull. Gen. Therap. (1885)

De l'emploi du salol dans la fièvre jaune (1890)

Du traitement de la syphilis infantile par les injections sous-cutanées de sels mercuriels (1891)

De la tuberculose chez les enfants. Bull. Gen. Therap. (1893)

Sur l'albuminurie dans la malaria infantile. Revue des Maladies de L'enfance (1893)

L'albumine dans l'expectoration comme element semiologique dans la diagnose précoce de la tuberculose pulmonaire (1911)

HONOURS

Cited in Prix Montyon, Institut de France (1894) for his work Etudes cliniques sur la coqueluche (1887)

Correspondent Member, Société Therapeutique de Paris

Award, International Congress Against Tuberculosis, Rome (1912)

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

Clementino Fraga

February 28, 2024

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

Clementino da Rocha Fraga, Brazilian physician (Muritiba, Bahia State 15 September 1880 – Rio de Janeiro 08 January 1971)

Authored important studies about beri-beri and malaria

Described an adrenal form of malaria that became known as Fraga's syndrome communicated primarily to Sociedade Médica dos Hospitais da Bahia in 1914

Suprarenal syndrome in paludism. Proc. Am.Soc. Trop. Med., 1917

Described a sign of suprarenal insufficiency known as Fraga's sign or orthostatic tachycardia

Sobre um sinal de insuficiência suprarenal. Soc. Med. Hosp. Bahia, 1916.

Proposed Clementino Fraga classification for adventitious breathing sounds

Cleofe Elsa Calderón

February 26, 2024

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

Cleofe Elsa Calderón, Argentine botanist (Buenos Aires 26 October 1929 – Buenos Aires 19 March 2007)

DESCRIBED POACEAE TAXA (With Soderstrom)

Tribe

Streptogynaeae 1980

Genera

Maclurolyra 1973

Leptophyllochloa 1978

Arberella 1979

Otatea 1980

Species

Arberella dressleri

Chusquea angustifolia

Chusquea circinata

Chusquea coronalis

Chusquea longiligulata

Chusquea scabra

Chusquea vulcanalis

Koeleria fueguina

Koeleria vurilochensis

Maclurolyra tecta

HONORS

Calderonella Soderstrom & Decker 1973 (Poaceae)

Clodomiro Marticorena

April 3, 2024

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

Clodomiro Fidel Segundo Marticorena Pairoa, Chilean botanist (Huasco, Atacama Region 09 September 1929 – Concepción 27 October 2013)

DESCRIBED PLANTAE TAXA

Valid Genus

Pabellonia 1976 with Quezada (Alliaceae)

Species

Cardamine thermarum 2001

Chaetanthera aymarae 1974 with Quezada

Chersodoma longipedicellata 1964 with Ricardi

Lathyrus collae 2000

Menonvillea rollinsii 1990 with Al-Shehbaz

Nassauvia coronipappa 1988 with Arroyo

Nolana rhombifolia 1974 with Quezada

Pabellonia oxypetala 1976 with Quezada

Polycarpon coquimbense 1995 with Gereau

Senecio behnii 1964 with Ricardi

Senecio coscayanus 1964 with Ricardi

Senecio laucanus 1964 with Ricardi

Senecio olivaceobracteatus 1964 with Ricardi

Senecio pappii 1964 with Ricardi

Senecio pfisteri 1964 with Ricardi

Senecio ricardii 1974 with Quezada

Senecio zapahuiensis 1978 with Quezada

Senecio zoellneri 1974 with Quezada

Sisymbrium donnarosae 2000

Stipa yatesensis 1987 with Quezada

Urbanodoxa tarapacana 1966 with Ricardi

Vicia coquimbensis 2000

Viola toroensis 2001

HONORS

Marticorenia Crisci 1974 (Asteraceae)

Clodomiro Picado

April 17, 2024

[Bibliography](https://neglectedscience.com/category/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)

Clodoveo Carrion Mora

February 26, 2024

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

Clodoveo Augusto David Baltazar Carrión Mora, Ecuadorian naturalist (Loja 11 June 1883 – Guayaquil 09 December 1957)

Discovered and collected specimens of fossil plants and fishes, arthropods, reptiles, amphibians and birds from which new species were described

SOME BIBLIOGRAPHY

Estudios científicos: insectos fósiles en la hoya de Loja. Revista Mediodía CCE 11:1-14, 1935

Breves consideraciones sobre la paleontología de Loja. Rev. Cient. Liter. Colegio Bernardo Valdiviezo 1(1):313-6, 1935

Contribución a la paleontología de las provincias de Azuay y Loja. Rev. Universitaria 2(2-3):150-61, 1934

Breves consideraciones sobre la flora y fauna de la Provincia de Loja (1930)

El chirimoyo (*Annona cherimolia*). Rev. Cient. Liter. Colegio Bernardo Valdiviezo 4(5):313-6, 1930

El huato o guato (*Erythrina* sp.). Rev. Cient. Liter. Colegio Bernardo Valdiviezo 1(1):15-20, 1925

La achira. Rev. Cient. Liter. Colegio Bernardo Valdiviezo 5 (46):317-9, 1918

El algodónero. Rev. Cient. Liter. Colegio Bernardo Valdiviezo (1914)

Historia natural de la provincia de Loja (1909)

Monografía de algunas plantas textiles y tintoreas de la provincia de Loja

El chulco (*Oxalis* sp.)

Plantas fósiles del valle de Malacatos

HONORS

Carrionellus White 1927 (Fossil Pisces)

Carrionia Muir 1931 (Hemiptera)

Clotilde Jauch

March 1, 2024

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

Clotilde Jauch Collaud, Argentine plant pathologist (1910 – ?)

Developed a new method for obtaining sporulation of *Cercospora beticola* in artificial media

La viruela de la remolacha azucarera. I. Producción de conidios de *Cercospora beticola* em medios artificiales (1963)

With A.A. Ogloblin. Un hongo parasito de acridios. Rev. Invest. Agric. 7 (1953)

Una nueva enfermedad de las calas en la Argentina. An. Soc. Cient. Arg. 144:447-56, 1947 (by *Conothecium richardiae*)

DESCRIBED SPECIES

Hadrotrichum cedrelae

Nosema coliadis 1948

Septoria nothofagi 1967 with Valla (that causes spot leaf of *Nothofagus*)

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 (Al₂O₃) 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)

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With M. Cruz. Fixação das coroas de transferência à moldreira. *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. Neurobiologia 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

Experiência 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 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 C¹⁴ 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

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With J.G. Tundisi & J. Santoro-Ycaza. Primary production, zooplankton standing stock and some environmental factors. Int. Revue Ges. Hydrobiol. Hydrogr. 53(5)

Coaracy Franco

February 28, 2024

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

Coaracy de Moraes Franco, Brazilian agronomist and plant physiologist (Amparo, São Paulo State 16 September 1912 – ?)

Developed two simple aiding devices for use in coffee bush grafting (reported at the newspaper O Estado de São Paulo April 23, 1972 (page 6)

A method to ensure the availability of iron and phosphorus in nutrient solutions

With W.E. Loomis. The absorption of phosphorus and iron from nutrient solutions. *Plant Physiol.* 22(4):627-34, 1947

First to note the typical symptoms of zinc deficiency in coffee plants

With H.C. Mendes. Deficiência de microelementos em cafeeiro. *Bol. Supt. Serv. Café São Paulo* 28(318): 19-22, 1953

With H.C. Mendes. Deficiência de zinco em cafeeiro. *Bol. Supt. Serv. Café São Paulo* 29(334): 34-9, 1954

TECHNIQUES

With L.C.S. Ramos & M.M. Alves de Lima. Titration method to estimate the root surface area of coffee plants. *Turrialba* 28(4):303-5, 1978

With M. V. de Moraes. Método expedito para enxertia em café (A quick method for grafting in coffee plant) 1968

With A.C. Magalhães. Inconveniências do método das pesagens rápidas para a medida da transpiração. *Phyton* 20:87-96, 1963

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With R. Inforzato developed potted plant weighing technique for measuring transpiration of *Coffea arabica*, *Inga edulis* and *Eucalyptus saligna* (1950-2)

SOME BIBLIOGRAPHY

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Influence of temperature on growth of coffee plant (with special emphasis on root temperature). *Bull. IBEC Research Institute* (1958)

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With R. Inforzato. Quantidade de água transpirada pelo cafeeiro cultivado ao sol. *Bragantia* 10(9): 247-57, 1950

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O problema do sombreamento dos cafezais em São Paulo. *Bol. Supt. Serv. Café São Paulo* 22:708-17, 1947

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With J.E. Paiva Neto. Influência do manganês sobre o desenvolvimento do arroz cultivado em solução nutritiva: nota prévia. *Bragantia* 1(7):517-24, 1941

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Fotoperiodismo em cafeeiro (*C. arabica* L.). *Rev. Inst. Café Estado de São Paulo* 15(164):1586-92, 1940

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Relation between chromosome number and stomata in *Coffea*. *Bot. Gaz.* 100(4):817-27, 1939

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Coluthur Gopalan

February 29, 2024

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

Coluthur Gopalan, Indian nutritional biochemist (Salem, Tamil Nadu 29 November 1918 – Chennai 03 October 2019)

Studied Grierson-Gopalan syndrome

Burning feet syndrome. Indian Medical Gazette 81:22-26, 1946.

Showed the importance of breast-feeding for infant growth and also the effect of maternal dietary intake and nutritional status on breast milk composition

Showed the role of pantothenic acid in the burning feet syndrome and the role of fatty acids in phrynoderma

Demonstrated the link between aflatoxicosis and hepatic carcinoma

Suggested the amino acid imbalance may be one cause of pellagra

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Kwashiorkor and marasmus: evolution and distinguishing features. Natl. Med. J. India 5(3):145-51, 1992

HONOURS

President, International Union of Nutritional Sciences (1975-9)

International Union of Nutrition Sciences Award (1989)

LINKS

<http://www.currentscience.ac.in/Volumes/107/07/1184.pdf>

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

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With M. Payet, J. Cros, M. Sankalé & M. Moulanier. Deux observations d'enfants ayant consommé de façon prolongée des farines souillées 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 complète (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 en particulier d'une forme subaiguë encéphalique et anictérique chez un nouveau-né africain jumeau di-zygote (1966)

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With U. Richir & P. Correa. Mole desquamante et chorio-épithéliome. *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 pancréatiques des sujets atteints de malnutrition (kwashiorkor). *Bull. Mem. Ecole Nat. Med. Dakar* 7:267-8, 1959

With P.N'Diaye. Etude anatomopathologique des abcès amibiens 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. Añãños & 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

Consuelo Bazan de Segura

February 26, 2024

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

Consuelo Bazán de Segura, Peruvian plant pathologist (1914 – 2001?)

Born Consuelo Bazán Pizarro

Una nueva enfermedad del haba (*Vicia faba* L.) en el Peru. *Agronomía* 10(42):49-52, 1945 (*Phoma* sp.)

Carica papaya, another possible host of *Phytophthora cinnammomi*. *Plant Dis. Reporte* 35(5):335, 1951

With A. Quevedo first report about potato smut on *Solanum stoloniferum* (1955)

Stated that the causal organism of *Verticillium* wilt of potato in Peru was *Verticillium albo-atrum* (1958)

Reported a wilt of chile pepper caused by *Phytophthora citrophthora* (1958)

Corticium salmonicolor and *Pellicularia koleroga* on various species of *Eucalyptus* in Turrialba, Costa Rica. *Turrialba* 20(2):254-5, 1970 (first report of pink disease on *Eucalyptus*)

Attack of *Phytophthora* blight of macadamia by *Phytophthora palmivora*. *Turrialba* 20:375-6, 1970 (first report of *Phytophthora* blight of macadamia by *P. palmivora*)

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

Cosme Bueno

February 26, 2024

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

Francisco Antonio Cosme Bueno y Alegre, Spanish-born Peruvian physician, mathematician and geographer (Belver de Cinca, Aragón 09 April 1711 – Lima 11 March 1798)

ACHIEVEMENTS

Anticipated the discovery of *Phlebotomus* sp. as etiologic agent of bartonellosis and leishmaniasis

El conocimiento de los tiempos. Ephemeride del año 1761, bisiesto: en que van puestos los principales aspectos de luna con los astros, y de ellos entre sí. (1764)

Reported the first reference of association between goitre and deafness (1769)

SOME BIBLIOGRAPHY

Disertación physico experimental sobre la naturaleza del aire, y sus propiedades (1750)

Disertación sobre los antojos de las mujeres preñadas (1760 & 1794)

Tablas de las declinaciones del sol, calculadas al meridiano de Lima, que puedan servir sin error sensible desde el año de 1764, hasta el de 1775, inclusive (1763)

Parecer sobre la inoculación de las viruelas (1778)

Disertación sobre el arte de volar (1793)

HONORS

Cosmibuena Ruiz & Pavón 1802 (Rubiaceae)

Cristina Dizeo

February 27, 2024

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

Cristina Gloria Dizeo de Strittmatter, Argentine plant histologist (fl.1970)

DEVELOPED / MODIFIED TECHNIQUES

Nueva técnica de diafanización. Bol. Soc. Arg. Bot. 15(1):126-9, 1973

Modificación de una coloración safranina-fast green. Bol. Soc. Arg. Bot. 18(3-4), 1979

Coloración con violeta de cresyl. Bol. Soc. Arg. Bot. 19(1-2):273-6, 1980 (first time to use the metachromatic staining of Cresyl Violet in plant tissues)

Modificación de la tecnica de inclusión en parafina de Johansen. Dominguezia 16(1), 2000

Cristóbal Espíldora Luque

February 27, 2024

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

Cristóbal Espíldora Luque, Chilean ophthalmologist (1896 – 1962)

ACHIEVEMENTS

Described Espíldora Luque syndrome

Síndrome oftálmico-silviano (ceguera monocular hemiplejía alternas). Archivos Oftalm. Hispano-Amer. 34:616-21, 1934

Espíldora Luque classification of hypertensive neuropathies

Sobre clasificaciones oftalmoscópicas de la hipertensión arterial. El Día Médico 28:402, 1946

SOME BIBLIOGRAPHY

The glaucomatous Syphilitic Patient. Arch. Oftalm. Hispano-Amer. 30: 1929.

Arterielle Ueberdruck im Kopfe. Zentralb. F.d. ges. Ophthal. 22:421, 1932.

With W.E. Coutts. Signos oculares de La linfogranuloma inguinal subaguda. Rev. Med. Chile 62:433, 1934.

L'Hypertension arterielle retinienne solitaire. Tr. XV Internat. Ophthal. Congr. 2:156-89, 1937.

With E. Santos Galmez & L. Casorza. Systemic and retinal hypotension in tabetic and glaucoma papillary atrophy. Arch. Oftal. Buenos Aires 15:136-60, 1940.

With J. Mosser & A. Gormaz. Síndrome de Sjogren (Dacrio-psialo-adenopathia-atrophicans). Arch. Soc. Oftalm. Hispano-Amer. 8(4):333-350, 1948

Changes in the fundus oculi in arterial hypertension. Rev. Med. Chile 82(9):507-8, 1954.

With A. Gormaz, G. Lama & A. Villaseca. Intraocular acrylic lens. Ridley's operation. Arch. Chil. Oftalm. 12:56, 1955.

With F. Goni, R. Ortuzar, P. Thomsen & L. Vial. Pyretotherapy and subcutaneous hexamethonium in the treatment of severe and malignant hypertension. Circulation 13:351-9, 1956.

Una variedad especial de desprendimiento retinal. Arch. Chil. Oftal. 15(41):102-3, 1958.

Cristobal Hicken

February 29, 2024

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

Cristóbal Maria Hicken, Argentine botanist (Buenos Aires 01 January 1875 – Mar del Plata 11 March 1933)

From German parents

Authored over 70 works

DESCRIBED NEW PLANTAE TAXA

Valid Genera

Gallardoa 1916 (Malpighiaceae)

Holmbergia 1909 (Chenopodiaceae)

Species

62

Forms

31

Varieties

47

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)

Cruz-Coke family

February 26, 2024

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

Eduardo Cruz-Coke Lassabe, Chilean biochemist (Valparaíso 22 April 1899 – Santiago 18 March 1974)

From French mother and English grandfather

ACHIEVEMENTS

Developed the idea that molecular fluctuations exert a major influence on cells rather than that exerted by thermodynamics anticipating J. Monod

Las transformaciones de la energía en los organismos vivos. Rev. La Clínica 4:517-30, 1927

Discovered tyrosine molecule in angiotensin

Identified a factor of “energy yield” in oxidation reactions

Factores componentes del metabolismo. Rev. Med. Chile 68:159-62, 1940

With J. Mardones & M. Plaza de los Reyes proposed a scheme of a number of biochemical reactions in renal hypertension mechanism

METHODS

Developed chemical methods for inactivating angiotensin (1946)

With L. Lapicque. Nouvelle methode de dialyse chloroformique. Compt. Rend. Soc. Biol. Paris 96:946-8, 1927

Sur une reaction chimique de la vitamine antirachitique. Compt. Rend. Soc. Biol. Paris 105, 1930

A colour reaction of vitamine E with vitamine K and cysteine. Nature 181(4601):49, 1958

Papers in top journals

With F. Gonzalez & W. Hulsen. The use of ionic exchange resins for the purification of penicillin and hypertensin. Science 101 (2622), 1945 (A simple method of purifying penicillin by means of synthetic resins)

Inactivation of hypertensin. Science 104 (2691):86, 1946

Mechanism of renal hypertension. Ann. N.Y. Acad. Sci. 3:32-60, 1946

HONORS

Doctor Honoris Causa, Université de Paris

Life Member, New York Academy of Sciences

Honorary Member, United States Surgeons Association

Vice-president, First International Congress of Biochemistry, Cambridge (1949)

His son, Ricardo Cruz-Coke Madrid, Chilean physician (Santiago de Chile 13 August 1925 – Santiago de Chile 26 October 2016)

Authored about 300 publications about medicine, genetics, ethics and history

Described a nomogram to estimate the chance of consanguinity for specific autosomal recessive diseases

Nomogram for estimating specific consanguinity risks. J. Med. Genet. 19(3):216-7, 1982

Sexagesimal scale for mapping human genome. Rev. Chil. Hist. Nat. 74(1):91-7, 2001

A general diagram of human genome. J. Med. Genet. 27:388-9, 1990

With J.C. Silva. Medical genetic study by computer of a universal sample of livebirths. I. Introduction to the methods. Rev. Med. Chile 97(5):320-31, 1969

With J. Mardones. Detection of the segment of the population vulnerable to alcoholism, by means of a genetic marker Bol. Oficina Sanit. Panam. 71(3):187-93, 1971

Papers / Letters in Lancet

Genetic diagram of the human family. Lancet 304 (7872):109, 1974

Genetic theory and the alcoholic phenotype. Lancet 302 (7840):276, 1973

With G.J. Gorrell & H.C. Thuline. Inheritance of alcoholism. *Lancet* 289 (7484):274-5, 1967

With A. Varela. Inheritance of alcoholism. Its association with colour-blindness. *Lancet* 2 (7476):1282-4, 1966

With A. Varela. Colour-blindness and alcohol addiction. *Lancet* 2 (7426):1348, 1965

Colour-blindness and cirrhosis of the liver. *Lancet* 1 (7396):1131-3, 1965

With R. Etcheverry & R. Nagel. Influence of migration on blood pressure of Easter Islanders. *Lancet* 1 (7335):697-9, 1964

Absence of essential hypertension. *Lancet* 278 (7214):1255, 1961

Environmental influences and arterial blood pressure. *Lancet* 2 (7156):885-6, 1960

The nature of hypertension. *Lancet* 275 (7134):1128, 1960

The nature of essential hypertension. *Lancet* 274 (7107):853, 1959

Diastolic pressure and malignant hypertension. *Lancet* 272 (7049):752-3, 1958

With M. Plaza de los Reyes, R. Orozco, I. Matus & A. Cristofanini. Influenzal pneumonia treated with cortisone and antibiotics. *Lancet* 270:7000-5, 1957

Cyril Jackson

March 1, 2024

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

Cyril V Jackson, English-born South African astronomer (Ossett, Yorkshire 05 December 1903 – Haenertsburg, Transvaal February 1988)

Discovered 72 asteroids (1929–39)

Discovered Jackson (1935), Jackson–Neujmin (1936) & Ashbrook–Jackson (1948) comets

HONORS

Asteroid 2193 Jackson

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. Acclimatising 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 Corte Brilho

February 26, 2024

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

Cyro Corte Brilho, Brazilian agricultural engineer (Piracicaba, São Paulo State 29 April 1900 – Campinas, São Paulo State 05 November 2002)

With S.R. Santos & A.J.D. Pinto. Vaso IAC separador de óleos essenciais mais leves do que a água (A new essential oil separator). *Bragantia* 21, 1962

DEVELOPED TECHNOLOGY FOR

Harvesting sugar cane

Processing cotton, tea and sisal plants

Canning corn, beans and peas

Jams production

Extraction of Aromatic essential oils

Improvements in harvesters, manure spreaders and agricultural planters

Paper making with sugarcane bagasse

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](#) 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)

Daher Elias Cutait

February 26, 2024

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

Daher Elias Cutait, Brazilian surgeon (São Paulo 28 September 1913 – São Paulo 06 June 2001)

Son of Lebanese immigrants

Authored over 120 papers, 40 book chapters, 3 books and about 100 surgical films

With E.B. Montenegro. Construction of a new esophagus by means of the transverse colon and its applications for caustic atresia, carcinoma and varices of the esophagus. *Surgery* 44:785, 1958

First advocated direct suture rectopexy

Sacro-promontory fixation of the rectum for complete rectal prolapsed. *J.R. Soc. Med.* 52:105-6, 1959 (Suppl)

Developed abdominoperineal pullthrough resection with delayed colorectal anastomosis called Cutait-Turnbull pull-through method or Swensson-Cutait surgery

Megacolo: Nova técnica de retossigmoidectomia abdominoperineal sem colostomia. *Anais 11th Intern. Congr. Proctology* 2:831-46, 1960

With F.J. Figliolini. A new method of colorectal anastomosis in abdominoperineal resection. *Dis. Colon Rectum* 4:335-42, 1961

Co-described abdominoperineal rectosigmoidectomy with delayed colorectal anastomosis (Cutait operation)

With D. Birolini, F.J. Figliolini, P.D. Branco, P. Altenfelder, M. Speranzini, S.M. Campos, E.A.B. Ferreira, I. Fujimura, M.R. Oliveira & E.S. Bastos. Experiência com o tratamento do megacólon adquirido pela retossigmoidectomia e descrição da técnica da anastomose colo-retal retardada. *Rev Ass Med Bras.* 11:429-34, 1965

HONORS

President, International Society of Colon and Rectal Surgeons (1984)

Honorary Fellow, Royal College of Surgeons (1989)

Daher E. Cutait Oration, International Society of Colon and Rectal Surgeons (1992)

Dalcy & Isolda Albuquerque

February 25, 2024

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

Dalcy de Oliveira Albuquerque, Brazilian entomologist (Cuiabá 02 August 1918 – Rio de Janeiro 03 October 1982)

DESCRIBED DIPTERA TAXA

Genera

Hylemyioides 1949

Macquartiopsis 1949

Magma 1949

Souzalopesmyia 1951

Agenamyia 1953

Bocainamyia 1953

Arthurella 1954

Cholomyioides 1954

Cordiluroides 1954

Haroldopsis 1954

Hemixanthomyia 1954

Petrmyia 1954

Pilisipina 1954

Plumispina 1954

Pachyceramyia 1955

Paradexiopsis 1955

Sarconesiomima 1955

Noelia 1957

Phaonantho 1957

Levallonia 1958

Odontocladius 1974

Itatingamyia 1979

Anthojuba 1981 (with Couri)

Neomusciniopsis 1982 with Souza Lopes

Sarconesisca 1982 (with Souza Lopes)

Scatogera 1984

Species

126

HONORS

Albuquerquea Pinto de Melo 1967 (Diptera)

Dalcycella Carvalho 1989 (Diptera)

His wife, Isolda Rocha e Silva Albuquerque, Brazilian entomologist (Rio de Janeiro 27 January 1931 –

DESCRIBED ORTHOPTERA TAXA

Genera

Aseucina 1963 (with Gurney)

Helgaia 1963 (with Gurney)

Alvarengaia 1977 (with de Aguiar)

Species

183 valid

HONORS

Isoldaia Gurney & Roth 1967 (Orthoptera)

Isoldalinus Carvalho & Felipe 1983 (Hemiptera)

Damaso Antonio Larrañaga

March 6, 2024

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

Damaso Antonio Larrañaga Pires, Uruguayan theologian, naturalist, geographer and philologist (Montevideo 10 December 1771 – Montevideo 06 February 1848)

Described 380 plant species, 216 arthropods and 88 other animals beyond a number of fossils (despite the fact his writings were published much time after and lost the priority)

Determined internal structure of *Dasypus megatherium*

Kept contact to eminent naturalists such as Bonpland, Saint-Hilaire and Freycinet

SOME BIBLIOGRAPHY

His writings were published between 1922 and 1930 as *Escritos de Don Damaso Antonio Larrañaga* by Instituto Historico y Geographico del Uruguay

Atlas (Parte I. Botanica. Parte II. Zoologia, paleontologia y mapas)

Botanica (1820-4)

Gramatica abipona

Noticias sobre los indios minuanes (1813)

Compendio del idioma de la Nación Chaná

Diario del viaje desde Montevideo al pueblo de Paysandu (1815)

Memoria geológica sobre la piedra de cal de Buenos Aires por um hijo del pais

Memoria geológica sobre la formación del Río de la Plata, deducida de sus conchas fósiles escrita por lo año 1819. An. Mus. Nac. Montevideo 1:3-12, 1894

HONOURS

Correspondent Member, Société de Geographie de Paris

Damaso de Rivas

April 23, 2024

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

Damaso de Rivas Alemán, Nicaraguan pathologist and parasitologist (Diria, 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.)

Damodar Dharmananda Kosambi

March 2, 2024

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

Damodar Dharmananda Kosambi, Indian mathematician and statistician (Kosben, Goa 31 July 1907 – Pune, Maharashtra State 29 June 1966)

Introduced Kosambi map function in The Estimation of Map Distance from Recombination Values. Annals of Eugenics (1944)

Developed proper orthogonal decomposition or Kosambi-Karhunen-Loeve decomposition (1943)

Developed methods for quality control of industrial goods and statistical methods for determining dams sites and sizes

Eponym of Kosambi rule

Dang Vu Khuc

June 30, 2024

[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 Afedzi Akyeampong

February 25, 2024

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

Daniel Afedzi Akyeampong, Ghanaian mathematician (Senya Beraku 24 November 1938 – Legon, Accra 07 March 2014)

Authored 26 publications

With R. Delbourgo discovered a new PCAC law (1973)

With R. Delbourgo showed how to extract the famous axial anomalies using the technique of dimensional regularization and to obtain the anomalies in the trace of the canonical stress tensor (1973)

With R. Delbourgo demonstrated that the exponential superpropagator is characterized by a minimal singularity in four dimensions (1974)

Proposed the use of helicity basis for studying tensor harmonics (1979)

Daniel Alberto Valencio

June 30, 2024

[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 Alcides Carrión

February 26, 2024

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

Daniel Alcides Carrión García, Peruvian physician (Quiullacocha, Cerro de Pasco 13 August 1857 – Lima 05 October 1885)

Demonstrated clinically and experimentally that Peruvian wart and Oroya fever were 2 evolutive steps of bartonellosis (1885)

Eponym of Carrión disease or bartonellosis (1885)

Daniel de la Paz

February 27, 2024

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

Daniel de La Paz, Philippine pharmacologist (Marikina, Rizal Province 03 January 1887 – ?)

Described Cannon reflex or Cannon-de la Paz syndrome

With W.B. Cannon. Emotional stimulation of adrenal secretion. *Am. J. Physiol.* 28:64-70, 1911

With A.G. Sison found *Premna odorata* effective for treating bronchial asthma

SOME BIBLIOGRAPHY

With F. Garcia. An experimental study on the use of apomorphine to remove foreign bodies from the respiratory passages. *Phil. J. Sci.* 11 Sect B : 51-59, 1916

With L.A. Guerrero & A. I. Guerrero. Poisoning by *Illicium religiosum* Siebold. *Phil. J. Sci. Sect B* 11(5):203-13, 1916

On the antihelminthic property of *Quisqualis indica*. *Trans. 4th Congress Far Eastern Assoc. Trop. Med.* 2:255, 1921.

Daniel Gerhardus Krige

March 2, 2024

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

Daniel Gerhardus Krige, South African mining engineer (Bothaville, Free State 26 August 1919 – Johannesburg 03 March 2013)

Authored about 90 technical papers

Recognized worldwide as main pioneer in geostatistics

Applied mathematical statistics to the valuation of gold mines using a limited number of boreholes and of ore reserves for existing mines known as kriging (1951)

Introduced the geostatistical concepts such as support, spatial structure, selective mining units and grade-tonnage curves (1952)

Published one of the first papers on risk analysis for new mining investments (1955)

Designed uranium pricing formula for contracts

HONORS

Krumbein Medal, International Association of Mathematical Geology (1984)

Daniel Jackling Award, American Society of Mining Engineers (1987)

Foreign Associate, United States National Academy of Engineering (2010)

LINKS

<http://www.saimm.co.za/Conferences/Apcom2003/405-Minnitt.pdf>

Daniel Jacob du Plessis

February 27, 2024

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

Daniel Jacob du Plessis, South African surgeon (Paarl, Western Cape Province 17 May 1918 – 12 September 1999)

Pioneered work on the aetiology of peptic ulceration

Showed the contribution of the bile reflux to the genesis of gastric ulceration

Pathogenesis of gastric ulceration. *Lancet* 1:974-8, 1965

His books *Principles of surgery: a new approach* (1968) and *A synopsis of surgical anatomy* (1975) were used internationally

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)

Daniel Pedro Ferro Cardoso

February 26, 2024

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

Daniel Pedro Ferro Cardoso, Brazilian engineer and inventor (Natal 08 October 1837 – Rio de Janeiro 05 April 1899)

INVENTIONS/PATENTS

INVENTIONS/PATENTS

Pneumatic coffee-grain dryer (1877) and 4 improvements on it (e.g. Ferro Cardoso dryer 1886)

Melhoramento na máquina de secar café, denominada secador Ferro Cardoso nº 8701 (1882)

Melhoramento no secador Ferro Cardoso (1882)

Aparelho de secar café denominado “secador pneumático pela condensação” nº6645 (1877)

With J. Sherrington. Aparelho destinado a secar café nº6603 (1877)

Other patents in 1879 and 1886

Machine for peeling coffee grains

An apparatus for lower the temperature indoor

Aparelho para baixar temperatura no interior dos edifícios nº3171 (1863)

Brazilian formicide liquor

With Antonio Pinto Moreira. Formicida ou Licor inseticida brasileiro nº7951 (1880)

Prodigio Dryer for any objects or evaporate liquids employing barometric principle

Máquinas de secar qualquer objeto ou evaporar líquido pelo princípio barométrico, as quais denominou secador Prodigio (1884)

A mechanical liquid evaporator

Aplicação do ar por meio mecânico para evaporação dos líquidos pelo aparelho que denominou evaporador mecânico (1891)

Insecticide and restorer for coffee plants

Preparado industrial denominado Inseticida e restaurador dos cafeeiros, destinado a destruir formigas, impedir a repovoação dos formigueiros e fertilizar as plantas (1885)

Refrigerator for buildings

Aparelho de sua invenção, denominado Refrescador e destinado a modificar a temperatura no interior das casas nº8428 (1882)

A preparation for replacing brick in house buildings

Preparação destinada a substituir o tijolo na construção de casas nº5956 (1875)

A steam toaster for coffee, cacao, chicory and others (awarded in Universal Fair at Paris 1889)

Patent about improvement of healthy air status (1879)

Empregar magnetismo como força motriz nº7296 (1879)

Aplicação do ar por meio mecânico para evaporação dos líquidos pelo aparelho que denominou evaporador mecânico (1891)

A box for cigarettes production (1909) posthumous

Daniel Roussouw Kannemeyer

March 2, 2024

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

Daniel Roussouw (Rousseau) Kannemeyer, South African physician, naturalist and archaeologist (Cape Town 26 December 1843 – Bloemfontein 01 January 1925)

Collector of insects (butterflies and moths), arachnids, reptiles, fossils (vertebrate and plant) and archaeological and ethnographic artifacts

SOME BIBLIOGRAPHY

Some proof that mammalia occur in the upper Karoo beds at Dunn (1889)

Stone implements of the Bushmen. Cape Illustrated Magazine 1:120-30, 1891

Colonial nomenclature. Cape Illust. Mag. 1:402-7, 454-8, 472-7, 1890-1

Note on locusts as propagators of foot and mouth disease. Trans. South Afr. Philos. Soc. 8:84-5, 1890-5

HONORS

Kannemeyeria Seeley 1908 (Fossil Reptilia)

LINKS

www.s2a3.org.za/bio/Biograph_final.php?serial=1491

Danko Brncic

February 26, 2024

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

Danko Brncic Juricic, Chilean geneticist (Punta Arenas, Magallanes 31 August 1922 – Santiago de Chile 24 April 1998)

From Croatian descent

Authored over 120 works

First to show that biological fitness depends on inner and relational balance of genes in chromosome

Heterosis and integration of the genotype in geographic populations of *Drosophila pseudoobscura*. Genetics 39:77-88, 1954

Performed classical studies on genetical ecology of *Drosophila* (1957-72)

DESCRIBED NEW TUMORS

Un Nuevo tumor hereditario de la *Drosophila melanogaster* tu49h. Biologica 11:69-83, 1949

With G. Hoecker. Nuevo sarcoma transmisible de la gallina. Rev. Sudam. Morfol. 7:56-74, 1949

DESCRIBED DIPTERA TAXA

Subgenus

Chusqueophila 1957

Species

Drosophila acroria 1962 with Wheeler & Takada

Drosophila alei 1962

Drosophila altiplanica 1957 with Koref-Santibanez

Drosophila araucana 1957

Drosophila atacamensis 1987 with Wheeler

Drosophila camaronensis 1957

Drosophila cestri 1978

Drosophila cordeiroi 1978

Drosophila gasici 1957

Drosophila hoeckeri 1957

Drosophila huiliche 1957

Drosophila incompta 1962

Drosophila nesiota 1962 with Wheeler & Takada

Drosophila orkui 1957 with Koref-Santibañez

Drosophila osornina 1957

Drosophila pavani 1957

Drosophila serenensis 1957

Drosophila viracochi 1957 with Koref-Santibañez

Hirtodrosophila kuscheli 1957

Scaptomyza budnikae 1983

Scaptomyza noei 1955

Scaptomyza pseudovittata 1955

HONORS

Vice-president, XXI World Congress of Genetics, Netherlands (1963)

Genus *Dankomys* Reig 1978 (Fossil Mammalia)

Danuncia Urban

June 30, 2024

[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 penepains 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)

Darbhe Jayarama Bhat

February 26, 2024

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

Darbhe Jayarama Bhat, Indian mycologist (1949 –

DESCRIBED FUNGI TAXA

Order

Fuscoporellales 2016 with Yang & Hyde

Genera

Bahusutrabeeja 1977 with Subramanian

Benjpalia 1987 with Subramanian

Bharatheeya 2002 with D'Souza

Blastocatena 1987 with Subramanian

Brachysporiellina 1987 with Subramanian

Ceeveesubramaniomyces 2004 with Pratibha & Hyde

Kumbhamaya 2000 with Jacob

Natarajania 2005 with Pratibha

Neohelicomyces 2017 with Luo & Hyde

Paradischloridium 1985 with Sutton

Parahelminthosporium 1987 with Subramanian

Peethambara 1978 with Subramanian

Pustulomyces 2014 with Dai & Hyde

Putagraivan 1978 with Subramanian

Sporisdemina 1987 with Subramanian

Sporisdemiopsis 1987 with Subramanian

Vamsapriya 2006 with Gawas

Vanakripa 1993 with Kendrick & Nag Raj

Vittalia 2007 with Gawas

Weufia 1985 with Sutton

Xenoheteroconium 1993 with Kendrick & Nag Raj

HONORS (Fungi)

Bhatiellae Wanasinghe, Camporesi & Hyde 2018

Jayarambhatia Pratibha 2013

Dario Birolini

February 26, 2024

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

Dario Birolini, Italian-born Brazilian surgeon (Fiume, Italy 02 November 1937 –

Authored about 153 papers and 24 books

Co-described abdominoperineal rectosigmoidectomy with delayed colorectal anastomosis (Cutait operation)

With D. E. Cutait, F.J. Figlioni, P.D. Branco, P. Altenfelder, M. Speranzini, S.M. Campos, E.A.B. Ferreira, I. Fujimura, M.R. Oliveira & E.S. Bastos. Experiência com o tratamento do megacólon adquirido pela retossigmoidectomia e descrição da técnica da anastomose colo-retal retardada. Rev Ass Med Bras. 11:429-34, 1965

DEVELOPED METHODS AND OTHERS

With A. Ferreira, M.C. Machado, M.R. Oliveira et al. Method for obtaining portal blood by percutaneous puncture. Rev. Paul. Med. 62:145-148, 1963

With F.B. Jatene, M.J. Bechara, J.F. Biscegli, B. Langer & M.R. Oliveira. Intraoperative autotransfusion. A new device for its performance. Rev. Paul. Med. 99(3): 30-33, 1982

With I. Fujimura, L.T. Horita, T. Okagawa, O.S. Simonsen & M.R. Oliveira. A standardized operative procedure in patients with duodenal trauma. Rev. Hosp. Clin. Fac. Med. S. Paulo 43(1):35-9, 1988

With P.D. Branco, R.S. Poggetti & C.O. Bernini. Balão de tamponamento em ferimentos transfixantes de fígado: resultados imediatos. Rev. Hosp. Clin. Fac. Med. S. Paulo 43(1):20-5, 1988

With E. A. Sallum, S. Sinosaki, F.L. Pereira, P.D. Branco & M. Rocha e Silva. A new method for measuring bleeding loss with a gamma camera, in a canine model of uncontrolled hemorrhage. Shock 11 (Suppl):34, 1999

HONORS

ATLS, Meritorius Service Award, American College of Surgeons (1998)

Provost's Distinguished Visiting Professor, University of Southern California (1998)

Iron Feet Award, International Society for Neuroemergencies (1996)

International Guest Scholar, American College of Surgeons (1973)

Dario Mendes

April 3, 2024

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

Dario Mendes, Brazilian entomologist (Belem do Pará 30 September 1892 – Rio de Janeiro 17 June 1963)

Authored 13 works

DESCRIBED SPECIES

Coleoptera

Ancylodonta almeidai 1946

Ateralphus variegatus 1938

Desmiphora travassosi 1938

Lygrocharis nigripennis 1938

Mendesina carinithorax 1938

Pentheochaetes argentinus 1937

Rhopalophora neivai 1940

Rhynchophora grossopunctata 1952

Sternechus mesosternalis 1962

Others

Austrotachardiella trilobata 1936 (Homoptera)

Eacles camposportoi 1937 (Lepidoptera)

Eucalymnatus itanhaensis 1931 (Hemiptera)

HONORS

Mendesina Lane 1974 (Coleoptera)

Darrel Plowes

April 19, 2024

[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
- Neoplectinaria* 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

Dattathreya Ramachandra Kaprekar

March 2, 2024

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

Dattathreya Ramachandra Kaprekar, Indian mathematician (Dahanu, Maharashtra 17 January 1905 – Devlali 05 July 1986)

Discovered Kaprekar constant or 6174 (1949)

Described Kaprekar number

Defined self numbers or Devlali numbers (1963)

Described Harshad numbers

Named Demlo numbers

EPONYMY

Kaprekar operation

Kaprekar cycle or procedure

Kaprekar algorithm

Kaprekar problem

Daulat Singh Kothari

March 2, 2024

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

Daulat Singh Kothari, Indian astrophysicist (Udaipur, Rajasthan 06 July 1906 – Udaipur, Rajasthan 21 February 1993)

ACHIEVEMENTS

Showed that atoms can be ionized by the application of pressure alone

First to appreciate the importance of pressure ionization and relative importance of conduction and radiation in transport of energy in stars

Proved that the size of a cold body could not exceed that of Jupiter

Showed that the energy flow in the degenerate stellar colors is mainly by the thermal conduction

Application of degenerate statistics to stellar matter. Mon. Not. Roy. Ast. Soc. 93:61-90, 1932

First to suggest neutrons in the interior of cold degenerate bodies by inverse beta decay

Neutrons, degeneracy and white dwarfs. Proc. Roy. Soc. A. 162:521-8, 1937

Derived a relation for the degree of ionization in the non-relativistic degenerate matter using virial theorem

The theory of pressure-ionization and its applications. Proc. Roy. Soc. A. 165:486-500, 1938

Determined the electrical and thermal conductivities of dense degenerate matter

Determined the energy generation in degenerate matter due to H-H reaction

Named non-degenerate radiation

With B.N. Singh. Bose-Einstein statistics and degeneracy. Proc. Roy. Soc. A. 178:135-52, 1941

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. Cereijido 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 Médaille d'Or, Académie Française des Sciences (2003)

LINKS

<http://legacy.library.ucsf.edu/tid/vjm36b00;jsessionid=F0D124B9E7F07A8FD2AC3C98AB97C038.tobacco03>

David Eduard Van Dijk

June 30, 2024

[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 hesteriae 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

Buthlezeria

Mooia

Rigbya

Rusangea

Species

Belemnopteris elongata

Buthlezeria mooiensis

Fetura natalensis

Mooia lidgettonioides

Rigbya arberioides

Rusangea elegans

HONORS

Vandijkophrynus Frost, Grant, Faivovich et al. 2006 (Amphibia)

David Joaquín Guzmán

February 29, 2024

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

David Joaquín Guzmán Martorell, Salvadorean naturalist and anthropologist (San Miguel, El Salvador 15 August 1843 – San Salvador 20 January 1927)

SOME BIBLIOGRAPHY

Essai de topographie physique et médicale de la Republique du Salvador (Amerique Central). Thesis, Faculté de Medecine de Paris (1869)

Estudio sobre el cultivo de algunas plantas y arboles industriales susceptibles de explotarse en la Republica de Costa Rica (1892)

Botanica industrial de Centro America (1908)

Especies utiles de la flora salvadoreña (1926)

HONORS

Honorary Member, Academie Internationale de Botanique de Le Mans (French)

Honorary Member, Academie Universelle des Sciences Naturelles, Bruxelles (1885)

David Paul Annecke

February 25, 2024

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

David Paul Annecke, South African agricultural entomologist (Durban 08 June 1928 – Pretoria 24 February 1981)

His father, Dawid Hugo Siegfried Annecke, South African medical entomologist (Aliwal North 25 February 1895 – 05 August 1955), served on the council of experts on malaria for the World Health Organization

DESCRIBED HYMENOPTERA TAXA

Genera

Allencyrtus 1973 with Mynhardt

Anasemion 1967

Argutencyrtus 1974 with Prinsloo

Bregmencyrtus 1974

Callaincyrtus 1979 with Prinsloo

Coccopilatus 1963

Decamymar 1961

Doutiella 1961

Hadrencyrtus 1973 with Mynhardt

Hesperencyrtus 1971

Homosemion 1967

Insleyia 1979 with Prinsloo

Lounsburyia 1961 with Compere

Macchiencyrtus 1971

Ptilomymar 1961 with Douth

Swazencyrtus 1979 with Prinsloo

Tanaomymar 1961 with Douth

Zemicamptoptera 1961 with Ogloblin

Species

238

HONORS

Anneckella Chappuis & Delamare Deboutville 1967 (Crustacea)

Anneckaida Boucek 1987 (Hymenoptera)

Anneckecoris Slater 1982 (Hemiptera)

Anneckia Subba Rao 1970 (Hymenoptera)

Dayou Ma

April 3, 2024

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

Dayou Ma or Dah-you Maa, Chinese acoustic engineer (Beijing 01 March 1915 – Beijing 17 July 2012)

Authored about 200 papers and 20 books

Invented micro-perforated panel non-fibrous sound absorbers (1975) and microperforation jet mufflers

Analyzed sound decay in a rectangular room in terms of aerial vibration

Gave a formula of jet noise via air pressure and some empirical expressions for sound pressure levels and A-weighted sound levels of cold air jet noise

Presented a simplified method for calculations of normal modes for room acoustics i.e. a formula to describe the distribution of normal modes (1939)

HONORS

Gold Medal, Fraunhofer Society of Germany (1997)

Honorary Fellow, International Institute of Acoustics and Vibration (2001)

Dazhong Wang

June 30, 2024

[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

Debabrata Basu

February 26, 2024

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

Debabrata Basu, Indian statistician (Dacca, Bengal 05 July 1924 – Calcutta 24 March 2001)

Introduced the concept of maximal ancillary (1959)

EPONYMY

Basu paradoxes

Basu theorem (1955)

Basu lemma

Basu-Ghosh structure

Debabrata Lahiri

March 6, 2024

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

Debabrata B. Lahiri, Indian statistician (Rangoon, Myanmar 17 February 1913 – 27 March 2003)

Recognized as a world-famous figure in the theory of sampling

Introduced circular systematic sampling in the design of sample surveys

Lahiri method of sampling with probability proportional to aggregate size leading to unbiased ratio estimation

A method for sample selection providing unbiased ratio estimates. Bull. Int. Stat. Inst. 33(2):133-40, 1951

EPONYMY

Lahiri theorem

Lahiri-Midzuno-Sen strategy

Lahiri sampling scheme

Decio Paiola

April 19, 2024

[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)

Décourt brothers

February 27, 2024

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

Luiz Venere Décourt, clinician (Campinas, São Paulo State 07 December 1911 – São Paulo 20 May 2007)

Published 324 papers

With R.G. Ferri, M. Papaleo Neto, S.D. Giannini, G. Spilborghs & T. Tutiya. Serological tests in diagnosis of rheumatic activity. I. Determination of mucoprotein. *Arq. Bras. Cardiol.* 8(4):361-78, 1955

With R.G. Ferri, T.J.B. Cardoso & T. Tutiya. Isolamento e eletroforese da mucoproteína do soro humano. *Rev. Hosp. Clin.* 10:389-94, 1955

Elaborated a methodology to recognize the most acute moment of rheumatic fever

With J.L. Faria, J.V. Barbas, T. Fujioka, M.F. Lion & U. Andrade e Silva. Pulmonary schistosomotic arteriovenous fistulas producing a new cyanotic syndrome in Manson'schistosomiasis. *Amer. Heart J.* 58:556-67, 1959

Developed revascularization technique of right coronary for acute infarction of myocardium

With E.J. Zerbini & R. Macruz. Cirurgia de revascularização no enfarte agudo do miocárdio. *Arq. Bras. Cardiol.* 23:353-68, 1970

With T. Fujioka, R. Macruz et al. The costobronchogenic angle – a new method for the radiologic evaluation of volumetric changes in the left atrium. *Arq. Bras. Cardiol.* 28(5):523-35, 1975

First experimental demonstration of coronarian flow phenomenological derivation

With O.M. Gomes, N.L.T.B. Moraes, A.I. Fiorelli, E. Armelin, D. Bittencourt, F. Pileggi, R. Macruz & E.J. Zerbini. Fenomeno de derivação do fluxo coronário: primeira demonstração experimental. *Arq. Bras. Cardiol.* 32:141, 1979.

Co-authored the biggest series of researches about myocardial muscle bridges and found two types of them (superficial and deep)

With A.G. Ferreira Jr., S. Trotter, B. König Jr, K. Fox & E.G. Olsen. Myocardial bridges: morphological and functional aspects. *Brit. J. Heart* 66:364-7, 1991

His brother, Luciano Venere Décourt, Brazilian endocrinologist (Campinas, São Paulo State 1914 – São Paulo 1975)

Authored 86 works

Described that phenotypic signs of Turner syndrome were due to absence of nuclear chromatine (1954)

With W.S. Sasso, E. Chiorboli, M.C. Lima and J.M. Fernandes. Sobre o sexo genético na síndrome de Turner. *Rev. Assoc. Med. Bras.* 1(2):203-6, 1954.

Demetrio Sodi Pallares

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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 electrocardiografía* (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](https://neglectedscience.com/category/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

Deolindo Couto

February 26, 2024

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

Deolindo Augusto de Nunes Couto, Brazilian neurologist and writer (Teresina 11 March 1902 – Rio de Janeiro 29 May 1992)

Described Deolindo Couto's pseudo-myopathic syndrome

SOME BIBLIOGRAPHY

With B. Couto. Schistosomiasis of the spinal cord. *Rev. Neurol.* 20:315-25, 1962

Polineuropatias alcoholicas perifericas. *Rev. Neurol. Bs. Aires* 18(11):67-78, 1960

With P.W. Longo. Le traitement médicale des maladies dites extrapyramidales (1957)

With N. Costa. Esquistossomose da medula. *J. Bras. Neurol.* 2:89, 1949

With A. Austregésilo, F. Austregésilo & N. Costa. Algumas observações clínico-patológicas acerca das neuroviroses observadas no Brasil. *J. Bras. Neurol.* 1:363-75, 1949

With R.L. Cavalcanti. Gargoilismo, lipocondrodistrofia, doença de Hurler, disostose multiplex. *Rev. Centro Psiqu. Nac.* 1:13-7, 1946

O tremor parkinsoniano e a via piramidal (1945)

Síndromes neuro-vegetativas do aparelho genital feminino. *An. Bras. Ginec.* 17:38-46, 1944

Clinica neurológica (1944)

Medulloblastoma of fourth ventricle, with report of case. *Cultura Med.* 3:33-47, 1941

Síndrome de Little. *Arch. Pediat.* 13:9, 1940

Doenças de Recklinghausen e de Paget (1934)

With A. Austregésilo. De la possibilité d'une atrophie musculaire d'origine cerebrale (1931)

With A. Austregésilo. Neurofibromatose de Recklinghausen et maladie de Paget. *L'Encephale* 25:592-9, 1930

Polyneurites gravidicas (1928)

O clono do pé (1926)

HONORS

Vice-president, International Congresses of Neurology at Paris (1949), Lisbon (1955), Bruxelles (1957) and Rome (1961)

Honorary Member, Société Française de Neurologie

Honorary Member, Deutsche Gesellschaft für Neurologie

Honorary Member, Sociedad Argentina de Neurología

Honorary Member, American Neurological Association

Deslandes brothers

February 27, 2024

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

Josué Augusto Deslandes, Brazilian plant pathologist (Belo Horizonte 08 August 1902 – Lavras, Minas Gerais State 10 December 1988)

Described many pathogens of plant bacterial diseases

Described a new disease, chlorotic leaf spot

First description of *Fusarium oxysporum* f.sp. *ricini*

With S.C. Arruda. A murcha da mamoneira do Nordeste. O Biológico 6:144–8, 1940

First to report target leaf spot in *Hevea* spp.

Observações fitopatológicas na Amazônia. Bol. Fitossanitário 1:197–244, 1944

Described the symptomatology of Sete Voltas disease

Doenças da cebola. Publ. 19, Div. Defesa Sanitária Vegetal (1944)

His brother, Isaías Augusto Deslandes, plant pathologist (Belo Horizonte 15 March 1905 – Juiz de Fora, Minas Gerais State 27 February 1955)

Found an effective method of combating the leaf disease of quince orchards (*Entomosporium maculatum*) in 1940

Developed methods for controlling quince entomosporiosis

Desmond Arthur Harrison

February 29, 2024

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

Arthur Desmond Harrison, South-African / Canadian entomologist and limnologist (Kalk Bay, Cape Town 24 December 1921 – Victoria, Canada 30 December 2007)

DESCRIBED DIPTERA GENERA

Acinoretracus 1999 with Epler & Hare

Afrozavrelia 2004

Chrysopelopia 1978

Elpiscladius 2007 with Cranston

Kamelopelopia 1978

Lepidolepia 1970

Lunditendipes 2000

Notocladius 1997

Paradoxocladius 2000

Xestotendipes 2000

Zuluchironomus 2000

HONORS

Harrisonina Freeman 1956 (Diptera)

Dev Dev Mukerji

April 3, 2024

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

Dev Dev Mukerji, Indian ichthyologist (1903 – Calcutta 21 January 1937)

DESCRIBED VALID PISCES TAXA

GENERA

Indostomus 1929 with Prashad

Parasphaerichthys 1929 with Prashad

SPECIES

Bathygobius meggitti 1936 with Hora

Dermogenys burmanica 1935

Devario sondhii 1934 with Hora

Esomus ahli 1928 with Hora

Garra salweenica 1934 with Hora

Glyptothorax burmanicus 1929 with Prashad

Glyptothorax prashadi 1932

Homalopteroides rupicola 1929 with Prashad

Indostomus paradoxus 1929 with Prashad

Lentipes andamanicus 1935

Microphis dunckeri 1929 with Prashad

Olyra horae 1929 with Prashad

Parasphaerichthys ocellatus 1929 with Prashad

Poropontius burtoni 1933

Pseudolaguvia tuberculata 1929 with Prashad

Psilorhynchus homaloptera 1935 with Hora

Rasbora labiosa 1935

Systemus shanensis 1934 with Hora

LINKS

<http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

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 ovoides 1960 with Pant

Maheshwariella bicornuta 1963 with Pant

Multithea 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

Platycardia bengalensis 1960 with Pant

Pseudectenis 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 vinjhaensis 1978

Cymbella sharmai 1976

Eunotia desikacharyi 1976

Navicula bishti 1976

HONORS

Nautiyalocarpon Dahegaonkar 2004 (Fossil Plantae)

Devendra Kumar Agarwal

February 25, 2024

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

Devendra Kumar Agarwal, Indian mycologist and plant pathologist (13 December 1945 –

Authored more than 450 research publications, articles and book chapters beyond 3 books

DESCRIBED FUNGI TAXA

Genera

Beltraniomyces 2003 with Manoharachary & N.K. Rao

Corynecercospora 2006 with V.K. Pal, Akhtar, Ahmad & Kamal

Cylindromyces 2004 with Manoharachary & N.K. Rao

Diatrypoidiella 2005 with Manoharachary & Kunwar

Ectoendomeliola 2006 with Hosagoudar

Hawksworthia 2004 with Manoharachary & N.K. Rao & Kunwar

Manoharacharomyces 2005 with N.K. Rao & Kunwar

Sivanesaniella 2004 with Gawande

Vanibandha 2006 with Manoharachary & N.K. Rao & Kunwar

Species

More than 350

New diseases (com A.K. Sarbhoy)

A new leaf spot disease of *Ficus elastica* L. var *schyveriana* caused by *Lasiodiplodia theobromae*. Indian Phthopath. 38(3):611-2, 1985

Two new diseases of ornamental plants: Fusarium rot of gladiolus and *Mammalaria* species. Curr. Science (1983)

A new leaf spot disease of garden nasturtium from India. Curr. Sci. 52:565-6, 1983

Devendra Prasad

April 19, 2024

[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)

Deyuan Hong

February 29, 2024

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

Deyuan Hong, Chinese botanist (Jixi County, Anhui Province 1936 –

DESCRIBED NEW PLANTAE TAXA

Tribes

Aragoeae 1993 with Nilsson

Cyanantheae 1983 with Lian

Genera

Echinocodon 1984

Homocodon 1980

Kashmiria 1980

Oligospermum 1984

Neopicrorhiza 1984

Porandra 1974

Pseudobartsia 1979

Sinobacopa 1987

Wulfeniopsis 1980

Xizangia 1986

Subgenus

Obconicapsula 1980

Species

53

Subspecies

17

Dezao Su

June 27, 2024

[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

Wayaobulepis 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
Wayaobulepis 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

Dezaoia Su, Chang & Chen 2021

Dezhao Wang

June 30, 2024

[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)

Dharani Dhar Awasthi

February 25, 2024

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

Dharani Dhar Awasthi, Indian mycologist and lichenologist (Naret, Askote, Uttaranchal 29 September 1922 – 21 August 2011)

DESCRIBED LICHENIZED FUNGI TAXA

Valid Genera

Cyclographina 1979

Heppsora 1977 with K.P. Singh

Parmelaria 1987

Species

About 100

HONORS (Lichenes)

Awasthia Esslinger 1978

Awasthiella Singh 1980

HONOURS

Acharius Medal (1992)

Diamante Bennati

February 26, 2024

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

Diamante Bennati Scorzoni, Uruguayan physiologist (Montevideo 03 April 1899 – La Paz, Canelones 19 October 1973)

With J. Gautrelet performed studies on secretion and metabolic actions of adrenaline

With R. Gayet authored relevant contributions to knowledge of carbonic anhydride effect on carotid sinus

With G. Bourguignon first to study the chronaxy in neuromuscular physiology of human being

SOME BIBLIOGRAPHY

With H. Mazzella. Recording of skeletal muscular pressure during contraction nervous and muscular diseases (1961)

With C.W. Ghiggino. Efecto de hipertensión arterial provocado por la occlusion temporaria de arterias del area esplacnica (The arterial hypertensor effect caused by temporary occlusion of the arteries in the splanchnic area). Ann. Fac. Med. Montevideo 41:53-8, 1956

With H. Mazzella. Several factors affecting the linguo-maxillary reflex of the dog. J. Physiol. (1951)

With C. Heymans. Mechanisme de la tachycardie par l'acetylcholine. Arch. Int. Pharmacodyn. 79:486, 1949

With W. Isola. Nueva tecnica para el studio de la musculature extrinseca del ojo. Arch. Soc. Biol. Montevideo 13(3-4):147-53, 1946

With Z.M. Bacq. Action de l'histamine., de l'acetylcholine et la peptone chez le chien sympathectomisé. Arch. Int. Pharmacodyn. Therap. 72:397-04, 1946

With R. Gayet & D. Quivry. L'action du CO₂ sur la terminations nerveuses des sinus carotidiens. Arch. Intern. Pharmacodyn. 59:129-42, 1935

With A. Mazzucco. Etude expérimentale des differents preparations de la pression arterielle par la methode de l'oscillographie. Compt. Rend. Soc. Biol. 109:141, 1932

With G. Bourguignon. Chronaxies du nerf et du point moteur du muscle dans les repercussions experimentales chez lapin (1931)

With J. Gautrelet & N. Halpern. The comparative effect of formaldehyde and acetylcholine on the pulmonary circulation. Compt. Rend. Soc. Biol. 104:948, 1930

With J. Gautrelet & N. Halpern. Influence de l'hypotension sur la secretion d'une surrénale greffée au cou. Compt. Rend. Soc. Biol. 104:752-5, 1930

With J. Gautrelet, E. Herzfeld & L. Vallagnosc. Influence de l'adrénaline sur les variations immédiates de la réserve alcaline. Role del'apnée. Action comparative de l'aldehyde formique et de l'acetylcholine. Bull. Soc. Chim. Biol. 12(8):1100, 1930

With E. Herzfeld. Action de l'aldehyde formique sur l'excitabilité neuro-musculaire. Compt. Rend. Acad. Seances Paris 11(6):8, 1930

With G. Bourguignon. Chronaxie vestibulaire bi-auriculaire et mono-auriculaire chez le chat et le lapin.

HONOURS

Doctor Honoris Causa, Université de Paris (1962)

Foreign Correspondent Member, Academie Nationale de Medecine de Paris (1972)

Diana Mussa

April 3, 2024

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

Diana Mussa, Brazilian paleobotanist (Campos, Rio de Janeiro State 19 January 1932 – Rio de Janeiro 13 May 2007)

Daughter of Lebanese immigrants

World authority on Devonian flora

Proposed the division Horneophytophyta (2000)

DESCRIBED FOSSIL PLANT GENERA

Zollernioxylon 1959

Protopodocarpitys 1974

Palaeopinuxylon 1975

Astronioxylon 1978 with Suguio

Brasilestioxylon 1978

Matayboxylon 1978 with Suguio

Myelontordoxylon 1978

Myrocarpoxylon 1978 with Suguio

Paratordoxylon 1978

Piptadenioxylon 1978 with Suguio

Qualeoxylon 1978 with Suguio

Solenobrasilioxylon 1978

Austroscleromedulloxylon 1980

Paranaseptoxylon 1982

Schopfiicaulia 1982

Carolinapitys 1984 with Coimbra

Atlanticoxylon 1986

Catarinapitys 1986

Kraeseulpitys 1960

Petalopitys 1986

Paulistoxylon 1986

Piracicaboxylon 1986

Solidoxylon 1960

Maryxylon 1986 with Coimbra

Torosoxylon 1986

Araguainorachis 1987 with Coimbra

Cyclomedulloxylon 1987 with Coimbra

Teresinoxylon 1989 with Caldas, Lima Filho & Rösler

Brasilophyton 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Ciguelia 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Conchulophyton 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Edwardsnella 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Jaguariaivia 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Petriaia 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Sphaerullophyton 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

Sulculiphyton 1996 with Borghi, Bergamaschi, Schubert, Pereira & Rodrigues

HONORS

Mussaeoxylon Merlotti 1998 (Fossil Plants)

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)

Dias family

February 27, 2024

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

Ezequiel Caetano de Campos Dias (Macaé, Rio de Janeiro State 11 May 1880 – Belo Horizonte 22 October 1922)

Brother in Law of sanitariat Oswaldo Gonçalves Cruz

Performed studies on microbiology and experimental medicine

Described a stable antigen for complement-fixation reaction in leishmaniasis diagnosis

With A.M. da Cunha. Sur la préparation d'un antigène stable pour la réaction de fixation du complément dans le leishmanioses. C.R. Soc. Biol. 129:991-3, 1938.

With A.M. Cunha proposed a serological reaction for visceral and /or cutaneous leishmaniasis in Brasil Medico 53:89-92, 1939

Described endemic adenomycosis, the ganglionic form of paracoccidioidomycosis

Adenomicose endêmica, nova moléstia humana. Rev. Med. São Paulo 17:103, 1914

Honored in genus *Diasiella* Travassos 1949 (Trematoda)

His son Emmanuel Dias, Brazilian physician and parasitologist (Rio de Janeiro 27 July 1908 – Uberlândia, Minas Gerais State 22 October 1962)

Protégé of physician Carlos Chagas

Authored at least 154 works

Demonstrated definitely life cycle and mode of transmission of *Trypanosoma cruzi* (1933)

Described life cycle of *Trypanosoma cruzi* in *Triatoma infestans* and in vertebrate hosts

Estudos sobre o *Schizotrypanum cruzi*. Mem. Inst. Oswaldo Cruz (1934)

Described new vertebrate hosts

Individualized chronic Chagasic cardiopathy

With F. Laranja & G. Nóbrega. Clínica e terapêutica da doença de Chagas. Mem. Inst. Oswaldo Cruz 4:473-529, 1948

With F.S. Laranja, G. Nóbrega & A. Miranda. Chagas disease. A clinical, epidemiological and pathologic study. Circulation 14:1035, 1956

Established technical basis for Chagas disease prophylaxis employing residual action insecticides independent of Romaña and Abalos (i.e. Gammexane or BHC in 1947)

With J. Pellegrino. Alguns ensaios com o "Gammexane" no combate aos transmissores da doença de Chagas no Brasil. Brasil Médico 62:185-91, 1948.

Perfected the xenodiagnosis technique and the culture of Triatominae in laboratory

Técnica do xenodiagnóstico na moléstia de Chagas

First to propose the Chagas disease transmission by blood transfusion

Verified *Trypanosoma cruzi* transmission by digestive route in animals

First to apply the model of epidemiologic surveillance for Chagas disease control

With L. Freitas Filho. Introdução ao estudo biométrico dos hemoflagelados do gênero *Schizotrypanum*. I. Introdução, material e técnica, problemas e métodos estatísticos. Mem. Inst. Oswaldo Cruz 38(3):427-36, 1943

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 capítulos 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

Dieter Enkerlin

February 27, 2024

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

Dieter Enkerlin Schallenmuller, Mexican agricultural entomologist (Ciudad de Mexico 14 December 1926 – 27 December 1995)

SOME BIBLIOGRAPHY

With C. Calligos Moraeles, M. Cepeda Siller, E. Aranda Herrera & L.O. Tejera Molina. Evaluación del efecto de *Bacillus thuringiensis* (Berliner) sobre larvas del segundo estadio de *Trichoplusia ni* (Lepidoptera:Noctuidae). *Agrociencias* 37(4):405-11, 2003

With E. Mallo Rivera, A. Castillo Vera & J. Valenzuela Gonzalez. Atracción alimenticia de *Anastrepha ludens* (Diptera: Tephritidae) por frutos bajo condiciones de laboratorio (1986)

Possible elimination of females of the Mexican fruit fly *Anastrepha ludens* (Loew) during the rearing process (1983)

With A.J. Schwarz. Estudio de gramíneas como posibles hospederas de la mosca pinta *Prosapia simulans* (Walker) bajo condiciones de invernadero (1979)

With I.A.S. Morales. The grass spittlebug complex *Aeneolamia albofasciata* and *Prosapia simulans* in northeastern Mexico and its possible control by resistant buffelgrass hybrids. *Misc. Publ.* 1451 (1979)

With D.A. Steer & E. Gonzalez. Pheromone and radiation studies for the Mexican fruit fly *Anastrepha ludens* (Loew) (1975)

Some aspects of the citrus blackfly, *Aleurocanthus woglumi* Ashby in Mexico. *Proc. Tall Timber Conf. Ecol. Animal Control by Habitat Management* 6:65-76, 1974

With I.D. de Murtas & U. Cirio. Dispersion de *Ceratitis capitata* (Wiedemann) dans l'île de Procida. *Bull. EPPO* 6:69-76, 1972

With I.D. de Murtas & U. Cirio. Distribution of sterilized Mediterranean fruit fly on Procida and its relation to doses and feeding. *Bull. EPPO* 6:63-8, 1972

With I.D. de Murtas, U. Cirio & C. Guerrieri. An experiment to control the Mediterranean fruit fly on the island of Procida by the sterile insect technique

Effectiveness of calcium arsenate for control of cotton pests under conditions of Apocado, Nuevo León. *Agronomia* 96:2-7, 1964

Different concentrations of Thiodan for the control of cotton insects. *J. econ. Ent.* P:1068-9, 1959

The effectiveness of dilute and concentrated dust formulations in cotton insect control (1957)

With R.L. Hanna. The dilution of dust concentrates in pink bollworm control. *J. Econ. Ent.* 49(4), 1956

Preliminary studies of the use of concentrated dusts in the control of insect pests (1952)

Estudio biológico sobre *Habrotica duodecimpunctata* Fab. (Coleoptera:Chrysomelidae) y su importancia para la agricultura. Thesis (1950)

HONORS

Dietersminthurus Palacios Vargas, Cuellar & Vazquez 1999 (Collembola)

Dillman Samuel Bullock

February 26, 2024

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

Dillman Samuel Bullock, US-born Chilean naturalist, philologist, historian and archaeologist (Elba, Michigan State 25 November 1878 – Angol, Malleco Province 05 April 1971)

DISCOVERED (sent to other researchers)

One musci specie

More than 100 new insect species

6 fish species

One frog species

3 bird races

4 mammalian species

El Vergel cultural complex (archaeology)

HONORS

Bullockia Arratia, Chang, Menu-Marque & Rojas 1978 (Pisces)

Bullockiella & *Dillmania* Urra 2017 (Lepidoptera)

Dilma Solange Napp

April 9, 2024

[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

Fron dipedia 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](#) 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

Psylllocarpus 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)

Dinesh Chandra Bharadwaj

February 26, 2024

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

Dinesh Chandra Bharadwaj, Indian palynologist and bryologist (Biswan, Sitapur District, Uttar Pradesh 13 November 1923 – Lucknow 09 February 1995)

Proposed the first phylogenetic classification of sporae dispersae with worldwide recognition

DESCRIBED FOSSIL PLANTAE GENERA

Sporae/Pollen

Angulisporites 1954

Barakarites 1964 with Tiwari

Bokarosporites 1970 with Tiwari

Boshisporites 1973 with Tiwari & Venkatachala

Brevitriletes 1969 with Srivastava

Callumispora 1969 with Srivastava

Clavisporis 1961 with Venkatachala

Corbulispora 1961 with Venkatachala

Crescentipollenites 1974 with Tiwari & Kar

Cyclobaculisporites 1955

Densipollenites 1962

Distriamonocolpites 1969 with Sinha

Distriatites 1962

Distriomonosaccites 1962

Eupunctisporites 1962

Faunipollenites 1962

Fossulatisporites 1971 with Tiwari

Foveolatisporites 1955

Gondisporites 1962

Gravisporites 1954

Gulatriletes 1970 with Tiwari

Guthoerlisporites 1954

Hindipollenites 1962

Hindisporis 1969 with Sinha

Horriditriletes 1964 with Salujha

Imucogosporis 1976 with Kar & Navale

Indospora 1962

Insignisporites 1977 with Dwivedi

Iugisporis 1961 with Venkatachala

Jhariatriletes 1970 with Tiwari

Kosankeisporites 1955

Lahirites 1962

Lunzisporites 1963 with Singh
Manumisporites 1970 with Tiwari
Microbaculispora 1962
Microfoveolatispora 1962
Nidipollenites 1969 with Srivastava
Novisporites 1957
Orbisporis 1961 with Venkatachala
Parasaccites 1964 with Tiwari
Peroaletes 1963 with Singh
Pocockipites 1974
Poshisporites 1973 with Tiwari & Venkatachala
Potonieisporites 1954
Potonieitiradites 1969 with Sinha
Praecolpatites 1969 with Srivastava
Pseudoreticulatispora 1969 with Srivastava
Radiatispinospora 1973 with Tiwari & Venkatachala
Ricaspora 1964 with Salujha
Rostratispora 1961 with Venkatachala
Rugulasphaeridium 1971 with Tiwari & Venkatachala
Sahnisporites 1954
Satsangisaccites 1969 with Srivastava
Savitrisporites 1955
Srivastavaesporites 1970 with Tiwari
Striapollenites 1962
Striatosporites 1955
Striomonosaccites 1962
Surangeaesporites 1970 with Tiwari
Tumoripollenites 1962
Velamisporites 1961 with Venkatachala
Verticipollenites 1962
Welwitschipollenites 1974
Weylandites 1969 with Srivastava
Willipollis 1974
Zerndtisporites 1955

Others

Hepaticae

Genus

Folioceros 1971

HONORS (Fossil Sporae/Pollen)

Bharadwajapollenites Jain 1968

Bharadwajapollis Kar 1969

Bharadwajisporites Nakoman 1975

Bharadwajispora Jansonius 1962

Dingchang Xian

June 30, 2024

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

Dingchang Xian, Chinese nuclear physicist (Guangzhou, Guandong 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 de Almeida Campos

February 26, 2024

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

Diógenes de Almeida Campos, Brazilian vertebrate paleontologist (Irará, Bahia State 12 September 1943 –

DESCRIBED FOSSIL GENERA

Albertwoodemys 2011 with Gaffney, Meylan, Wood & Simons

Angaturama 1996 with Kellner

Anhanguera 1986 with Kellner

Austroposeidon 2016 with Bandeira, Simbras, Machado, Oliveira & Kellner

Baurutitan 2005 with Kellner & Trotta

Brasilotitan 2013 with Machado, Avilla, Nava & Kellner

Candidodon 1989 with Carvalho (Mammalia)

Caninemys 2009 with Meylan & Gaffney

Caryonosuchus 2011 with Kellner, Riff & Andrade

Cearachelys 2001 with Gaffney & Hiraya

Cordichelys 2011 with Gaffney, Meylan, Wood & Simons

Feilongus 2005 with Wang, Kellner & Zhou

Gegepterus 2006 with Wang, Kellner & Zhou

Hongshanopterus 2008 with Wang, Zhou & Kellner

Labidiosuchus 2012 with Kellner, Figueiredo & Azevedo

Lapparentemys 2011 with Gaffney, Meylan, Wood & Simons

Latentemys 2011 with Gaffney, Meylan, Wood & Simons

Lemurchelys 2011 with Gaffney, Meylan, Wood & Simons

Maxakalisaurus 2006 with Kellner, Azevedo, Trotta et al.

Mogharemys 2011 with Gaffney, Meylan, Wood & Simons

Nemicolopterus 2008 with Wang, Kellner & Zhou

Nurhacius 2005 with Wang, Kellner & Zhou

Peiropemys 2011 with Gaffney, Meylan, Wood & Simons

Pepesuchus 2011 with Oliveira, Figueiredo, Riff, Azevedo, Carvalho & Kellner

Pricemys 2011 with Gaffney, Meylan, Wood & Simons

Pycnonemosaurus 2002 with Kellner

Sahitisuchus 2014 with Kellner & Pinheiro

Stratiosuchus 2001 with Martín Suarez, Riff & Kellner

Thalassodromeus 2002 with Kellner

Trigonosaurus 2005 with Kellner, Bertini & Santucci

Tupandactylus 2007 with Kellner

Tupuxuara 1989 with Kellner

Ypupiara 2021 with Brum, Pegas, Bandeira, Souza & Kellner

HONORS (Fossil)

Diogenornis Alvarenga 1983 (Aves)

Camposipterus Rodrigues & Kellner 2013 (Reptilia)

Diogenesia Oliveira, Carneiro & Goin 2021 (Mammalia)

Diogenes Santiago Santos

June 27, 2024

Bibliography [See https://neglectedscience.com/category/bibliography/](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 Phosphorylase. 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-dehydroquinate 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](#) 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)

Dionysius Von Klobusitzky

March 2, 2024

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

Dionysius Von Klobusitzky or Denes Klobusitzky, Hungarian-born Brazilian biochemist (Baráti, Hont County 30 July 1900 – São Paulo 15 April 1974)

First in the world to use filter paper as a porous supporting medium for biomolecules electrophoresis

With P. König. Biochemical study of snake venom from the genus *Bothrops*. Arch. Exp. Pathol. Pharmacol. 192:271-5, 1939

With P. König isolated Batroxobin (Reptilase) from *Bothrops* venom (1936)

Isolated bothropotoxin and bothrothrombin from *Bothrops* venom

Estudos bioquímicos sobre os venenos das serpentes do gênero *Bothrops*. II. Um método aperfeiçoado o preparo da Bothropotoxina. Mem. Inst. Butantan 10:201, 1935-6

Eine mikromethode zum Nachweis verschiedener Strychnin-salze. Biochem. Z. 270:120-1, 1934

DEVICES

A modified electro-ultrafilter. J. Phys. Chem. 36(12):3189-90, 1932

Aparelho simples para produzir hydrogenio ou oxygenio por electrolyse. Mem. Inst. Butantan 7:27, 1932

Electro ultrafilter for industrial use. J. Phys. Chem. 43:823-4, 1939

Eine automatische Krystallisationseinrichtung für industrielle Zwecke. Monatshefte f. Chem. 81:129-31, 1950

EPONYM

Klobusitzky unit (of coagulation of human plasma)

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

Diva Diniz Correa

February 26, 2024

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

Diva Diniz Correa, Brazilian marine zoologist (Avaré, São Paulo State 10 May 1918 – São Paulo 28 April 1993)

DESCRIBED VALID TAXA

Nemertinea

Genera

Algonemertes 1954

Corsoua 1963

Dushia 1963

Evelineus 1954

Flaminga 1957

Itanemertes 1957

Pussylineus 1956

Species

Algonemertes alba 1954

Amphiporus tuba 1957

Cerebratulus tageae 1957

Coenemertes caravela 1966

Correanemertes bioculatus 1958

Coursoua kristenseni 1963

Emplectonema osceolai 1961

Evelineus tigrillus 1954

Flaminga xama 1958

Itanemertes nonatoi 1957

Lineus copus 1958

Lineus picus 1958

Obuergeria palma 1954

Otonemertes marcusii 1958

Ototyphlonemertes brevis 1948

Ototyphlonemertes erneba 1950

Ototyphlonemertes evelinae 1948

Ototyphlonemertes fila 1953

Ototyphlonemertes lactea 1954

Ototyphlonemertes parmula 1950

Pussylineus gabriellae 1956

Tetrastemma basinum 1957

Tetrastemma cincum 1957

Tetrastemma enteroplecta 1954

Tetrastemma herthae 1963

Tetrastemma lilianae 1958

Tetrastemma merula 1954

Tetrastemma piolinum 1957

Tetrastemma primum 1954

Tetrastemma turdum 1957

Tetrastemma worki 1961

Tubulanus rhabdotus 1954

Zygonemertes cocacola 1961

Zygonemertes fragariae 1954

Zygonemertes isabellae 1954

Zygonemertes simoneae 1961

Others

Genus

Chromyella 1958 (Turbellaria)

Species

Callipallene gabriellae 1948 (Pantopoda)

Chromyella saga 1958 (Turbellaria)

Dolichoplana carvalhoi 1947 (Platyhelminthes)

Hofstenia miamia 1960 (Xenacoelomorpha)

Namalycastis siolii 1948 (Annelida)

Probursa moei 1960 (Platyhelminthes)

Zygantroides henriettae 1949 (Platyhelminthes)

Zygantroides plesia 1949 (Platyhelminthes)

HONORS

Dinizia Marcus 1947 (Turbellaria)

Divanella Gibson 1974 (Nemertea)

Correanemertes Kirsteuer 1967 (Nemertea)

Divya Darshan Pant

April 19, 2024

[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

Glechotheca 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

Ancorisporites 1986 with Mishra
Bulbosia 1963 with Mishra
Camarozonosporites 1956
Canaliculites 1986 with Mishra
Carruthersiella 1962 with Srivastava
Dijkstraea 1962 with Srivastava
Erdtmania 1963 with Mehra
Grambastisporites 1979 with Basu
Mammilaespora 1961 with Srivastava
Nidhitriletes 1979 with Basu
Pilatriletes 1986 with Mishra
Ramispinatispora 1986 with Mishra
Rewatriletes 1986 with Mishra
Rugapites 1977 with Basu
Sahnites 1955
Shahdolia 1986 with Mishra
Singraulispora 1986 with Mishra
Striatites 1955
Talchirella 1961 with Srivastava
Tetrasaccus 1964
Trikonia 1979 with Basu
Verrubacutriletes 1986 with Mishra
Virkkispora 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)

Djairo Guedes de Figueiredo

February 28, 2024

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

Djairo Guedes de Figueiredo, Brazilian mathematician (Limoeiro do Norte, Ceará State 02 April 1934 –

Authored 93 papers and 4 books

With F.E. Browder introduced the term π_1 -space (1965)

Stated and proved a fixed point theorem for weakly continuous maps in Banach spaces (1966)

With E. Mitidieri obtained some sufficient conditions for validity of the maximum principle for cooperative and non-cooperative elliptic system (1991)

Defined the notion of G operator

With M. Cuesta & J.P. Gossez proved the existence of a first non-trivial curve in the Fucik spectrum of the p-Laplacian (1998)

With J. Yang proved a priori bound for positive solutions of semilinear elliptic systems with nonlinearities depending on the gradients (2001)

With J.P. Gossez & P. Ubilla, introduced notions of local superlinearity and local sublinearity in J. Func.Anal. 199(2):452-67, 2003

With B. Ruf & J.M. do O extended the notion of critical growth to superlinear nonlinearities which don't have a polynomial growth (2005)

With B. Sirakov showed that a class of nonlinear elliptic systems have the property that all their positive classical solutions are uniformly bounded (2005)

With B. Ruf & J.M. do O proved the existence of positive solutions for non-variational elliptic systems in dimension two (2008)

With E.M. Santos & O.H. Miyagaki obtained new Hardy type inequalities and proved sharp pointwise estimates for functions in the Sobolev spaces of radial functions defined in a ball (2011)

HONOURS

Telesio Galilei Gold Medal 2011

Full Professor, Illinois University (1967-73)

Associate Researcher, University of Chicago (1966-7)

Djalma da Cunha Batista

February 26, 2024

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

Djalma da Cunha Batista, Brazilian physician and essayist (Tarauacá, Acre State 20 February 1916 – Manaus 20 August 1979)

Performed studies on public health concerning tuberculosis and parasitary diseases

Authored publications on human aspects of Amazonas State

HONORS

Djalmabatista Fittkau 1968 (Diptera)

Djalma Guimarães

February 29, 2024

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

Djalma Guimarães, Brazilian mineralogist, petrographer and geochemist (Santa Luzia, Minas Gerais State 05 Nov 1894 – Belo Horizonte 10 October 1973)

Authored over 240 works

ACHIEVEMENTS

Described two new mineral species (arrojadite in 1924 and pennaite in 1948) and the mineral variety eschwegeite in 1926

Named rock araxaite (1926)

Described a variety of skarnit (1960)

Proposed a new method used to separate uranium and other elements in high degree of purity (1929)

Sobre um processo de separação do urânio, do zircônio, tântalo, nióbio, titânio, ferro, manganês, chumbo, estanho, cobre, níquel e cromo. Anais Acad. Bras. Ciências 1(4):198-200, 1929.

Patented a new process for production of fertilizer from apatite

Proposed a new genetical metamorphic process for Diamonds

Upland Diamonds deposits. Diamantina District, Minas Gerais. Economic Geology, New Haven 24:444-47, 1929.

Proposed ensthenitization or hiperstenization theory that postulates a change in piroxene structure from monoclinical to orthorhombic.

Proposed genetic granitization of rocks (1938) independent from H.G. Backlund studies

Das problem der Granitbildung. Chemie der Erde 12:83-94, 1938.

Suggested that crust acidification is a general process

Proposed a theory about the origin of alkaline rocks, an opposite view of Daly theory

A origem das rochas alcalinas (1947)

Authored the monograph Mineral deposits of magmatic origin whose abstract was published in Economic Geology and his theory accepted and taught in courses of Economic Geology of a number of universities in United States

Obtained the first successful result in the history of geophysical methods in the world when he headed the group that used aerocintilometry for finding pyrochlore deposits in Araxá, Minas Gerais State (1953)

HONORS

Named Prince des Geologues by Madame Curie

Djalmaite C.P.Guimarães (today uranomicrolite)

Guimaraesite Chukanov, Atencio, Zadov, Menezes Filho & Coutinho 2007 (Mineral)

His brother, geochemist Caio Pandiá Guimarães (Rio de Janeiro 13 January 1914 – Belo Horizonte 16 September 1945)

Authored 14 works

Described analytical process for tantalum-niobates

Marcha analítica (Analytical process) para os tântalos-niobatos. Mineração e Metalurgia 6(31):41-45, 1941

Described mineral djalmaite (1939)

Djoko Iskandar

February 29, 2024

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

Djoko Tjahjono Iskandar, Indonesian herpetologist (Bandung, Java Island 23 August 1950 –

DESCRIBED VALID TAXA

Amphibia

Genera

Sumaterana 2018 with Arifin, Smart, Hertwig, Smith & Haas

Wijayarana 2021 with Arifin, Chan, Smart, Hertwig, Smith & Haas

Species

Alcalus rajae 2011 with Bickford & Arifin

Ansonia glandulosa 2004 with Mumpuni

Barbourula kalimantanensis 1978

Chalcorana eschatia 2009 with Inger & Stuart

Chalcorana megalonesia 2009 with Inger & Stuart

Chalcorana parvaccola 2009 with Inger & Stuart

Chalcorana rufipes 2009 with Inger & Stuart

Kalophrynus minusculus 1988

Leptobrachella bondangensis 2018 with Eto, Matsui, Hamidy & Munir

Leptobrachella fusca 2018 with Eto, Matsui, Hamidy & Munir

Limnonectes kadarsani 1996 with Boeadi & Sancoyo

Limnonectes larvaepartus 2014 with Evans & McGuire

Limnonectes sisikdagu 2011 with McLeod, Horner, Husted & Barley

Litorina megalops 2006

Litorina wapogaensis 2001 with Richards

Megophrys parallela 2005 with Inger

Nyctimystes purpureolata 2007 with Oliver, Richards & Tjaturadi

Occidozyga tompotika 2011 with Arifin & Rachmansah

Oreophryne atrigularis 2001 with Gunther & Richards

Oreophryne furu 2009 with Gunther, Richards & Tjaturadi

Oreophryne minuta 2000 with Richards

Oreophryne wapoga 2001 with Gunther & Richards

Pelobatrachus kalimantanensis 2019 with Munir, Hamidy, Matsui, Sidik & Shimada

Sumaterana dabulescens 2018 with Arifin, Smart, Hertwig, Smith & Haas

Sumaterana montana 2018 with Arifin, Smart, Hertwig, Smith & Haas

Reptilia

Species

Boiga hoeseli 2010 with Ramadhan & Subasri

Calamaria banggaiensis 2009 with Koch, Arida, McGuire & Bohme

Cnemaspis aceh 2017 with McGuire & Amarasinghe

Cnemaspis andalas 2017 with McGuire & Amarasinghe

Cnemaspis minang 2017 with McGuire & Amarasinghe

Cnemaspis pagai 2017 with McGuire & Amarasinghe

Cnemaspis tapanuli 2017 with McGuire & Amarasinghe

Cyrtodactylus batiuk 2011 with Rachmansah & Umlaela

Cyrtodactylus nuaulu 2009 with Oliver, Edgar, Mumpuni & Lilley

Cyrtodactylus wallacei 2008 with Hayden, Brown, Gillespie, Setiadi, Linkem et al.

Hemiphyllodactylus engganoensis 2014 with Grismer, Riyanto & McGuire

Lepidodactylus pantai 2017 with Stubbs, Karin, Arifin, Arida, Reilly et al.

Sphenomorphus puncticentralis 1994

HONORS

Djokoiskandarius Murphy & Voris 2014 (Reptilia)

Dmytro Zajciw

June 30, 2024

[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 Cozzo

February 26, 2024

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

Domingo Cozzo Vasi, Argentine forester (Buenos Aires 06 October 1918 – Buenos Aires 10 August 2003)

From Sicilian ancestry

Authored over 180 scientific works

PLANT ANATOMY

Una particular anomalía anatómica que sirve a la identificación de la madera del “guatambu” blanco (*Balfourodendron riedelianum* Engl.) 1960

The structure and diagnostic significance of crateriform bordered pits in the vessels of *Cercidium*. J. Arnold Arboretum 34:187, 1953

Identification of woods by means of punch cards. Cien. Invest. 6(4):159-64, 1950

Estructura leñosa estratificada no registrada en géneros de leguminosas argentinas. Lilloa 16 (1948)

OTHERS

Un recipiente con perforaciones que facilita la manipulación de secciones histológicas libres. Bol. Soc. Arg. Bot. 3(2):105-8, 1950

Described the fossil plant species *Nothofagoxylon neuquenense* (1950)

Domingo Felix Gimenez

February 29, 2024

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Domingo Felix Gimenez, Argentine microbiologist (1924–

Developed Gimenez stain

Staining *Rickettsia* in yolk sac cultures. Stain Technol. 39:135–40, 1964

With L.S. Mayorga, O.P. de Centorbi & C.C. de Millan. Rapid in vivo assay method for type G Botulinal toxin. Zentr. Bakter. Mikrobiol. Hyg. A 264(1-2):78–83, 1987

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With C.A. Ciccarelli & J.M. Barrera. Siphonaptera de Mendoza. Anales Soc. Cient. Arg. 178:125–39, 1964

Gram staining of *Coxiella burnetii*. J. Bacteriol. 90:834–5, 1965

With A.S. Ciccarelli. A new type of *Clostridium botulinum*. (1967)

With A.S. Ciccarelli. Studies on strain 84 of *Clostridium botulinum*. Zentralb. Bakt. Parasit. 215:212–220, 1970

With A.S. Ciccarelli. Another type of *Clostridium botulinum*. Zentralb. Bakt. Parasit. 215:221–4, 1970

Serological classification and typing of *Clostridium botulinum*. Dev. Biol. Stand. 32:175–83, 1976

With A.S. Ciccarelli, D.N. Whalley & L.N. McCroskey et al. Cultural and physiological characteristics of *Clostridium botulinum* type G and the susceptibility of certain animals to its toxin. Appl. Environ. Microbiol. (1977)

With A.S. Ciccarelli. New strains of *Clostridium botulinum* subtype Af. Zentralb. Bakt. Parasit. Infektionskr. Hyg. Abt 1. Orig. Reihe A 240:215–220, 1978

Clostridium botulinum subtype Ba. Zentralb. Bakt. Parasit. Infektionskr. Hyg. Abt 1. Orig. Reihe A 257:68–72, 1984

With R.A. Fernandez, A.S. Ciccarelli & G. Arenas. Type D and A *Clostridium botulinum* in necropsy samples from bovines with “mad of Aguapey”. Rev. Arg. Microbiol. 21:47–53, 1989

With J.A. Gimenez. The typing of botulinal neurotoxins. Int. J. Food Microbiol. 27(1):1–9, 1995

Domingo Giribaldo

February 29, 2024

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

Domingo José Pedro Giribaldo Larcebo, Uruguayan chemist (Pando, Canelones 25 January 1876 – Montevideo 09 July 1950)

From Italian father and French mother

ACHIEVEMENTS

Proposed pR, a new notation for determining acidity or basicity of solutions as an alternate to pH scale

Notation rationnelle pour exprimer la réaction actuelle des solutions. Bull. Société Chimie Biol. 7:652-64, 1925

Ein neuer ausdrück für die aktuelle reaktion der Lösungen. Biochem. Ztschr. 163:8-12, 1925

Expression of the current reaction of the solutions. Sorensen's notation and its disadvantages. New rational notation (1924)

Proposed a general equation of electrolytes on the basis of the different degrees of ion's oxidation

Redox theory of electric cells. Proc. 8th Amer. Sci. Congr. 7:146-67, 1942.

Developed a general method for potentiometric calculation of pH index

Expresión de la reacción y calculos potenciometricos en la determinación del pH (1938)

With A. Peluffo his work about determination of milk extracts using density gained a good repercussion (1909)

With A. Peluffo. Determination indirecte de l'extrait du lait de vache: origine et fondements des formules qui servent à en faire le calcul.

Introduced improvements in Carrel liquid (1924)

Líquido Carrel (1924)

Developed Giribaldo galvanic pairs

Teoría General Redox de los pares galvânicos (1940)

Developed electrolysis method in diaphragm cell (1911) patented in Germany

Invented a electrolytic trough (1920s)

Patronización de los electrodos de calomelano (Standardization of calomelane electrodes)

SOME BIBLIOGRAPHY / OTHER CONTRIBUTIONS

Ventajas de pR sobre pH en la expresión de la reacción. Anales Fac. Quim. Farm. Univ. Montevideo 2, 1938

Expresión de la reacción y cálculos potenciométricos en la determinación del pH (1937)

With A. Peluffo. Bemerkungen zu der Neuen formel von Hoyberg zur Berechnung der Feltfreien Trockensubstanz der Milch. Zeitschr. Fur Untersuchung der Nahrungs und Genussmittel. 38:207, 1919

With A. Peluffo. La glucosa comercial. Rev. Centro Farm. Urug. 13:225, 1906

La expresión de la reacción de los medios acuosos. Anal. Fac. Quim. Farm. Montevideo

Expresión de la reacción de las disoluciones acuosas

Reducción de las pesadas al vacío

El problema del azúcar

Fundamento teórico de la determinación precisa de los pesos moleculares y atómicos a partir de las densidades gaseosas

Contribución a la teoría del análisis indirecto

Significado electrónico de la constante de equilibrio de las reacciones químicas electromotrices

Teoría de los electrodos de sales insolubles

Establecimiento de las ecuaciones de las reacciones químicas de oxidación-reducción sobre la base de las ecuaciones electrónicas de los sistemas Redox reaccionantes

Dos teoremas previos al establecimiento de las ecuaciones de Gibbs

TRIVIA

The first Third World chemist to be nominee to Chemistry Nobel Prize (1949)

Domingo Liotta

March 6, 2024

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

Domingo Santo Liotta Motta, US / Argentine cardiac surgeon (Diamante, Entre Rios Province 29 November 1924 – Buenos Aires 31 August 2022)

Son of Italian immigrants

ACHIEVEMENTS

Authored 150 works between papers and books

Invented hypotonic duodenography (1955)

With M.E. DeBakey & D.C. Cooley created left ventricular assist device (LVAD) systems in 1962

With E. Stanley Crawford performed the first clinical use of LVAD system (1963)

With D.A. Cooley developed the clinical total artificial heart (1969)

Developed two-stage ascending aorta-abdominal aorta-bypass graft to replace descending thoracic aorta (1977)

Developed the first circulatory paracorporeal pump

PATENTS

1- US Patent 4079468: Low profile gluteraldehyde-fixed porcine aortic prosthetic device

2- US Patent 4710192: Diaphragm and method for occlusion of the descending thoracic aorta

3- US Patent 4655772: Cardiac valvular prosthesis

4- US Patent 5156621: Stentless bioprosthetic cardiac valve

5- US Patent 5456715: Implantable bio-mechanical coupling of skeletal muscle and the mechanical system for assisting blood circulation. Implantable mechanical system.

6- US Patent 6945998: Corporal implantation device for assisting blood and heart ventricular circulation. Blood inflow to the implantable pump: The left atriotomy method.

7- Patent of Argentina Nº AR221872: Improving implantable heart valves.

8- Patent of Argentina Nº AR203252: Stent for implantable cardiac valve

9- Patent of Argentina Nº AR206762: Low profile bioprosthesis

10- Patent of Argentina Nº AR216578: Device for local myocardial hypothermia during heart surgery.

11- Patent of Argentina Nº AR235693: Diaphragm placed endoluminally for the proximal occlusion of a descending thoracic aneurysm.

12- Patent of Argentina Nº AR232275: Mechanical heart valve

13- Patent of Argentina Nº AR235690: Expansible spring for partial or total vascular occlusion.

14- Patent of Argentina Nº AR234464: Fixed homologous and heterologous internal mammary artery to bypass coronary occlusive disease.

15- Patent of Argentina Nº AR238594: Stentless bioprosthesis for aortic valve replacement.

16- Patent of Argentina Nº AR254898: Implantable mechanical circulatory system.

17- Patent of Argentina Nº AR246184: Implantable heart pump for cardiocirculatory assistance.

18- Patent of Argentina Nº AR203251: Bioprosthesis implantable heart valve

19- Patent of Argentina Nº AR036548: Body implant device for blood circulatory assistance and ventricular heart

20- Patent of France Nº FR8005801: Support pour des valvules cardiaques de tissus biologiques

21- Patent of Spain Nº ES459136: Low-profile heterologous bio-prosthesis from aortic valve pig.

22- Patent of Spain Nº ES474382: Support for bio-heterologous aortic prosthesis in replacement of the aortic valve.

HONOURS

Honorary Director, Guangzhou Heart Institute (China)

Domingo Luciani

March 6, 2024

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Domingo Leonardo de la Concepción Luciani Eduardo, Venezuelan surgeon (Maracaibo, Zulia State 08 December 1886 – Caracas 11 November 1979)

From Italian and Irish ancestry (Eduardo surname came from Edwards)

MAIN BIBLIOGRAPHY

Algunas consideraciones sobre la cirugía del cancer (1916)

Acerca de la hora quirúrgica de la apendicitis (1924)

Anomalías anatómicas : costilla cervical. Atresia vaginal congénita (1925)

El cancer del seno (1932)

La hernia estrangulada en la etiología de las fístulas estercorales (1932)

Estenosis segmentaria aislada de origen poradenico en el colon descendente (1941)

Gangrena de la mano por arteritis. Arterectomía de la axila. Curación (1951)

Parotidectomía total por tumor mixto con conservación facial (1952)

HONORS

Emeritus Member, International Society of Surgery

Domingo Madan

April 3, 2024

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Domingo Laureano Madán Bebeagua, Cuban ophthalmologist and pediatrician (Matanzas 05 September 1856 – La Habana 24 July 1898)

Authored about 100 works

Described in detail the optical peripheral neuropathy known as Strachan disease independently from Strachan

Notas sobre una forma sensitiva de neuritis periférica. Ambliopia por neuritis optica retrobulbar. Cron. Med. Quir. Habana 24:81-6, 1898

SOME BIBLIOGRAPHY

With J.E. Díaz. Estudio sobre las fiebres en la isla de Cuba. An.Ac. Habana 35:51-186, 1899

With T.V. Coronado. Pirexias en la isla de Cuba (1896)

Asociación del paludismo y de la fiebre amarilla. Cron. Med. Quirur Habana 22(10):153-5, 1896

With E. Díaz. La fiebre amarilla en el niño cubano. An. Ac. Habana 32:367-79, 1896

Les hematozoaires de Laveran dans la névralgie ophthalmique. Arch Ophth. Paris 12(5):266-73, 1892

La neuralgia ocular de origen paludeo. An. Ac. Habana 28:174-92, 1891

Consideraciones sobre la etiología y patología del paludismo. Cron. Med. Quirur. La Habana (1889)

Tratamiento de la difteria. Cron. Med. Quirur. La Habana (1889)

Consideraciones acerca de la ambliopia alcoholica (1888)

Domingo Marcolino Braile

February 26, 2024

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

Domingo Marcolino Braile, Brazilian cardiovascular surgeon (Nova Aliança, São Paulo State 08 April 1938 – São José do Rio Preto, São Paulo State 22 March 2020)

From Italian ancestry

Authored over 450 papers and 25 book chapters

Introduced flexible band for the use in mitral insufficiency

Developed a muscle stimulator which helps in cardiomyoplasty

Developed an innovative technique of cardiomyoplasty

DEVELOPED DEVICES

Bovine pericardium valve and patch (1977)

Human umbilical vein graft (1977)

Bovine tubular pericardium graft (1983)

Valved tubular aorta graft

Forked bovine pericardium arterial graft (1988)

Homologous vein graft using human saphenous vein (1989)

Prosthesis for geometric reconstruction of left ventricle (1989)

Monocusp “patch” for pulmonary reconstruction (1990)

Swine valve (1991)

Bovine pericardium valve carrier (1991)

Corrugated bovine pericardium tube (1991)

Bovine pericardium tube with central perfusion (1991)

Swine bivalved graft (1991)

Swine valved conduct (1991)

Swine valve carrierless (1994)

Bovine pericardium tube for dissecting aneurysm (1994)

Self-expanding endovascular prosthesis (1999)

Aminoacid enriched solution for bloody cardioplegia: induction, maintenance and reperfusion kit (1990)

Biological marker (1990)

Low volume enriched amino acid solution for bloody cardioplegia: induction, maintenance and reperfusion kit (1993)

Sodium glutamate solution for cardiac metabolic support (1995)

Membrane oxygenator (1988)

Cardioplegia reservoir (1989)

Bubble oxygenator (1990)

Infantile membrane oxygenator (1991)

Arterial blood filter (1992)

Neonatal oxygenator (1995)

Hollow fiber winder

Centrifuge for Membrane oxygenator
Hollow fiber cutting-machine
Oxygenator hermeticity test bench
System for testing hollow fiber leaking and washing membrane oxygenators
Device for testing glutaraldehyde-treated bovine pericardium shrinkage
System for measuring tensile strength and elongation of biological products
Extracorporeal circulation equipment with many modules
External transesophageal stimulator for cardiac study
External demand pacemaker
Digital clinical thermometer
Digital clinical thermometer with sensor containing needle, retal-esophageal and skin
Triple digital chronometer
Fibrillator
Electronic systems for production and quality control of oxygenators
Special thermometers for incubators
Cardiostimulators Myos I, II and III (with Erlangen University and Biotronik)
Digital manometers for pressure measurements in quality control systems and automation of production processes
Graphical computation system for presentations
Computation system for statistics and quality control
Inovare Valvula Transcateter, a biological valve for implantation via catheter (2008)

BRAZILIAN PATENTS

With G. Agreli, J.H. Palma & E. Buffolo. Kit endoprótese convencional + dispositivo endoprótese pulsátil de auxílio a atividade circulatória aplicado em pacientes com quadro de insuficiência cardíaca BR 10 2012 02 4070 0 A2 (2012)

With M.C.V. Braga Braile, G. Agreli, J.H. Palma & E. Buffolo. Disposição construtiva introduzida em dispositivo para liberação de endoprótese stent-graft embarcado em aparelho do tipo cateter para aplicação de endopróteses utilizadas na correção de doenças da aorta MU 9002116-9 U2 (2010)

With M.C.V. Braga Braile, G. Agreli, J.H. Palma & E. Buffolo. Disposição construtiva introduzida em endopróteses stent-graft para tratamento de doenças vasculares incluindo aneurismas e dissecação da aorta MU 9000149-4 U2 (2010)

With A. Caetano, W. Colaiacovo, G. Agreli & D. Peitl. Dispositivo endoprótese auto-expansível para aplicação em trato gastrointestinal PI 920902617224 (2009)

With G. Agreli, E. Buffolo & J.H. Palma. Dispositivo válvula cardíaca montada em endoprótese expansível aplicada em posição aórtica ou pulmonar PI 920902617216 (2009)

With A.S. Camim, M.C.V. Braga Braile & R. Barbosa. Transdutor de pressão MOD BXSX (2006)

With A.S. Camim, M.C.V. Braga Braile & R. Barbosa. Conector macho descartável (2006)

With A.S. Camim, M.C.V. Braga Braile & R. Barbosa. Transdutor de pressão sanguínea BX ou BXY sem trava (2006)

With A.S. Camim, M.C.V. Braga Braile & R. Barbosa. Conector perene de trocador de calor/USB (2006)

With A.S. Camim, M.C.V. Braga Braile & R. Barbosa. Conector perene de trocador de calor 6 pinos (2006)

With A.S. Camim, M.C.V. Braga Braile & R. Barbosa. Transdutor BX ou BXY com trava (2006)

With A.S. Camim, M.C.V. Braga Braile & R.C.B. Sternieri. Disposição aplicada em manipulador de liberação MU 8601874 (2006)

With A.S. Camim, M.C.V. Braga Braile & R.C.B. Sternieri. Configuração aplicada em conector DI6601635 (2006) & DI6601639 (2006)

With A.S. Camim, M.C.V. Braga Braile & R.C.B. Sternieri. Configuração aplicada em transdutor DI6601639 (2006) & DI6601636 (2006) DI6603122 (2006)

With A.S. Camim, M.C.V. Braga Braile & R.C.B. Sternieri. Configuração aplicada em suporte DI6601638 (2006)

With A.S. Camim, M.C.V. Braga Braile & R.C.B. Sternieri. Conjunto conector perene DI6601637 (2006)

With A.S. Camim, M.C.V. B. Braile Sternieri & M.P. Centola. Configuração aplicada em fixador DI6601640 (2006)

With A.S. Camim, M.C.V. B. Braile Sternieri, M.P. Centola & G. Agreli. Disposição construtiva introduzida em instrumento do tipo cateter progressivo aplicado em operações de endoprótese aórtica MU8602033 (2006)

Prótese aórtica torácica (2005)

Prótese aórtica abdominal (2005)

Cateter aplicador de prótese cirúrgica endovascular auto-expansiva (2005)

Stent graft reto (2005)

Molas de embolização (2005)

Disposição aplicada em stent intrahepático MU8502659 (2005)

Stent biliar auto-expansível revestido MU8502656 (2005)

Stent endovascular auto-expansível periférico recoberto MU8502660 (2005)

Configuração aplicada em prótese DI6501522 (2005) DI6501533 (2005)

Configuração aplicada em dispositivo liberador DI6501527 (2005)

Aperfeiçoamento em dispositivo de circulação extracorporea (2004)

With A.S. Camim & M.C.V. Braga Braile. Cateter introdutor tipo bainha e dilatador com cartucho armazenador para transferência de próteses endovasculares (2004)

With M. Drumond, M.M. Ferreira, A.S. Camim & M.C.V. B. Braile Sternieri. Aperfeiçoamento em reservatório de sangue venoso e cardiectomia do neonato PI0402544 (2004)

With M. Drumond, M.M. Ferreira, A.S. Camim & M.C.V. B. Braile Sternieri. Disposição aplicada em trocador de calor para cardioplegia sanguínea MU8401378 (2004)

With M. Drumond, M.M. Ferreira, A.S. Camim & M.C.V. B. Braile Sternieri. Disposição aplicada em circulador extracorpóreo com temperatura controlada para neonatos MU8401369 (2004)

With M. Drumond, M.M. Ferreira, A.S. Camim & M.C.V. B. Braile Sternieri. Disposição aplicada em reservatório para solução de cardioplegia com trocador de calor central incorporado MU8401377 (2004)

With M.P. Centola, A.S. Camim & M.C.V. B. Braile Sternieri. Disposição introduzida em cateter balão para angioplastia MU8401371 (2004)

With M.P. Centola, A.S. Camim & M.C.V. B. Braile Sternieri. Disposição aplicada em prótese endovascular periférica auto-expansível unifilar MU8401376 (2004)

With M.P. Centola, A.S. Camim & M.C.V. B. Braile Sternieri. Configuração aplicada em prótese DI002866 (2004)

With A.S. Camim & M.C.V. B. Braile Sternieri. Aperfeiçoamento em cateter introdutor tipo bainha e dilatador com cartucho armazenado para transferência de próteses endovasculares PI0402296 (2004)

With M. F. Centola, M.M. Ferreira, A.S. Camim & M.C.V. B. Braile Sternieri. Disposição aplicada em filtro para veia cava inferior MU002265 (2004)

Aperfeiçoamentos em dispositivo de circulação extracorpórea PI0400940 (2004)

Oxigenador DI6304807 (2003)

Bioprótese valvular cardíaca com anel de sustentação mitral (2002)

With E. Buffolo & J.H. Palma. Cateter e disposição introduzida em cateter aplicador de prótese endovascular auto-expansiva (2000-1)

With E. Buffolo & J.H. A. P. Fonseca. Configuração aplicada em cateter DI6001747 (2000)

Anel para valvuloplastia mitral (1992)

OTHER ACHIEVEMENTS

With C.M.N.M. Faria, O.R. Rodrigues, H. Minamoto, P.M. Cury & J.M. Costa Neto. Novo modelo de endoprótese traqueal autoexpansível de fabricação nacional: estudo experimental em coelhos. J. Bras. Pneumol. 38:214-7, 2012

With F. N. Avona, ACLFM Kozak & U.A. Croti. Correção total de tetralogia de Fallot em criança com agenesia da artéria pulmonar esquerda. Rev Bras Cir Cardiovasc 24(3):419, 2009

With U.A. Croti, A.E. Yamamoto & R.G. Finoti. Opção técnica para o redirecionamento de fluxo na conexão anômala parcial de veias pulmonares. Rev Bras Cir Cardiovasc 24(1):92, 2009

With U.A. Croti, M.F. Godoy & F.N. Avona FN. Alternativa para operação tipo Fontan extracardiaco: anastomose direta entre o tronco pulmonar e a veia cava inferior. Rev Bras Cir Cardiovasc 23(3):439, 2008

With M.F. Godoy, F.B. De Francisci, P.R. Pavarino, M.A.B Oliveira, M.J.F Soares. Forma inusitada de pericardite crônica constritiva idiopática. Rev Bras Cir Cardiovasc 22 (1):1-6, 2007

With P.M.A. Pomerantzeff, C.M.A. Brandão & M.A.V. Guedes. Less stented bovine pericardial xenograft: a new concept. Artificial Organs 31(1):70-3, 2007

With F. Antoniali, G.M.B. Potério, C.E. Costa, M.M. Lopes, G.C.A. Ribeiro GCA & L.S. Tarelho, Proporção entre os segmentos do anel da valva tricúspide normal: um parâmetro para realização da anuloplastia valvar. Rev Bras Cir Cardiovasc 21(3):262-7, 2006

With R.P. Castro, U.A. Croti, M.N. Machado, H.G. Murillo, O.Y.P. Rincon, S.R. Policarpo & R.G. Finotti. Ultrafiltração convencional com modificação técnica no tratamento cirúrgico dos defeitos cardíacos congênitos. Rev Bras Cir Cardiovasc 21(1):42-9, 2006

With M.E.S. Artibale, J.M.P. Godoy & M.F. G. Godoy. Uma nova opção para contenção no tratamento do linfedema em crianças. J Vasc Br 4(4):311-3, 2005

With P.M.A. Pomerantzeff, C.M.A Brandão, J.M. A.C. Albuquerque, V.D.A. Ramirez, A. Camim, M. Negri, M.L. Vieira, M. Grinberg & A.S. Oliveira. Novo conceito de bioprótese: bioprótese com descontinuidade do anel de sustentação (Less Stented). Rev Bras Cir Cardiovasc 19(3):267-73, 2004

With J.M.P. Godoy. In vitro evaluation of a new inferior vena cava filter – the stent-filter. Vasc Endovasc Surg 38(3):225-8, 2004

With O. Petrucci Jr., P.P.M. Oliveira, M.R. Carmo & R.W. Vieira. Standardization of an isolated pig heart preparation with parabiotic circulation: methodological considerations. Braz J Med Biol Res 36(5):649-59, 2003

With J.M.P. Godoy & M.F.G. Godoy. A thirty-month follow-up of the use of a new technique for lymph drainage in six patients. EJVES Extra 3:91-3, 2002.

With G. Goissis & A.F. Giglioti. Desenvolvimento de processo automático para a reticulação progressiva de matrizes de colágeno com glutaraldeído. Polímeros: Ciência e Tecnologia 9 (4): 92-7, 1999

With S.D. Figueiró, V. Ramirez & G. Goissis. Reticulação progressiva de pericárdio bovino com glutaraldeído: novo procedimento para obtenção de válvulas cardíacas. Anais.Associação Brasileira de Polímeros, Rio de Janeiro (1995)

With M. J.Souares, D.R. Souza, R. Thevenard, G. Thevenard, V. Braile & M. Schaldach. Cardiomyoplasty. A new Biotronic generator. Arqu. Bras. Cardiol. 63(3):229-37, 1994

With R. Thevenard, G.H. Thevenard & M. Soares. Anatomia e função apical ventricular pelo ECO na cardiopatia chagásica – nova metodologia. Arq. Bras. Cardiol., 61(supl. II):80, 1993

With A.S. Gagliardo. Padronização da técnica de enfermagem com cardioplegia sanguínea e reperfusão cardioplégica quente. Arq. Bras. Cardiol., 55:B214, 1990

With P. Brofman, P. Rossi, R.V. Ardito, O.T. Greco, R. Pereira, R. Barros, J.C. Andrade, A. Pesarini, P. Gauch, F. Luchese, J. Sant'Anna & R. Kalil. Marcapasso de única câmara com frequência dinâmica. Nova modalidade de estimulação cardíaca artificial – estudo multicêntrico. Arq. Bras. Cardiol., 47:155, 1986

With J.D. Araújo, J.C. Anacleto, A. Bilaqui, R.V. Ardito & P.F.A. Carvalho. Compressão recíproca entre artéria axilar e plexo braquial: uma outra etiologia para a síndrome do desfiladeiro cervical. Rev Ass Med Brasil 25:359-61, 1979

With R.V. Ardito, A. Bilaqui, J.D. Araújo, J.C. Anacleto, L.F. Guirado, S.A.C. Garzón, R.A. Ribeiro, A.J. Bellini, L. Moreira, J.L.B. Jacob, O.T. Greco, J.C. Nicolau, R.T. Withendhal, J.A. Baucia, G.Y. Kuroda & A.M. Lorga. Novos procedimentos nas medidas dos limiares na manipulação cirúrgica em marcapasso cardíaco. Arq. Bras. Cardiol., 31:494, 1978

HONOURS

Honour Professor, Guiyang Medical University Hospital, China (2000)

Award, International Society for Artificial Organs (1997)

LINKS

<https://docplayer.com.br/8281275-Curriculum-vitae-prof-dr-domingo-m-braile.html>

Domingo Mauricio Gómez

February 29, 2024

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

Domingo Mauricio Gómez Gimeranez, Cuban biomathematician (Guaracabuya, Las Villas Province 22 September 1903 – Manhattan 13 December 1978)

Living in United States since 1960s

Authored about 70 scientific works and 4 books

ACHIEVEMENTS

Authored the first modern treatise on hemodynamics

Les lois physiques de l'hémodynamique (leur détermination piézographique). Actualites Scientifiques, Recherches d' Hemodynamique et Cardiologie 511, 1937

Discovered a new syndrome

With H. Vaquez. Un syndrome hypertensif nouveau. L'hypertension moyenne solitaire (1931)

First to apply piezoelectricity to measurement of blood pressure in vessels

With André Langevin developed Gomez-Langevin procedure for measuring pressure changes in blood vessels and conceived Gomez-Langevin piezograph or piezoelectric manometer (1933)

Authored studies and discoveries about arterial hypertension treatment employing extracts from cortical region of the kidney receiving the Prix Mesurer of Academie de Medecine de Paris (1935)

Action therapeutique de certains extraits rénaux dans le traitement de l'hypertension artérielle (1934)

Developed Gómez formulae for estimating intrarenal hemodynamics

Laid out the foundations of microscopic morphometrical techniques in developing morphometric methods for estimating the lungs diffusion surface area

Published a series of formulae for directly evaluating glomerular hemodynamics in humans

Evaluation of renal resistances, with special reference to changes in essential hypertension. J. Clin. Invest. 30:1143-55, 1951

Developed Weibel-Gómez technique or method

With E.R. Weibel. A principle for counting tissue structures on random sections. J.Appl. Physiol. 17:343-8, 1962

Introduced the concept of continuous distribution for either specific tidal volume throughout the lungs or for the specific blood flow through the organs and tissues

A mathematical treatment of the distribution of tidal volume throughout the lung. Proc. Nat. Acad. Sci. Washington 49(3):312-9, 1963

A physicomathematical concept of continuous distribution of specific blood flow through the organs. PNAS 51(5):750-7, 1964

With E. Weibel proposed irregular dichotomy as mode of branching in all human airway tree and found that the average diameter of the airways decreased by a factor of cube root of $\frac{1}{2}$

Presented methods for the evaluation of the physical characteristics of the renal vascular tree

Hemodynamics of the renal circulation. La Rev. Scie. 3272(8):451, 1947

Showed that blood flow through the kidney was reduced in hypertensive patients

With P.R. Caldwell. A formulation for the partition of free vs. hemoglobin-bound 2,3-diphosphoglycerate. Resp. Physiol. 19(3):290-7, 1973

INVENTIONS/PATENTS

With Vaquez & Gley invented a new oscillometer (Kimometre)

With A.J. Langevin. Methode et appareil pour la mesure et l'enregistrement des pressions sanguines. Le piezographe. Brevet d'invention n° 337.641 (1932)

SOME BIBLIOGRAPHY

With C. Rodrigue. Etude radiologique et clinique de l'opacité aortique (1931)

With P. Gley. La détermination des pressions moyenne et minima par la methode oscillometrique. Presse Med. 39:284, 1931

With P. Gley. Le travail Du coeur sous l'influence des anevrysmes arterioso-veineux. J. Physiol. et de Pathol. Gen. 29:442-5, 1931

With P. Bailliart. La pression moyenne dans le glaucome

Action de certains extraits de la corticale du rein sur la retention ureique: contribution a l'etude therapeutique de l'uremie. Presse Med. 9:219-21, 1935

Caracteristiques physiques des vaisseaux, debit circulatoire et loi de decroissance, en fonction du temps, de la pression arterielle. Comp. Rend. Hebd. Sean. Acad. Sci. 203:1030, 1936

With C. Veil. Sur la limite statique de la presion arterielle. Comp. Rend. Soc. Biol. 123:957-9, 1936

With André Langevin. La piézographie directe et instantanée: ses applications aux etudes d'hémodynamique; controle des méthodes mécaniques. Actualites Scientifiques, 1937

Hémodynamique et angiocrinétique: etude rationelle des lois régissant les phénomènes cardio-vasculaires (1941)

L'Hemodynamique de la circulation renale. Rev. Sci. 85 (451):583, 1947

With P. A. Morales, C.H. Crowder et al. Measurement and significance of urinary appearance time in dog. Amer. J. Physiol. 163:454, 1950.

Evaluation of renal resistances with special reference to changes in essential hypertension. J.Clin. Invest. 30:1143, 1951

Considerations of oxygen-hemoglobin equilibrium on the physiological state. Am. J. Physiol. 200:135-42, 1961

With E.R. Weibel. Architecture of the human lung. Use of quantitative methods establishes fundamental relations between size and number of lung structures. Science 137:577-85, 1962

With W.A. Briscoe & G. Cumming. Continuous distribution of specific tidal volume throughout the lung. J. Appl. Phys. 19:683-92, 1964

A physico-mathematical study of lung function in normal subjects and in patients with obstructive pulmonary diseases. Med. Thorac. 22:275-94, 1965

With J. Lowenstein, P.R. Steinmetz et al. The distribution of intrarenal blood flow in normal and hypertensive man. Circulation 35:250-4, 1967

With P.R.B. Caldwell & H.W. Fritts. Respiratory heat exchange in normal subjects and in patients with pulmonary disease. J. Appl. Physiol. 26:82-88, 1969

HONORS

Medicine and Physiology Nobel Prize nominee for three times

Domingo Ribeiro dos Guimarães Peixoto

April 19, 2024

[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 Bresil et sur les sympathies considérées sous les rapports physiologique et medicale. Thesis, Faculté de Medicine 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 encephalite, 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](#) 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 Sagitarius 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)

Domingos Arthur Machado Filho

April 3, 2024

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

Domingos Arthur Machado Filho, Brazilian helminthologist and parasitologist (Rio de Janeiro 28 May 1914 – Rio de Janeiro 18 August 1990)

DESCRIBED NEW TAXA

Acanthocephala

Valid Genus

Palliolisentis 1960

Species

Acanthocephalus acutispinus 1968

Acanthocephalus correalimai 1970

Corynosoma longilemniscatus 1961

Echinorhynchus briconi 1959

Echinorhynchus gomesi 1948

Echinorhynchus gracilis 1948

Echinorhynchus paranaensis 1959

Echinorhynchus salobrensis 1948

Floridosentis mugilis 1951

Gigantorhynchus lutzi 1941

Gorytocephalus spectabilis 1959

Lueheia cajabambensis 1967 with Ibañez

Neoechinorhynchus macronucleatum 1954

Neoechinorhynchus paraguayensis 1959

Neonicola pinto 1950

Neonicola potosi 1950

Oligacanthorhynchus major 1963

Oncicola chibigouzuensis 1963

Oncicola confusus 1950

Oncicola freitasi 1950

Oncicola juxtatesticularis 1950

Oncicola magalhaesi 1962

Oncicola micracantha 1949

Oncicola paracampanulata 1963

Pachysentis dollfusi 1950

Pachysentis gethi 1950

Pachysentis lenti 1950

Pachysentis procyonis 1950

Pachysentis rugosus 1950

Pachysentis septemserialis 1950

Palliolisentis quinqueungulis 1960

Prosthenorchis lemuri 1950

Pseudocorynosoma iheringi 1961

Quadrigyrus brasiliensis 1941

Others

Subulura amazonica 1968 with Pereira (Nematoda)

Mantoscypidia australorbicola 1965 (Protozoa)

Trichodina planorbicola 1965 (Protozoa)

HONORS

Machadosentis Noronha 1992 (Acanthocephala)

Arthurella Albuquerque 1954 (Diptera)

Domingos Baggio

February 26, 2024

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

Domingos Baggio, Brazilian parasitologist (fl.1963-2000)

Developed a vaccine for allegry caused by mites

Developed a chemical for fighting mites

Described Baggio-Yoshinari syndrome or Brazilian Lyme-like disease

With N.H. Yoshinari, P.J.L. Barros, F.C.M. Cruz, L.K.Oyafuso, M. Mendonça et al. Clinica e sorologia da doença de Lyme no Brasil. Rev. Bras. Reumatol. 32 (Suppl.):57, 1992

DESCRIBED ACARI TAXA (with Perez-Iñigo)

Genera

Belemacarus 1997

Brasilobates 1980

Brasiloppia 1986

Dinoxenillus 1980

Furcodamaeus 1980

Minasbates 1996

Pseudogalumna 1994

Xenilloides 1989

Species & Subspecies

91 species and 4 subspecies

Domingos Define

February 27, 2024

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

Francisco Domingos Define, cirurgião ortopédico brasileiro (São Paulo 30 December 1895 – São Paulo 21 July 1985)

Methods / Techniques

Novo processo para estabilizar a articulação tíbio-tarsica no pé paralítico (A technique for the stabilization of the ankle joint in the paralytic foot). Anais 4th Congr. Bras. Ortop. Traumatol. P. 277-97, 1940

Novo modelo de mesa destinada ao tratamento das fraturas da coluna vertebral (A table for the treatment of spinal fractures). Anais 4th Congr. Bras. Ortop. Traumatol. P. 189-90 (1940)

Novo aparelho para correção de contraturas em flexão do joelho. Arq. Bras. Cir. Ortop. 7(1):5-21, 1939

A aplicação em cirurgia ortopédica do poder osteogênico do perióstio na infância. Rev. Bras. Ortop. 1:42-52, 1966

Domingos Fernandes da Costa

February 26, 2024

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

Domingos Fernandes da Costa, Brazilian astronomer and geographer (São João da Barra, Rio de Janeiro State 1882 – Rio de Janeiro 1956)

Started series of micrometrical measurements on double stars (1921-1926) whose results were sent to Robert T.A. Innes, director from Meteorological Observatory in Johannesburg, and included in general catalogue of Southern Hemisphere.

Authored observations about Reid, Tempel and Ensor comets in *Astronomische Nachrichten* (1925)

SOME BIBLIOGRAPHY

Medidas micrométricas de estrelas duplas efectuadas durante os anos de 1924 a 1926 na equatorial de Cooke de 46 cm (1927)

Levantamento magnético do Valle do Rio São Francisco. Relatório e resumo dos resultados (1914)

Domingos José Freire Jr.

February 28, 2024

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

Domingos José Freire Jr., Brazilian chemist and physician (Rio de Janeiro 05 November 1843 –Rio de Janeiro 21 August 1899)

ACHIEVEMENTS

Authored over 100 works on chemistry and medicine

Enunciated Freire law “the climate diversity displays infeccious species diversity and in consequence pathogenic microbial diversity” (1894)

Discovered an alotropic state of bromine (1890) and the pentagonal schema of aromatic series in organic chemistry

Discovered the fat substances fermentation later confirmed by Van Tieghem

Proposed the cyanic function

Isolated alkaloid that named grandiflorine (today solasonine) from *Solanum grandiflora*

Sur un alcaloide du fruit du loup. Comptes Rendus de Seances de l'Academie de Sciences. CV(22):1074-6, 1887.

Introduced pereirine hydrochloride in therapeutics (1887)

Discovered a purgative resin from *Solanum paniculatum* (1890)

Developed a device for extracting dissolved gases in organic liquids alternative to Alvergnyat pneumatic pump (1881)

Developed processes for dosage of oxygen in organic fluids, gelatin in peptones and gases in urine

Developed a new warm filtration system of broth for microbial culture media (1892)

With J. Clarimundo Nobre de Melo. Sobre um novo sistema de filtração a quente dos caldos para o cultivo dos microorganismos (1892)

A new volumetric process for quinine dosage of quina barks in sulphate state

Novo processo volumétrico para dosar a quinina das cascas da quina no estado de sulfato. União Medica 4:108-13, 1884

A process for gelatin dosage in medicinal peptones

Processo para dosar a gelatina que falsifica as peptonas medicinais: pesquisas feitas no laboratório da Faculdade de Medicina da Corte. União Médica 2:61-3, 1882.

A new volumetric procedure for urine oxygen dosage

Nouveau procede pour doser volumétriquement l'oxygene de l'urine. Comptes Rendus dès Seances de l'Academie dès Sciences. LXXI:229, 1881

A new reagent for detecting gelatin

A new synthetic method, the slow absorptions method

Warning tube for Marsh apparatus

Tubo de aviso para o aparelho de Marsh. Gazeta Medica Brasileira, 1882.

PATENTS

An embalming process (1882)

With Charles Berthaud. A new system of distillation of alcoholics fluids (1886)

With Felicissimo Rodrigues Fernandes. A process of milk storage (1887)

A process for fresh meat storage and dried meat processing (1887)

With Joaquim M. Caminhoá patented conservation of fresh products employing an antiputrid gas (1888)

HONORS

Honorary President, Pharmacological Section, International Congress of Medical Sciences, Bruxelles (1875)

First Class Medal, International Medical Congress, Washington, USA (1887)

BIBLIOGRAPHY (The data were extracted from)

Benchimol, L.J. Dos micróbios aos mosquitos, 1999 (book)

Donald George Broadley

February 26, 2024

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

Donald George Broadley, English-born Zimbabwean herpetologist (Stanford, Lincolnshire 29 May 1932 – Bulawayo, Matabeleland 10 March 2016)

DESCRIBED AMPHIBIAN & REPTILE TAXA (Living & Fossil)

Family

Prosymnidae 2009 with Kelly, Barker & Villet (Fossil)

Genera & Subgenera

Afronaja 2010 with Wallach & Wuster

Afrotyphlops 2009 with Wallach

Cryptolycus 1968

Gracilima 2018 with Tolley, Conradie, Wishart, Trape, Burger, Kusamba, Zassi-Boulou & Greenbaum

Limaformosa 2018 with Tolley, Conradie, Wishart, Trape, Burger, Kusamba, Zassi-Boulou & Greenbaum

Megatyphlops 2009 with Wallach

Montatheris 1996

Perretia 1989

Proatheris 1996

Xyelodontophis 2002 with Wallach

Species & Subspecies

115 (being 103 of them are valid)

HONORS

Broadleysaurus Bates, Tolley, Edwards, Davids, da Silva & Branch 2013 (Reptilia)

LINKS

https://www.researchgate.net/publication/325450946_Donald_George_Broadley_Bibliography_taxonomic_discoveries_and_patronyms

Donald Killick

March 2, 2024

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

Donald Joseph Boomer Killick, South African botanist (Pietermaritzburg 06 May 1926 – Pretoria 16 April 2008)

DESCRIBED PLANT SPECIES

Coleus praetermissus 1957 with Bullock

Cyrtanthus erubescens 1960

Dischisma struthioloides 1958

Erica dominans 1966

Erica glaphyra 1966

Helichrysum albirosulatum 1958

Helichrysum drakensbergense 1958

Helichrysum milfordiae 1960

Helichrysum tenuifolium 1954

Maerua brevipetiolata 1969

Micromeria grandiflora 1954

Moraea culmea 1954

Moraea diversifolia 1954

Moraea modesta 1954

Psammotropha alternifolia 1954

Rhodohypoxis palustris 1961

Satureja compacta 1961

Satureja grandibracteata 1961

Satureja reptans 1961

Schistostephium radicale 1969 with Claassen

Selago trauseldii 1969

Senecio cryptolanatus 1958

Senecio praeteritus 1958

Wahlenbergia monotropa 1964

Zaluzianskya pulvinata 1961

HONORS

Killickia Bräuchler, Heubl & Doroszenko 2008 (Lamiaceae)

Donato Alarcón Segovia

February 25, 2024

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

Donato Alarcón Segovia, Mexican physician (Ciudad de Mexico 06 May 1935 – Ciudad de Mexico 21 December 2004)

Authored over 300 papers, 14 books and 99 book chapters

World Pioneer on studies of immune regulating circuits and analysis of pathogenic role of antinuclear and anti-phospholipids antibodies

With D.G. Alarcón reported the first detailed description of pleuropulmonary manifestations of systemic lupus erythematosus (1961)

Studied lupus drug-induced syndromes, described its clinical aspects and auto antibodies that feature it (1969)

First to suggest that antinuclear antibodies could be natural antinuclear auto antibodies (1970) before Avrameas

With A. Ruiz Arguelles & E. Fishbein first described antibodies penetration in living cells and its functional consequences in Nature 271:67-9, 1978

With F. Ramos Niembro, R.P. Tamayo & J. Alcocer proposed the use of colchicine for treatment of scleroderma (1979)

With J. Alcocer described cytokines relationship to a disease in J. Clin. Investig. (1981)

Performed the first studies about nuclear medicine application to rheumatic studies disease

With A.E. Gharavi first described primary variety of antiphospholipid syndrome (1989)

With Harris described the criteria of antiphospholipid syndrome

Imagined the bone gammagraphy technique

Eponym of Alarcón Segovia diagnostic criteria for mixed connective tissue disease and Alarcon-Brown classification for necrotizing vasculitides

Held about 10000 citations

LINKS

<http://reumatologiaclinica.org/es/in-memoriain/articulo/13075522/> (in Spanish)

Donglu Bai

February 26, 2024

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

Donglu Bai, Chinese organic chemist (Dinghai County, Zhejiang Province 08 February 1936 –

CONTRIBUTIONS

With X. Xiao developed an efficient and selective method for hydrolysis of acetonides (2010)

With L. Zhou, Q. Yang, Y. Wang et al. designed novel isopropanolamine derivatives (2008)

With L. You, S. Feng, R. An & X. Wang developed a new method to synthesize β -amino amide (2008)

With Z. Liu, D. Li, S. Li et al. described a method for the synthesis of 5,6-disubstituted furo[2,3d]pyrimidine derivatives (2006)

With J. Li, J. Chen, Z. Li et al. reported a novel quinoxaline derivative as a potent human cyclophilin A inhibitor (2006)

With K. Xiao, L. Xuan, Y. Xu et al. discovered a dimeric stilbene glycosides with a novel four-membered ring (2002)

With X.C. He, B. Wang & G. Yu developed new chiral ferrocenylphosphine ligands (2001)

With L. Ou developed a new method for detrifluoroacetylation of esters with triethylamine pretreated silica gel (1999)

With Y. Hu developed a new and efficient method for obtaining α -bromoesters (1998)

With B. Wu obtained the first total synthesis of huperzine B (1997)

With G. Chu & Q. Zhou obtained the first total synthesis of sarmentosin (1993)

With Y. Bo & Q. Zhou developed an easy and efficient method for macrolactamization (1990)

PATENTS

With Y. Hu & J. Yan. Biaryl alcohol diamine compound, its pharmaceutical composition, preparation method and application (2010)

With X. Tang, X. He & Y. Fu. 16-site substituted double functional group huperzine B derivative, preparation method and use thereof (2006)

With C. Qi & X. He. Novel method for splitting and producing natural (-) huperzine and non-natural (+) huperzine by racemate of diastereoisomer salt (2006)

With X. He, D. Li, Z. Liu, S. Li & Y. Hu. Polysubstituted furanpyrimidine compounds and synthetic method thereof (2006)

With J. Shen, H. Jiang, X. Shen, J. Zuo et al. 3D structure model of SARS coronavirus 3CL protease and anti-SARS drugs. 7662860 (2005)

With W. Chen, Y. Bu, Y. Wang, Y. Dong & A. Kang. N-substituted benzyl or phenyl aromatic sulfamides compounds and the use thereof. 6605635 or WO 2001042204A1 (2002)

Dorairajan Balasubramanian

February 26, 2024

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

Dorairajan Balasubramanian, Indian cytologist and molecular biologist (Tiruchirapalli, Tamil Nadu State 28 August 1939 –

Authored over 450 publications (6 books)

Showed that biochemical damage to visual proteins compromise lenticular transparency and lead to cataract

Isolated limbal stem cells of eye cornea

Showed the importance of optineurin in regulating the process of endocytic recycling

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

Dorival Macedo Cardoso

February 26, 2024

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

Dorival Macedo Cardoso, Brazilian biochemist (São Paulo 14 July 1907 – São Paulo 16 February 1966)

Collaborated with famous studies about the vitamin B in cell oxidations of nervous tissue

With P.E. Galvão. Estudos sobre as oxidações na avitaminose B e no jejum. Arch. Inst. Biol. 3:219-48, 1930

Developed hypohysation method (Von Ihering method) for spawning of piracema fishes, used worldwide in fish-farming stations (1934)

With R. Von Ihering, P. Azevedo, J. Pereira Jr., Hypophysis and fish reproduction. Intern. Physiol. Congr. 15:211-2, 1935 or Sechenov J. Physiol. Of USSR 21(5-6):211-2, 1935

Verified that the reduction of methylene blue could be used in standardization of BCG vaccine

With W.F. Almeida. Padronização do BCG. Rev. Bras. Tuberc. 18:633-44, 1950

With W.F. Almeida. BCG seco – determinação de sua viabilidade por um método bioquímico. Rev. Bras. Tuberc. 18:119, 1950

Described a simple and fast method for standardization of BCG vaccine

With G. Nazario, J. Planet do Amaral & W.F. Almeida. Padronização do BCG. II. Rev. Bras. Tuberc. 20:583-92, 1952

Observed that the vitamin B12 content from stools and rumen varies according to food conditions of cattle

With W.F. Almeida. Atividade vitamínica B12 no rúmen e nas fezes de bovinos. Sua variação com o regime alimentar. Arq. Inst. Biol. 25:237-52, 1958

Developed a culture medium for dosing of vitamin B12

With W. F. de Almeida. Meio de cultura para a dosagem de vitamina B12 com *E. coli* 113-3. Arquivos Inst. Biol. 1954

Driss Aboutadjine

February 25, 2024

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

Driss Aboutadjine, Moroccan information and telecommunications engineer (30 December 1953 – Beni Mellal, Rabat 04 March 2017)

CONTRIBUTIONS/BIBLIOGRAPHY

- With M. Elmoutahdi & S. El Fikhi. Fingerprint identification based on hierarchical triangulation. J. Inform. Process Systems 14(2):435-47, 2018
- With H.A. Abdelali, F. Essannouni & L. Essannouni. Fast and robust object tracking via accept-reject color histogram based method. J. Vis. Comm. Image Repres. 34:219-29, 2016
- With M. Benyoussef, S. Mabtoul & M. El Marraki. Robust ROI watermarking scheme based on visual cryptography: application on mammogram. J. Inform. Process Systems 11(4):495-508, 2015
- With C. Anibou & M.N. Saidi. Classification of textured images based on discrete wavelet transform and information fusion. J. Inform. Process Systems 11(3):421-37, 2015
- With S. Ousguine, F. Essannouni & L. Essannouni. A new image interpolation using gradient-orientation and cubic spline interpolation. Int. J. Innov. Appl. Studies 5(3):215-21, 2014
- With A. Badri & H. Yahia. Robust surface reconstruction via triple sparsity (2014)
- With O. Zytoune. An optimized energy aware chaining technique for data gathering in wireless sensor networks. Inter. J. Digital Inf. Wireless Comm. 3(2):41, 2013
- With O. Zytoune. A lifetime extension protocol for data gathering in wireless sensor networks. Int. J. Innov. Appl. Studies 4(3):477-82, 2013
- With E. Sarhrouni & A. Hammouch. Dimensionality reduction and classification feature using mutual information applied to hyperspectral images: a wrapper strategy algorithm based on minimizing the error probability using the inequality of Fano. Appl. Math. Sciences 6(102):5073-84, 2012
- With E. Sarhrouni & A. Hammouch. Application of symmetric uncertainty and mutual information to dimensionality reduction and classification of hyperspectral images. Inter. J. Engin. Technology 4(5):268-76, 2012
- With A. El Akadi, A. Amine & A. El Ouardighi. A two-stage gene selection scheme utilizing MRMR filter and GA wrapper. Knowl. Inf. Syst. 26:487-500, 2011
- With H. El Khattabi & A. Tantaoui. Measure a subjective video quality via a neural network (2011)
- With M. El Hassouni. 3D Mesh denoising using an improved vertex based anisotropic diffusion. Int. J. Comp. Sci. Inform. Security 8(2), 2010
- With O. Zytoune & Y. Fakhri. A novel energy aware clustering technique for routing in wireless sensor networks. Wireless Sensor Networks 2(3):233, 2010
- With O. Zytoune. An uniform balancing energy routing protocol for wireless sensor networks. Wireless Personal Comm. 55(2):147-61, 2010
- With B. Elbhiri & R. Saadane. Developed distributed energy efficient clustering (DDEEC) for heterogeneous wireless sensor networks (2010)
- With Ideraim, D. Ducrot & D. Mammass. An unsupervised classification using a novel ICM method with constraints for land cover mapping from remote sensing imagery. Int. Review Computers & software 4(2):165-76, 2009
- With A. El mAkadi, A. Amine & A. El Ouardighi. A new gene selection approach based on minimum redundancy-maximum relevancy (MRMR) and genetic algorithm (GA) (2009)
- With A. El Akadi & A. El Ouardighi. A powerful feature selection approach based on mutual information. Int. J. Comp. Sci. Netw. Soc. 8(4):116, 2008
- With A; Radgui, C. Demonceaux, E.M. Mouaddib & M. Rziza. An adapted Lucas-Kanade's method for optical flow estimation in catadioptric images (2008)
- With A. Jbari & A. Adib. Blind audio separation and content analysis in the time-scale domain. Inter. J. Semant. Computing 1(3):307-18, 2007
- With F. Essannouni, R. Oulad Haj Thame & A. Salam. Simple noncircular correlation method for exhaustive sum square difference matching (2007)
- With M. Bakrim & M. Najim. New cumulant-based approaches for non-Gaussian time-varying AR models. Signal Processing 39 (1-2):107-15, 1994
- With A.A. Abdelouahad., M. El Hassouni & H. Cherifi. A reduced reference image quality measure using Bessel K forms model for tetrolet coefficients
- With E. Sarhrouni & A. Hammouch. Band selection and classification of hyperspectral images using mutual information: an algorithm based on minimizing the error probability using the inequality of Fano

With H. Bouirouga, S. El Fikhi & A. Jilbab. Comparison of performance between different SWM kernels for the identification of adult video

With A. Amehraye, D. Pastor & A. Tantaoui. From maskee to audible noise in perceptual speech enhancement

With A. Jbari & A. Adib. A double referenced contrast for blind source separation

With M. Rziza, M. El Aroussi, M. El Hassouni & S. Ghouzali. Local curvelet based classification using linear discriminant analysis for face recognition

With B. Ibrahim & E.H. Ibn Elhaj. Optimal and generalized multiple descriptions image coding transform in the wavelet domain

With H. El Maia & A. Hammouch. Hybrid color-texture space for image classification

With O. Zytoune & Y. Fakhri. A balanced cost cluster-heads selection algorithm for wireless sensor networks

With S. Mabtoul & E. Ibn Elhaj. Robust semi-blind digital image watermarking technique in DT-CWT domain

Ducci family

February 27, 2024

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

José Ducci Kallens, Chilean physician and inventor (Santiago 20 May 1884 – Santiago 31 October 1931)

From Italian father

INVENTED/DEVELOPED

Electrocardiographs

Devices for measuring arterial and ocular pressures

A radiological system to view organs in volume and depth

A new technique for stomach radiography

Primitive models of enteroscopic radioscopy and planography

New radiological methods

Regulator for victrolas (patented)

His son, Hector Ducci Claro, Chilean internist (15 August 1915 – 24 July 1959)

Authored 105 papers

Proposed a practical clinical classification of jaundice

With Cecil J. Watson devised a method to measure conjugated bilirubin in serum (bilirrubine reacting direct or Ducci-Watson test) 1945

Developed several laboratory techniques mainly liver function tests

Proposed the use of high doses of cortisone in fulminant hepatic failure due to viral hepatitis that stood worldwide for at least two decades as the life-saving alternative (1951)

Standardized and adapted the thymol test of MacLagan to the photoelectric colorimeters (1946-7)

With R. Katz. A simple method for the preparation of labile factor deficient plasma. *Thromb. Diath. Haemor.* 1(3-4):413-7 1957

With E. Taucher. Clinical experience with iodopanoic acid – a new contrast medium for cholecystography. *Rev. Med. Chile* 82(10):568-76, 1954

EPONYMY

Ducci colloidal red test (1947)

Ducci-Toriello technique (1951)

Ducci-Mayel reaction

See *Rev. Med. Chile* 127 (9):1150-2, 1999

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. Chakravorti. 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. 42nd 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 wind field 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)

Dwijesh Kumar Dutta Majumder

April 3, 2024

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

Dwijesh Kumar Dutta Majumder, Indian computer scientist (Dharmaghar District, Sylhet, Bangladesh 10 February 1932 –

Authored over 500 research papers and a dozen of books

Developed new image compression techniques

Developed a method for fusion of multimodal images using Dempster-Shaffer evidence accumulation theory

Developed new methodologies and theories in fuzzy mathematics

Proposed a new paradigm for treatment of cancer

Proposed several new mathematical models like fuzzy self-supervised learning, 2D/3D shape measures, occluded shape recognition using differential geometry, unitariness of cybernetics and general systems theory

Eddie Esteves Pereira

February 27, 2024

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

Eddie Esteves Pereira, Brazilian botanist (1939 –

DESCRIBED PLANTAE TAXA

Genera

Chapadocereus 1995 with Braun

Leopoldohorstia 1995 with Braun

Pierrebraunia 1997

Bragaia 2009 with Braun & Hofacker

Subgenera

Siccobaccatus 1991

Albertbuiningia 1995

Species

64

HONORS

Estevesia Braun 2009 (Cactaceae)

Edgar Donald Mountain

April 3, 2024

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

Edgar Donald Mountain, South African geologist and athlete (Camberwell, Greater London 02 April 1901 – Grahamstown, Eastern Cape 30 April 1985)

Finished fourth in the 1920 Olympic 800 meters final

DESCRIBED MINERALS

Diaboleite, Chloroxiphite & Crednerita with Spencer (1923)

Schultenite & Aramayoite with Spencer (1926)

Bismoclite & Boksputite (1935)

Rhodesite (1957)

HONORS

Mountainite Gard, Taylor e Chalmers 1957 (Mineral)

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 ($f=4\text{m}$; $D=40\text{cm}$) 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 ($d=11,6\text{ cm}$; $f=1,83\text{ m}$) 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 ($f=1,70\text{ m}$) 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. Ciencias (1926)

Honored in genus *Roquettea* Mello-Leitão 1931 (Arachnida)

Edgardo Raul Montaldi

April 3, 2024

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

Edgardo Raul Montaldi, Argentine plant physiologist (La Plata 03 December 1926 – La Plata 27 December 2000)

ACHIEVEMENTS

Studied the role that plays the sucrose in plant morphogenesis

Performed remarkable discoveries about the action of light and sucrose on the tropisms of *Cynodon dactylon* and *Cyperus rotundus*

With J.D. Garcia. Un método indirecto en el analisis del crecimiento de álamo. Rev. Fac. Agron. (1984)

With F. Skoog. Auxin-kinetin interaction regulating the scopoletin and scopolin levels in tobacco tissue cultures. Proceed. Natl. Acad. Sciences 47(1):36-49, 1961

With C. Bartoli, M. Sinortacchi, E. Tambussi, J. Beltrano & S. Puntarulo. Drought and watering-dependent oxidative stress: effect on antioxidant content in *Triticum aestivum* L leaves. J. Exper. Bot. 50(332):375-83, 1999 (with more than 100 citations)

SOME BIBLIOGRAPHY

With J. Beltrano & M.G. Ronco. Drought stress syndrome in wheat is provoked by ethylene evolution imbalance and reversed by rewatering aminoethoxyvinylglycine or sodium benzoate. J. Plant Growth Regul. 18:59-64, 1999

With J. Beltrano, M.G. Ronco & R. Barreiro. Plant architecture of *Paspalum vaginatum* Schwartz modified by nitrate and ammonium nutrition. Pesq. Agropec. Brasil. 34(7):1159-66, 1999

With J. Beltrano, M.G. Ronco & A. Carbone. Senescence of flag leaves and ears of wheat hastened by methyl jasmonate. J. Plant Growth Regul. 17:53-7, 1998

With J. Beltrano, A. Carbone & J.J. Guiamet. Ethylene as promoter of wheat grain maturation and ear senescence. Plant Growth Regul 15(2):107-12, 1994

With V.M. Luquez & J.J. Guiamet. Net photosynthetic and transpiration rates in a chlorophyll deficient isolate of soybean under well watered and drought conditions. Photosynthetica 1 (1993)

With J. Beltrano, J.J. Guiamet & R. Barreiro. Regulation of the photosynthetic capacity of primary bean leaves by the red:far red ratio and photosynthetic photon flux density of incident light. Physiol. Plant 5:97101, 1992

With J.J. Guiamet & J.G. Willemoes. Modulation of progressive leaf senescence by the red far-red ratio of incident light. Bot. Gaz. 150:148-51, 1989

With J. Beltrano. Diagravitropic growth promoted by high sucrose contents in *Paspalum vaginatum* and its reversion by gibberellic acid (1988)

With J. Beltrano. Stolon differentiation in *Cynodon dactylon* (L.) Pers. mediated by phytochrome. Environ. Experim. Botany 27:15-20, 1987

With P.A. Balatti. Effects of red and far red lights on modulation and nitrogen fixation in soybean (*Glycine max* L. Merr.). Plant Soil 92:427-30, 1986

With A.I. Betria. Tuber production by purple nutgrass (*Cyperus rotundus* L.) in darkness. Weed Res. 15:73-6, 1975

With A.I. Betria. Light effects on bulb differentiation and leaf growth in *Cyperus rotundus* L. Phytol. 32:1-8, 1974

Kinetin induction of bud differentiation on roots of entire plants. Z. Pflanzenphysiol. 67:43-4, 1972

Cynodon dactylon: possible causa de su diageotropismo. Rev. Invest. Agropec. Ser2 Biol. Prod. Veg. 7(2):67-87, 1970

Gibberellin-sugar interaction regulating the growth habit of Bermuda grass (*Cynodon dactylon* L.) Pers. Cell. Mol. Life Sci. 25:91-2, 1969

Modificación del crecimiento diageotropico de los estolones de *Cynodon dactylon* (L.) Pers. par medio del acido giberélico. Rev. Invest. Agropec. Ser2 4:55-68, 1967

With M.C. Marcavillaca. Different forms of leaves produced by experimentally induced buds in detached leaves of *Nicotiana tabacum* and *Passiflora caerulea*. Rev. Inst. Agropec. Ser2 Biol. Prod. Veg (1967)

La forma de las hojas y la edad fisiológica de las plantas (1965)

With M.C. Marcavillaca. Cultivo in vitro de tejidos de eucaliptos. IDIA 12:62-4, 1964

With H. Caso & I.J. Lewin. Algunos factores que afectan la morfología de las hojas em uma planta de desarrollo heteroblastico. Rev. Invest. Agropec. 17(3):321-40, 1963

With M.C. Marcavillaca. Rooting of *Eucalyptus rostrata* (1963)

With M.C. Marcavillaca. Enraizamiento de *Eucalyptus camaldulensis* (1963)

With F.K. Claver. Tuberization of the potato plant under non-inducing conditions. Eur. Potato J. 6:223-6, 1963

With R. Tizio. Influencia de las temperaturas de almacenaje sobre la capacidad productiva de la variedad de papa Huinkul. Rev. Fac. Agron. La Plata 29:133-48, 1953

With D.O. Caldiz, M. Pabelo & F.K. Claver. The effect of two planting dates on the physiological age and yielding potential of seed potatoes grown in a warm-temperature climate in Argentina. Potato Research 28:425-34,

With P.A. Balatti. Nitrogen assimilation and leaf development in indeterminate soybeans as influenced by post-flowering photoperiod. J. Exp. Biol. 37:161,

Edilberto Campos

February 26, 2024

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

Edilberto de Souza Campos, Brazilian ophthalmologist (Lagarto, Sergipe State 04 September 1883 – Rio de Janeiro 02 April 1971)

DEVELOPED NEW TECHNIQUES

Novo meio de conservar os instrumentos cortantes. Soc. Med. Bras. Med. 06 June 1925

Método simples e prático de esterilizar instrumentos cortantes. Brasil Medico 23(1):291, 1925

Ciclodíálise transcorneal, simplificação da operação de Heine. Brasil Médico 55(26):445-51, 1941

Nova orientação na operação de pterygio: ressecção sub-mucosa. Brasil Medico 50:42, 1936

Nova orientação na operação de pterygio. II. Bol. Acad. Nac. Med. 108 (3):754, 1936

OTHERS

Contribution á l'étude des complications du pterygion. La Clin. Ophtalm. (1909)

His son, Evaldo de Mendonça Campos, ophthalmologist (Rio de Janeiro 16 August 1915 – Rio de Janeiro 16 July 2003)

Authored over 80 works

Designed a hand with four fingers to access the visual acuity of children before the age of six and seven (Evaldo Campos hand)

Reported the second case of electric cataract in the world (after Soviet I.S. Chepurina 1941)

Cataract produced by electric current. Rev. Bras. Oftalm. 3:21, 1944

Cataract from industrial electricity. Am. J. Ophthalm. 28:111, 1945

OTHERS

Effect of retrobulbar anesthesia on ocular tension and vitreous pressure. Am. J. Ophthalm. 33(1), 1950

Edison Dias Teixeira

June 30, 2024

[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

Edison Farah

February 28, 2024

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

Edison Farah, Brazilian mathematician (Capivari, São Paulo State 14 April 1915 – São Paulo 14 April 2006)

From Lebanese father and Spanish mother

Wrote pieces for violin

Proposed that choice axiom is equivalent to interseccional generalized distributivity in relation to union and that joining topologies axiom to ultrafilters theorem is equivalent to choice axiom

Algumas proposições equivalentes ao axioma da escolha. Thesis (1954)

CONTRIBUTIONS

A new definition of ordinal number

Une nouvelle forme de l'axiome de substitution du systeme de Zermelo-Fraenkel. C.R. Acad. Sci. Paris 270, 1970

A new proof of Zorn's theorem. Boll. Un. Mat. Ital. 15(2):119-20, 1960

Two classical definitions of finite sets and a particular form of the axiom of choice

SOME BIBLIOGRAPHY

Le theoreme de Tychonoff pour les produits finis d'espaces compacts. Bol. Soc. Paran. Mat. 14(2), 1993-4

Remarques sur le systeme de Zermelo-Fraenkel. C.R. Acad. Sci. Paris Ser.A-B 266 (1968)

Number of equivalent relations on a set. Cien. Cult. 18(4):437, 1966

Sobre a reunião enumerável de conjuntos enumeráveis (On a countable union of countable sets). Cien. Cult. 10(2):88, 1958

Sur le bon ordre de l'ensemble des puissances des parties d'un ensemble donné. Summa Bras. Math. 3:37-42, 1953

Sobre uma desigualdade para as L-integrais das funções com valores complexos. Bol. Soc. Mat. S. Paulo 3 (1951)

Sobre a ordem total do conjunto das potências das partes de um conjunto dado. Bol. Soc. Mat. S. Paulo 5:59-61, 1950

Sobre a medida de Lebesgue. Thesis (1950)

Uma nota sobre a fórmula de Taylor. I. Bol. Math. Notae Inst. Mat. Rosario 5(2), 1945

Edmond Icery

February 29, 2024

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

Paul Laurent Edmond Icery, Mauritian physician and agricultural chemist (Plaines Wilhems 21 May 1824 – Curepipe 09 April 1883)

First in the world to produce white sugar (1868) due to the process of converting raw sugar with the addition of mono sulphate of lime

SOME BIBLIOGRAPHY

Nouveau procédé de fabrication du sucre de canne – spécification conforme au brevet délivré (1882)

Recherches sur le jus de la canne à sucre et sur les modifications qu'il subit (1865)

Des différentes méthodes de traitement des fractures du fémur (1854)

Etude sur les variations des éléments naturels de l'urine à l'état normal et pathologique (1854)

HONORS

Icerya Maskell 1878 (Hemiptera)

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-13,16: 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](#) 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 Navarro de Andrade

February 25, 2024

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

Edmundo Navarro de Andrade, Brazilian forester (São Paulo 02 January 1881 – São Paulo 01 December 1941)

ACHIEVEMENTS

Regarded as authority of world renown in reforestation with exotic specimens

HONORS

Grand Medaille de Saint-Hilaire, Societé Nationale d'Aclimatation de France (1928)

Meyer Medal, American Association of Genetics (1941)

MEMBERSHIP

Correspondent member, Reale Accademia di Agricoltura di Fiorino, Italy

Member, American Foresters Society

CURIOSITIES/TRIVIA

Founded Museu do Eucalipto (today Museu Edmundo Navarro de Andrade) in Rio Claro, São Paulo State (1916). This museum is the only one in the world totally dedicated to eucalyptus.

SOME BIBLIOGRAPHY

A cultura do eucalipto, 1909;

A cultura do eucalipto nos Estados Unidos, 1910;

Manual do plantador do eucalipto, 1912;

With H. Carvalho & O. Vecchi. A Dinamite na Agricultura, 1912;

A cultura do café nas Índias Neerlandezas, 1914;

Questões florestais, 1915;

With O. Vecchi. Les bois indigènes;

Instruções para a cultura da juta em S. Paulo, 1920;

O reflorestamento do Brasil e a Companhia Paulista, 1922;

Café, juta e borracha, 1923;

With A. Neiva & Costa Lima. Relatório da Comissão Técnica sobre a broca do café, 1924;

A Broca do Café, idem, 1925;

Pesquisas sobre a Berne, in «Boletim Biológico», 1927;

Uma praga dos bambus, Boletim Biológico, 1927;

O Eucalipto e as suas aplicações, 1ª parte, 1928;

Contribuição para o estudo da Entomologia Florestal Paulista, 1928;

Citricultura, 1930;

Subsídios para a Entomologia Agrícola Brasileira. 1930;

Pesquisas sobre a Biologia da mosca da madeira – *Pantophtalmus pictus*, in Arquivos de Biologia, 1930;

Edmundo Pereira

April 19, 2024

[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](https://neglectedscience.com/category/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 Pinguinos” (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](#) 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

Bifariaia 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 leslum 1952

Scutum thomasii

Vannus gondwanensis 1963

Walikalia juckesii 1975

HONORS (Fossil Plantae)

Plumsteadia Rigby 1963

Plumsteadiella Le Roux 1966

Plumsteadiostrobis Chandra & Surange 1977

Edson Saad

June 27, 2024

[Bibliography](https://neglectedscience.com/category/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 Acosta Bendek

February 25, 2024

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

Eduardo Francisco Acosta Bendek, Colombian obstetrician (Sitio Nuevo, Magdalena Department 24 July 1919 – Barranquilla 27 December 2017)

Discovered *Culex fatigans* as a vector of *Wuchereiria bancrofti*

Reported fetus crying in uterus in Obst. Ginec. Latinoamericana 14:255, 1956

Proposed the use of intrauterine oxygen as a contrast medium for placental location (1958)

Demonstrated that fetus swallows intrauterinally

Discovered and recorded the breath motions in uterus

Developed a suture with separating points of uterine segment for cesarean section

Developed a technique and a teaspoon for molar pregnancy

Nuevo instrumento: cucharilla molar. Rev. Col. Obst. Gin. 19:447, 1968

Eduardo Aguirre Pequeño

February 25, 2024

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

Eduardo Aguirre Pequeño y Yuriria, Mexican biologist (Hualahuises, Nuevo León State 14 March 1904 – Monterrey 18 July 1988)

Proved that the causative agent of pinta was *Treponema carateum* (1939) and developed treatment for it

Developed a diagnostic method for *Plasmodium vivax* at microscope

Found *Bufo valliceps* Wiegmann for biological pregnancy test (1948)

Eduardo Alfredo Zancolli

June 30, 2024

[Bibliography](https://neglectedscience.com/category/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 Blanco Acevedo

February 26, 2024

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

Eduardo Blanco Acevedo, Uruguayan surgeon (Montevideo 14 March 1884 – 07 July 1971)

Brother in law of physician Francisco Soca

Developed an operation for treatment of acute encephalitis (Blanco Acevedo incision)

Developed a procedure for prevention of hydatid anaphylaxis

SOME BIBLIOGRAPHY

Cancer primitivo del apéndice (1926)

Evolución de las apendicitis agudas (1933-4)

With C.M. Domínguez. La radiografía de la mamma dinamica. Anales Dept. Cient. Salud Publ. 2:1, 1935

Posibilidad en el tratamiento del cancer del cuello uterino. Rev. Med. Hond. 7(70):253-61, 1936

Litiasis del colédoco. Anales Ateneo Clin. Cir. 5:279, 1939

Parálisis radial producida por una inyección mercurial en El brazo. Rev. Med. Uruguay 10:178,

With J.L. Morador & R. Minetti. Los quistes hidátidicos musculares. Arch. Int. Hidat.

LINKS

http://www.smu.org.uy/publicaciones/libros/ejemplares_ii/art_39_blancoacevedo.pdf (complete bibliography)

Eduardo Braun-Menendez

February 26, 2024

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

Eduardo Braun-Menendez, Chilean-born Argentine physiologist (Punta Arenas, Chile 16 January 1903 – Mar del Plata 16 January 1959)

Worldwide respected as an authority on hypertension

Discovered angiotensin and angiotensogen

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

With L.F. Leloir, J.C. Fasciolo and A. Taquini described enzymatic nature of renin-angiotensin system and its link to arterial hypertension

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

With Oscar Orías published *Los Ruidos Cardíacos en condiciones normales y patológicas / Heart Sounds in Normal and Pathological Conditions* (1937) edited in English by Oxford University Press (1939), regarded as a classical text in the field. In this book they perfected a phonocardiogram via a process of optical amplification

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

Papers in top journals

With J.C. Fasciolo, J.M. Muñoz & L.F. Leloir. On the specificity of renin. *Science* 92 (2398):554-5, 1940

With U.S. Euler. Hypertension after bilateral nephrectomy in the rat. *Nature* 160 (478):905, 1947

With B.A. Houssay, J.C. Fasciolo, L.F. Leloir, J.M. Muñoz & A.C. Taquini. Angiotonin or hypertensin. *Science* 98(2553):495, 1953

With I.H. Page. Suggested revision of nomenclature – angiotensin. *Science* 127(3292):242, 1958

HONORS

Doctor Honoris Causa, University of California

LINKS

See <http://www.houssay.org.ar/hh/bio/braun-m.htm> See <http://www.houssay.org.ar/hh/bio/braun-m.htm>. (in Spanish)

Eduardo Caballero y Caballero

February 26, 2024

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

Eduardo Caballero y Caballero, Mexican helminthologist and parasitologist (Villahermosa, Tabasco State 26 October 1904 – Ciudad de Mexico 30 December 1974)

Authored over 211 works

DESCRIBED GENERA

Trematoda

Botulisaccus 1955 with Bravo-Hollis & Grocott

Cheloniotrema 1957 with Cerecero & Grocott

Choanophorus 1942

Haroldmanteria 1972 with Bravo-Hollis

Ichthyotrema 1952 with Bravo-Hollis

Irinaia 1965 with Bravo-Hollis

Kamchatkinella 1972 with Bravo-Hollis

Langeronia 1949 with Bravo-Hollis

Macrovalvitrema 1957 with Bravo-Hollis

Manteria 1950

Maxbraunium 1942 with Cerecero

Ochoterenatrema 1943

Parachiorchis 1943

Pseudoacanthostomum 1953 with Bravo-Hollis & Grocott

Pseudomazocraes 1955 with Bravo-Hollis

Pseudoparvumcreadium 1957

Pseudopodocotyle 1972 with Rodríguez

Pterinotrema 1954 with Bravo-Hollis & Grocott

Pterinotrematoides 1955 with Bravo-Hollis

Monogenea (all with Bravo-Hollis)

Ahpua 1973

Bychowskimonogenea 1972

Helixaxine 1965

Mexicana 1960

Paracalceostoma 1960

Paramicrocotyle 1972

Parancylodiscoides 1961

Pseudoeurysorchis 1962

Pseudotetrancistrum 1961

Digenea

Dermaskrjabinia 1974 with Caballero R.

Ornithotrema 1963 with Brenes & Arroyo

Pseudocleptodiscus 1961

Robertdigenea 1970 with Caballero R.

Hirudinea

Americobdella 1956

Batrachobdella 1931

Cymatobranhus 1960

Hygrobdelella 1940

Oceanobdella 1956

Pintobdella 1937

Potamobdella 1932

Nematoda

Dibulbiger 1935

Foleyellides 1935

Parachandlerella 1948

Saurofilaria 1954

Wehrdikmansia 1945

HONORS

Caballeraxine Lebedev 1972 (Monogenea)

Caballeria Bychowsky & Nagibina 1972 (Monogenea)

Caballerocotyle Price 1960 (Monogenea)

Caballerodiscus Sey 1988 (Digenea)

Caballeroia Thapar 1960 (Digenea)

Caballeroiella Lamothe-Argumedo 1977 (Digenea)

Caballerotrema Prudhoe 1960 (Trematoda)

Caballerotrematoides Madhavi 1977 (Trematoda)

Edcaballerotrema Teixeira de Freitas 1960 (Trematoda)

Neocaballerotrema Simha 1977 (Trematoda)

Caballeroides Chaturvedi & Khera 1977 (Nematoda)

Caballeronema Margolis 1977 (Nematoda)

Caballerorhynchus Salgado-Maldonado 1977 (Acanthocephala)

Subgenus *Caballeroispirura* Barus 1963 (Nematoda)

Eduardo Cabana

February 26, 2024

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

Enrique Mario Cabaña Perez, Uruguayan mathematician and statistician (Florida 02 December 1937 –

Proposed extending the notion of stochastic integral and Brownian motion to separable Hilbert spaces (1966 & 1969)

Generalized the Itô lemma and solved differential stochastic equations independently of Russian Daletzky (Daletzky-Cabaña integral) in 1960s

Devised the immersion method

With M. Wschebor. On the barrier problem for stationary Gaussian processes. Publ. Inst. Mat. Estatís. 4:123-8, 1969

Defined Brownian leaf

The vibrating string forced by white noise. Z.W. Gebiet. 15:111-30, 1970

Introduced barrier problem to solutions in stochastic analysis

On the barrier problem for the vibrating noise forced by white noise. Z. Wahrschein. Verw. Gebiete 22:13-24, 1972

Introduced the supremum of a two-parameter process

With M. Wschebor. The two-parameter Brownian bridge: Kolmogorov inequalities and upper and lower bounds for the distribution of the maximum. Ann. Probab. 10(2):289-02, 1982

Developed a new estimator of second spectral moment of a stationary Gaussian process

Estimation of the spectral moment by means of the extrema. Trab. Estad. Invest. Operativa 36:71-80, 1985

Proposed a new definition of string martingale in the plane

On a Wiener martingale characterization of two parameter Wiener processes. Statis. Probab. Lett. 10(3):263-70, 1990

With his daughter A. Cabaña Nigro introduced the concept of transformed empirical processes and developed a general procedure for constructing test classes of distributive disposition with or not parameter estimation using transformed empirical processes (1994-7)

Goodness of fit and comparison tests of the Kolmogorov-Smirnov type for bivariate populations. Ann. Statistics 22:1447-59, 1994

Transformed empirical processes and modified Kolmogorov-Smirnov tests for multivariate distributions. Ann. Statis. 25(6):2388-409, 1997

OTHER CONTRIBUTIONS

With M. Wschebor. An estimate for the tails of the distribution of the supremum for a class of stationary multiparameter Gaussian processes. J. Appl. Probability 18:536-41, 1981

Una familia asintóticamente óptima de estadísticos lineales de rangos no anticipativos. Cuad. Estad. Matem. 7(8):73-81, 1984

Affine processes: a test of isotropy based on level sets. SIAM. J. Appl. Mathematics (1987)

A Gaussian process with parabolic covariances. J. Appl. Probability 28:898-02, 1991

Modified Kolmogorov-Smirnov test for isotropic distributions in the plane. Sankhya (Ind. J. Statistics) A 58:440-63, 1996

With A. Cabaña. Modified Anderson-Darling test with selective power improvement. Publ. Matem. Uruguay 9:1-13, 2001

A test for symmetry for regression models (2006)

Design of continuous regression test by transforming the accumulated residues process (2006)

LINKS

<http://www.cmat.edu.uy/~mordecki/cabana/emc-mordecki.pdf> (Spanish)

file:///C:/Users/gustavo/Downloads/enrique_cabaña_recibe_este_lunes_el_título_de_doctor_honoris_causa.pdf See

<https://sites.google.com/neglectedscience.com/neglectedscience/alphabetical-list/c/eduardo-cabana?authuser=0>. (Spanish)

Eduardo Calleri

February 26, 2024

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

Eduardo M. Calleri Garmendia, Uruguayan surgeon (Fray Bentos 21 May 1901 – Durazno 21 July 1971)

Invented and modified a number of operative techniques

Designed many surgical instruments

Identified visor sign for hepatic hydatid cyst

Eduardo Chapot-Prevost

February 26, 2024

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

Eduardo Chapot-Prevost, Brazilian physician and surgeon (Cantagalo, Rio de Janeiro 25 July 1864 – Rio de Janeiro 19 October 1907)

From French father and Belgian mother

Introduced improvements in production of agar medium plates

With F. Fajardo. Nota sobre uma simplificação na confecção das placas de agar-agar ou gelose. *Tecnica Bacteriol.* (1894)

Performed the first successful operation for separation of siamese twins in the world (1900)

Designed a special operating table for Siamese twins

Possibly the first use of surgical mask (1900)

Idealized a process of hepatic suture employing nailing of deep points

Un nouveau procédé de réséction du foie. *Arch. Prov. Chir.* 10:193-214, 1900

Published *Chirurgie des Teratopages* (1901) with a preface written by French surgeon Felix Terrier

SOME BIBLIOGRAPHY

Formas clinicas do puerperismo infeccioso e seu tratamento (1885)

Pesquisas histológicas sobre inervação das vias biliares e extra-hepáticas (1890)

A boubá e a sífilis (1892)

O carbúnculo no matadouro (1900)

Xifotoracopago operado (1902)

Novo toracopago vivo (1905)

His brother, Rodolpho Chapot-Prevost, dentist (Manaus 04 March 1870 – Rio de Janeiro 06 March 1929)

Modifications sur la technique de l'anesthesie locale specialement pour les extractions dentaires. *Rev. Odontol.* (1900)

Modificação do fórceps para extração dentária

SOME BIBLIOGRAPHY

Contribution a l'etude de la classification de la carie dentaire. *Odontol.* 2(16):365, 445, 479, 559, 1903

Dos deslocamentos uterinos (1915)

Eduardo De Robertis

February 27, 2024

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

Eduardo Diego Patricio De Robertis, Argentine cytologist and microscopist (Buenos Aires 11 December 1913 – Buenos Aires 31 May 1988)

Son of Italian immigrants

ACHIEVEMENTS

With P. Rojas & F.A. Saez discovered that most amphibians have no morphologically distinguishable sex chromosomes (1935)

Determined the release mechanism of spermatozoa from amphibian male testicles

Showed that gonadotrophin promotes gonadal maturation in toads acting on Sertolli cells (1942)

With Angel Pogo discovered follicular thyrocolloid or colloidal vesicles of thyroid gland

Demonstrated the existence of an enzymatic mechanism in production and reabsorption of thyroid hormone (1940s)

First demonstrated the existence of a thyroid protease

With R. Grasso demonstrated peroxidases in epithelial cells and proposed the benzidine technique for histochemical localization of peroxidase activity (1946)

With F.O. Schmit discovered neural tubules or intracellular microtubules (1947)

With B. Epstein & M. Reissig described contagious myxomatosis virus of rabbit (1952)

With R. Canzani, B. Epstein & G. Gasic described mice transplantable leukemia virus (1955)

With Bennett and independently from Palade discovered synaptic vesicles in nerve terminals (1954) and named them

With Bennett associated synaptic vesicles to quantal acetylcholine and catecholamine release

Demonstrated synthesis and release mechanisms in synaptic vesicles

Identified pre- and post synaptic receptors

Identified the connective ciliary nature between the outer and inner segments of photoreceptors (1956)

With Lasansky first visualized protein-lipid bilayers in retinal photoreceptors and myelin-sheath membranes (1959)

First described exocytosis mechanism in adrenal and the ontogenesis of photoreceptors

Showed ultrastructure and physiological role of synaptic vesicles (1967)

With F. Wald & H. Gerschenfeld discovered the role of glial cells in transmission of neural impulses

With Pena, Medina, Novas & Paladini discovered N-butyl- β -carboline-3-carboxylate that binds to cerebral benzodiazepine receptors (1986)

Coined term endomembrane system

Developed techniques of subcellular fractionation for nervous system studies

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

Assay of thyrotropic hormone in human blood. J. clin. Endocrinol. Metab. 8(11):956-66, 1948

With C.A. Peluffo invented a special chamber to observe the motility of bacteria (1951)

With A. Lasansky. Electron microscopy of retinal photoreceptors. The use of chromation following formaldehyde fixation as a complementary technique to osmium tetroxide fixation. J. Biophys. Biochem. Cytol. 7:493-8, 1960

With W. Nowinski & F.A. Sáez authored Citología General or Cell Biology (1946) with many issues

Papers in top journals

Absorption of the exocrine cells of the pancreas. Nature 157:264, 1946

With W.W. Nowinski. The mechanism of the therapeutic effect of iodine on the thyroid gland. Science 103 (2675):421, 1946

With E. Rodríguez de Lores Arnaiz & A. Pellegrino de Iraldi. Isolation of synaptic vesicles from nerve endings of the rat brain. Nature 194:794-5, 1962

With L. Salganicoff, L.M. Zieher & G. Rodríguez de Lores Arnaiz. Acetylcholine and cholinacetylase content of synaptic vesicles. Science 140(3564):300-1, 1963

Ultrastructure and cytochemistry of the synaptic region. The macromolecular components involved in nerve transmission are being studied. Science 156(3777):907-14, 1967

Molecular biology of synaptic receptors. Science 171(3975):963-71, 1971

With his son Eduardo Miguel De Robertis authored Cell and Molecular Biology (1980) and translated into 9 languages

Medicine & Physiology Nobel Prize nominee

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 geológica 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. Técnica YPF 1(2-3):101-44, 1972

Posición estratigráfica de las Areniscas Superiores. Bol. Tecn. YPF 1(4):7-36, 1959

HONOURS

Reyesichnus Alonso, Carbajal & Raskovsky 1980 (Aves)

Eduardo Fuenzalida Loyola

February 28, 2024

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

Eduardo Fuenzalida Loyola, Chilean veterinarian (Curicó 18 October 1911 – 19 July 1976)

With virologist Raul Palacios Von Helms developed a new method of preparing anti-rabies vaccine (Fuenzalida-Palacios vaccine)

Um metodo mejorado para la preparación de la vacuna antirrabica. Tercer Jornada Soc. Chil. Salubridad, Inst. Bacteriol. Chile VIII(1-4), 1955.

Eduardo Gonzalez Pacheco

February 29, 2024

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

Eduardo Gonzalez Pacheco, Chilean mining engineer and mineralogist (died 2002?)

SOME BIBLIOGRAPHY

Hidratos de gas. Revista de Marina 2-3, 2002

With J. Muñoz Cristi, La cuenca petrolífera de Magallanes. Rev. Minerale 91:42-57, 1965

Estudio geológico-económico del distrito minero de Panulallo y regiones vecinas. Anales Fac. Cien. Fis. Matem. 11(11):45-92, 1954

With J. Muñoz Cristi, Geología de los yacimientos de pirofilita de Arrayán en la Provincia de Cauquenes (i.e. Maule). Rev. Minerale 1953

HONORS

Gonzalezoxylon Nishida 1981 (Fossil Plantae)

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 Hernán Charreau

February 26, 2024

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

Eduardo Hernán Charreau, Argentine molecular endocrinologist (San Fernando, Buenos Aires Province 27 May 1940 – Buenos Aires 23 March 2019)

Authored over 200 works

Discovered novel metabolic pathways in normal and pathologic tissues

First to describe some molecular insulin and prolactin induced mechanisms about steroid metabolism of Leydig and luteal cells and in accessory sexual glands

Characterized the receptor for luteinizing hormone and prolactin in Leydig cells

Discovered that ovary resistance syndrome is due to circulating antibodies that affect the follicle stimulating hormone

Developed and characterized a prostagen induced mammary carcinogenesis model

Demonstrated that prostagens can reproduce their proliferative effects through 4 molecular families regulation such as insulin like factors, heregulin, tyrosine kinase type I activity receptors and growth factors type beta

First to report interaction between progestin and the signal transduction pathways HRG/ErbB in mammary cancer (1999)

Explained the molecular failures of the reproductive system in experimental diabetes

Performed molecular characterization of the growth promoting effects of progestin hormones on mammary carcinogenesis

Showed the activity of juvenile hormone analogues on steroid biosynthesis

Eduardo Ladislao Holmberg

February 29, 2024

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

Eduardo Ladislao Estanislao Holmberg Correa, Argentine naturalist (Buenos Aires 27 July 1852 – Buenos Aires 04 November 1937)

From Austrian descent

DESCRIBED NEW TAXA

Mammalia

Subspecies

Puma yagouaroundi ameghinoi 1898

Aves

Subspecies

Rhea americana albescens 1878 with Lynch Arribalzaga

Pisces

Species

Astyanax correntinus 1891

Astyanax erythropterus 1891

Crenicichla niederleini 1891

Hypoptopoma inexistatatum 1893

Piabucus melanostoma 1891

Piaractus mesopotamicus 1887

Pterygoplichthys ambrosetti 1893

Steindachnerina conspersa 1891

Arachnida

Genera

Actinosoma 1883

Apembolephaenus 1908

Aussereria 1881

Discocyrtus 1879

Geraecormobius 1887

Mastophora 1876

Mecicothrombium 1882

Neothereutes 1883

Opisthoplatus 1878

Pachylodes 1887

Stenoterommata 1881

Hymenoptera

Genera

Alloscirtetica 1909

Amaurocosmia 1887

Anthodioctes 1903

Brachynomada 1886

Caenoprosopis 1887

Chacoana 1903

Chalepogenus 1903

Doeringiella 1884

Ecplectica 1884

Energoponus 1903

Epimonispractor 1903

Hypochrotaenia 1886

Ischnolynthus 1903

Lanthanomelissa 1903

Leptergatis 1903

Leptometria 1903

Melissoptila 1884

Nectarodiaeta 1887

Ochleroptera 1903

Palinepeolus 1909

Pseudepeolus 1886

Svastra 1884

Teleutemnesta 1887

Thygater 1884

Thyreothremma 1904

Thyreotremata 1887

Toba 1887

Trophocleptria 1886

HONORS

Holmbergia Hicken 1909 (Chenopodiaceae)

Edholmbergia Deletang 1919 (Hemiptera)

Holmbergiana Mello Leitão 1931 (Arachnida)

Subg. *Holmbergeria* Joergensen 1912 (Hymenoptera)

Eduardo Moacyr Krieger

March 2, 2024

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

Eduardo Moacyr Krieger, Brazilian physiologist (Cerro Largo, Rio Grande do Sul 06 June 1928 –

Authored 233 papers

ACHIEVEMENTS

World famous for his studies on experimental hypertension

Performed known studies about pressoreceptors adaptation in hypertension and hypotension

Pioneer on utilization of rat as a model for studies regarding regulation of blood pressure at sleep and exercises (1960s)

Described a sino-aortic baroreceptor denervation method worldwide used

Neurogenic hypertension in the rat. *Circulation Research* 15:511-21, 1964

Demonstrated that the baroreceptors are reset to operate at higher blood pressure levels in hypertension and that a complete resetting occurs when the increase in the pressure threshold equals the increase in blood pressure

Arterial baroreceptor resetting in hypertension. *Clin. Exp. Pharmacol. Physiol. Suppl.* 15:3-17, 1989

With J.J. de Lima, M.L. Vieira, F.J. de Paula, L.E. Ianhez, E. Sabbaga et al. Coronary angiography is the Best predictor of events in renal transplant candidates compared with noninvasive testing. *Hypertension* 42:263-8, 2003

METHODS

With P.P.S. Soares, M.R. Ushizima & M.C. Irigoyen. A semi-automatic computerized method to measure baroreflex-mediated heart rate responses that reduces interobserves variability. *Braz. J. Med. Biol. Research* 38(6):949-57, 2005

With M.A. Gutierrez, S.S. Furuie, M.C. Irigoyen & C.P. Mello. A microcomputer system for quantitative analysis of neural activity in the regulation of the cardiovascular system. *Computers in Cardiology* (1990)

With R.A. Santos & L.J. Greene. An improved fluorometric assay of rat serum and plasma converting enzyme. *Hypertension* 7(2):244-52, 1985

With L.C. Michelini & J.V.P. Leite. A new electrolyte strain gauge to study changes in aortic caliber produced by hypertension. *J. Hypert. Diseases*, 1981

HONOURS

Lifetime Achievement Award, Interamerican Society of Hypertension (1997)

ICLAS Muhlbock Award (2007)

WHL Detlev Ganten Excellence Award in Hypertension and Global Health Implementation, 2019 Awards Committee of the World Hypertension League

Eduardo Musacchio

April 3, 2024

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

Eduardo Aldo Musacchio, Argentine micropaleontologist and stratigrapher (Mendoza 09 November 1940 – Prahuanieyu, Rio Negro Province 18 May 2011)

Found the first well-documented Cretaceous fructification of genus *Nitella*

Upper Cretaceous *Lychnothamnus*, *Nitella* and *Tolypella* (Charophyta) from Zampal, Argentina. Cretaceous Research 31(5):461-72, 2010

DESCRIBED FOSSIL TAXA

Ostracoda

Genera / Subgenera

Alleniella 1991 with Simeoni

Huilicythere 1979

Neuquenocypris 1973

Protoneuquenocypris 1991 with Simeoni

Rayosoana 1975 with Chebli

Wolburgiopsis 1979 with Uliana

Species

Altanicypris australis 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues

Aracajuia lestai 1978

Bisulcocypris barrancalensis 1975 with Chebli

Brasacypris fulfaroi 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues

Brasacypris morigerata 1973

Cypridea americana 1975 with Chebli

Cypridea australis 1971

Cypridea craigi 1975

Cypridea cymerata 1971

Cypridea feruglioi 1975 with Chebli

Cypridea ludica 1971

Cypridea modesta 1971

Cypridea modestissima 1978

Cypridea ranquiliensis 1975 with Palamarczuk

Cypridea subcuadrata 1971

Cypridea vistalegrensis 1991 with Simeoni

Cypridea volubilis 1971

Cypridopsis (Pionocypris) pasocordobensis 1973

Cytherelloidea agrioensis 1984 with Abramovich
Cytherelloidea amosi 1984 with Abramovich
Cytherelloidea andica 1978
Cytherelloidea argentina 1984 with Abramovich
Cytherelloidea frenguelli 1984 with Abramovich
Cytherelloidea pseudoagyroides 1984 with Abramovich
Cytherelloidea volkheimeri 1984 with Abramovich
Eucytherura leufuensis 1979
Fastigatocythere neuquenensis 1978
Gomphocythere kerrieriensis 1975 with Chebli
Gomphocythere payunensis 1979
Harbinia ulianai 1975 with Palamarczuk
Huilicythere grambasti 1979
Ilyocypris argentiniensis 1991 with Simeoni
Ilyocypris bauruensis 2001 with Simeoni
Ilyocypris carrizoensis 1991 with Simeoni
Ilyocypris rectidorsata 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues
Ilyocypris riograndensis 1991 with Simeoni
Ilyocypris stembrinopetreei 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues
Ilyocypris wichmanni 1973
Ilyocypris (Neuquenocypris) calfucurensis 1973
Ilyocypris (Neuquenocypris) pecki 1979
Looneyolopsis chinamuertensis 1975
Musacchiocythere sarunata 1978
Neocyprideis zampalensis 1979
Neuquenocypris nahuelniyeuensis 1989
Neuquenocypris soaresi 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues
Neuquenocypris (Alleniella) tenuipunctata 1991 with Simeoni
Neuquenocypris (Neuquenocypris) loncochensis 1991 with Simeoni
Neuquenocypris (Neuquenocypris) minor 1991 with Simeoni
Neuquenocypris (Protoneuquenocypris) antiqua 1991 with Simeoni
Ovocytheridea rionegrensis 1973
Paralimnocythere hasuii 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues
Perissocytheridea informalis 1979
Pigafetella maruchoensis 1978
Procytherura kroemmelbeini 1978
Progonocythere neuquenensis 1978
Rayosoana quilimalensis 1975 with Chebli
Rhinocypris diadema 1991 with Simeoni
Rostroclytheridea covuncoensis 1979
Talycypridea sugui 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues

Therisynoecum dorsoacuminata 1970

Therisynoecum neuquenensis 1970

Therisynoecum picunleufensis 1970

Triclypella patagonica 1989

Virgatocypris mezzalirai 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues

Wolburgia sarugnata 1975 with Palamarczuk

Wolburgiopsis oguitorum 1975 with Palamarczuk

Wolburgiopsis plastica 1970

Wolburgiopsis vicinalis 1979 Uliana

Algae

Genera / Subgenera

Diectochara 1971

Nothochara 1973

Pseudoharrisichara 1973

Species

Diectochara andica 1971

Gobichara (*Pseudoharrisichara*) *groeberi* 1978

Gobichara (*Pseudoharrisichara*) *walpurgica* 1973

Lychnothamnus (*Pseudoharrisichara*) *tenuis* 1973

Mesochara ameghinoi 1973

Mesochara maruchoensis 1986 with Simeoni

Nothochara apiculata 1973

Sphaerochara portezueloensis 1973

Tolypella grambastii 1978

Triclypella patagonica 1989

Foraminifera

Species

Citharina rollerii 1979

Marginulinops picunleufensis 1980

Nodosaria bettenstaedti 1980

HONORS

Musacchiella Feist & Grambast-Fessard 1984 (Fossil Algae)

Musacchiocythere Ayress & Whatley 2014 (Ostracoda)

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

Eduardo Hugo Rapoport, Argentine ecologist and biogeographer (Buenos Aires 03 July 1927 – San Carlos de Bariloche, Rio 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](#) 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-Munguia. 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-Munguia. 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-Munguia & Z. de Cserna. Nuevas aportaciones a la geocronologia 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-Munguia. 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-Munguia & Z. de Cserna. Una 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-Munguia. 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 paraguanauatite 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 geologia 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

Edward Ayensu

February 25, 2024

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

Edward Solomon Ayensu, Ghanaian botanist and economist (Sekondi 28 Aug 1935 –

DESCRIBED VELLOZIACEAE PLANTS TAXA

Genus *Nanuza* with L.B. Smith

3 sections

61 species

4 varieties

HONORS

Ayensua L.B. Smith 1969 (Bromeliaceae)

Edward Button

February 26, 2024

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

Edward Button, English-born South African explorer and gold prospector (Brundish, Suffolk 24 May 1836 – Pietermaritzburg 24 May 1900)

Collected plants and seeds

Authored a paper Explorations in the gold regions of the Limpopo. Report Brit. Assoc. Advanc. Science (1872)

HONORS

Buttonia McKen ex. Bentham 1871 (Orobanchaceae)

LINKS

https://www.s2a3.org.za/bio/Biograph_final.php?serial=439

Edwin O'Neill Willis

June 30, 2024

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

Edwin O'Neill Willis, US-born Brazilian ornithologist (Russellville, 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](#) 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](#) 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 morfologico de cinco nuevas razas de maiz 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)

Efrén C. del Pozo

February 27, 2024

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

Efrén Carlos del Pozo Rangel, Mexican physiologist and pharmacologist (San Luis, Potosí 11 September 1907 – Ciudad de Mexico 14 May 1979)

Authored over 50 papers

Discovered that newborn animals don't display reflex palsy immediately after spinal cord lesions

With C. Guzmán, A. Fernandez & J. Negrete. El choque espinal en gatos jóvenes. Bol. Inst. Estud. Med. Biol. Mex. 12(7):169-72, 1954

SOME BIBLIOGRAPHY

Pharmacology of venoms of Mexican *Centruroides*. Rev. Invest. Salud Publica 28(1):51-66, 1968 & Mem. Inst. Butantan 33(2):615-25, 1966

With M. Salas & P. Pacheco. Effects of scorpion venom at neuromuscular junction. Rev. Invest. 33(3):961-4, 1966

Los efectos paralizantes de la "tullidora", estudios clinicos y experimentales. Gac. Med. Mex. 95(2):179-82, 1965

La botânica medicinal indígena de Mexico. Estudios Cult. Nahuatl. 5:57-73, 1965

With C. Guzmán & F. del Pozo. Jump reflex in the hypothalamic cat. J. Neurophysiol. 16(4):376-80, 1953

With J. Negrete. Effect of adrenalectomy on the contraction of skeletal muscle. Rev. Inst. Salub. Enferm. Trop. 13(2):163-8, 1953

With J. Negrete, J. Ibarra & M. Fernandez. Effects of cortisone on striated muscle contraction. Amer. J. Physiol. 171(2):354-8, 1952

With A. Gonzalez Ochoa. Two cases of prevention and treatment of lepra reaction by cortisone. J. Invest. Dermat. 18:423-4, 1952

With E.G. Pardo & D. García-Tellez. The action of several principles and extracts of the digitalis group on ischemic skeletal muscle. J. Pharmacol. Exp. Ther. 101:63-7, 1951

With E.G. Pardo. Ischemic striated muscle as an indicator of the activity of a cardiac glycoside. J. Pharmacol. Exp. Ther. 97(2):144-9, 1949

With E.G. Pardo & G. Anguiano. Influence of striated muscle activity on the lethal dose of k-strophanthoside. J. Pharmacol. Exp. Ther. 96(1):86-94, 1949

The action of the venom of a Mexican scorpion (*Centruroides noxius* Hoffmann) on cholinesterases. Brit. J. Pharmac. Chemistry 3(3):219-22, 1948

With L.C. Anguiano. Acciones del veneno de alacrán sobre la atividade motora del musculo estriado. Rev. Inst. Salubridad Enf. Tropicales 8(4):231-63, 1947

With E. Pardo & J. Derbez. Cihuapahtli, an activator of uterine motility (*Montanoa tomentosa*). Fed. Proc. 5(1-2):79, 1946

Inhibitory responses of pregnant cat's uterus to epinephrine and hypogastric stimulation. (1946)

With L.C. Anguiano. Physiological actions of scorpion venom (1946)

Estudios farmacológicos de algunas plantas usadas en la medicina azteca. Boletín Indigenista (1946)

With J. Gonzalez & T.H. Mendez. Acciones del veneno de alacrán sobre el aparato respiratorio. Rev. Inst. Salubr. Enferm. Trop. Mex. 6:77-84, 1945

With A. Rosenblueth. The changes of impedance of the turtle's ventricular muscle during contraction. Amer. J. Physiol. 139:514-9, 1943

With A.A.P. Leão. The effects of hyperventilation and of blood-pressure changes on the self-sustained responses of the cerebral cortex. Amer. J. Physiol. 139:335-42, 1943

With A. Rosenblueth. The centrifugal course of Wallerian degeneration. Amer. J. Physiol. 139:247-54, 1943

With A. Rosenblueth. The electric responses of the tail pilomoters and nictitating membrane of the cat. Amer. J. Physiol. 137:263-79, 1942

With A. Rosenblueth. Accommodation in mammalian motor nerves. Amer. J. Physiol. 136:629-46, 1942

Transmission fatigue and contraction fatigue. Amer. J. Physiol. 135:763-71, 1942

El dinitrofenol 1-2-3-estimulante del metabolismo y su aplicación clinica. Thesis, UNAM (1935)

With A. Rosenblueth. The effects of veratrine upon the superior cervical ganglion. Amer. J. Physiol.

HONOURS

Associate Researcher, National Institute for Medical Research, London

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

Askoloboceras 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

Iotrighonia 1929

Komeceras 1944

Lethargoceras 1946

Letheceras 1946

Linotrighonia 1929

Lophoceras 1931

Matsumotoceras 1968

Megatrighonia 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

Zuluscapites 1955

Reptilia

Dromicosaurus 1920

Eucnemesaurus 1920

Gigantoscetus 1916

Jonkeria 1932

Kolpochoerus 1932 with Van Hoepen

Pedeticosaurus 1915

Platycraniellus 1917

Stylochoerus 1932

Synptochoerus 1932

Tapinochoerus 1932

Mammalia

Eurygnathohippus 1930

Kolpohippus 1932

Kraterohippus 1930

Megalotragus 1932

Orangiatherium 1932

Pelorocerus 1932

Sterrohippus 1930

Stylohipparion 1930

Amphibia

Uranocentrodon 1917

Crustacea

Pseudohomarus 1962

HONORS

Hoepenites Collignon 1952 (Fossil Mollusca)

Eglemar Conde Lima

March 6, 2024

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

Eglemar Conde Lima, Brazilian palynologist and stratigrapher (c. 1930 – 201?)

SOME BIBLIOGRAPHY

With M.P.S. Regali & N. Uesugui. Palinoestratigrafia e paleoambiente da bacia de Barreirinhas – Maranhão (1985)

With M.V. Caputo. Estratigrafia, idade e correlação do Grupo Serra Grande, Bacia do Parnaíba. Anais 33 Congr. Bras. P.740-53, 1984

Bioestratigrafia da bacia Barreirinhas. Anais 26 Congr. Bras. Geol. 3:81-92, 1972

With H.R.P. Pamplona & R. Porto. Evolução geológica do Grupo Canárias, Bacia de Barreirinhas. Anais 26 Congr. Bras. Geol. 3:93-106, 1972

With R.F. Daemon. Estudo bioestratigrafico preliminar efetuado em sedimentos cretáceos, paleocênicos e neogênicos da Bacia de Marajó em base palinológica. Rel. Int. Petrobras (1970)

HONORS

Limaites Quadros 1986 (Fossil Protozoa)

Eiten family

February 27, 2024

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

George Eiten, US-born Brazilian plant ecologist (Morristown 20 november 1923 – Brasília 25 September 2012)

World authority on Cerrado

SOME BIBLIOGRAPHY

The Cerrado Vegetation of Brazil. Bot. Rev. 38:201-41, 1972

Delimitation of the Cerrado concept. Veget. 36:169-78, 1978

Formas fisionômicas do cerrado. Rev. Bras. Bot. 2:139-48, 1979

With Silberbauer-Gottsberger. Fitossociologia de um hectare de cerrado. Brasil Florestal 13(54):55-70, 1983

Vegetation of Brasília. Phytocoenologia 12:271-92, 1984

With Silberbauer-Gottsberger. A Hectare of Cerrado. I. General Aspects of the Trees and Thick-stemmed shrubs. Phytom 27:55-91, 1987

His first wife, Liene de Jesus Teixeira Eiten, Brazilian botanist (Caxias, Maranhão State 09 February 1925 – Brasília 28 October 1979)

DESCRIBED PLANT TAXA

Tribes

Micropapyreae 1976

Syntrinemeae 1976

Genus

Egleria 1964 (Cyperaceae)

Species

Egleria fluctuans 1964

Eleocharis chamaegyne 1972

SOME BIBLIOGRAPHY

Notes on Brazilian Cyperaceae. I. Phytologia 13(1):36-43, 1966

Anatomia da parte vegetative de *Eleocharis interstincta* (Vahl) Roem. & Schult. Arq. Bot. Estado São Paulo 4:187-228, 1969

Notes on Brazilian Cyperaceae. II. Phytologia 20:273-6, 1970

Aspectos morfológicos e sistemáticos da família Cyperaceae. Doctoral Thesis, ESALQ, Univ. São Paulo (1972)

Inflorescence units in the Cyperaceae. Annals of Missouri Botanical Garden 63:81-112, 1976

The Morphology of Some Critical Brazilian Species of Cyperaceae. Annals of Missouri Botanical Garden 63:113-99, 1976

HONORS (both)

Eitenia King & Robinson 1974 (Asteraceae)

Eizi Matuda

April 3, 2024

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

Eizi Matuda, Japanese-born Mexican botanist (Nagasaki 20 April 1894 – Lima, Peru 12 February 1978)

Described 185 new plant species

HONORS

Eizia Standley 1940 (Rubiaceae)

Matudaea Lundell 1940 (Hamamelidaceae)

Matudanthus D.R. Hunt 1978 (Commelinaceae)

Matudina King & Robinson 1973 (Asteraceae)

Eladio da Cruz Lima

March 6, 2024

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

Eladio da Cruz Lima, Brazilian painter, writer and archeologist (Belém do Pará 01 February 1900 – Belém do Pará 12 October 1943)

Authored Mamíferos da Amazônia – Introdução Geral e Primatas (Mammals of Amazon) in 1945 that gave him international recognition. This book display a new primate subspecies known as *Saguinus fuscicollis cruzlimai*

Authored other works as Arte pré-histórica na Amazônia (Pre-historic art in Amazon) and A cerâmica no Estado do Pará (Ceramics in Pará State)

HONORS

Subgenus *Eladinea* Miranda-Ribeiro 1937 (Amphibia)

Eladio Dieste

February 27, 2024

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

Eladio Dieste Saint Martin, Uruguayan structural engineer and architect (Artigas 10 December 1917 – Montevideo 19 July 2000)

Created and developed structural ceramics or reinforced brick

Invented two kinds of vault: self-carrying vaults and Gaussian vaults

Developed techniques to achieve resistant structures such as pre-stressing of brickwork and moveable formworks

Designed and built special machines and devices for construction

Developed special details and calculation techniques

Enunciated a theorem that relates moments integral along the directrix of vault to moment in each point in Un Nuevo teorema sobre estructuras laminares.

Eleazar Guzman Barron

February 29, 2024

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

Eleazar Sebastián Guzmán Barrón, US/Peruvian biochemist (Huari, Ancash 18 September 1899 – Chicago 26 June 1957)

Regarded as world authority in cellular respiration and enzymatic systems associated to biological oxidations

Performed classical researches on pyruvic acid metabolism

Indicated the function of sulphhydrylic compounds in metabolism

Demonstrated that cortical hormones inhibit glycolysis by inhibition of hexokinase

With M. Bacila. The effect of adrenal cortical hormones on the anaerobic glycolysis and hexokinase activity. *Endocrinology* 54(5):591-603, 1954

Demonstrated that enzymes containing active sulphhydryl groups were capable in defending against radiations (1943)

With William A. Pearlzweig. New colorimetric method for determination of bile acids in blood. *Proceed. Soc. Exper. Biol. Medicine* 24:233-4, 1926.

Elena Occhioni Martins

April 3, 2024

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

Elena Maria de Lamare Occhioni Martins, Brazilian botanist (Rio de Janeiro 1948 –

DESCRIBED PLANTAE TAXA

Stryphnodendron porcatum 1989 with Neill

Stryphnodendron heringeri 1985

HONORS

Section *Elenaea* Rizzini & Heringer 1987 (Fabaceae)

Her father, Paulo Occhioni, Brazilian botanist (Rio de Janeiro 01 January 1915 – 2000)

DESCRIBED PLANTAE TAXA

Family

Dialypetalanthaceae 1948 with Rizzini

Species

Agonandra fluminensis 1975 with Rizzini

Cinnamodendron sampaioanum 1948

Hedyosmum crenatum 1954

Hedyosmum cuatrecazanum 1954

Hedyosmum grandiflorum 1954

Neomarica heloisa-mariae 1947

Oxypetalum costae 1952

Oxypetalum kuhlmannianum 1959

Oxypetalum marambaiense 1971

Oxypetalum pauciflorum 1971

Oxypetalum sobralii 1953

Picramnia campestris 1975 with Rizzini

Picramnia monochlamys 1974 with Rizzini

Pilocarpus organensis 1974 with Rizzini

Stryphnodendron duckeanum 1959

Symplocos rizzinii 1975

Eleodoro Bellido

February 26, 2024

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

Eleodoro Bellido Bravo, Peruvian geologist (Huaytará, Huancavelica 03 July 1918 – 1982)

SOME BIBLIOGRAPHY

Geología de los yacimientos de Tambo Grande, Piura (1965)

Geología de los yacimientos de fierro de Huancavelica (1956)

Geología del curso medio del río Huaytará (1956)

Geología de los yacimientos de tungsteno de La Victoria y Nuevo Mundo (1954)

Los recursos minerales del sur del Perú

HONORS

Bellidoite de Montreuil 1975 (Mineral)

Elias Ayres Guidetti Zagatto

June 30, 2024

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 an 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 Dolianiti

February 27, 2024

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

Elias Dolianiti, Brazilian paleobotanist (Rio de Janeiro 26 January 1911 – Rio de Janeiro 30 July 1985)

From Greek ancestry

Authored over 30 works

World-renowned on Gondwanic flora

DESCRIBED FOSSIL PLANTAE TAXA

Genera

Kegelidium 1954

Paulophyton 1954

Palaeostigma 1957 with Krausel

Polysolenoxylon 1958 with Krausel

Prototaxoxylon 1958 with Krausel

Solenopitys 1958 with Krausel

Stephanophyllites 1977 with Millan

Species/Varieties

Archaeosigillaria picosensis 1957

Chondrodendron brasiliense 1949

Dadoxylon maniero 1958 with Krausel

Diplothemma gothanica 1954

Gangamopteris buriadica var. *acrodeltoidis* 1954

Gangamopteris moesii 1954

Jurinodendron brasiliense 1963

Kegelidium lamegoi 1954

Luehea roxoi 1949

Lycopodites amazonica 1967

Nipa pernambucensis 1955

Ottokaria sancta-catharinae

Palaeostigma sewardii 1957 with Krausel

Parataxopitys americana 1950 with Milanez

Paulophyton sommeri 1954

Protolapidodendron kegei 1957 with Krausel

Prototaxoxylon brasilianum 1958 with Krausel

Rhabdotaenia cricumensis 1953

Rubidgea itapemensis 1982 with Millan

Rubidgea lanceolata var. *truncata* 1982 with Millan

Solenopitys paulistana 1958 with Krausel

Stephanophyllites sanpaulensis 1980 with Millan

Taxopitys alves-pintoi 1958 with Krausel

Triphyllopteris alvaro-albertoi 1954

HONORS

Dolianitia Millan 1967 (Fossil Plants)

Elias Humberto Alves

February 25, 2024

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

Elias Humberto Alves, Brazilian logician and philosopher (Guaranésia, Minas Gerais State 17 February 1936 – São Paulo 04 November 2013)

Demonstrated the independence of axioms of the propositional calculus C_1 axioms (1976)

Introduced the first systems of natural deduction for the logics C_n

Developed higher-order versions of Da Costa paraconsistent predicate logics

Solved definitely the problem of the decidability of logics C_n based on the semantics of quasi-matrices (1976)

Demonstrated the decidability of the propositional logics C_n (1976)

With A. Loparic modified certain conditions in valuation definition (1980)

With A. Loparic introduced a bivalent semantics and a decision method for Da Costa logics C_ω (1980)

LINKS

http://www.uff.br/ebf/slides/elias_alves.pdf

Elias Ramón de la Sota

June 28, 2024

[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

Dichomopteris hirsutis 1960

Dizeugotheca neuburgiae 1960

Dizeugotheca waltoni 1960

Eligodendron branisae 1966

Millerocaulis herbstii 1963

Millerocaulis sanctaegrucis

Osmundacaulis patagonica 1962

Pecopteris frenguclii

HONOURS

Sotasporites Archangelsky & Archangelsky 2006 (Fossil Sporae)

Eliezer de Carvalho Rios

April 23, 2024

[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

Fusiturricula 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

Petalonchus 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)

Elio García Austt

February 29, 2024

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

Elio García-Austt Negri, Uruguayan neurophysiologist (Montevideo 09 April 1919 – Montevideo 12 August 2005)

ACHIEVEMENTS

First demonstrated strychnine spikes in the chick embryo (1954)

Found that counting repetitive light flashes augmented the visual response (1963-4)

With Rius described the slow response of auditory galvanic stimulation (1965)

First to demonstrate that stimulation of limbic structures provokes dormancy and decreases in electroencephalogram frequency

Developed a technique for diagnosing normotensive hidrocephaly

With P. Handler developed a simple method for magnetic tape recording of bioelectric potentials (1960) and computational procedures in neurophysiology

Elio Massoia

April 3, 2024

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

Elio Massoia, Argentine mammalogist or mastozoologist (Buenos Aires 19 August 1936 – Buenos Aires 22 May 2001)

Authored over 240 scientific works

Developed Kuns-Massoia live trap

DESCRIBED VALID MAMMALIAN TAXA

Genus

Bibimys 1979 (in honor to his daughter Bibiana Massoia)

Species

Bibimys torresi 1979

Necomys temchuki 1982

Oligoryzomys fornesi 1973

Oligoryzomys brendae 1998

HONORS

Massoiamys Vucetich 1978 (Fossil Mammalia)

Elisa Frota-Pessoa

February 28, 2024

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

Elisa Esther Maia Frota-Pessoa, Brazilian physicist (Rio de Janeiro 17 January 1921– Rio de Janeiro 28 December 2018)

Nee Elisa Esther Habbema de Maia from partial French and Dutch ancestry

She was married to physicist Jayme Tiomno in second marriage.

ACHIEVEMENTS

With O. Frota Pessoa. Estudo matemático da disjunção mendeliana. Rev. Fac. Nac. Filosofia (1944)

Suggested parity disintegration with J. Tiomno (1945)

Showed using nuclear emulsions pion disintegration in muon

With Neusa Margem Amato. Sobre a desintegração do méson pesado positivo. Anais Acad. Bras. Ciencias 22:371-83, 1950.

With N. Margem & Mario B. Aragão. A new radioactive method for marking mosquitoes and its application. Proc. Geneve Conference on Peaceful Applications of Atomic Energy. page 40, 1955.

Discovered sum method for analysis of reactions with heavy targets in relation to emergent particles. The discovery was first used in with T. Borello, O. Dietzsch, C.Q. Orsini & E.W. Hamburger. Detecção de Níveis Fracamente Excitados na Reação $\text{Sn}^{122}(\text{d},\text{p})\text{Sn}^{123}$. Ciencia e Cultura 21(2):170, 1969.

With A. Cardoso, R.M.S. Leitão, A. Marques, R. Pimenta, M.Rodrigues & V.C. dos Santos. An instrument for studies in after-effects of nuclear disintegrations (1996)

Discovered more than 100 nuclear levels with other physicists between them many spectral levels with E.W. Hamburger

Elisa G. Nicora

April 9, 2024

[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 boelckei 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 linaerifolius 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

Elliot W. Kitajima

March 2, 2024

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

Elliot Watanabe Kitajima, Brazilian plant virologist and microscopist (Registro, São Paulo State 12 August 1936 –
From Japanese ancestry

Authored about 500 papers with 4,500 citations (Web of Science) and/or 11,000 citations (Google Scholar)

Showed the Citrus tristeza disease virus

With D.M. Silva, A.R. Oliveira, G.W. Muller e A.S. Costa. Thread-like particles associated with tristeza disease of citrus. *Nature* 201:1011-2, 1964

Showed that citrus leprosis is a virosis

With G.W. Muller, A.S. Costa & W. Yuki. Short, rod-like particles associated with Citrus leprosis. *Virology* 50(1):254-8, 1972

Found that citrus leprosis symptoms may be caused by two distinct viruses

With J.C.V. Rodrigues & C.M. Chagas. Brevipalpus-transmitted plant virus and virus-like diseases: cytopathology and some recent cases. *Exper. Appl. Acarol.* 30(1):135-60, 2003

Performed the first studies about lipid droplets in leaf cells of Rubiaceae

With C.C. Landim. Unusual structure of lipid droplets presente in leaf cells of Coffea. *Bragantia* 27(2):78-80, 1968

DESCRIBED NEW VIRUS & DISEASES

With C.M. Kaufmann, A.J. Boari, R. Blawid & T. Nagata. Detection of a new Fabavirus in black pepper by next-generation sequencing (2021)

With R.G. Dietzen, N. Bejerman, Y. Mei, C.L.J. Lee, C. Chabi-Jesus, J. Freitas-Astua & S.M. Veras. Joá yellow blotch-associated virus, a new alphanucleorhabdovirus from a wild solanaceous plant in Brazil. *Arch. Virol.* 166 Suppl.):1-8, 2021

With A.T.M. Lima, A. Orilio, M.M.S. Almeida, C. Rocha, F.M. Zerbini et al. Malvaviscus yellow mosaic virus, a divergent begomovirus carrying a nanovirus-like nonanucleotide and a modified stem-loop structure. *Ann. Appl. Biology* 179(1), 2021

With K.F.C. Pantoja, A. Boari, B.R. De Marchi, J.A.M. Rezende, R. Gonçalves, G.M.L. Assis, R. Blawid & R. Krause-Sakate. Arachis virus Y, a new potyvirus from Brazilian forage peanut (*Arachis pinto*). *Arch. Virol.* 165(2), 2020

With A.E. Faria, E.S. Gorayeb, V.M. Camelo-Garcia, J. Bonin, T. Nagata, J.M. F. Silva, A. Bogo, J.A. M. Rezende & F.N. Da Silva Molecular and biological characterization of a putative new sobemovirus infecting *Physalis peruviana*. *Arch. Virol.* 164:1-6, 2019

With C. Chabi-Jesus, P. Ramos-Gonzalez, A. D. Tassi, O. Guerra-Perlaza, R. Harakava, J. E. A. Bessera Jr, R. B. Salaroli & J. Freitas-Astua. Identification and characterization of citrus chlorotic spot virus, a new dichorhavirus associated with citrus leprosis-like symptoms. *Plant Disease* 102, 2018

With P. Ramos-Gonzalez, C. Chabi-Jesus, O. Guerra-Perlaza, A. D. Tassi, R. Harakava & J. Freitas-Astua. Citrus leprosis virus N: a new dichorhavirus causing citrus leprosis disease. *Phytopathology* 107, 2017

With J.A. M. Rezende, V.M. Camelo-Garcia, S.C.S. Andrade, J.E. Bruriolla & L.M. L. Duarte. Biological and molecular characterization of a putative new potexvirus infecting *Senna occidentalis*. *Archives of Virology* 161:1-5, 2016.

With R.G. Dietzen, J.H. Kuhn, A.N. Clawson, J. Freitas-Astúa, M.M. Goodin, H. Kondo, T. Whetzel & A.E. Whitfield. Dichorhavirus: a proposed new genus for Brevipalpus mite-transmitted, nuclear, bacilliform, bipartite, negative-strand RNA plant viruses. *Archives of Virology* 159:607-19, 2013

With A.S. de Oliveira; F.L. Melo; A.K. Inoue-Nagata; T. Nagata, R.O. Resende & J.M. Qiu. Characterization of Bean Necrotic Mosaic Virus: A Member of a Novel Evolutionary Lineage within the Genus Tospovirus. *Plos One* 7:e38634, 2012.

With V.C. Oliveira, T. Nagata; F.C. Guimarães, F.A. Ferreira, C. Nicolini, R. O. Resende, A.K. Inoue-Nagata. Characterization of a novel tymovirus on tomato plants in Brazil. *Virus Genes* 46:190-4, 2012

With S.C. Maciel, R.F. Da Silva, M.S. Reis, A. Jadao, D.D. Rosa, J. Giampan, J.A.M. Rezende & L. E. A. Camargo. Characterization of a new potyvirus causing mosaic and flower variegation in *Catharanthus roseus* in Brazil. *Scientia Agrícola* 68:687-90, 2011

With K. S. Kubo; P. T. O. Ferreira; B. K. Alcantara; A. J. Boari; R. T. Gomes; J. Freitas-Astua; J. A. M. Rezende; G. J. Moraes & R. B. Salaroli. Clerodendrum chlorotic spot: a disease caused by a nuclear type of *Brevipalpus* (Acari: Tenuipalpidae)-transmitted virus. *Scientia Agrícola* 65:36-49, 2008

With N. Lucinda, T. Nagata, A. K. Inoue-Nagata & R.B. Salaroli. Brugmansia suaveolens mottle virus, a novel potyvirus causing leaf mottling of *Brugmansia suaveolens* in Brazil. *Archives of Virology* 153:1971-6, 2008

With J. Skare; I. Wijkamp, I. Denham, J. A. M. Rezende, J.W. Park, B. Desvoyes, C. Rush, K. Scholthof & H. Scholthof. A new eriophyid mite-borne membrane-enveloped virus-like complex isolated from plants. *Virology* 347 (2):343-53, 2006.

With D. C. Teixeira, J. Ayres, F. A. O. Tanaka, L. Danet, S. Jagoueix-Eveillard & J.M. Bove. First report of a huanglongbing-like disease of citrus in São Paulo State, Brazil, and association of a new Liberibacter species, Candidatus Liberobacter americanus with the disease. Plant Disease 89(1):107, 2005

With T. Nagata, D. M. T. Alves, A. K. Inoue-Nagata, T. Tian, J. E. Cardoso & A. C. Avila. A novel melon flexivirus transmitted by whitefly. Archives of Virology 150:379-87, 2005.

With M. Maccheroni, M. C. Alegria, M. Bar-Joseph, P. Arruda, J. P. Kitajima, F. C. Reinach, J. A. Ferro & A. C. C. Silva. Identification and genomic characterization of a new virus (Tymoviridae family) associated with citrus sudden death disease. Journal of Virology 79(5):3028-37, 2005

With L. D. Mota, M. G. S. D. Vecchia, R. Gioria, J. A. M. Rezende, L. E. A. Camargo & L. Amorim. Paffia mosaic virus: a novel potyvirus found infecting *Paffia glomerata* in Brazil. Plant Pathology 53:368-73, 2004

With M. L. Skotnicki, P. Selkirk, T. P. McBride, J. Shaw & A. Mackenzie; The first subantarctic plant virus report: Stilbocarpa mosaic bacilliform badnavirus (SMBV) from Macquarie Island. Polar Biology 26:1-17, 2003

With T. Nagata, D. M.T. Alves, J. E. Cardoso, A. K. Inoue-Nagata, M. R. V. Oliveira & A. C. Avila. Isolation of a novel carlavirus from melon in Brazil. Plant Pathology , 52(6):977, 2003

With A. M. R. Almeida, S. R. Marin, N. Valentin; E. Bittneck, A.L. Nepomuceno, L.C. Benato, H. V. D. Vliet & F. F. Piuga. Necrose da haste: uma nova virose da soja. Embrapa-Soja Circular Técnica 36:1-11, 2002

With J. Moran, B.V. Rijswijk, V. Traicevski, A. Mackenzie & A. Gibbs. Potyviruses, novel and known, in cultivated and wild species of the family Apiaceae in Australia. Archives of Virology 147(10):1855-67, 2002

With P. E. Meissner Filho & R. O. Resende. Patchouli virus X: a new potexvirus from *Pogostemon clarin*. Annals of Applied Biology 141:267-74, 2002.

With B. M. Ribeiro, P. M. A. Zanotto, S. McDowell & M.L. Souza. Characterization of a baculovirus infecting the passion fruit caterpillar *Dione juno juno*. Biocell 21(1):71-82, 1997

With L. S. Boiteux & M. I. Lima. Giant Calyx: A Disease Of Eggplant (*Solanum Melongena*) Associated With Mycoplasma-like Organisms In Brazil. Plant Pathology 43:751-4, 1994.

With C. R. F. Martins. A Unique Virus From Elephant Grass. Plant Disease 77(7):726-9, 1993

With C. R. F. Martins & A. A. Santos. Identification of a rhabdovirus in soursop (*Annona muricata*). Plant Disease 77(3):276-8, 1993.

With M. E. N. Fonseca, L. S. Boiteux & R. P. Singh. A viroid from *Coleus* species in Brazil. Plant Disease 74(1):80, 1990

With F. H. Valicente, M. J. V. D. Peixoto & E. Paiva. Identificação e purificação de um vírus de granulose em lagarta-do-cartucho do milho. Pesquisa Agropecuária Brasileira 23(3): 291-6, 1988

With J. Mulder, S. G. Ribeiro & M. T. Lin. Characterization of the white clover mosaic virus, isolated from clover (*Trifolium* sp.) in the state of Paraná, Brazil. Fitopatologia Brasileira 12(3):263-9, 1987

With J. O. Munoz & S. F. Nome. Organismo do tipo micoplasma associado al amarillamiento del paraíso (*Melia azedarach*). Fitopatologia Brasileira 12:95-7, 1987

With O. A. Crestani, M. T. Lin & V. L. A. Marinho. Passion fruit yellow mosaic virus, a new tymovirus found in Brazil. Phytopathology 78(9):955, 1986

With J.A. Betti & A.S. Costa. Strawberry veinbanding virus, a member of the cauliflower mosaic group. J. Gen. Virol. 20:117-8, 1973

With V. R. Caetano & A.S. Costa. Espiga branca do trigo, uma possível moléstia de vírus. Bragantia 29: 41-6, 1970

OTHER CONTRIBUTIONS

With K. S. Kubo, J. Freitas-Astúa & M. A. Machado. Orchid fleck symptoms may be caused naturally by two different viruses transmitted by *Brevipalpus*. Journal of General Plant Pathology 75:250-5, 2009

With S. Yamashita & Y. Doi. Comparative electron microscopic observation of viroplasms induced by plant viruses. Japanese Journal of Phytopathology 74:97-109, 2008.

A peculiar type of glycocalyx on the microvilli of the midgut epithelial cells of the thrips *Frankliniella* sp. (Thysanoptera, Thripidae). Cytobiologie 11(2):299-303, 1975

With D. Peters. Purification and electron microscopy of sowthistle yellow vein virus. Virology 41(1):135-50, 1970

DESCRIBED NEW TAXA

With R. E. Davis; Y. Zhao; E.L. Dally, R. Jomantiene; I.-M. Lee & W. Wei. ?Candidatus Phytoplasma sudamericanum?, a novel taxon, and strain PassWB-Br4, a new subgroup 16SrIII-V phytoplasma, from diseased passion fruit (*Passiflora edulis* f. *flavicarpa* Deg.). International Journal of Systematic and Evolutionary Microbiology 62:984-9, 2012

With M. Bakarcic & M.V. Fernandez-Valiela. Association of rickettsialike bacteria with plum leaf scald disease. Phytopathology 65(4):476-9, 1975

Described *Crithidia hutneri* & *C. luciliae thermophila* 1977 with Roitman, Mundim & Azevedo

DEVELOPED METHODS

With G.R. Teresani, E. Bertolini, A. Alfaro Fernandez, C. Martínez, F.A.O. Tanaka et al. Association of “Candidatus Liberibacter solanacearum” with a vegetative disorder of celery in Spain and development of a real-time PCR method to its detection. *Phytopathology* 104(8):804-11, 2014

With J. Freitas-Astua, E.C. Locali, R. Antonioli-Luizoni, G. Astua-Monge, M. L. P. Targon, V. Rodrigues & M. A. Machado. RT-PCR for the simultaneous detection of citrus tristeza and leprosis virus. *Fitopatologia Brasileira* 30(6):669, 2005

With E. Locali, J. Freitas-Astua, A.A. Souza, M.A. Takita, G. Astua-Monge, R. Antonioli & M.A. Machado. Development of a molecular tool for the diagnosis of leprosis, a major threat to the citrus production in the Americas. *Plant Disease* 87:1217-1321, 2003

With C. C. Childers, J. C. V. Rodrigues, K. S. Derrick; C. Rivera & W. Welbourn. A control strategy for breaking the virus-vector cycle of *Brevipalpus* spp. and the Rhabdovirus disease, citrus leprosis. *Manejo Integrado de Plagas, Turrialba*, 60:76-9, 2001

With F. J. Aragão & V. L. A. Marinho. Cactus Virus X in cactaceae in Brazil and a novel method to purify it directly from cactus tissues. *Fitopatologia Brasileira* 18(1):112-7, 1993

With V. L. A. Marinho. Método simplificado de purificação de alguns potyvirus. *Fitopatologia Brasileira* 14(1):91-3, 1989

Rapid detection of plant cell organelles. *Journal of Electron Microscopy* 14(2):122, 1965

A rapid method to detect particles of some spherical plant viruses in fresh preparations. *Journal of Electron Microscopy* 14(2):119-21, 1965

Emprego de um pulverizador de pressão para obtenção de exsudato de plantas. *Bragantia* 20:23-4, 1961

HONORS

Scandem Poster Prize, Scandinavian Society for Electron Microscopy (1999)

Family Kitaviridae Melzer, Freitas Astua, Rodrigues, Roy & Wei 2018 (Virus)

Eloisa Biasotto Mano

April 3, 2024

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

Eloisa Biasotto Mano, Brazilian polymer chemist (Rio de Janeiro 24 October 1924 – Rio de Janeiro 08 June 2019)

Authored 218 papers, 17 books and 4 book chapters

TECHNIQUES/METHODS

With L.C.O. Cunha Lima. New color reaction for glycidic group including cellulose, its ethers and esters. *Rev. Quim. Ind.* 25(290):17-19, 1956

Ensaio rápido de identificação de borracha natural em vulcanizados. *Rev. Assoc. Bras. Quim.* 18(4):223-32, 1959

New colour reaction for methacrylate monomer and polymer identification. *Anal. Chem.* 32:291, 1960

Rapid identification of polyisoprene in cured and uncured compounds. *Chem. Techn.* 32:591-8, 1960

With L.C.O.C. Lima. Rapid identification of cellulose esters and ethers using paper chromatography. *Anal. Chem.* 32:1772-3, 1960

Um novo sistema de organização do ensino prático em química orgânica. *Eng. Quim.* 20(3):19-23, 1968

With R.R. de Almeida. A convenient technique for determination of reactivity ratios. *J. Polymer Science Part 1*, 8:2713-6, 1970

With G.F. de Moraes & L.C. Mendes. Novo método para a identificação de polietileno de baixa densidade.

With B.A. Luis & M.L.C. Mendes. Reação corada para identificação de polímeros estirênicos em artefatos de plásticos e de borracha (1994)

With F. Gustavo & M.L.C. Mendes. Novo método para a identificação de polietileno de baixa densidade, polietileno de alta densidade e polipropileno em artefatos plásticos (1997)

With A.P. Barbosa & C.T. Andrade. Tannin-based resins modified to reduce wood adhesive brittleness. *Forest Products J.* 50(9), 2000

PATENTS/PROCESSES

With L.C.O. Cunha Lima & R.C. R. Nunes. Process for production of cellulose homogenous dispersions and its derivatives in elastomers PI7502614 (1975)

With L. Akcelrud. Process for production of manchões (reinforced repairs) addressed to recovery of rubber articles reinforced with overcast stitches and recovery process of these articles (1977)

With P. Lowenberg. Perfected process for reducing molecular weight of elastomers (1979)

With J.D. Paes & A. Vargas Jr. Process for separation of large spectrum adhesives and application of these adhesives

With E.E.C. Monteiro, M.G. Lachtermacher & E.A. Bugni. Obtaining process of methacrylic polymers in acid medium. PI8403893-4 B1 (1984)

With L.C.O. Cunha Lima. Process to removal fatty contaminants from water surfaces PI8600923-0 B1 (1986)

With C. Bonelli & E. Pacheco. Imawood, a plastic matter alternative to wood (1993)

HONORS

Polymer Bulletin 34(5-6), 1995

Dictionary of Scientific Biography (1995)

International Award, Society of Polymer Science (1998)

Emeritus Member, American Chemical Society (1999)

Elon Lages Lima

March 6, 2024

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

Elon Lages Lima, Brazilian mathematician (Maceió 09 July 1929 – Rio de Janeiro 07 May 2017)

In his Doctoral thesis Duality and Postnikov invariants (1958) introduced the notion of topological space spectrum, receiving comments in History of Algebraic Topology from Jean Dieudonné

Introduced the category $\mathcal{S}p$ of spectra (1958)

Showed that every pair of commuting vector fields on all compact 2-manifolds with non-vanishing Euler characteristic has a common singularity (1963)

Enunciated Lima theorem

Common singularities of commuting vector fields on 2-manifolds. Comment. Math. Helvet. 39:97-110, 1964.

Proved that a complete hypersurface of Euclidean space is a border of a convex body (with M.P. do Carmo and independent of Sacksteder)

Proved the Jordan-Brouwer separation theorem for equilibrium compact manifolds (1988)

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 turma 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)

Elsa Rossi de Garcia

February 29, 2024

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

Elsa Rossi de Garcia, Argentine paleontologist (fl.1959–83)

DESCRIBED FOSSIL TAXA

Ostracoda

Suborder

Cuyanocopina 1975

Superfamilies

Beecherellidacea 1975

Celechovitacea 1975

Families

Celechoviteidae 1975

Platibolbidae 1975 with Proserpio

Proparaparchitidae 1975 with Proserpio & Nuñez

Genera

Argencytheretta 1969

Argentinites 1975 with Baldi

Baldiscella 1975

Bernardites 1976 with Proserpio

Bertelsiana 1980 with Proserpio

Bilobeyrichia 1975 with Baldi

Cribobolbina 1979 with Proserpio

Cuvillierina 1972

Dillobellopsis 1975 with Baldi

Furchesia 1975 with Proserpio

Grekoﬀiana 1969

Kloedellopleura 1975 with Baldi

Leanzacythere 1976 with Leanza

Masiukcythere 1967

Nortite 1976 with Proserpio

Novocythere 1972

Nugnela 1975 with Proserpio

Platibolba 1972 with Baldi

Platybolina 1975 with Proserpio

Saltite 1976 with Proserpio

Seudomacronotella 1975 1975 with Proserpio

Sohniella 1979 with Proserpio

Zygobolbinella 1975 with Proserpio

Others

Neovenericor 1980 with Levy (Bivalvia)

Polanskiella 1983 (Hymenoptera)

HONORS (Fossil Ostracoda)

Garciana Schallreuter 1994

Garciaella Ding & Honigstein 1994

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

Elsie Elizabeth Esterhuysen

February 27, 2024

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

Elsie Elizabeth Esterhuysen, South-African botanist (1912 – 2006)

DESCRIBED PLANT TAXA

Genus

Nevillea 1984 with Linder (Restionaceae)

Species

50 in Restionaceae

2 in Ericaceae

1 in Rutaceae

HONORS

Esterhuysenia L. Bolus 1967 (Aizoaceae)

Trieneea Hilliard 1989 (Scrophulariaceae)

Elsimar Coutinho

February 26, 2024

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

Elsimar Metzker Coutinho, Brazilian gynecologist (Pojuca, Bahia State 18 May 1930 – São Paulo 17 August 2020)

From Portuguese and Austrian descent

Authored over 350 papers and 10 books

ACHIEVEMENTS

First to report myoma regression followed by pregnancy (1982)

Described the role of calcium and magnesium ion like secondary agents of progesterone action

Described action of gestrinone in the non-surgical treatment of fibroid tumours

Described the contraceptive effects of medroxyprogesterone

Discovered the contraceptive effects of gossypol that lead to first male non-hormonal contraceptive pill

DEVELOPED

Treatment of infertility provoked by endometriosis and myomatosis

The first contraceptive pill containing Norgestrel (1966) with J.O. de Souza

The first contraceptive pill of reduced dosage

The first injectable contraceptive of long action (Depo Provera) 1960s

First injectable contraceptive (Ciclofem)

Pills for oral and vaginal administration (Lovelace is a subcutaneous prolonged effect contraceptive vaginal pill)

Subcutaneous hormonal implants with long action

The first male contraceptive (gossypol based) in 1970s

Drugs that stimulate pregnancy preventing premature labor and spontaneous abortion

Drugs that prevent pregnancy

Drugs for treatment with hormone replacement in both sex

Intrauterine dispositifs like Cruz de Lorena and Cruz de Caravaca

A new treatment for endometriosis employing gestrinone

LINKS

<http://www.elsimarcoutinho.com/>

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 Braggs 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)

Dois 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 August Goeldi

February 29, 2024

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

Emil August Goeldi, Swiss / Brazilian naturalist (Ennetbuhl, Sankt Gallen Canton 28 August 1859 – Berne 05 July 1917)

DESCRIBED NEW TAXA

Mammalia

Genus

Euryzygomatomys 1901

Species

Saguinus imperator 1907

Subspecies

Saguinus imperator imperator 1907

Saguinus labiatus thomasi 1907

Sciurus (Guerlinguetus) gilvularis paraensis 1904 with Hagmann

Aves

Species

Galbalcyrhynchus purusianus 1904

Subspecies

Lepidothrix coronata caelestipileata 1905

Amphibia

Species

Trachycephalus resinifictrix 1907

Pisces

Genus

Phreatobius 1905

Species

Phreatobius cisternarum 1905

Arachnida

Genera

Cimarus 1893

Octytus 1893

Species

At least 21

Others

Genus *Meloidogyne* 1889 (Nematoda)

Subgenus *Haematomyidium* 1905 (Diptera)

HONORS

Goeldia Keyserling 1901 (Arachnida)

Maorigoeldia Edwards 1930 (Diptera)

Goeldichironomus Fittkau 1965 (Diptera)

Goeldiella Eigenmann & Norris 1900 (Pisces)

Subgenus *Ctenogoeldia* Edwards 1930 (Diptera)

Emil Bose

February 26, 2024

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

Emil Bose (Boese), German-born Mexican geologist and paleontologist (Hamburg 08 June 1868 – Nuevo Laredo, Tamaulipas State 08 November 1927)

With E. Wittich first to describe eugeosynclinal sequence (1913)

DESCRIBED FOSSIL TAXA

Mollusca

Genera

Adkinsia 1928

Budaiceras 1928

Coahuilites 1928

Marathonites 1917

Perrinites 1917

Plesioptygmatis 1906

Prothalassoceras 1917

Uddenites 1917

Vidrioceras 1917

Species

At least 146

Brachiopoda

Genera

Pseudokingena 1900 with Schlosser

Rhynchonellopsis 1894

Species

5

HONORS (Mollusca)

Boesites Miller & Furnish 1940

Emilites Ruzhencev 1938

Subg. *Boesites* Young 1968

LINKS

[https://satori.geociencias.unam.mx/15-1/\(1\)Seibertz_1.pdf](https://satori.geociencias.unam.mx/15-1/(1)Seibertz_1.pdf)

Emil Sabbaga

June 28, 2024

[Bibliography](https://neglectedscience.com/category/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, 28th International Congress of Transplants, Rome (2000)

Invited Member, American Society of Transplantation Society

Emilie Snethlage

June 28, 2024

[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 Antonio Maury

April 3, 2024

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

Emilio Antonio Maury, Argentine arachnologist (Buenos Aires 25 June 1940 – 28 June 1998)

Recognized as world expert on Solifugae

Authored about 80 works

DESCRIBED ARACHNIDA TAXA

Genera

Brachistosternus 1973

Chileotrecha 1987

Eutreacha 1982

Incasarcus 1998 with Kury

Latigenes 1975

Leptosternus 1973

Microsternus 1973

Ministernus 1973

Nahuelonyx 1988

Nothopuga 1976

Orobothriurus 1975

Osornogyndes 1993

Picunchenops 1988

Syndaesia 1980

Valdesia 1981

Valdivionyx 1988

Xenotrecha 1982

Species

About 30

Emilio Bruno Germek

February 29, 2024

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

Emilio Bruno Germek, Brazilian agronomist (São Paulo 17 May 1913 – Campinas, São Paulo State 30 January 2009)

From Austrian father and Italian mother

Authored over 100 scientific and popular articles

Pioneer in applying of nitrogenous manures on coatings of extensive annual farming of barren rice (1949)

DEVELOPED

Crops

Rice cultivars (IAC 1, 2, 3, 4, 5, 6, 7, 8, 9, 120, 435, 1246, Perola (1942), Iguape Cateto, Iguape Agulha, Nira, Iola, Matão, Fortuna & Golden Precocius)

A guandu variety (*Cajanus indicus* Spreng.)

Methods

A crossbreeding process of *Bougainvillea* in Hibridação de *Bougainvillea* (*B. spectabilis* Willden.). *Bragantia* (1958)

An amelioration method based on crossings, hybrid lots and lineages selection for barren rice

A new system of herbaceous grafting for kiwi plant

Metodologia para a obtenção de clones de morangueiro (Method for strawberry cloning). *Anais Congr. Bras. Fruticultura* 5 (1979)

Processo eficiente para produção de mudas para progênies. *Bragantia* 2:515-20, 1942

Emprego do laminado plástico vinílico com o amarelo na enxertia. *Bragantia* 11 (1950)

Devices

With R. Forster & A. Tosello. Cortador de profundidade. Um instrumento útil para trabalhos agrícolas. *Bol. Agric.* 24(5-6), 1950

Dois utensílios para auxiliar a instalação de renques de sustentação de plantas. *O Agrônomo* 29/30:1977-8

Emilio Hassler

February 29, 2024

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

Emil Hassler, Swiss-born Paraguayan physician and botanist (Aarau, Aargau Canton 20 June 1864 – Asunción 04 November 1937)

Performed botanical, zoological and ethnographical collections

DESCRIBED VALID PLANTAE GENERA

Bastardiopsis 1910

Blanchetiastrum 1910

Casimirella 1913

Dolichopsis 1907

Euglypha 1906 with Chodat

Lycianthes 1917

HONORS

Hassleria Jorgensen 1934 (Lepidoptera)

Emilio Henrique Baumgart

February 26, 2024

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

Emilio Henrique Baumgart, Brazilian civil engineer (Blumenau, Santa Catarina State 25 June 1889 – Rio de Janeiro 09 Oct 1943)

Son of German father

ACHIEVEMENTS

Created successive fluctuations system applied to building bridges and related in reinforced concrete (1930); the process gained international fame and was applied later to Alveley bridge, England (1937)

Built A Noite edifice (Rio de Janeiro), world's highest building in reinforced concrete of its day (1931) and the Emilio Baumgart bridge (Santa Catarina), the world's largest free span of this day in straight truss of full span

Built the Railway bridge on Mucuri river, world Record for straight beam for this kind of bridge (1937-9)

Designed the world's first hangar door with pivotant leaves in reinforced concrete (1929-30) at Campo dos Afonsos District, Rio de Janeiro

Built As Oficinas Gerais do Campo dos Afonsos (Rio de Janeiro) that display a number of innovations (1931)

Introduced innovations in design, calculation and making of reinforced concrete

Introduced falsework in a wooden bow without intermediate support

A new kind of retaining walls of reinforced concrete

Used independent negative reinforcement in slabs

Introduced trusses and columns in L and T sections

Conceived the use of reinforced concrete trusses as a arch centering (1938)

TRIVIA/CURIOSITIES

Despite the world fame that gained he didn't publish any paper or technical note. He gained fame when Norwegian engineer Rolf Schjoedt published a detailed article about the bridge that built in 1930 in "Long Rigid Frame Bridge Erected by Cantilever Method". Engineering News Record p.208-9, 1931.

Emilio Lluís Riera

March 6, 2024

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

Emilio Lluís Riera, Spanish-born Mexican geometer (Roquetas, September 1925–

ACHIEVEMENTS

Obtained classical results in algebraic geometry

Introduced strange varieties

Demonstrated that every variety of dimension without singularity may submerge itself in a projective space of dimension $2r+1$ and by means of projections

Demonstrated that varieties with singularities may protrude in spaces of dimension less than or equal to a maximum of $r+d+1$ and $2r+1$ being d the maximum dimensions of Zariski tangent spaces to variety

With H. Cardenas, A.G. Raggi-Cardenas & R. san Agustín developed a diagram for the partial linear space T (Omega-Omega")

Eponym of Bertini-Lluís theorem

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 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](#) 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](#) 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)

Encarnacion Rosa Guaglianone

February 29, 2024

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

Encarnación Rosa Guaglianone, Argentine botanist (9 de julio, Buenos Aires Province 15 April 1932 – Buenos Aires 12 October 2014)

DESCRIBED PLANTAE TAXA

Genus

Oreobolopsis 1988 with Koyama

Sections

Hirtellum 1972

Inodorum 1972

Species

Carex subandrogyna 2003 with Wheeler

Cyperus burkartii 1991

Eleocharis cordillerana 2008 with S. Gonzalez & Ruthsatz

Eleocharis pseudoalbibracteata 2009 with S. Gonzalez

Ipheion dialystemon 1971

Oreobolopsis tepalifera 1988 with Koyama

Rhynchospora barrosiana 1979

Rhynchospora iberiae 1982

Rhynchospora latibracteata 2001

Rhynchospora pedersenii 2001

Rhynchospora pseudomacrostachya 2003 with Moore & Zartman

Smilax pilcomayensis 1991 with Gattuso

Trichopetalum chosmalensis 2003 with Belgrano

HONORS

Rhodoscirpus Lev-Bourret, Donadio & Starr 2015 (Cyperaceae)

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)

Ennio Cosimo Damião Barbato

February 26, 2024

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

Ennio Cosimo Damião Barbato, Brazilian cardiologist (São Paulo 23 June 1919 – São Paulo 22 March 1966)

Authored about 60 works

Worked in Instituto de Cardiologia (Mexico) and Michigan University (USA)

ACHIEVEMENTS

Attempted determining blood temperature in cardiac cavities, used in some European clinics.

First to study intracavitary electric potentials

Published with eminence Electrocardiographic Epicardic Mapping by direct electrodes in Circulation review.

SOME BIBLIOGRAPHY

With Zarco Caramelli. Significado Clínico da Nomenclatura Eletrocardiográfica, 1962 (book).

A study on the ventricular excitation of the human heart. I-The spread of the stimulus in the normal heart. IV Congresso Interam. Cardiol. Buenos Aires, 1952.

Pneumonia e Cor Pulmonale crônico esquistossomótico. Arqu. Bras. Cardiol. 3:195-305, 1953.

With F. Pileggi, A.C. Debes, T. Fujioka, M.S. Magalhães, J. Tranchesì, E. san Juan & L.V. Décourt. Study of the sequence of ventricular activation and the QRS complex of the normal heart using direct epicardial leads. Am. Heart J. 55:867-80, 1958

With A.C. Debes, T. Fujioka, F. Pileggi, E.J. Zerbini & L.V. Décourt. Direct epicardial and thoracic leads. Their relationship in man. Am. Heart J. 58:238, 1959.

With H. Haebisch, T. Fujioka, F. Pileggi & L.V. Décourt. Schistosomal cor pulmonale. Postgrad. Med. 32:246-52, 1962.

With U. Pasini, E.T. Carvalho Jr., L. Valada, F. Pileggi & L.V. Décourt. Electroencephalographic changes in patients with paroxysmal cardiac arrhythmias. Arqu. Bras. Cardiol. 20:71, 1967.

Enrique Acosta Mayor

February 25, 2024

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

Enrique Acosta Mayor, Cuban microbiologist (La Habana 15 April 1861- La Habana 16 October 1911)

A new procedure for preparation of gelatin of culture media

With F. Grande. Medios de cultivo. Nuevo procedimiento para preparar a gelatina. Cron Med-Cir. 14, 1892

With F. Grande Rossi described the fungal species *Cladothrix invulnerabilis* (1893)

With F. Grande. Ureometro pratico (1892)

With J.N. Davalos developed an improved procedure of Emile Roux for production of antidiphtheria vaccine (praised by Roux) (1894)

Enrique Balech Capdeville

February 26, 2024

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

Enrique Balech Capdeville, Argentine planktologist and oceanographer (Telen, La Pampa 17 August 1912 – Necochea, Buenos Aires 26 August 2007)

From French parents

ACHIEVEMENTS

Described surface currents in southwestern Atlantic based on biogeographic studies of dinoflagellates later confirmed

Nuevas contribuciones a los esquemas de circulación oceánica frente a La Argentina. *Anais da Academia Brasileira de Ciencias* 37(2);159-66, 1965.

Regarded as a world authority in Dinophyceae

Modified Kofoed's plate tabulation system

First to recognize heterogeneity of genus *Gonyaulax* and proved the existence of a sulcus in *Podolampas*.

DESCRIBED DINOPHYCEAE/DINOFLAGELLATA TAXA

Families

Protoperidiniaceae 1988

Thecadiniaceae 1956

Genera

Adenoides 1956

Clevea 1948

Ensiculifera 1967

Fragilidium 1959

Neobursaridium 1941

Oblea 1964

Plagiodinium 1993 with Faust

Prodinophysis 1943

Pseudometacylis 1968

Roscoffia 1956

Schuettiella 1988

Scrippsiella 1959

Stylicauda 1951]

Species

About 210

Subspecies & Varieties

At least 23

HONORS

Honored in genus *Balechina* Loeblich Jr. & Loeblich III 1968 (Dinophyceae)

LINKS

[HTTP://www.obs-vlfr.fr/LOV/aquaparadox/html/PFD/taxonomic%20Monographs/BalechObit.pdf](http://www.obs-vlfr.fr/LOV/aquaparadox/html/PFD/taxonomic%20Monographs/BalechObit.pdf) See <http://www.obs-vlfr.fr/LOV/aquaparadox/html/PFD/taxonomic%20Monographs/BalechObit.pdf>.

Enrique Beltrán Castillo

February 26, 2024

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

Enrique Beltrán Castillo, Mexican protozoologist and conservationist (Ciudad de Mexico 26 April 1903 – Ciudad de Mexico 23 October 1994)

Problemas en el cultivo de los tripanosomatídeos y presentación de un nuevo medio esterilizable al autoclave. Gac. Med. Mex. 82(4):327-30, 1952

Papers in Science

With L. Vargas. *Culex quinquefasciatus*, a new vector of *Plasmodium gallinaceum*. Science 94:389-90, 1941

The correct names of the parasites in human malaria. Science 100:384-5, 1944

DESCRIBED PROTOZOAN SPECIES

Gruberia calkinsi 1933

Opalina hylaxena 1925

Zelleriella bolivari 1941

HONORS

Enriquebeltrania Rzedowski 1980 (Euphorbiaceae)

Subg. *Beltranmyia* Vargas 1953 (Diptera)

LINKS

<http://repositorio.fcien.unam.mx:8080/jspui/bitstream/11154/143236/1/30VCurriculumVitae.pdf> (Curriculum Vitae)

Enrique Benjamín del Castillo

February 27, 2024

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

Enrique Benjamín del Castillo Mallea, Argentine clinical endocrinologist (Mendoza 14 December 1897 – Buenos Aires 30 June 1969)

Authored over 200 papers and 7 books

Described Ahumada-del Castillo syndrome

Sobre un caso de galactorrea y amenorrea. Bol. Soc. Obst. Ginecol. Buenos Aires 11:64-72, 1932

With A. Lanari. Síndrome caracterizado por crecimiento exagerado, amenorrea y galactorrea. Semana Medica 1:1905, 1933

Described Del Castillo-Trabucco-Balze syndrome

With Armando E. Trabucco & F.A. de la Balze. Syndrome produced by absence of germinal epithelium without impairment of Sertoli or Leydig cells. J. Clin. Endocrinol. 7:493-502, 1947

Observed that sex cycle could be seen in urinary sediment what gave rise to urocytogram

Found the changes observed in smears of the urinary sediment closely parallel those seen in vaginal smears

With J. Argonz & C. Galli-Mainini. Cytological cycle of the urinary sediment and its parallelism with the vaginal cycle. J. Clin. Endocrin. 8:76, 1948

With J. Argonz & C. Galli-Mainini. Smear from the female urethra and their relationship to smears of the urinary sediment. J. Clin. Endocrin. 8:1362, 1949

Demonstrated that daily injections of estrogens during a period of several months to female castrated rats produced the periodic appearance of vaginal estrus separated by diestrus lasting several days

With C. Calatroni. Cycle sexuel periodique et folliculine. Compt. Rend. Soc. Biol. 104:1024, 1930

With G. di Paola confirmed the induced vaginal cycle by estrogens in the woman (1941)

Described hypertrophies of sub-maxillary glands in distinct endocrine states

Enrique Cabrera

February 26, 2024

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

Enrique Cabrera Cosío, Mexican cardiologist (Ciudad de México 15 July 1917 – Moscow 09 January 1964)

Demonstrated that Einthoven triangle is not an equilateral triangle (1945)

With Sodi Pallares, Vizcaino & Soberón showed intracavitary potential in man and dog under normal conditions (1947)

With Sodi Pallares enunciated the concept of endocardioelectric deductive electrocardiography

First related hemodynamics to electrocardiography (1950-2)

Introduced the physiologic, clinical and electrocardiographic data for systolic and diastolic overloading

With J.R. Monroy Jr. Systolic and diastolic loading of the heart. I. Physiologic and clinical data. Am. J. Heart 43:661-8, 1952

With J.R. Monroy Jr. Systolic and diastolic loading of the heart. II. Electrocardiographic data. Am. J. Heart 43:669-86, 1952

Demonstrated the physiopathology of clinical auricular flutter

First recognized that Q increases (in magnitude) in diastolic overloads of left ventricle and decreases in systolic ones in Diagnostic contribution of the vectocardiogram in hemodynamic overloading of the heart (1960)

Authored La Teoría y práctica de la Electrocardiografía (Theory and Practice of Electrocardiography), translated into many languages such as French and Italian (1958)

EPONYMY

Cabrera-Friedland sign (1953)

Cabrera presentation

Cabrera criterion

Cabrera index

Enrique Chavira

February 26, 2024

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

Enrique Chavira Navarrete, Mexican astronomer (Ciudad de Mexico 05 June 1925 – Tonantzintla, Puebla State 23 November 2000)

Codiscovered the Haro-Chavira comet (1954)

With G. Haro & B. Iriarte discovered a great number of planetary nebulae or T-Tauri stars

With S. Torres & G. Haro. A fluor-like new variable star in Orion. Infor. Bull. Variable Stars (1985)

DISCOVERED NEW STARS (with B. Iriarte)

New blue giants between galactic coordinates $l=345^\circ$ to $l=35^\circ$. Bol. Obs. Tonantzintla Tacubaya 2(11):27, 1954 (176)

Gigantes azules entre $l=330^\circ$ y $l=35^\circ$. Bol. Obs. Tonantzintla Tacubaya 2(13), 1955 (110)

Nuevas estrellas de tipos espectrales tempranos con $H\alpha$ en emission entre $l=338^\circ$ y $l=33^\circ$. Bol. Obs. Tonantzintla Tacubaya 2(13), 1955 (79)

Lista de estrellas con $H\alpha$ en emission entre $l=338^\circ$ y $l=33^\circ$. Bol. Obs. Tonantzintla Tacubaya 2(14), 1956 (58)

Estrellas azules en el casquete galactico norte. Bol. Obs. Tonantzintla Tacubaya 2(16), 1957 (817)

Enrique de Carles

February 26, 2024

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

Enrique de Carles, Spanish-born Argentine geologist and traveling naturalist (1861?-1934)

SOME BIBLIOGRAPHY

Noticias sobre un viaje a Tarija (Bolivia). Boletín Inst. Geogr. Arg. 9:35-40, 1888

Ensayo geologico descriptivo de las guayquerias del sur de Mendoza (Depto. de San Carlos). Anal. Mus. Hist. Nat. Buenos Aires 22:77-95, 1911

Contribución al estudio de las geodas ferruginosas de entre Ríos, Corrientes, Misiones, etc., a proposito de varias coleccionadas por la comisión exploradora a laguna Iberá, bajo los auspicios de la Sociedad Científica Argentina. Anal. Mus. Hist. Nat. Buenos Aires 23:411-5, 1912

Breve noticia sobre los sedimentos cuaternarios com restos humanos y animales extinguidos del Rio Dulce. Physis 2(10):169-71, 1916

Relación acerca de los yacimientos fosilíferos de Arroyo Frías y sedimentos de las barrancas del Río Paraná al norte sur de Santa Fe. Anal. Mus. Hist. Nat. Buenos Aires 945-52,

HONORS

Carlesia Kraglievich 1926 & *Dicarlesia* Huene 1931 (Fossil Mammalia)

Enrique Del Solar

February 27, 2024

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

Enrique Manuel Del Solar Caceda, Peruvian fisheries biologist (Ica 05 November 1911 – Miami, United States 1990)

SOME BIBLIOGRAPHY

Ensayo sobre la ecología de la anchoveta. Bol.Comp. Adm. Guano 18:3-23, 1942

With F. Blancas S. & R. Mayta L. Catalogo de crustáceos del Peru, 1970

Crustaceos braquiuros (cangrejos), anomuros y estomatopodos em las zonas nerito-pelágicas y litoral de Tumbes. Bol. Soc. Geogr. Lima 89:40-48, 1970

Addenda al catalogo de crustáceos del Perú. Inf. Inst. Mar. Peru 38:1-21, 1972

La merluza (*Merluccius gayi* Guichenot) como indicador de la riqueza biotica de la plataforma continental del norte del Peru. Publ. Soc. Nac. Pesqu.

HONORS

Delsolaria Garth 1973 (Crustacea)

Enrique Ecker

February 27, 2024

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

Enrique Eduardo Ecker, US/Caribbean immunologist and microbiologist (Willemstad, Curaçao 26 January 1887 – Cleveland, Ohio 05 March 1966)

Developed new methods

Developed famous Rees-Ecker method for platelet counting and Rees-Ecker fluid

With H.M. Rees. Improved method for counting blood platelets. JAMA 80:621-2, 1923.

With L. Pillemer. An inexpensive method for the dehydration and preservation of complement and other biological materials. Am. J. Public Health 28(10):1231-2, 1938.

With B. Likover. A micro method for the determination of the albumin-globulin ratio in guinea pig serum. J. Lab. Clin. Med. 32:1500-2, 1947.

With C.W. Hiatt. A method for the quantitative measurement of complement-fixation. Amer.J. Clin. Pathol. 19:141-51, 1949.

With K. Sassano. A rapid method for preparing antigens from normal heart muscle.

Studies in leukemia. IV. Improved electrometric method. Lab. Invest. 6(2):118-24, 1957

With C.W. Hiatt & L.M. Barr. A method of determining the distribution of erythrocyte fragility in human blood. Am. J. Clin. Pathol. 19(3):259-64, 1949

A new Constant in human blood plasma. Anales R. Acad. Nac. Med. 68(1):167-86, 1951

Enrique Forero

February 28, 2024

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

Enrique Forero Gonzalez, Colombian botanist (Bogotá 07 December 1942 – Bogotá 05 September 2023)

DESCRIBED PLANTAE TAXA

Genus

Pseudomonotes 1995 with Londoño & Alvarez

Sections

Rourea sect. *Cordatae* 1976

Rourea sect. *Multifoliolatae* 1976

Species

Ampelocera macrocarpa 1984 with Gentry

Calliandra juliana 2001 with Brunner

Calliandra liesneri 2001 with Brunner

Calliandra phaeothrix 2001 with Brunner

Calliandra urimana 2001 with Brunner

Cojoba longipendula 1984 with Gentry

Connarus bracetoso-villosus 1981

Connarus celatus 1980

Connarus ciordatus 1984 with Vidal & Carbonó

Connarus elsae 1981

Connarus guggenheimii 1980

Connarus jaramilloi 1980

Connarus marleneae 1980

Connarus perturbatus 1980

Connarus portosegurensis 1980

Connarus renteriae 1984 with Carbonó

Connarus rigidus 1980

Connarus xylocarpus 1984 with Vidal & Carbonó

Jacaratia chocoensis 1984 with Gentry

Neoptychocarpus chocoensis 1984 with Gentry

Passiflora quimbayensis 2018 with Ocampo

Pitcairnia altoatratoensis 1987 with Varad

Pitcairnia jaramilloi 1987 with Varad

Pseudomonotes tropenbosii 1995 with Londoño & Alvarez

Rourea accrescens 1976

Rourea araquaensis 1976

Rourea bahiensis 1976

Rourea carvalhoi 1984 with Cabonó

Rourea luizalbertoi 1984 with Vidal & Carbonó

Rourea macrocalyx 1984 with Carbonó

Rourea omissa 1976

Rourea paraensis 1976

Rourea prancei 1976

Rourea psammophila 1976

Rourea pseudogardneriana 1984 with Carbonó

Rourea vulcanicola 2007

Stryphnodendron campestre 1972

Subspecies

Stryphnodendron guianense subsp. *glandulosum* 1972

Varieties

12

HONOURS

Cavendishia Sect. *Foreroa* Luteyn 1983 (Ericaceae)

Enrique Gaviola

February 29, 2024

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

Ramón Enrique Gaviola Fornes, Argentine optical physicist and astronomer (Rivadavia, Mendoza Province 31 August 1900 – Mendoza 07 August 1989)

Authored over 60 scientific works

ACHIEVEMENTS

Atomic Physics

Built the first phase-shift fluorimeter and performed the first successfully direct measurements of fluorescence lifetimes

Ein fluorimeter. Apparat zur Messung von Fluoreszenzabklingungszeiten. Zeit. F. Physik 42:1853-61, 1927

Established concept of lifetime of excited atoms

With Lawrence Hafstad and Merle Tuve built a precursor of modern particle accelerators (1928)

Authored the first experimental work about stimulated atomic emission

An experimental test of Schrödinger's theory. Nature, 1928

Optics

Developed Strong-Gaviola method, a differential method for covering surfaces with localized depositions

With J. Strong. On the figuring and correcting of mirrors by controlled deposition of aluminum. JOSA 26:153, 1936

Described the procedure for quantitative application of the knife-edge setup

On the quantitative use of the Foucault knife-edge test. JOSA 26:163, 1936

A new method for testing Cassegrain mirrors. J. Opt. Soc. America 29:480, 1939

Developed Gaviola-Platzeck caustic test

With R. Platzeck. On the errors of testing and a new method for surveying optical surfaces and systems. Journal of the Optical Society of America 29:484-500, 1939

Introduced concept of quality in analysis of covering material on telescopic surfaces

Introduced differential technology in configuration of reflecting surfaces for telescopic mirrors

Proposed adaptative optics of telescopes

With R. Platzeck designed the first all-reflection optics spectrograph known as Platzeck-Gaviola spectrograph (1943)

Developed Platzeck Non-focal Method

With A. Maiztegui & R. Platzeck. Non-focal methods for determining 2nd and 3rd contacts in total-center and angular solar eclipses. Veroff.Finn.Geod.Inst. 36:191-208, 1949

Developed methods for measuring curvature radii in mirror surfaces

Astronomy

Named Homunculus to a nebula region around star Eta Carinae (1945). Published in Rev. Astronomica 18:25, 1946

Demonstrated that Northern Chile have sky of very high quality and proposed the building of an international observatory (1956)

Proposed Gaviola observation method for eclipses

HONORS

Asteroid Gaviola 2504

Enrique Herrero Ducloux

February 29, 2024

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

Enrique Herrero Ducloux, Spanish-born Argentine chemist (Navarra Province, Spain 06 January 1877 – La Plata, Buenos Aires Province 23 July 1962)

Showed the presence of alkaloids in many species of Cactaceae

First showed the existence of ruthenium and osmium elements in a meteorite

Performed first petroleum analyses from several oil seeps

SOME BIBLIOGRAPHY

With P. Lavenir. Contribución al estudio de la composición de las aguas superficiales y subterráneas de la Republica Argentina (1905)

El hierro meteórico de la Puerta de Arauco (Prov. De La Rioja). Rev. Museo La Plata 15:84-90, 1908

With F. Outes & H. Bucking. Estudio de las supuestas escorias y tierras cocidas de la serie pampeana de la Republica Argentina (1908)

Contribución al estudio de la *Micromeria eugenoides* (Hieronymus) Muñamuña 1911

With M.L. Cobanera. Datos sobre la acción de las sales de cobalto y vanadio en los vegetales (1911)

With L. Herrero Ducloux. Datos analíticos de la yerba mate y sus falsificaciones. Rev. Museo La Plata (1915)

Interpretación química de la función clorofiliana (1916)

Aguas minerales alcalinas de la Republica Argentina. Rev. Museo La Plata 14 2nd serie:95-152, 1916

Nota sobre el empleo del cloruro cesico en microquímica (1922)

Tres nuevos meteoritos del Museo Nacional de Historia Natural de Buenos Aires. Anal. Mus. Nac. Hist. Nat. Bs. Aires 34:597-601, 1929

Contribución al estudio de la pata del monte (*Ximenia americana* L.)

With M. Awschalom. Datos químicos sobre la *Rapauca laetevircus* Mez.

With M. Awschalom. Estudio químico de los tubérculos de *Nephrolepis cordifolia* Presl

Enrique Hong

August 20, 2024

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

Enrique Hong Chong, Mexican pharmacologist (Tampico, Tamaulipas State 11 June 1938 –
From Chinese ancestry

Contributions

Stimulation of central serotonin receptors as a novel mechanism of antihypertensive activity (1983)

With P. Nava Felix. Nature of the central serotonin receptors mediating hypotension. *J. Cardiovasc. Pharmacol.* 1(4):461-6, 1979

Described and characterized new drugs

Described zolertine, an antihypertensive agent with a special profile of an adrenergic blocking action (1965)

With R. Rodríguez, H. Vidrio & E.G. Pardo. Pharmacology of a group of phenylpiperazine tetrazole derivatives with adrenergic blocking actions. *J. Pharmacol. Exper. Therapy* 148(1):54-65, 1965

With H. Vidrio, R. Rodríguez, J.L. Magaña, R. Vargas & R.G. Pardo. General pharmacology of zolertine, a new antihypertensive agent. *Gac. Med. Mexico* 98(9):1218-41, 1968

Described quipazine, the first synthetic serotonin agonist that was able to be absorbed from the oral route and to penetrate the blood brain barrier

With L.F. Sancilio, R. Vargas & E.G. Pardo. Similarities between the pharmacological actions of quipazine and serotonin. *Europ. J. Pharmacol.* 6(3):274-80, 1969

with R. Rion & H. Vidrio, described Indorenate (TR3369), an agonist of 5-HT_{1A} receptors with central antihypertensive properties

With P. Nava Felix & H. Vidrio. Central antihypertensive effect of a new tryptamine derivative. *Pharmacologist* 20(3):188, 1978

Described rioprostil, a prostaglandin-like drug

With D.A. Shriver, M.E. Rosenthale, H.C. Kluender, R.N. Schut & J.L. McGuire. Pharmacology of rioprostil, a new gastric cytoprotective/antisecretory agent. *Drug Research* 35(5):839-43, 1985

Described pelanserlin

With F.J. Flores Murrieta & G. Castañeda Hernandez. Sensitive high-performance liquid chromatographic assay of pelanserlin, a novel antihypertensive agent, in plasma samples. *J. Chromat. B. Biomed. Sci. Appl.* 428:167-72, 1988

With H. Vidrio & M.A. Mena. Antiarrhythmic activity of TR2985, a novel diphenylhydantoin derivative (1980)

With G. Reyes & T. Ramírez. Distinct cardioselectivity of TR2732, a new beta adrenergic blocking agent. *Proceed. West Pharmacol. Soc.* 34:141-4, 1991

With J.A. Terrón, F.J. López Muñoz & C.M. Villalon. 2-(2-aminoethyl)-quinoline (D-1997): a novel agonist at 5-hydroxytryptamine 1-like receptors in the canine basilar artery. *Arch. Intern. Pharmacodyn. Therapie* 327(1):56-68, 1994

OTHER CONTRIBUTIONS (methods and models)

Indorenate, an useful tool to detect several 5-HT-related pharmacological activities. *Acta Pharmacol. Sinica* 27(9):1273, 2006

With R. Rodríguez, I. Rodríguez Boscan, D. Lugo Sira, H. Vidrio, M. Medina & I. Herrera. Bilateral sequential common carotid artery sectioning in mice as a new model for testing neuroprotective drugs. *J. Stroke Cerebrovasc. Dis.* 9(1):45-53, 2000

With F.J. Flores-Murrieta & V. Granados Soto. Determination of ketorolac in blood and plasma samples by high-performance liquid chromatography. *Bol. Chim. Farmac.* 133(9):588-91, 1994

With F.J. Flores-Murrieta & V. Granados Soto. A simple and rapid method for determination of fluconazole in human plasma samples by high-performance liquid chromatography. *J. Liq. Chromat. Relat. Technology* 17(17):3803-11, 1994

With A. Meneses. Spontaneously hypertensive rats: a potential model to identify drugs for treatment of learning disorders. *Hypertension* 31(4):968-72, 1998

PATENTS

Foreign

With R.N. Schut & M.E. Safdy. Methyl-3-acetamido-2(5-methoxy-indol-3-yl) propanoate and hypotensive use thereof. US Pat. 4,393,081 (1983) EP0078431A1 (1983)

With R.N. Schut & M.E. Safdy. Process for the preparation of 3-amino-2(5-fluoro-and 5-methoxy-1H-indol-3-yl) propanoic acid derivatives. US Pat. 4,283,336A (1981)

With R.N. Schut & M.E. Safdy. 3-amino-or-amido-2(1H-indol-3-yl) propanoic acid derivatives. US Pat. 4,283,410 (1981)

With M.E. Safdy & R.N. Schut. 3-amino-2 (5-fluoro and 5-methoxy-1h-indol-3-yl) propanoic acid derivatives CA1098910A (1981)

Method of antihypertensive chemotherapy utilizing 1-methyl-3-keto-phenylquinuclidium salts. US Pat. 3,860,717 (1975)

Mexican

With J.M.L. Medina Contreras. Metodos para incrementar la sensibilidad a la insulina mediante agonistas de receptores serotoninérgicos 5Ht2 MX363662B (2019)

With V.I. Granados Soto & I. Araiza Saldaña. Metodo para evitar o retrasar la aparición de alodinea por medio del tratamiento con inhibidores de la enzima convertidora de angiotensina MX/360184B (2018)

With F.Y. Huang & O. Echeverría Rodríguez. Losartan effect over perivascular adipose tissue and metabolic syndrome treatment. MX2010010371 A (2010)

With G. Aguirre Hernandez, F. Ramírez Romero, I.A. Rivero Espejel & R.S. Ramaswamy. Procedure for the synthesis of monohydrated dichlorhydrated of 3-(3(4-fenil-1-piperacil) propil-)2,4 (1H,3H)-quinazolinedione (pelanserine) and resulting product. MX9206713A (1992)

Enrique Lagomarsino

March 6, 2024

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

Enrique H. Lagomarsino, Argentine orthopedist and traumatologist (Buenos Aires 24 February 1900 – 27 July 1946)

Named astragalotarsian articulation

Described the sign of anterior shaft release in knee pneumoarthroradiography

With H. Dal Lago. El signo del desprendimiento del asta anterior en la neumoartorradiografia de la rodilla (1942)

Described the syndrome of popliteal buttonhole

With H. Dal Lago. Diferencias anatomoclinicas de los meniscos (1946)

With J. Valls developed an osteosynthesis compass using Smith-Petersen nails

Técnica e novo material para o encavilhamento das fraturas do colo do fêmur (1937)

Enrique Loedel Palumbo

March 6, 2024

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

Enrique Loedel Palumbo, Uruguayan-born Argentine physicist (Montevideo 29 June 1901 – La Plata 31 July 1962)

Presented Loedel diagrams

Aberración y relatividad. An. Soc. Arg. 145:3, 1948

Formulated a system of partial differential equations for a gravitational field

Die form der raum-zeit oberfläche eines gravitations-feldes, das von einer punktformigen masse herrührt. Physikal. Z. 27:643-8, 1926

Un nuevo principio que permita calcular directamente los potenciales gravitatorios (GiK) de Einstein. Anales Soc. Cien. Arg (1955)

SOME BIBLIOGRAPHY

Optische und elektrische konstanten des Rohrzuckers. Ann. Phys. 384(6):533-49, 1926

La velocidad de la luz en un campo gravitacional. Contribuciones 4 (1926)

Über die quantifizierte rotation der atome. Physikal. Z. 31:926-9, 1930

Sobre La estructura fina del átomo de hidrogeno. Contribuciones 89 (1935)

Resolución gráfica de problemas relativistas (1948)

El convencionalismo en el problema de las magnitudes físicas (1950)

Geometric representation of Lorentz transformation. Amer. J. Phys. 25:327, 1957

Deducción directa de los tres efectos cruciales de la teoría de la gravitación de Einstein (1957)

La aceleración de caída en un campo y la variación de la marcha de los relojes fijos en el mismo. Rev. Un. Mat. Arg.

Enrique Martinez Hernandez

April 3, 2024

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

Enrique Martinez Hernandez, Mexican paleontologist (Ciudad de Mexico 28 May 1942 – Ciudad de Mexico 23 September 2021)

Authored over 80 papers, 6 books and 5 book chapters

DESCRIBED

FOSSIL POLLEN & SPORAE SPECIES

1989 (with Tomasini Ortiz)

Asterothyrites ruedae

Dicellaesporites scaber

Dicellaesporites inaequabilis

Didymoporisporites ovumformis

Diporicellaesporites elsikii

Diporisporites planus

Dyadosporonites inornatum

Fusiformisporites striactiformis

Granatisporites coahuilensis

Monoporisporites hammenii

Monoporisporites dilcherii

Multicellaesporites quattorodecimcella

Paramicrothalites irregularis

Pluricellaesporites ellipticus

Pluricellaesporites grahami

Pluricellaesporites sheffyi

1980

Apiculatisporis mexicanum

Apiculatisporis negropetensis

Apiculatisporis parvus

Arecipites eklongatus with Ludlow

Arecipites microescabrus with Ludlow

Baculatisporites diductum

Biretisporites asper

Biretisporites coahuilensis

Biretisporites crassulabrum

Biretisporites psilatodissimilis

Camarazonosporites aiddites with Sanchez

Ceratoporis heterospinosus

Ceratosporites olmensis
Ceratosporites tenuiechinatus
Cicatricosisporites coahuilensis with Sanchez
Cicatricosisporites labrumturpis with Sanchez
Cicatricosisporites olmensis with Sanchez
Cicatricosisporites tenuitas with Sanchez
Concavipsimisorites coahuilensis
Concavipsimisorites microareolatus
Concavipsimisorites parvugranulatum
Concavipsimisorites pyramidalis
Cycadopites rondus with Ludlow
Deltoidospora hallinovsky
Deltoidospora magnus
Deltoidospora punctatus
Deltoidospora minutus
Deltoidospora simplisimus
Divisporites amplus
Divisporites labrumlatus
Echinatisporis heterocapillariformis
Echinatisporis homocapillariformis
Echinatisporis minutus
Echinatisporis oligoechinus
Echinatisporis reflexus
Echinatisporis truncatus
Foveasporis aequalis with Sanchez
Harrisipora coahuilensis
Heliosporites heterospinosus
Heliosporites microspinosus
Laevigatosporites giganteus with Ludlow
Lepidocariopollis equinoides with Ludlow
Liliacidites crassimuratus with Ludlow
Liliacidites heterobrocatus with Ludlow
Magnolipollis coahuilensis with Ludlow
Magnolipollis crassiexinosus with Ludlow
Matonisporites tenuiexinosus
Stereisporites coahuilensis
Stereisporites hyalinus
Stereisporites punctatus
Varirugosisporites minutus

FOSSIL MAMMALIA TAXA

Genus

Protozetamys 2018 with Ferrusquia Villafranca, Flynn, Ruiz Gonzalez & Torres Hernandez

Species

Douglassciurus oaxacensis 2018 with Ferrusquia Villafranca, Flynn, Ruiz Gonzalez & Torres Hernandez

Pliohippus potosinus 2014 with with Ferrusquia Villafranca, Ruiz Gonzalez, Torres Hernandez & Woolrich Piña

Protozetamys mixtecus 2018 with Ferrusquia Villafranca, Flynn, Ruiz Gonzalez & Torres Hernandez

Enrique Modesto Sivori

June 28, 2024

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

Enrique Modesto Sívori, 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 *Scendesemus 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 desbrotos en el periodo de incubación de tubérculos de papa

Enrique Nuñez y Palomino

April 9, 2024

[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 vejiga 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 (bibliography)

Enrique Pouey

April 19, 2024

[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 Forgue 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

Mexieulepis 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](https://neglectedscience.com/category/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 cloroplatínico 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 arseniés 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 cianeninas halogenadas. *Anal.Asoc.Quim.Arg.* 34:146, 1946.

With Jorge O. Deferrari. Sobre algunos nuevos compuestos orgánicos con iodo 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 chlorplatinic 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

Enze Min

April 3, 2024

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

Enze Min, Chinese chemical engineer (Chengdu, Sichuan Province 08 February 1924 – Beijing 07 March 2016)

His team built the world's first industrial magnetically stabilised bed reactor for caprolactam hydrofinishing (2006)

DEVELOPED

Cracking catalysts, including spherical aluminium silicate catalysts for aviation fuel, and microspherical Si-Al catalysts for the production of petro-diesel and liquefied petroleum gases

Petroleum refining catalysts

A series of zeolite materials for cracking catalysts (1960s)

Manufacturing technologies for new generations of cracking catalysts

A hydrothermally stable zeolite called ZRP

A novel hydrogenation process by combining amorphous Ni-based alloy catalysts and a magnetically stabilised bed reactor

With Peiling Zhou a commercial naphtha steam-reforming nickel catalyst containing a rare earth oxide (1993)

PATENTS (at least 70)

Preparation method for fatty acid ester CN102807922A (2011)

With J.H. Zhou, X.T. Shi et al. A zeolite Y material with dual porosity and its preparation method. CN200810227657-6 (2008)

With Z.X. Du, J.B. Hu & B.N. Zhong. Printing ink cleaning agent CN101434764B (2007)

Method for lowering acid value of oil matter CN102329695B (2007)

Method for reducing oilseed acid value CN101,469, 293B (2007)

With S.B. Cheng, B. Sun, K.Y. Yang, Y. Zhao, E.Q. Wang, S.Z. Zhang & W. Wu. Process for purification of ϵ caprolactam 734/KOL/2007

Method for preparing epsilon-caprolactam CN101,143,843B (2006)

With H.J. Wang, Z.X. Du & G.Q. Gao. Process for preparing a biodiesel US8288573B2 (2006), WO2008071041A1 (2006) MY162292A & MY 163535A (2006) 8500828 (2006) 20100087670 (2006) 20100024285 (2006)

With Y.X. Shi & K. Xie. Low sulfur cleaning fuel capable of substituting petroleum oil CN200310106390 (2005)

With J.H. Zhou, H.Y. Yang & B.N. Zong. Y-zeolite containing composite material and a process for preparing the same WO2004085057A1 (2004) 20040266607 (2004) 7067449 (2004) CN03121159-3A (2003)

With H.L. Lin, X.K. Meng, X.H. Mu, X.X. Zhang & B.N. Zong. A process for adsorptive desulfurization of light oil distillates AU2002327283A1 (2003) DE10297118B4 (2002) 20030106841 (2002) 6875340 (2002)

With Z.Q. Yu, Z.J. Da, Z.Y. Chen, J. Long, C.Y. Li & Z.Q. Huang. Cracking catalyst comprising layered clays and a process for cracking hydrocarbon oils using the same US20030159972A1 (2002) 6908544 (2002) 20030159972 (2002)

With X.X. Zhang & X.H. Mu. Process for preparing non-crystal Ni-B alloy catalyst (2001)

With X.X. Zhang & X.H. Mu. Process for preparing carried non-crystal alloy catalyst (2001)

With X.H. Mu, B.N. Zong, X. Wang, Y. Wang, X.X. Zhang & X.T. Shu. A hydrogenation catalyst and its preparation EP1190769B1 (2000) 6368996 (2000)

With J.F. Deng, A.Z. Ma & W.Z. Lu. Amorphous alloy-based catalyst, preparation method and use FR2762527B1 (1998) US6051528 (2000)

With G.F. Xia, M. Zhu, Y.H. Shi, Z.P. Tao, G.C. Pang, M.F. Li, G.P. Pan, H.T. Huang, R.Q. Zhang, J. Li & H. Nie. A conversion process of hydrocarbon oils CA2266570A1 (1999) 6156190 (1999) EP99105010-5 (1999)

With Y.G. He & F. Li. A process for the alkylation of isoparaffins with olefins. EP0952133A1 (1999) US626327B1 (1998)

With G.F. Xia, M. Zhu, Y.H. Shi, M.F. Li, K. Jo, Z.P. Tao, H.T. Huang, J.K. Cho, J. Li, Z.S. Wang & G.P. Ran. Catalyst containing molybdenum and / or tungsten for hydroxylation of light oil distilled products and its production JPH11309373A (1999) & 60937306 (1999)

With G.F. Xia, M.F. Li, Z.P. Tao, R.Q. Zhang, Z.S. Wang, M. Zhu, Y.H. Shi, H. Nie, N.T. Huang, J. Li & G.P. Ran. Catalyst for hydrotreating light oil distillates and preparation thereof EP99105009A3 (1999)

With A.Z. Ma & W.Z.Lu. Amorphous alloy catalyst containing phosphorus, its preparation and use US6051528A (1998)

With J.F. Deng, A.Z. Ma & W.Z. Lu. Amorphous alloy catalyst containing boron, its preparation and use 6037301 (1998)

With W.H. Xie & Y.G. He. CN98117817-2 (1998)

With Y.Jin, W.G. Liang, Z.W. Wang, Z.G. Yu, M.Y. He & Z.J. Da. Aromatic hydrocarbons alkylation and liquid-solid circulating fluidized bed for alkylation US5789640 A (1995) CN9500040

With J.J. Guan & Z.Q. Yu. Class of pillared interlayered clay molecular sieve products with regularly interstratified mineral structure US4757040A (1988) & EP86830081-5 (1986)

HONORS

30991 Minenze (Asteroid)

LINKS

www.rsc.org/membership-and-community/member-obituaries/2016-2018/dr-min-enze-frsc See [http://www.rsc.org/membership-and-community/member-
obituaries/2016-2018/dr-min-enze-frsc](http://www.rsc.org/membership-and-community/member-obituaries/2016-2018/dr-min-enze-frsc).

Eran Nakoman

April 9, 2024

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

Eran Nakoman, Turkish geologist and palynologist (1940 –

DESCRIBED FOSSIL SPORAE & POLLEN GENERA

Aequitriradisorites 1966

Alternisporites 1975

Anatoliensporites 1967

Barssisporites 1975

Bharadwajisporites 1975

Canisporites 1975

Corsinipollenites 1965

Dicolporopollenites 1968

Disulcipollenites 1960

Duplopollenites 1966

Echinatisporites 1966

Enzonalapollenites 1966

Extrapunctatosporites 1966

Fenestripollenites 1966

Hacquebardisporites 1975

Hamulatisporites 1966

Luberisporites 1975

Lusatisporites 1966

Macroleptolepidisporites 1966

Megacincturisporites 1975

Microfoveolatosporites 1966

Monoleiotriletisporites 1966

Naumovaisporites 1975

Nevesisporites 1975

Syncolpopollenites 1966

Toroisporites 1966

Triaxisporites 1975

Vedatisporites 1966

Ergasto H. Cordero

February 26, 2024

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

Ergasto Hector Cordero Sloan, Uruguayan zoologist (Montevideo 09 April 1890 – Montevideo 20 September 1951)

From Spanish and Irish descent

Authored 63 papers

DESCRIBED INVERTEBRATE TAXA

Genera

Diaguia 1942 (Annelida)

Eudevosclex 1944 (Cestoda)

Proichthyidium 1918 (Gastrotricha)

Subgenus

Lophomyidium 1929 (Diptera)

Species

Acanthodrilus doelloi-juradoi 1942

Alassostoma venezuelensis 1940 with Vogelsang

Aspidosiphon brasiliensis 1954 with Mello Leitão

Aspidosiphon trinidadensis 1952 with Mello Leitão

Austrocalicotyle macrocotyle 1944

Atrichopogon uruguayensis 1929

Cepedea brumpti 1928

Chaetonotus formosus 1918

Chaetonotus montevidensis 1918

Cimex furnarii 1928 with Vogelsang

Cladorchis heteroxenus 1940 with Vogelsang

Diaguia michaelsoni 1942

Distomum xenodontis 1928 with Vogelsang

Eudevosclex vogelsangi 1946

Eukerria tucumana 1942

Eukerria weyenberghi 1942

Glossoscolex bonariensis 1942

Glossoscolex boriemis 1942

Glossoscolex uruguayensis 1942

Haematoloechus iturbei with Vogelsang

Haementeria dissimilis 1937

Helobdella montevidensis 1937

Hydra iheringi 1939

Ichthyobdella tentaculata 1937

Lutzomyia gaminarai 1928 with Cordero, Vogelsang & Cossio

Nemalophila ovalis 1940 with Vogelsang

Neorpocotyle tudes 1944

Nyctotheres ampullarium 1928

Oligobdella brasiliensis 1937

Ophiotaenia cohospes 1946

Opisthocysta funiculus 1948

Paramphistomum argentinum 1940 with Vogelsang

Piscicola platensis 1933

Placobdella modesta 1934

Platynosomum furnarium with Vogelsang

Pneumonoeces tejerae 1939 with Vogelsang

Pontobdella dispar 1937

Proichthyidium coronatum 1918

Pseudallassostoma heteroxenum 1940 with Vogelsang

Rauschiella sera 1944

Rhinodrilus fuenzalidae 1944

Rhinodrilus francisci 1944

Semiscolex notatus 1937

Stratioidrilus platensis 1927

Zonorchis mazzai with Vogelsang

HONORS

Ergastria Mello Leitão 1941 (Arachnida)

Erhart family

February 27, 2024

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Max de Barros Erhart, Brazilian veterinary anatomist (São Paulo 24 March 1899 – São Paulo 22 February 1960)

Ventre supranumerário de terminação suprahióidea do m. omohioideo. Ann. Fac. Med. Univ. S. Paulo 5:14-6, 1930

Feixe musculo-aponevrótico aberrante bilateral derivado da faringe e terminando nas fascias profundas da região esternocleidomastoidea e na base externa do crânio. Ann. Fac. Med. Univ. S. Paulo 5:16-21, 1930

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Anotações sobre a articulação acromio-clavicular. Rev. Biol. Hyg. 1:99-106, 1929

Ossification du processus supracondyloideus internus de humerus chez le Gamba (*Didelphys aurita*) et le tatou (*D. novemcinctus*). Rev. Biol. Hyg. 3:33, 1932

With R. Locchi. Le arterie della glandola mammaria in *Myocastor (Myopolamus) coypus*. Monit. Zoll. Ital. Suppl. XLIV, 1933

With R. Locchi. Morphologia comparativa das artérias da glândula mammaria. II. As artérias da glândula mammaria do *Bradypus tridactylus* L. Rev. Biol. Hyg. 5(2), 1934

Artérias coronárias cardíacas dos ophidios. Mem. Inst. Butantan 9:1-32, 1935

Feixe atrioventricular de His no *Tapirus americanus*. Folia Clin. Biol. 7:211, 1935

Irrigação arterial do aparelho de resonancia hyolaryngea no gênero *Alouatta* (Bugio). Rev. Mus. Paul. 20:707-19, 1936

Pesquisas sobre a irrigação arterial do systema sinoatrial do coração em alguns mamíferos domésticos. Rev. Biol. Hyg. 7:1-17, 1936

Contribuição para o estudo anatomico da constituição do plexus coeliacus no *Canis familiaris*. Arqu. Anat. Antropol. 24:509, 1947

With E.A. Erhart. Sobre o comportamento das fibras nervosas no coto distal do nervo fibrilar de *Canis familiaris* após transecção total. Folia Clin. Biol. 28:98, 1958

With E.A. Erhart. Normal axis-cylinders in the distal segment of nerves completely separated from the proximal stump for up to 24 years. VII Intern. Congress of Anatomy, New York, 1960

“Plicae intestinales” na última porção do intestino íleo. Rev. Biol. Hyg.

His son, **Eros Abrantes Erhart**, neuroanatomist (Paris 29 January 1924 – São Paulo 27 December 1991)

DEVELOPED METHODS/TECHNIQUES

A simple, fast, controllable modification of Pal-Weigert's stain for myelin sheaths. Z. Wiss. Mikr. 60:155-56, 1951

An easily prepared urea resin as a transparent medium for the embedding of biological specimens and other uses. Folia Clin. Biol. 23:87-90, 1955

With M.C. Ferreira, A.T. Marchese et al. Microcirurgia de nervos periféricos (Nova técnica). Rev. Paul. Med. 84:52-3, 1974

Modified nerve suture technique improving a rehabilitation of recent and long-term post-traumatic nerve injuries

Eric Hagsater

February 29, 2024

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

Eric Ragnar Wolko Hagsater Gartenberg, Mexican entrepreneur and orchidologist (Ciudad de Mexico 05 May 1945 –

From Swedish father and Austrian mother

Described 800 new species in genus *Epidendrum* and 25 in other genera of Orchidaceae

HONORS

Hagsatera R. Gonzalez 1974 (Orchidaceae)

Erica Helena Buckup

February 26, 2024

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

Erica Helena Wortmann Buckup, Brazilian arachnologist (Cruz Alta, Rio Grande do Sul State 26 July 1934 –

DESCRIBED ARACHNIDA TAXA

Genus

Neopisinus 2011 with Marques & Rodrigues

Species

Achaearanea inops 1991 with Marques

Achaearanea maraca 1991 with Marques

Achaearanea pydanieli 1991 with Marques

Alpaida arvoredoi 2001 with Rodrigues

Alpaida caramba 2001 with Rodrigues

Cerocida ducke 1989 with Marques

Chrosiotes perfidus 1997 with Marques

Chrosiotes venturosus 1997 with Marques

Chrysso calima 1992 with Marques

Chrysso rubrovittata 1996 with Marques

Chrysso sulcata 1996 with Marques

Cryptachaea amazonas 2012 with Marques & Rodrigues

Cryptachaea bonaldoi 2010 with Marques & Rodrigues

Cryptachaea brescoviti 2010 with Marques & Rodrigues

Cryptachaea dalana 1991 with Marques

Cryptachaea dea 2006 with Marques

Cryptachaea digitus 2006 with Marques

Cryptachaea lisei 2010 with Marques & Rodrigues

Cryptachaea maldonado 2012 with Marques & Rodrigues

Cryptachaea taim 2006 with Marques

Dipoena cordiformis 1996 with Marques

Dipoena tingo 1996 with Marques

Echinotheridion lirum 1989 with Marques

Echinotheridion urarum 1989 with Marques

Episinus crysus 1992 with Marques

Episinus garisus 1992 with Marques

Eustala belissima 2010 with Poeta & Marques

Eustala crista 2010 with Poeta & Marques

Eustala levii 2010 with Poeta & Marques

Eustala palmares 2010 with Poeta & Marques

Fernandezina saira 2004 with Ott

Hentziectypus rafaelli 1991 with Marques
Hentziectypus tayrona 2012 with Marques & Rodrigues
Neopisinis fiapo 2011 with Marques & Rodrigues
Nesticella ducke 2007 with Rodrigues
Nesticella murici
Otiotrops lajeado 2004 with Ott
Radulphius baixaba 1995 with Bonaldo
Radulphius barueri 1995 with Bonaldo
Radulphius bidentatus 1995 with Bonaldo
Radulphius boraceia 1995 with Bonaldo
Radulphius caldas 1995 with Bonaldo
Radulphius camacan 1995 with Bonaldo
Radulphius cambara 1995 with Bonaldo
Radulphius caparao 1995 with Bonaldo
Radulphius lane 1995 with Bonaldo
Radulphius latus 1995 with Bonaldo
Radulphius petropolis 1995 with Bonaldo
Radulphius pintodarochai 1995 with Bonaldo
Radulphius singularis 1995 with Bonaldo
Stemmops belavista 1996 with Marques
Stemmops caranavi 1996 with Marques
Stemmops carius 1996 with Marques
Stemmops salenas 1996 with Marques
Tekellina bella 1993 with Marques
Tekellina crica 1993 with Marques
Tekellina guaiba 1993 with Marques
Tekellina minor 1993 with Marques
Tekellina pretiosa 1993 with Marques
Thymoites cravilus 1992 with Marques
Thwaitesia simoni 1996 with Marques
Wagneriana levii 1995 with Pinto da Rocha
Wagneriana roraima 1996 with Pinto da Rocha
Wagneriana yacuma 1996 with Pinto da Rocha
Zabius gaucho 2008 with Acosta, Candido & Brescovit
Zimiromius buzios 1998 with Brescovit
Zimiromius hortenciae 1993 with Brescovit
Zimiromius kleini 1993 with Brescovit
Zimiromius montenegro 1993 with Brescovit
Zimiromius racamus 1993
Zimiromius sununga 1993 with Brescovit
Zimiromius syenus 1993

Zimiromius tapirape 1998 with Brescovit

HONORS (Arachnida)

Buckupiella Brescovit 1996

Ericaella Bonaldo 1994

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

Liuia 1983 with Hu

Liuixalus 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 medogensense 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 vlangualii hongyuanensis 1980 with Jiang & Huang

Mammalia

Species

Proedromys liangshanensis 2007 with Liu, Sun & Zeng

Ermias Dagne

February 27, 2024

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

Ermias Dagne, Ethiopian natural products chemist (Deder, Harar 08 June 1944 –

Developed chemical compounds in isolation for use in pharmaceutical preparations

With H. Thomsen, K. Heider, K. Franke et al. developed a simple, inexpensive bioassay against the nematode *Caenorhabditis elegans* using antihelminthic active extracts of plant *Hagenia abyssinica* (2012)

With A. Yenesew, S. Asmellash, S. Mavi et al. first to report isoeleutherol as a natural product (1994)

With W. Mammo, I. Casser & W. Steglich discovered araliorhamnones, a new class of anthraquinone lactones with three adjacent C-substituents on ring C (1990)

With E. Berhanu first to report aloe-emodin acetate in Liliaceae family (1985)

With W. Steglich obtained the first phenyl anthraquinones (1984)

With W. Steglich isolated erymelanthine, a new type of *Erythrina* alkaloid containing a 16-azaerythrinane skeleton (1983)

With N. Castagnoli Jr. found a new metabolite of nicotine (cotinine-N-oxide) in 1972

Obtained more than 60 new chemicals from African flora

SOME BIBLIOGRAPHY

With M. Induli, M. Gebru, N. Abdissa et al. Antiplasmodial quinones from the rhizomes of *Kniphofia foliosa*. Nat. Prod. Comm. 8(9):1261–4, 2013

With A. Debeke, M. Lang, K. Polborn & W. Steglich. Four lignans from *Commiphora erlangiana*. J. Nat. Prod. 65(9):1252–7, 2009

With A. Dekebo & O. Sterner. Furanosesquiterpenes from *Commiphora sphaerocarpa* and related adulterants of true myrrh. Fitoterapia 73(1):48–55, 2002

With A. Dekebo, L.K. Hansen, O.R. Gautum & A.J. Aasen. Two octanordammarane triterpenes from *Commiphora kua*. Phytochem. 59(4):399–403, 2002

With D. Bisrat, C. Codina & J. Bastida. A C,O-diglucosylated oxanthrone from *Aloe littoralis*. Phytochem. 48(5):903–5, 1998

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With A.A.L. Gunatilaka et al. Two new cytotoxic cytochalasins from *Xylaria obovata*. Tetrahedron (1994)

With M. Alemu & O. Sterner. Flavonoids from *Euclea divinorum*. Bull. Chem. Soc. Ethiop. 7(2):87–92, 1993

With A.A.L. Gunatilaka & D.G.I. Kingston. Two bioactive pterocarpans from *Erythrina burana*. J. Nat. Prod. 56(10):1831–4, 1993

With E. Berhanu & W. Steglich. New bianthraquinone pigments from *Kniphofia* species. Bull. Chem. Soc. Ethiop. 1(1):32–5, 1987

With W. Steglich. Knipholone: an unique anthraquinone derivative from *Kniphofia foliosa*. Phytochem. 23:1729–32, 1984

Ernest Edward Galpin

February 29, 2024

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Ernest Edward Galpin, South African botanist and banker (Grahamstown today Makhanda, Eastern Cape Province 06 December 1858 – Namboospruit today Mookgophong, Limpopo 16 October 1941)

Authored the first comprehensive account of high-altitude flora of South Africa

A contribution to the knowledge of the flora of the Drakensberg. Report South Africa Adv. Science (1908)

Performed botanical collections not only in South Africa but in Swaziland, Zimbabwe and Namibia being the first person to collect in Swaziland

Discovered and collected valid half a dozen of genera and more than 200 new species of plants (1888-1939)

DESCRIBED VALID PLANTAE TAXA

Erica cerinthoides var. *barbertona* 1895

Jamesbrittenia grandiflora 1895

HONORS

Galpinia N.E. Br. 1894 (Lythraceae)

Mosdenia Stent 1922 (Poaceae) for his farm Mosdene

LINKS

www.s2a3.org.za/bio/Biograph_final.php?serial=1017 See http://www.s2a3.org.za/bio/Biograph_final.php?serial=1017.

Ernest Paulini

April 19, 2024

[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 *Triatomas* 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 Sergio 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'*Euoptera punctillata* Saalmuller (Lepidoptera, Lasiocampiidae), ravageur endémique du pin à Madagascar (1979)

Observations sommaires concernant le Landy-Kely *Euoptera punctillata* (Saalmuller) à Mandaratsy, Tananarive (1973)

HONORS

Raharizonina Villiers 1982 (Coleoptera)

Ernesto Antonio Matera

April 3, 2024

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

Ernesto Antonio Matera, Brazilian veterinary surgeon (São Paulo 1915 – São Paulo 10 February 1976)

Improved and developed techniques

With J.F. Tabarelli Neto. Contribuição ao estudo da anestesia intravenosa pelo thionembutal no cão: adaptação do método fracionário de Lundy. Anais 3º Congr. Bras. Vet (1946)

Contribuição para a técnica da esofagectomia em cão. Rev. Soc. Paul. Med. Vet. 8(1):20-30, 1947

With A.J. Stopiglia. Contribuição para o estudo da anestesia epidural nos bovinos (1957)

With A.J. Stopiglia. Métodos e processos de anestesia geral para equídeos. Rev. Med. Vet. 1(2):76-87, 1965

With P.S.M. Barros, R.E. Randi & A.J. Stopiglia. Osteossíntese do fêmur no cão. Utilização do pino metálico intramedular de Kuntscher mediante técnica de redução aberta. Rev. Fac. Med. Vet. Zootec. Univ. S. Paulo 19(1):53-9, 1982

Modified/improved technique for incisions in abdominal wall of dogs

Contribuição para a cirurgia abdominal do cão. Estudo e técnica das incisões da parede ventral. Thesis, Fac. Med. Vet. Zootecnia. Universidade de São Paulo (1948)

Described the first successful technique for removing the complete prostate gland by the perineal route.

Prostatectomia pela via perineal no cão. Thesis. Faculdade de Medicina Veterinária, Univ de São Paulo, Brazil, pp.101, 1952.

Ernesto Dallas

February 27, 2024

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

Ernesto David Dallas, Argentine physician and entomologist (1885 – 1943)

Expert on insects teratology

DESCRIBED

Calosoma miniatura 1939 (Coleoptera)

Chiasognathus grantii pygmaea 1933 (Coleoptera)

HONORS

Dallasimyia Blanchard 1944 (Diptera)

Ernesto Foldats

February 28, 2024

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

Ernesto Foldats Andins, Latvian-born Venezuelan orchidologist (Liepaja, Latvia 15 March 1925 – Caracas 15 March 2003)

Described/named 77 new orchid species

Ernesto Galloni

February 29, 2024

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

Ernesto Enrique Galloni Galimberti, Argentine physicist and crystallographer (Buenos Aires 05 March 1906 – 08 April 1987)

Authored over 40 papers

SOME BIBLIOGRAPHY

With M. Kohen. Influence of the mass of the spring on its static and dynamic effects. *Am. J. Phys.* 47:1076-8, 1979

With R. Zimmerman. Double diffraction in epitaxially grown nickel polycrystalline films. *Phys. Stat. Sol.* 29:91-4, 1968

With M.J. de Abeledo & M.A.R. de Benyacar. Electron diffraction data for some members of the metatorbenite group. *Am. Mineral.* 53, 1968

With R. Zimmerman & M.E. Jimenez de Abeledo. Thermal behaviour of potassium bromostannate. *Zeits. f. Krist.* (1962)

With M.E. Jimenez de Abeledo & M.R. de Benyacar. Unit cell and space group of alpha and beta-parachloral. *Acta Crystallogr.* 15:618, 1962

With J. Olsacher & J. Serricchio. Seleniuros de mercurio con azufre, plomo, hierro y cobre. Cuesta de los Llantenes, Prov. de La Rioja (Argentina). *Rev. Fac. Cien. Exac. Fís. Natur.* (1960)

With M.E. Jimenez de Abeledo & M.R. de Benyacar. Ranquilite, a calcium uranyl silicate. *Amer. Mineral.* 45:1078-86, 1960

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With R.H. Busch, J. Raskovan & A.E. Cairo. Kristallstruktur des Platindioxyds. *An. Acad. Bras. Cien.* 24:185-201, 1952

With J. Pugliese. A preliminary examination of the crystal structure of dimethyltelluronium diiodide. *Acta Crystallogr.* 3(4):319-20, 1950

Influencia de algunos factores en la difracción de rayos X por los medios cristalinos. *Rev. Un. Mat. Argent.* 14:338-49, 1950

The crystal structure of ferroan zincian rhodochrosite. *Amer. Mineral.* 35:562, 1950

With A.E. Roffo Jr. The crystalline structure of Pt_3O_4 . *J. Chem. Phys.* 9:875, 1941

With F. Garcia Olano. Repartición de cargas y esfuerzos producidos em cimentaciones directas. *Rev. Centro Estud. Ingen. Buenos Aires* (1938)

With J. Palacios. La estructura cristalina del sulfato calcico biohidratado (yeso). *Anales Soc. Espan. Física* 32:779-86, 1934

With R.H. Busch & C.R. Haitz. Isomorphism in the potassium chloroplatinate and potassium bromoplatinate systems. *Anales Asoc. Quim. Argentina* 39:192,

With M.E. Jimenez de Abeledo. Study of Argentine clays: argillaceous material at Mutquin, Catamarca

Ernesto Macotela

April 3, 2024

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

Ernesto Macotela Ruiz, Mexican dermatologist (Ciudad de Mexico 26 January 1932 –

ACHIEVEMENTS

Concluded that *Pytirosporom ovale* acts by two distinct ways as pathogenic agent of skin

With R. López Martínez & A. Mejorada. Papel patogénico de *Pytirosporom ovale* en la dermatitis seborreica y pitiriasis versicolor. Gac. Med. Mex. 123(7-8):187-91, 1987

One of the first to describe cases of pigmented contact dermatitis by naphthol AS

With A. Ancona-Alayón, R. Escobar-Marquez, A. Gonzalez Mendoza, J. Bernal Tapia & J. Jurado Mendoza. Occupational pigmented contact dermatitis from Naphthol AS. Contact Dermatitis 2:129-34, 1976

Proposed the use of heparin for toxic epidermic necrolysis

With Javier Pizzuto. El síndrome de hipercoagulabilidad en la necrosis epidérmica toxica. Med. Cut. 5:607-16, 1970

DESCRIBED NEW GENETIC SYNDROMES

With J.M. Cantu, J. Sanchez Corona, R. Fragoso & D. Garcia Cruz. A “new” autosomal dominant genodermatosis characterized by hyperpigmented spots and palmoplantar hyperkeratosis. Clin. Genet. 14(3):165-8, 1978

With J.M. Cantu, J. Arias, M. Foncerada, A. Hernandez, G. Podoswa & I. Rostenberg. Syndrome of onychotrichodysplasia with chronic neutropenia in an infant from consanguineous parents. Birth Defects Orig. Art. Ser. XI (2):63-6, 1975

With J.M. Cantu, A. Hernandez, J. Larracilla & A. Trejo. A new X-linked recessive disorder with dwarfism, cerebral atrophy, and generalized keratosis follicularis. J. Pediat. 84:564, 1974

Ernesto Osorno Mesa

April 9, 2024

[Bibliography](https://neglectedscience.com/category/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 microanalisis, 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) bernaiei 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](#) 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](#) 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. Ciências* 32:11, 1960

Ernst & Eveline Marcus

April 3, 2024

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

Ernst Gustav Gotthelf Marcus, German-born Jewish Brazilian zoologist (Berlin 08 June 1893 – São Paulo 30 June 1968)

World authority on Mollusca Opisthobranchia, Bryozoa and Turbellaria

Authored over 215 works

Studied bryozoans, oligochaetes, pycnogonids, pantopods, ctenophores, tardigrades, turbellarians, mollusks, nemertineans and onychophores

Discovered and described Class Heterotardigrada (1927)

DESCRIBED NEW TAXA

Turbellaria

Families

Chordariidae 1945

Gnesioceratidae 1966

Scleraulophoridae 1950

Taenioplanidae 1966

Theamatidae 1949

Urostomatidae 1951

Urostomidae 1951

Genera

63

Species

With E. Marcus described over 300 marine species

Mollusca

Genera

Awuka 1955

Felimare 1967 (with Eveline)

Ganitus 1953

Inuda 1967 (with Eveline)

Lapinura 1970 (with Eveline)

Mieseae 1961

Mourgona 1970 (with Eveline)

Muessae 1965

Nanuca 1957

Njurja 1959 (with Eveline)

Nuvuca 1967 (with Eveline)

Pinufius 1959 (with Eveline)

Piseinotecus 1955

Pleurehdera 1970 (with Eveline)

Pluscula 1953 (with Eveline)

Sapha 1959

Sebadoris 1959 (with Eveline)

Siraius 1955

Taringa 1955

Tayuva 1967 (with Eveline)

Uneba 1953

Species

222 in Mollusca Opisthobranchia

Bryozoa

Genera

Aeverrillia 1941

Crisevia 1937

Euteleia 1938

Haplota 1940

Sangavella 1957

Utinga 1949

Annelida

Genera

Jolydrilus 1965

Wapsa 1965

Protozoa

Genus

Sawayarella 1939

HONORS

Marcusia Hyman 1953 (Turbellaria)

Marcusiarius Carvalho & Rodrigues 1973 (Crustacea)

Marcusadorea Vieira, Migotto & Winston 2010 (Cnidaria)

Marcusopora Pohowsky 1978 (Fossil Bryozoa)

Subgenus *Marcusiella* Luther 1955 (Turbellaria)

His wife, Eveline Agnes du Bois-Reymond Marcus, German-born Brazilian invertebrate zoologist (Berlin 06 October 1901 – São Paulo 31 January 1990)

Famous physiologist Emil du Bois-Reymond was her relative

Discovered the accessory vessel of Phoronids (1949)

DESCRIBED NEW TAXA

Mollusca

Family

Bosellidae 1982

Genera

Ascobulla 1972

Dondice 1958

Felimare 1967 (with Ernst)

Felimida 1971 (With Ernst)
Inuda 1967 (with Ernst)
Lapinura 1970 (with Ernst)
Macfarlandaea 1984 with Gosliner
Mourgona 1970 (with Ernst)
Mysouffa 1974
Njurja 1959 (with Ernst)
Nuvuca 1967 (with Ernst)
Pattyclaya 1982
Percunas 1970
Pinufius 1959 (with Ernst)
Pleurehdera 1970 (with Ernst)
Pluscula 1953 (with Ernst)
Roburnella 1982
Sebadoris 1959 (with Ernst)
Tayuva 1967 (with Ernst)
Tornastra 1977

Species

222 in Mollusca Opisthobranchia

Turbellaria

Genera

Amyris 1968 (with Ernst)
Igluta 1968 (with Ernst)
Puiteca 1955
Pupsikus 1970 (with Ernst)
Toia 1952
Yagua 1958

Tardigrada

Genera

Bryochoerus 1936
Orzeliscus 1952
Mopsechiniscus 1944

Annelida

Genus

Siolidrilus 1949

Nemertea

Genus

Siolineus 1948

HONORS

Marcusaedrilus Righi & Kanner 1979 (Annelida Oligochaeta)
Marcusiola Steinböck 1966 (Turbellaria)

Emarcusia Roller 1972 (Mollusca)

Evelineus Correa 1954 (Nemertea)

Erol Akyol

February 25, 2024

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

Erol Akyol, Turkish palynologist (1934 – 2002)

DESCRIBED FOSSIL POLLEN/SPORAE TAXA

Genera

Auriculimembranospora 1978

Cadiosporites 1967 with Agrali

Echinatosporites 1964

Heliosaccipollenites 1967 with Agrali

Hezarfenosporites 1975

Kyrtomisorites 1967 with Agrali

Lunatipollenites 1967 with Agrali

Rhizomapolllenites 1967 with Agrali

Species

About 130 (1964-99)

HONORS

Akyolisporites Agrali 1969 (Fossil Pollen/Sporae)

Esfandiar Esfandiari

February 27, 2024

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

Esfandiar Esfandiari, Iranian botanist and mycologist (Kerman 03 March 1909 – Teheran 03 August 1995)

Described about 70 new plant species

HONORS

Esfandiaromyces Ershad 1985 (Fungi)

Esfandiaria Charif & Aellen 1952 (Chenopodiaceae)

Esfandiaria Popov 1951 (Orthoptera)

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 esther 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 fisiologico 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 híguerón y de una resina contenida en ella (1924)

Estudio quimico y histologico de la raiz 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 quimica, 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

Esteban Bajaja

February 26, 2024

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

Esteban Bajaja, Argentine radio astronomer (Santa Fe 07 October 1931 – 12 June 2015)

Observed HII regions in the Southern Hemisphere

With J. Pradas, J. Kerp, P.M.W. Kalberla, E.M. Arnal, R. Morras & W.G.L. Poppel. X-raying the galactic interstellar medium: first all-sky correlation of X-ray and HI data (2004)

With W.G.L. Poppel & R. Morras. High velocity clouds: a model to explain their spatial distribution (1987)

The short spacings problem in correlation interferometers and a procedure for solving it. *Astrop. Space Science Library* 76:59, 1979

SOME BIBLIOGRAPHY

With E.M. Berkhuijsen & R. Beck. Co observations of a region strongly polarized radio-continuum emission in the SW arms of M-31 source. *Astron. Astrop.* 279(2):359-75, 1993

With R.F. Haynes, U. Klein, S.R. Wayte, R. Wielebinski et al. A radio continuum study of the Magellanic clouds. I. Complete multi-frequency maps. *Astron. Astrop.* 252:475-86, 1991

With R.J. Dettmar, E. Hummel & R. Wielebinski. The large-scale radio continuum structure of the Sombrero galaxy (NGC4594). *Astron. Astrop.* 202:35-40, 1988

With E. Brinks. A high resolution hydrogen-line survey of Messier 31. III. HI holes in the interstellar medium. *Astron. Astrop.* 169(1-2):4-42, 1986

With C.M. Martin. Observations of HI in general surveys. I. *Astron. J.* 90:1783, 1985

With T.e. Gergely. A new determination of the gas-to-dust ratio in M31. *Astron. Astrop.* 61:229-34, 1977

With M. Arnal, R. Morras & W. Poppel. High sensitivity HI survey of the Southern Hemisphere

With E. Aguero & S. Paolantonio. Spectroscopic observations of NGC 2442 with the CASLEO Telescope

With R. Morras, M. Arnal, W. Poppel & R. Wielebinski. HI survey on the Magellanic Clouds with the IAR Radiotelescope

HONORS

Minor planet 5386 Bajaja

Esteban Boltovskoy

February 26, 2024

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

Esteban Boltovskoy, Argentine oceanographer and micropalaeontologist (Warsaw 26 January 1912 – Buenos Aires 04 September 1997)

From Russian ancestry

ACHIEVEMENTS

Authored over 160 papers and 5 books

Provided first detailed hydrological schemes of surface circulation and water mixing processes in Southwestern Atlantic Ocean foraminifers indicators based in 1960s (later confirmed)

Proposed filter method for the treatment of plankton samples

Methods for sorting of foraminifera from plankton samples. *Journal of Paleontology* 40(5):1244-6, 1966

With S.B. Kotzian & F.L. Pedrozo. Some new techniques for the preparation and illustration of Polycystina (Radiolaria). *Micropaleontology* 29(4):382-90, 1983

Organized one of the largest Foraminifera collection in the world at Museo Argentino de Ciencias Naturales in Buenos Aires. It contains over 13500 slides and over 50000 identified specimens

DESCRIBED FORAMINIFERA GENERA

Canepaia 1961

Kalosha 1978

Orcadia 1982 (with Watanabe) Fossil

Described at least 35 new species and 12 subspecies of Foraminifera

HONORS

Genus *Boltovskoyella* Malumián & Masiuk 1972 (Fossil Foraminifera)

Honorary Fellow, Deutsche Palaontologische Gesellschaft (1968)

International Prize for Excellence in Foraminiferal research, Cushman Foundation, Washington, USA (1988)

Ethel Mary Doidge

February 27, 2024

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

Ethel Mary Doidge, English-born South African mycologist and plant microbiologist (Nottingham, England 31 May 1887 – Anerley, South Coast, Natal 22 September 1965)

Identified hundreds of new fungal species and some bacterial species

DESCRIBED VALID FUNGI GENERA (1921)

Macowaniella

Palawaniella

Parastigmatea

DESCRIBED (incomplete)

A wilt disease of cucurbits with L.J. Kresfelder (1932)

A geranium rust caused by *Puccinia pelargonii zonale* (1926)

Doidge bacterial spot disease caused by *Xanthomonas campestris* pv. *vesicatoria* (1920)

A bacterial spot of citrus (1917)

A bacterial blight of pear blossoms (1917)

A bacterial disease of mango (*Bacillus mangiferae*) 1915

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 H₂S 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)

Eucario López Ochoterena

March 6, 2024

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

Eucario Lopez-Ochoterena, Mexican protozoologist (Ciudad de Mexico 20 August 1927 – ?)

Authored over 120 papers on protozoan taxonomy, ecology and morphology (until 2003)

DESCRIBED PROTOZOAN TAXA

Genera

Dimasia 1998

Hypophrya 1964

Species

Devescovina foliacea 1966 with Perez Reyes

Devescovina piriformis 1966 with Perez Reyes

Devescovina vestitiformis 1966 with Perez Reyes

Dimasia miroi 1998

Hypophrya fasciculata 1964

Metadevescovina cicis 1966 with Perez Reyes

Metadevescovina difficilis 1966 with Perez Reyes

Metadevescovina grandis 1966 with Perez Reyes

Metadevescovina ovoidea 1966 with Perez Reyes

Metadevescovina pavicula 1966 with Perez Reyes

Metadevescovina sphaerica 1966 with Perez Reyes

Ophrydium hazele 1971 with Madrazo Garibay

Proboveria rangiae 1978 with Puytorac, Grain & Groliere

Trichonympha globulosa 1966 with Perez Reyes

Trichonympha paraspimilis 1966 with Perez Reyes

HONORS

Lopezoterenia Foissner 1997 (Protozoa: Ciliophora)

Eudoxia Maria Froehlich

February 28, 2024

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

Eudoxia Maria de Oliveira Pinto Froehlich, Brazilian zoologist (São Paulo 21 October 1928 – São Paulo 26 September 2015)

Daughter of ornithologist Olivério Pinto

DESCRIBED PLATYHELMINTHES TAXA

Genera

Anisorhynchodemus 2003 with Kawakatsu, Jones & Ogren

Bogga 2012 with Grau, Sluys & Carbayo

Diversibipalium 2002 with Kawakatsu, Ogren & Sasaki

Gusana 1978

Liana 1978

Novibipalium 1998 with Kawakatsu & Ogren

Statomicroplana 2003 with Kawakatsu, Jones, Ogren & Sasaki

Timyma 1978

Subgenus

Laubenfelsia 1993 with Ogren & Kawakatsu

Species

At least 36 (until 2012)

HONORS (Platyhelminthes)

Subfamily Eudoxiatopoplaninae Windsor 2009

Genus *Eudoxiatopoplana* Windsor 2009

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 Espejo

February 27, 2024

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

Eugenio Francisco Javier de Santa Cruz Espejo y Aldaz, Ecuadorian physician, philosopher and author (Quito February 1747 – Quito 27 December 1795)

ACHIEVEMENTS

In *Reflexiones acerca de um metodo para preservar los pueblos de las viruelas* (1785), anticipated the pathogenic role of microbes and proclaimed the causes of decomposition and putrefaction in organic compounds by direct influence from certain microorganisms

Eugenio Galli

February 29, 2024

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

Eugenio Antonio Galli Dupont, Argentine surgeon and anatomist (Buenos Aires 09 January 1883 – Buenos Aires 27 June 1956)

Son of French immigrants

Proposed a new nomenclature for heart cavities or mediastinum

Corazón. Estudio descriptivo y Topográfico (1933)

Proposed a new nomenclature for spinal muscles (1953)

Eponym of Galli posteromedian auricle

SOME BIBLIOGRAPHY

De las congestiones pleuropulmonales (1908)

Ligadura accidental de la rama derecha de la arteria hepatica en el curso de la colecistectomia. Doctoral Thesis

Osteología del carpo (1912)

Ganglios semilunares. Sus ramos aferentes y eferentes (1914)

Mecánica intrínseca de la pelvis (1915)

El triángulo paravertebral de Grocco (1917)

Carpo. Osteología, Artrología y Mecánica (1925)

Sección total del plano anterior de la muñeca. Restauración nerviosa. Interpretación de la transposición sensitiva subjetiva de localización (1927)

Desgarramiento del plexo braquial derecho (1927)

Dos plásticas totales de palma. Interpretación que cabe a la sensibilidad del injerto (1927)

Contribución al estudio de la osteosíntesis (1928)

Consideración sobre un caso de cuerpo libre intraperitoneal (1931)

Auscultación del soplo brônquico a través del pulmón. Ventajas clínicas de su exageración por el soplido (1932)

Tratamiento de la neumonía por medio de la inyección intravenosa (fleboclisis) del suero glucosado. Técnica, fundamentos, ventajas y inconvenientes (1936)

Difteria. Nuevo método diagnóstico (1939)

Arquitectura del cráneo y aparato de la masticación. An. Fac. Cien. Med. La Plata 9:9, 1943

Anatomía de las válvulas y de las cardiopatías congénitas (1950)

Notas de Anatomía Interpretativa, Descriptiva y Topográfica de los Músculos Espinales (1953)

Hidatidosis primaria parietooccipital bilateral. Intervención. Curación (1954)

Orientación Anatómica Razonada. Planimetría de Membro Superior (1954)

LINKS

www.anatomia-a.com.ar/images/Galli.doc (with bibliography; in Spanish)

Eugenio Giacomelli

February 29, 2024

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

Eugenio Giacomelli, Italian-born Argentine entomologist (Liorna, Italy 1876 – La Rioja 27 December 1941)

DESCRIBED LEPIDOPTERA TAXA

Valid Genus

Cyanohypsa 1911

Species

Agraulis superargentata 1925

Anomis erosoides 1915

Apodemia minuscula 1911

Aricoris cosquinia 1928

Aricoris umbrata 1928

Artace bipunctata 1911

Artace lilloi 1911

Audre drucei 1914

Automeris capillensis 1930

Callicore kohleri 1930

Copiopteryx inversa 1911

Cosmophila erosoides 1915

Cyanohypsa stefanelli 1911

Diaethria kohleri 1926

Dysdaemonia cortesi 1925

Dysdaemonia jordani 1925

Elousa schausi 1911

Euptoieta ramirezi 1926

Euptychia ocellata 1928

Euptychia periphas 1928

Eurata cingulata 1925

Eurata paraguayensis 1928

Giacomellia floresi 1915

Giacomellia inversoatomosa 1911

Herbita prouti 1911

Heteropygas angulum 1911

Heteropygas dognini 1911

Heteropygas pallida 1911

Ischnopteryx seriei 1911

Leucotmemis cosquinensis 1928

Manduca carrerasi 1911

Manduca jordani 1912

Mathania carrizoi 1914

Melittia arcangelii 1914

Microgonia dognini 1915

Ortilia nigra 1928

Phoebis pseudomas 1911

Phulia reedi 1918

Phyciodes janthe 1928

Phyciodes saladilhensis 1911

Psectrotarsia tamsi 1922

Pyrameis caryoides 1922

Pyrgus enigmatica 1929

Rachiplusia atrata 1911

Schinia riojana 1922

Teriocolias riojana 1911

Thecla pseudarenia 1914

Thymelicus schrottkyi 1911

Tolype fumosa 1922

Vorates mabillei 1911

HONORS

Giacomellia Bouvier 1930 (Lepidoptera)

Eugenio Izecksohn

February 29, 2024

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

Eugenio Izecksohn, Brazilian herpetologist (Rio de Janeiro 1932 – Rio de Janeiro 03 June 2013)

DESCRIBED VALID AMPHIBIA TAXA

Genus

Xenohyla 1998

Species

Brachycephalus didactylus 1971

Brachycephalus margaritatus 2011 with Pombal

Chiasmocleis atlantica 1997 with Cruz & Caramaschi

Chiasmocleis capixaba 1997 with Cruz & Caramaschi

Chiasmocleis carvalhoi 1997 with Cruz & Caramaschi

Dendrophryniscus berthallutzae 1994

Dendrophryniscus bokermanni 1994

Dendrophryniscus leucomystax 1968

Dendrophryniscus organensis 2010 with Carvalho e Silva, Mongin & Carvalho e Silva

Dendrophryniscus stawiarSKI 1994

Dendropsophus sturderae 2003 with Carvalho e Silva & Carvalho e Silva

Euparkerella cochranae 1988

Euparkerella tridactyla 1988

Euparkerella robusta 1988

Gastrotheca megacephala 2012 with Carvalho e Silva & Peixoto

Leptodactylus marambaiae 1976

Megaelosia lutzae 1987 with Gouvea

Phrynomedusa marginata 1976 with Cruz

Physalaemus soaresi 1965

Pipa arrabali 1976

Proceratophrys laticeps 1981 with Peixoto

Proceratophrys paviotii 2005 with Cruz & Prado

Proceratophrys phyllostomus 1999 with Cruz & Peixoto

Proceratophrys subguttata 1999 with Cruz & Peixoto

Xenohyla truncata 1959

Zachaeus carvalhoi 1983

HONORS

Izecksohniella de Mello 1992 (Orthoptera)

Izecksonhnopilio Soares 1977 (Arachnida)

Eugenio Lasnier

March 6, 2024

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

Eugenio Pablo Lasnier Anselmi, Uruguayan anatomical pathologist (Montevideo 21 April 1883 – 05 October 1950)

First to describe the false amebic tumor of colon or colon ameboma or Lasnier-Gaminara disease

Tumores amibianos del intestine grueso. An. Fac. Med. Univ. Repub. Uruguay 3:810-28, 1918

First described the pathology and amebic etiology of ameboma

METHODS

Developed a procedure for identification of hydatid cysts employing sputum index

With J.F. Cassinelli. Diagnóstico de quiste hidático hialino (no roto) del pulmón, mediante la inclusión de esputos (1946)

Aplicación de técnica personal de coloración electiva de los pigmentos bruno y melánico a las células hepáticas

Über eine elektive Färbungsmethode des braunen und des melanotischen Pigmentes. Virchows Arch. 266:693-6, 1928

Eugenio Rangel

April 23, 2024

[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

Eugenio Silveira de Macedo

April 3, 2024

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

Eugenio Silveira de Macedo, Brazilian sanitary engineer (1916 – 1984)

Conceived the concept of virtual mean discharge

Developed Macedo slide rule for hydraulics (1978)

Created a calculation method for outflow in sanitary sewer (1962)

Designed a special recording stage gauges

Designed a public building sump

Eurico Alves de Camargo

February 26, 2024

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

Eurico Alves de Camargo, Brazilian ornithologist (Araraquara, São Paulo State 21 April 1896 – Araraquara, São Paulo State 25 April 1985)

DESCRIBED AVIAN SUBSPECIES (with O. Pinto)

Accepted

Sittasomus griseicapillus transitivus 1948

Nyctiprogne leucopyga majuscula 1952

Schistochlamys ruficapillis sicki 1952

Furnarius tricolor araguaiae 1952

Campylorhamphus trochilrostris guttistriatus 1955

Chordeiles pusillus saturatus 1957

Xiphorhynchus teutoni gracilirostris 1957

Momotus momota marcgravianus 1961

Cyanocorax chrysops insperatus 1961

Non-accepted

Tachornis squamata orientalis 1961

Selenidera gouldii baturitensis 1961

Picumnus pygmaeus distinctus 1961

Picumnus limae saturatus 1961

Euripedes Malavolta

April 3, 2024

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

Eurípedes Malavolta, Brazilian agricultural chemist and pedologist (Araraquara, São Paulo State 13 August 1926 – Piracicaba, São Paulo State 19 January 2008)

Authored about 553 works between papers, notes, books and book chapters

Internationally known for his studies on mineral nutrition of plants and agricultural plants fertilization

Discovered that nitrate reductase is synthesis-induced by nitrate and molybdenum

With C.C. Delwiche showed the similarities between photosynthesis and chemosynthesis in nitrifying bacteria (1958-9)

Developed the concept of physiological economical critical level for foliar diagnosis

With F. Pimentel Gomes. Foliar diagnosis in Brazil. Am. Inst.

Created concept of efficiency in nutrient utilization by plants

With José P. Romero established concept of modular fertilization (1993)

Developed two fertilizers (Fosmag of Manah and Nitrosulfocalcio of Petrofertil)

Showed that red cabeludinha fruit (*Myrciaria glomerata*) displays high content of vitamin C as such acerola

With J. Leme Jr., J.T.A. Gurgel & J. Soubiê Sobro. Ascorbic acid content in fruits of *Myrciaria glomerata* Berg. Nature 178:424, 1956

HONORS

Lifetime Achievement Award, International Fertilizer Industry Association (2005)

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

Eusebio Corazao

February 26, 2024

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

Mariano Eusebio Corazao Quintanilla, Peruvian mathematician (San Pedro de Calca, Cusco 15 December 1845 – Cusco 04 January 1913)

Enunciated three theorems about circle quadrature in 1905 (published in Boletín del Centro Científico del Cusco 13, 1907)

Derived a new general formula for rule of simple interest

Developed a new system of deduction in arithmetic

Eponym of Corazao number $(16/\pi^2)$

Eusebio Hernandez Perez

February 29, 2024

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

Eusebio G. Hernandez y Pérez, obstetra e ginecologista cubano (Colón, Matanzas Province 18 January 1853 – La Habana 23 November 1933)

Introduced improvements in forceps, Tarnier basiotribe and Farabeuf pelvimeter

Developed a new pelvimeter

Proposed an open synphysiotomy procedure

Described a new cause of cervix anatomical rigidity during delivery

Nueva causa de rigidez anatómica del cuello uterino durante el parto (1899)

Expanded Pinard's concept of puericulture to adult life cycle creating homiculture, i.e. scientific physical improvement of mankind

With Domingo Ramos Delgado. Homicultura (1911)

LINKS

<https://www.medigraphic.com/pdfs/revciemedhab/cmh-2012/cmh121q.pdf> (Spanish)

Eusebio Yatco Garcia

February 29, 2024

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

Eusebio Yatco Garcia, Philippine parasitologist (Binan, Laguna 29 December 1905 -?)

ACHIEVEMENTS/BIBLIOGRAPHY

Described 6 species of helminths, 2 species of protozoa and 1 species of bacteria

Invented salva-ara

First report of *Cheilospirura hamulosa* parasitizing the man

With C. Africa. A new nematode parasite (*Cheilospirura* sp.) in the eye of man in the Philippines. J. Phil. Is. Med. Assoc. 16:603-7, 1936

Extract of the wings of the Philippine butterfly *Terias hecabe* Linnaeus, a new antibiotic for malaria. Journal Philipp. Med. Assoc. 25: 6279-90, 1949.

Flumamine a new synthetic analgesic ant-flu drug. Journal of Philippine Med. Assoc. 26:7287-93, 1950.

Vitamine E (Alpha Tocopherol), a new anthelmenthic against *Ascaris lumbricoides*. Proc. Sixth Int. Congr. Trop. Med. and Malaria 2:650-55, 1958.

Schistosomiasis philippinensis and *Schistosoma philippinensis*, a new clinical entity and a new species of blood fluke respectively. MD Journal 8:6225-31, 1959.

The blood-tuberculin reactions, a new rapid test for tuberculosis. Phil. Scient. Journal 9(67-8):16, 1962.

With Virginia Sirilau. Diglutamic acid and biguanide, a new anticatabolic and anti-epileptic drug. M.D. Journal 14:8503-6, 1964.

With T.P. Pesigan. A modified field stain for rapid staining of thick and thin blood smears. J. Phil. Med. Assoc. 22:4165-71, 1965.

His curriculum vitae is available in http://webdb.stii.dost.gov.ph/scidetails.jsp?sci_id=000469

Eustorgio Mendez

April 3, 2024

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

Eustorgio Mendez Cedeño, Panamanian medical entomologist (Ciudad de Panama 01 March 1927 – Ciudad de Panama 24 March 2016)

DESCRIBED ARTHROPODA TAXA

Acari

Genus/Subgenus

Coendalges 1979

Synoecomyobia 1981 with Lukoschus, Scheperboer & Fain

Species

Archemyobia (*Nearchemyobia*) *latipilis* 1981 with Fain & Lukoschus

Archemyobia (*Nearchemyobia*) *pectinata* 1972

Cheletophyes panamensis 1984 with Klompen & Lukoschus

Coendalges panamensis 1979 with Fain

Echimyopus dasypus 1973 with Fain, Lukoschus & Louppen

Echimytricalges hoploms 1982 with Fain & Lukoschus

Echimytricalges mesoms 1982 with Fain & Lukoschus

Eudusbabekia (*Synoecomyobia*) *artibeii* 1981 with Lukoschus, Scheperboer & Fain

Marsupialichus marmosae 1975 with Cock, Fain & Lukoschus

Diptera

Species

Culex arboricolus 1961 with Galindo

Culex johnsoni 1961 with Galindo

Culex keenani 1961 with Galindo

Culex mesodenticulatus 1961 with Galindo

Polygenis caucensis 1977

Polygenis delpontei 1977

Polygenis hopkinsi 1977

Polygenis trapidoi 1977

Mallophaga

Genus

Hoplomyophilus 1967

Species

Cummingsia inopinata 1971

Gliricola arboricola 1969

Gliricola sylvicola 1969

Gyropus diplomys 1967

Gyropus emersoni 1969

Gyropus mesoamericanus 1969

Hoplomyophilus nativus 1967

Siphonaptera

Genus

Scolopsyllus 1968

Species

Anomiopsylla nidiophilus 1968 with Tipton

Ceratophyllus altus 1966 with Tipton

Hormopsylla kyriophila 1966 with Tipton

Jellisonia johnsonae 1961 with Tipton

Kohlsia azuerensis 1966 with Tipton

Kohlsia falcata 1975 with Hanssen

Kohlsia keenani 1961 with Tipton

Kohlsia mojica 1966 with Tipton

Kohlsia tiptoni 1960 with Altman

Kohlsia traubi 1961 with Tipton

Megarthroglossus cavernicolus 1972 with Haas

Megarthroglossus smiti 1956

Megarthroglossus wilsoni 1973 with Haas

Phalacropsylla tropica 1979 with Lemke

Phalacropsylla hamata 1968 with Tipton

Pleochaetis altmani 1961 with Tipton

Plocopsylla scotinomi 1966 with Tipton

Scolopsyllus colombianus 1968

Synopsyllus girardi 1966 with Tipton

Wenzella yunkeri 1966 with Tipton

Evandro Chagas

February 26, 2024

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

Evandro Serafim Lobo Chagas, Brazilian microbiologist and parasitologist (Rio de Janeiro 10 August 1905 – Rio de Janeiro 08 November 1940)

Son of Carlos Chagas

ACHIEVEMENTS

Discovered American Visceral Leishmaniasis and described *Leishmania chagasi*

With A.M. Cunha. Estudos sobre o parasite. In: Leishmaniose Visceral Americana, nova entidade mórbida do homem na América do Sul. Mem. Inst. Oswaldo Cruz 32:239-337, 1937.

Created a serum-agglutination test for diagnosing visceral leishmaniasis

HONORS

Evandromyia Mangabeira Filho 1941 (Diptera)

Evandro de Oliveira

April 9, 2024

[Bibliography](https://neglectedscience.com/category/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 polytetrafluorethylene 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 skarn 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)

Everardo Eels Blanchard

February 26, 2024

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

Everardo Eels Blanchard, Argentine entomologist (Buenos Aires 1899 – Buenos Aires 24 November 1971)

DESCRIBED GENERA

82 Diptera

27 Hymenoptera

6 Hemiptera

HONORS

Blanchardaphis Ortego, Nieto Nafria & Mier Durante 1998 (Hemiptera)

Blanchardiscus De Santis 1964 (Hymenoptera)

Noblanchardia Ghesquiere 1946 (Hymenoptera)

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)

Ewald Favret

February 28, 2024

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

Ewald Alfredo Favret, Argentine agronomist (Zarate, Buenos Aires Province 1921 – Villa Gesell, Buenos Aires Province 24 January 1992)

Son of Swiss immigrants

Authored over 130 papers

Authored pioneer studies on genetic control of endosperm proteins in cereal plants (c.1950)

Demonstrated the presence of many correspondent gene pairs in rust and *Oidium*

Proposed the first regulation systems of plant growth mediated by gibberellins in barley and wheat

Demonstrated the first multigenic families in plants

Hallazgo de una nueva raza de *Erysiphe graminis hordei*. Rev. Invest. Agr. 1:237-40, 1947

HONORS

Senior Research Fellow, National Science Foundation, United States

Ezechias Paulo Heringer

February 29, 2024

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

Ezechias Paulo Heringer, Brazilian botanist and botanical collector (Manhuaçu, Minas Gerais State 05 April 1905 – Brasília 15 January 1987)

Authored over 100 papers

From his collections 154 orchid species and 9 plant species were described as new

DESCRIBED NEW PLANTAE TAXA

Section

Elenaea 1987 with Rizzini (Fabaceae)

Species

Aniba pulcherrima 1976 with Kubitzki

Cassia mystacicarpa 1966 with Rizzini

Cedrela elliptica 1966 with Rizzini

Copaifera bulbotricha 1977 with Rizzini

Cyclolobium nutans 1980 with Rizzini

Dalbergia hortensis 1987 with Rizzini & A. Mattos

Mimosa artemisiana 1979 with Paula

Stryphnodendron barbatulum 1987 with Rizzini

Stryphnodendron confertum 1966 with Rizzini

Stryphnodendron cristalinae 1986

Stryphnodendron gracile 1966 with Rizzini

Stryphnodendron platyspicum 1966 with Rizzini

Stryphnodendron sallesianum 1987 with Rizzini

Virola lieneana 1979 with Paula

Vochysia pseudopumila 1966 with Rizzini

Described new fungi species (at least 8)

With A.C. Batista, G.E.P. Peres & W.A. Cavalcanti. Alguns Mycosphaerellaceae novos e antigos do Planalto Central Brasileiro. Atas Inst. Micol. 3(485):218-37, 1966

With G.P. de P. Lopes. Alguns fungos pouco conhecidos e sete espécies novas em folhas de plantas do Planalto Central Brasileiro (Distrito Federal, Goiás). Arq. Jard. Bot. Rio de Janeiro 25:73-116, 1981

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 otoba* und einen darin enthaltenen neuen Körper (das Otobit). Ann. Chimie und Pharm. Giessen XCL:369-71, 1854

Studied botany, chemistry and medicinal applications of quine under famous chemist Benjamin Silliman

On the chinchona 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 indigenes with great acclaim

He was the first American to obtain an university chair in Europe (Arabian 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 o 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

Fa tsuan Wang

June 30, 2024

[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](#) 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)

Fanghua Li

March 6, 2024

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

Fanghua Li, Chinese crystallographer and microscopist (Hong Kong 06 January 1932 – Beijing 24 January 2020)

Married to physicist Haifu Fan

With Fuson Han & Haifu Fan proposed a new method to estimate the defocus from a single electron micrograph (1986)

A method of studying dislocation core structures by high-resolution electron microscopy. Sci. Techn. Advan. Materials 6(7):755-60, 2005

Proposed a new approach for measuring crystal defects with atomic resolution and the first report on the defect of atomic resolution at the interface of SiGe/Si epitaxial film

Discovered and reported the almost continuous transition process between quasicrystals and crystals besides propose a new method to determine the structure of quasicrystal

Determined the position of hydrogen atoms in the single crystal for the first time (1960s)

With Haifu Fan created a new image processing theory and technology in high-resolution electron microscopy (1970s)

Established an unwinding process technology based on the principle of maximum entropy

Exposed new experimental rules and developed a method for determining the position of light atoms

Proposed pseudo-weak phase object approximation, a new image contrast theory, clarifying the relationship between image intensity and crystal thickness for the first time (1980s)

First to observe lithium atom in crystals

DEVELOPED

Practical image contrast theory and image deconvolution methods

New methods in high resolution electron microscopy

Image processing techniques for the structure and defect determination at atomic level for minute crystals

A new method to solve the inverse problem in high-resolution electron microscopy which eliminated the lens aberration distortion in the observation of crystalline structures

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)

Farhad Ardalan

February 25, 2024

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

Farhad Ardalan, Iranian physicist (Tehran 03 November 1939 –

Internationally recognized for his work in superstring theory

With F. Mansouri proposed the para-string theory (1974)

With H. Arfaei classified 11-dimensional supergravity solutions with a quotient structure (1986)

With M. Abolhassan constructed modular invariant partition functions for Wess-Zumino-Witten-Novikov models via orbifold method (1994)

Discovered non-commutativity in D-branes of string theory (1999)

Co-discovered a new boson with a mass of 125 GeV (2012)

Farida Habib Shah

June 28, 2024

[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](#) 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)

Faustino Miranda

April 3, 2024

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

Faustino Antonio Miranda Gonzalez, Spanish / Mexican botanist and phycologist (Gijón, Asturias 19 February 1905 – Ciudad de Mexico 17 December 1964)

Authored important works on tropical sinecology

DESCRIBED PLANTAE & ALGAE TAXA

Valid Genera

Blomia 1953 (Sapindaceae)

Grajalesia 1951 (Nyctaginaceae)

Pterocereus 1954 with MacDougall (Cactaceae)

Roseodendron 1965

Xolocotzia 1965 (Verbenaceae)

Species

61

Algae Species

Living

Dermocarpa orbicularis 1936 (Cyanobacteria)

Pleurocarpa gallaecica (Cyanobacteria)

Rhodochorton atlanticum 1936 (Rhodophyta)

Strepsithalia liebmanniae 1928 (Phaeophyta)

Fossil

Lithophyllum royo 1935

Melobesia lemoinei 1935

HONORS

Mirandea Rzedowski 1959 (Acanthaceae)

Neomirandea King & Robinson 1970 (Asteraceae)

Faustino Monteiro Esposel

February 27, 2024

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

Faustino Monteiro Esposel, Brazilian neuropsychiatrist (Rio de Janeiro 10 August 1888 – Rio de Janeiro 16 September 1931)

EPONYMY

Codescribed Austregésilo-Esposel sign

With A. Austregésilo. Le phénomène de Babinski provoqué par excitation de la cuisse. *L'Encephale* 7:429-36, 1912.

SOME BIBLIOGRAPHY

With M. Ozorio de Almeida. Sur Le mecanisme Du phenomene Du retrait Du membre inferieur provoqué par La flexion plantaire des orteils. *Revue Neurol.* 2(20):432, 1912.

With A. Austregésilo. Las cenestopatias. *Gac.Med. Sur Esp.* 33:316-19, 1915.

Action de l'anemie experimentale produite par la bande d'Esmarch sur les reflexes. *Revue Neurol.* 23:169, 1916.

Pituitary body. *Ref. End.* 1:533, 1917.

With A. Marques. Thalamussymptome syphilitischer Natur (in Portuguese). *Arch. Bras. Neurol.* 8:7, 1926

Quelques considerations sur la lepre. *Arch. Bras. Neur. Psychiat.* 9(1):3-8, 1927.

With A. Austregésilo. Contribuições brasileiras ao estudo da esclerose lateral amiotrófica. *Bras. Med.* 34:25, 1929.

Em torno do sinal de Babinski. *Arch. Bras. Neurol. Psych.* 11(1):16-30, 1929.

Cerebellite aigue. *Rev. Clinicas, Rio de Janeiro* 4(1);2, 1930.

Fausto Walter de Lima

March 6, 2024

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

Fausto Walter de Lima, Brazilian radiochemist (Franca, São Paulo State 08 January 1920 – São Paulo 15 September 2007)

ACHIEVEMENTS

Proposed a formula relating Souders viscosity constant and parachor for hydrocarbons (1948)

A general relation among the various additive-constitutive physical properties. J. Amer. Chem. Soc. 70:3141, 1948

Developed a method to obtaining uranium with pure nucleus (1961) with Alcidio Abrão; patented in 1968

Developed a method for the separation of rare-earths using ion exchange resins

With A. Abrão. Separation of bismuth from lead with (Ethylenediamine) tetraacetic acid. Application to Radiochemistry (1958)

With A. Abrão e C. Pagano. Recovery of cesium-137 from fission products in wastes of nuclear reactor installations (1959)

With A. Abrão & R.R.Pieroni. Improved urinary excretion test for assay of vitamin B-12 tagged with cobalt-60. Anais Assoc. Bras. Quim. 18:167, 1959.

A versatile and inexpensive pippeting device for radioactive and other dangerous liquids (1960)

With C.M. Silva. A method for the determination of $\text{Sr}/^{90}\text{Sr}$ – $\text{Y}/^{90}\text{Y}$ by using EDTA and ion-exchangers-application to the determination of those radioisotopes in milk (1963)

With A. Abrão & L.T. Atalla. Production of carrier-free phosphorus-32 by using sulphates as material for irradiation

OTHERS

Founder, Journal of Radioanalytical and Nuclear Chemistry

Founder, Radiochemical and Radioanalytical Letters

Fe del Mundo

February 27, 2024

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

Fe Primitiva del Mundo y Villanueva, Philippine pediatrician (Manila 27 November 1909 – Quezón City 06 August 2011)

Authored over 100 articles

First female student at Harvard Medical School (1936)

INVENTIONS

A bamboo radiant warmer used as incubator in rural communities (1973)

A photo therapy device for jaundice relieving

A cloth-suspended scale to weigh infants

BRAT (banana, rice, apple and tea) diet for curing diarrhea

HONOURS

Award, 15th International Congress of Pediatrics (1977)

Federico Ahlfeld

February 25, 2024

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

Federico (Friedrich) Adolf Ernst Ahlfeld, German-born Bolivian geologist and mineralogist (Marburg an der Lahn 06 October 1892 – La Paz 09 January 1982)

Authored 186 works

Described the mineral species ramdohrite (1930) & angelellite (1959)

With R. Herzenberg described the mineral blockite (1935) from which others researchers described and named penroseite (1937)

With J. Muñoz Reyes first to describe the mineral mandarinoite but didn't name it (1955)

With J. Muñoz Reyes first to observe and describe the mineral selenolite (1955) later described and named downeyite

SOME BIBLIOGRAPHY

Mineralogía Boliviana (1966)

Geología de Bolivia. Rev. Museo La Plata (1946)

Estudios geológicos de yacimientos minerales de la Provincia de Jujuy (1948)

HONORS

Ahlfeldite Ramdohr 1935 (Mineral)

Federico Benetti

February 26, 2024

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

Federico José Benetti Rossi, Argentine cardiothoracic surgeon (Rosario, Santa Fe Province 29 November 1947 –

Pioneered and developed the off pump coronary surgery (1978)

Developed a technique for exclusion of the interventricular septum (1986)

Invented MIDCAB operation (1994; patented in 1999), being regarded as one of the founders of minimally invasive cardiac surgery with the North-Americans Richard M. Ferrari & Charles S. Taylor

Developed most of the technology used today for off pump coronary surgery (1995)

Performed a mitral valve replacement using 3D minimally invasive for the first time in the world (1996)

Performed the aortic valve surgery through 2 or 3 intercostal spaces using 3D (1997)

Developed xiphoid approach for minimally invasive coronary artery bypass surgery and performed the first ambulatory coronary operation in the world (1997)

With A. Patel, R. Fernandez Vina, M. Fernandez Vina, L. Geffner & J. Saslavsky presented the first world case report of OPCABG plus simultaneous autologous stem cells implants (2003)

First to implant surgically embryofetal stem cells in patients with heart failure (2005)

With Judie Vivian and Michail Pankratof invented the Cyberheart concept (2005)

Developed most of the technology used worldwide for OPCAB, MIDCAB and MINI OPCAB surgeries

Patented Mini OPCAB (2004)

OTHER CONTRIBUTIONS

A simple, rapid and cheap method to harvest a big quantity of bone marrow, mononuclear cells and CD34⁺, CD38⁻ cells to be used in myocardiogenesis and in myocardial and low-limb angiogenesis (2004)

With M. de Zappetti, A. Zappetti, J. de la Cruz Díez, C. Concetti, L. Geffner & J. L. Rizzardi. Un nuevo dispositivo para anastomosis aortocoronaria proximal. Rev. Arg. Cir. Cardiovasc. 1(2), 2004

With J.L. Rizzardi, L. Pire & A. Polanco. Mitral valve replacement under video assistance through a minithoracotomy. Ann. Thoracic Surg. 63(4):1150-2, 1997

Direct coronary surgery with saphenous vein graft, without extracorporeal circulation or cardiac arrest. Technique and immediate and long-term results. Rev. Cardiol. 12:28, 1994

Alternative technique for the reconstruction of mitral valve direct myocardial revascularization without CEC in patients with acute myocardial transmural infarction (1990)

A new surgical technique for fibrosed interventricular septum. J. Cardiovasc. Surg. 31(1):36-40, 1990

Project and building of a pulse doppler to assess cardiac valves. Rev. Fed. Arg. Cardiol. 11(1):53, 1982

Project, building and utilization of doppler machine of cardiac pulses. Rev. Fac. Med. Univ. Nac. Rosario 10(3):32, 1982

New system of bubble oxygenation. Rev. Arg. Angiol. 7(3):32, 1973

PATENTS

With J. Vivian & M. Pankratof. System for non-invasive heart treatment US9907978 (2014) 20050161051 (2005), 7645276 (2005), 20100160775 (2009), 8696658 (2009), 9907978 (2014), 20160279442 (2016), 20190030361 (2018), 10792511 (2018) & 20200108274 (2019)

With J. Vivian & M. Pankratof. Method for non-invasive heart treatment US20040131150 & 6889695 (2003)

With J. Vivian, M. Pankratof & G. Patterson. Method for non-invasive lung treatment 20050171396 (2004)

With W.N. Aldrich, B.F. Sherman, W.F. Witt, R.M. Ferrari, R.G. Matheny, D.P. Morejohn, B. Regan, C.S. Taylor & I. Sepetka. Access platform for internal breast dissection BR9701027A (1998)

With C.S. Taylor & M.V. Morejohn Xiphoid access for surgical procedures US6199556B1 (1998) & US2004236184A1 (2003)

With C.S. Taylor, W.N. Aldrich, R.M. Ferrari, R.G. Matheny, D.P. Morejohn, B. Regan, E.E. Reis, I. Septeka, B.F. Sherman, W.F. Witt & R.S. Ginn. Access platform for chest operation NO970754DO (1997)

Method for coronary artery bypass 219671B2 (1995), 5888247 (1995), 5947125 (1997), 6332468 (1999) & 20030094180 (2003) & 20070235044 (2007)

With C.S. Taylor et al. Surgical instruments for stabilizing heart during coronary artery bypass graft surgery US6346077B1 (1996), AU1480597A (1997), AU3876201A (2001) & JP2007014807A (2007)

With C.S. Taylor, W.N. Aldrich, R.S. Ginn, D.P. Morejohn, B. Regan, E.E. Reis, I. Septeka & W.F. Witt. Access platform for internal mammary dissection US5944736A (1996)

With C.S. Taylor, W.N. Aldrich, I. Sepetka, R. Matheny, E.E. Reis, B. Regan & R.M. Ferrari. Access platform for internal mammary dissection US5730757A (1996)

With R.M. Ferrari, C.S. Taylor, J.W. Lasersohn, J.J. Akin, R. Ginn & A. Salahieh. Methods and devices for minimally invasive coronary artery revascularization on a beating heart without cardiopulmonary bypass US5875782A (1996)

With C.S. Taylor et al. Surgical instruments and procedures for stabilizing the beating heart during coronary artery bypass graft US8277476B2 (1996)

With R. Matheny & C. Taylor. Surgical devices for imposing a negative pressure to stabilize the cardiac tissue during surgery 5906607A (1996), EP0791329B1 (1997) & 20070149844 (2007)

HONOURS

Recognized as father of coronary surgery with the beating heart by Oxford University, UK (1996)

Award, College of Medicine, Yonsei University, South Korea (1999)

Award in recognition of your outstanding contribution to cardiac surgery, 18th Congress of World Society of Cardio-Thoracic Surgeons (2005)

Invented a mechanical stabilizer for immobilizing coronary arteries during surgery for which obtained the R& D award from Academy of Sciences & Arts from Chicago (1998)

LINKS

<https://www.ctsnet.org/home/fbenetti>

www.fundacionbenetti.org/benettis-cv

Federico Bonet

February 26, 2024

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

Federico Bonet Marco, Spanish-born Mexican entomologist, speleologist and palaeontologist (Madrid 18 October 1906 – Ciudad de Mexico 10 June 1980)

DESCRIBED GENERA

Protura

Bolivaridia 1942

Silvestridia 1942

Fossil Protozoa

Calcisphaerula 1956

Colomiella 1956

Fossil Ostracoda

Microcalamoides 1956

Collembola

Acanthisotoma 1942

Acherontides 1945

Folsomiella 1930

Harlomillsia 1944

Mesogastrura 1930

Orchesellides 1930

Pachytullbergia 1947

Pararrhopalites 1947 (with Tellez)

Parasinella 1934

Parasira 1930

Sinelloides 1942

Spelaeogastrura 1945

Tafallia 1946

HONORS

Bonetiella Rzedowski 1957 (Anacardiaceae)

Bonetocardiella Dufour 1968 (Fossil Protozoa)

Bonetesmus Chamberlin 1942 (Myriapoda)

Bonetogastrura Thibaud 1974 (Collembola)

Bonetrura Christiansen & Bellingher 1980 (Collembola)

Federico Gomez Santos

February 29, 2024

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

Federico Gómez Santos, Mexican pediatrician (Coahuila de Zaragoza 17 November 1898 – Ciudad de Mexico 09 February 1980)

Developed Gómez scale for classifying anthropometric-based infantile desnutrition

Gave a definition of malnutrition and divided it into primary and secondary

Definitely identified the disease of malnutrition, simplified the terminology, established the basis for a clinical classification (weight for age), described the different degrees of intensity of the disorder and the treatment for each degree and gave as a common cause the deficient assimilation of food by the organism

Gave a definition of malnutrition and divided it into primary and secondary

Desnutrición. Boletín Med. Hosp. Inf. 3 (4):543, 1946

With J. Cravioto & R. Ramos Galván characterized the child severe malnutrition

First described nutritional recovery syndrome

With J. Cravioto & R. Ramos Galván. Nutritional recovery syndrome (Preliminary report). Pediatrics 10:513-26, 1952

Showed that third-degree child malnutrition and kwashiorkor are the same thing

With J. Cravioto, R. Ramos Galván & S. Frenk. Desnutrición de tercer grado en Mexico (kwashiorkor en Africa). Bol. Med. Hosp. Inf. 9(3):281, 1952

With J. Cravioto established new criteria in child growth dynamics and development

With R. Ramos Galván showed the chlorine concentration in the sweat and described the pattern of plasmatic amino acids showing the transient existence of metabolic blocks similar to congenital errors of metabolism

PAPERS IN RELEVANT PERIODICALS

With R. Ramos Galván, J. Cravioto & S. Frenk. Prevention and treatment of chronic severe infantile malnutrition (kwashiorkor). Ann. N.Y. Acad. Sci. 69(5):969-81, 1958

With R. Ramos Galván, J. Cravioto, S. Frenk, J. Vazquez Santaella & C. de la Peña. Fat absorption in chronic severe malnutrition in children. Lancet 268(6934):121-2, 1956

Federico Grande Rossi

February 29, 2024

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

Federico Grande Rossi, Cuban bacteriologist and pathologist (Matanzas 14 December 1866 – La Habana 11 July 1942)

From Spanish father and mother of Italian ancestry

With E. Acosta Mayor described the fungus species *Cladothrix invulnerabilis* (1898)

With E. Acosta. Medios de cultivo. Nuevo procedimiento para preparar a gelatina. Cron Med-Cir. 14, 1892

With E. Acosta. Ureometro pratico (1892)

Proposed an improvement of Roux flask for employing potato as culture medium (1904)

Nuevo signo diagnostico en el ulcus (1917)

HONORS

Membre Associée Etranger, Société de Hygiene de Paris (1893)

Federico Islas

February 29, 2024

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

Federico Islas Salas, Spanish-born Mexican forest entomologist (fl.1942-88)

DESCRIBED TAXA

Genus

Cartwrightia 1958 (Coleoptera)

Species

Ataenius benjaminbanderae 1955

Cartwrightia intertribalis 1958

Geomyphilus barrerae 1955

Geomyphilus coronadoi 1955

Geomyphilus macgregori 1955

Gonaphodiellus hoffmanni 1946

Neotrichonotulus urangai 1955

Nettelislasia euparinoides 1945

Pseudagolius caballeroi 1945

HONORS

Nettelislasia Martínez 1952 (Coleoptera)

Federico Kurtz

March 2, 2024

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

Friedrich (Federico) Kurtz, German-born Argentine botanist and paleobotanist (Berlin 06 March 1854 – Cordoba 23 August 1920)

DESCRIBED PLANTAE TAXA

Living

Species

Androsace salasii 1900
Atriplex cachiuyu 1897
Ballota hildebrandtii 1875 with Vatke
Brodiaea poeppigiana 1893
Caesalpinia riojana 1921
Carex circinata 1894
Carex lyonii 1894
Carex rahuiensis 1894
Chamelum bodenbenderi 1893
Diplachne mendocina 1897
Elymus albowianus 1896
Elymus barbatus 1897
Elymus spagazzinii 1900
Eupatorium vernale 1871 with Vatke
Gutierrezia spathulata 1893
Jaborosa andina 1897
Lesquerella mendocina 1883
Leucheria contrayerba 1893
Ligusticum alpinum 1894
Neosparton andinum 1894
Parrya nudicaulis 1894
Perezia pilifera 1894
Potentilla sibbaldia 1894
Saxifraga albowiana 1896
Selinum benthamii 1894
Selinum gmelini 1894
Senecio paradoxus 1900
Sphacele griosebachii 1893

Fossil

Genera

Bergiopteris 1921
Botrychiopsis 1894

Perseophyllum 1902

Species

Abietites valentini

Araucarites patagonica

Archangelskya protoloxsoma

Bergiopteris insignis 1921

Botrychiopsis weissiana 1894

Cladophlebis mendozaensis 1902

Cladophlebis mesozoica

Dicroidium (Xylopteris) argentina 1921

Dicroidium pinnis-distantibus

Diplothemna bodendenderi

Eusphenopteris sanjuanina

Fedekurtzia argentina 1921

Kurtziana cacheutensis

Otozamites ameghinoi

Otozamites barthianus

Otozamites rothianus

Perseophyllum hauthaliana 1902

Rhacopteris szajnochai

Sphenobaiera argentinae

Sphenopteris jocoliensis

Yabeiella brackebuschiana

HONORS (Plantae)

Kurtziana Frenguelli 1942 (Fossil)

Fedekurtzia Archangelsky 1981 (Fossil)

Kurzamra Kuntze 1891 (Lamiaceae)

Federico Lleras Acosta

March 6, 2024

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

Federico Pablo de la Cruz Lleras Acosta, Colombian veterinarian and bacteriologist (Bogotá 27 April 1877 – Marseille, France 18 March 1938)

Father of president Carlos Lleras Restrepo and cousin of president Alberto Lleras Camargo

ACHIEVEMENTS

Lleras test or method for leprosy diagnosis and prognosis

Lleras reaction for syphilis diagnosis

Lleras Acosta technique for bacterioscopy of lymph nodes

SOME BIBLIOGRAPHY

Pruebas de la especificidad de un bacilo aislado de la sangre de leprosos. Rev. Fac. Med. Bogotá 5(2):99-155, 1936

Algunas consideraciones sobre la biología del bacilo de Hansen. Rev. Fac. Med. Bogotá 1(12):925-35, 1935

Nuevas orientaciones en el tratamiento de la infección puerperal generalizada por los antiviruses en inyección interavenosa. Rev. Fac. Med. Bogotá 1(6):357-70, 1932

Un caso de osteocondritis costal tífica con vacunas y antiviruses. Rev. Fac. Med. Bogotá 1(3):152-4, 1932

Diagnostico bacteriológico de la peste. Rev. Higiene 6(87), 1914

Piroplasmosis bovina (1908)

Ranilla o malária bovina en la Sabana de Bogotá. Diagnostico diferencial con la fiebre carbunclosa (1908)

Infecciones de la leche. Rev. Nac. Agric. 9:147-9, 1906

El carbón bacteridiano. Rev. Nac. Agric 1(6):44-8, 1906

Higiene de carnes. De las diversas condiciones que alteran la calidad de las carnes y perjudican la conservación de ellas, en las reses sacrificadas em el matadero de Bogotá (1899)

Contribución al estudio del carbón sintomático

Nuevas orientaciones en el diagnostico de la tuberculosis

Federico Rutllant

April 23, 2024

[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)

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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)

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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 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 teoria 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 latitude y longitude 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](#) 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](https://neglectedscience.com/category/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 tecnologico (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 Nery Guimarães

February 29, 2024

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

Felipe Nery Guimarães, Brazilian parasitologist and tropical physician (Belém 25 May 1910 – Rio de Janeiro 1975)

ACHIEVEMENTS

Developed yaws treatment employing penicillin

With A.M. da Cunha, A.E. Area Leão & H.T. Cardoso. Ensaios terapêuticos com penicilina. I Boubas (framboesia, pian, yaws). Mem. Inst. Oswaldo Cruz 40: 1825, 1944

Performed the first reproducible studies on cultivation of *Toxoplasma gondii* in tissue culture and described criteria for it

First to report active penetration of *Toxoplasma gondii* into cells and described the conoid organelle in this genus

With Hertha Meyer. Cultivo de *Toxoplasma Nicolle* e Manceaux, 1909 em culturas de tecidos. Rev. Bras. Biol. 2(1):123-9, 1942 (Separata)

Described the exanthematic form of toxoplasmosis (1941-3) independent from Pinkerton & Henderson (1941)

World Health Organization (WHO) expert on infectious and parasitary diseases

SOME BIBLIOGRAPHY

With L. Deane. Aspectos interessantes de phagocytose observados na leishmaniose visceral e na malária. Mem. Inst. Oswaldo Cruz 33:263-79, 1939

Toxoplasmose humana meningoencefalomielite toxoplasmica: ocorrência em adulto e recém-nascido. Mem. Inst. Oswaldo Cruz 38:207-320, 1943

With G. Jansen. Novo transmissor silvestre do *Trypanosoma (Schizotrypanum) cruzi* (Chagas, 1909). Mem. Inst. Oswaldo Cruz 38: 437-41, 1943

With A.E. Area Leão & G. Nóbrega. Ensaios terapêuticos com penicilina. II. Sífilis. Mem. Inst. Oswaldo Cruz 41:237, 1944

Sobre a chamada “doença de Osgood-Schlatter”; sua ocorrência em boubáticos com “boomerang-leng”. (Preliminary note). Brasil Médico 60:399-400, 1946

Visceralização da *Leishmania brasiliensis* Viana 1911, em hamsters (*Cricetus cricetus*). Brasil Medico 61, 1947

Manifestações boubáticas discrômicas simulando pinta (caratê, mal de pinto, puru-puru). Brasil Médico 61:81-87, 1947

Manifestações boubáticas tardias semelhando quadro clínico de pinta terciária. Mem. Inst. Oswaldo Cruz 45: 307, 1947

With B.A. Rodrigues. O puru-puru da Amazônia (Pinta, Carate, Mal de Pinto, etc.). Mem. Inst. Oswaldo Cruz 135, 1948

Effect of chloromycetin and dihydrostreptomycin on tropical framboesia. O Hospital 39:63, 1951

Leishmaniose experimental. II. Comportamento da *Leishmania brasiliensis* Vianna 1911 em hamsters (*Cricetus (Mesocricetus) auratus* Waterhouse). O Hospital 40:25-46, 1951

Leishmaniose experimental. IV. Reprodução em hamsters (*Cricetus auratus*) de uma leishmaniose cutânea nodulotumoral oriunda da Amazônia (histiocitoma leishmaniótico). O Hospital 40, 1951

Infecção do hamster (*Cricetus auratus* Waterhouse) pelo agente da micose de Lutz (blastomicose sul-americana). O Hospital 40:515, 1951

With L.C. Rezende, Z. Picarelli & J.R. Valle. Concentração de íons e reatividade farmacológica da musculatura lisa genital masculina de ratos. Ciencia e cultura 4:119, 1952

Sensibilidade do hamster (*Cricetus (Mesocricetus) auratus* Waterhouse) ao *Treponema pertenue*. Anais Inst. Med. Tropical (Lisbon) 10:655-62, 1953

Estado atual do conhecimento da forma lepromatóide da leishmaniose tegumentar. O Hospital 67(1):57-76, 1965

Pesquisas sobre a imunidade da framboesia tropica no homem. Mem. Inst. Oswaldo Cruz

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. Arquitect. 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