

Neglected Science: Expanding the Horizons of Science - Chapter II

Ebook - Chapter II

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- Studies on the embryology of Microchiroptera. Part VI. Structure of the placenta in the Indian vampire bat, *Lyroderma lyra lyra* (Geoffroy) (Megadermatidae). *Proceed. Ind. Acad. Sciences* 16:93-8, 1950
- Studies on the embryology of Microchiroptera. Part V. Placentation in the vespertilionid bat, *Scotophilus wroughtoni* (Thomas). *Proceed. Ind. Acad. Sciences B* 31:235-51, 1950
- Studies on the embryology of Microchiroptera. Part III. Reproduction in the male vespertilionid bat, *Scotophilus wroughtoni* (Thomas). *Proceed. Ind. Acad. Sciences* 27:137-51, 1948
- Studies on the embryology of Microchiroptera. Part II. Histological changes in the genital organism and the accessory reproductive structure during the sex cycle of the vespertilionid bat, *Scotophilus wroughtoni* (Thomas). *Proceed. Ind. Acad. Sciences* 30:17-46, 1949
- Studies on the embryology of Microchiroptera. Part I. Reproduction and breeding seasons in the South Indian vespertilionid bat, *Scotophilus wroughtoni* (Thomas). *Proceed. Ind. Acad. Sciences* 26(6) Ser. B:219-32, 1947

HONOURS

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

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

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

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

Torrechrysius 1936

Subspecies

Zachrysia petitiana virescens 1943 with Torre

HONORS

Subg *Morenodendrium* Odening 1969 (Trematoda)

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/abrahao.html> (link)

Abrahao Iachan

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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 proteinas (1977)

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

Utilization of vinasse as culture medium for microorganisms

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 García 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 ptomáinas 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. Chaccur 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. Chaccur, 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 biosprosthesis 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, Societ  de Chirurgie Thoracique et Cardiovasculaire de Langue Fran aise (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 variola was filterable 5 years before Negri (published only in 1906)

Adinath Lahiri

March 2, 2024

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 nitrogeenous 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 US3,338,388 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 to 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 & Spores)

LINKS

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

Adnan Hamoui

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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. Papapetreou 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 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 dados 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 *Analítica 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. Erlji. 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/colecionacional/docs/espanol/martinez_palomo.pdf (in Spanish)

Adolpho Carlos Lindenberg

March 6, 2024

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

February 29, 2024

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

Ceraleurodicus 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

BibliographySee <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)

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-Mogliola-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 Garaventa

February 28, 2024

[Bibliography](https://neglectedscience.com/category/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. *lilacina* 1971

HONORS

Garaventia Looser 1945 (Amaryllidaceae)

Ahmad Khan Jamil

March 1, 2024

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

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>.

Ahmet Can Ibrahim

February 29, 2024

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

Ibrahimispores Artüz 1957

Ibrahimipollenites Ergönül 1960

Canisporites Nakoman 1975

Okayisporites Agralı 1969

Aida Hasson-Voloch

February 29, 2024

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

Aída 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. Ciencias* 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

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)

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
Onchapelma 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 Ardoin 1963 (Coleoptera)

Hesseops Koch 1958 (Coleoptera)

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 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 probabilidad. 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](https://neglectedscience.com/category/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 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 opuntiaoides 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 Ribeiro Lamego

March 6, 2024

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

Alberto Ribeiro Lamego, 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-granitite

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 *Lamegoia* Paula Couto 1952 (Fossil Mammalia)

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

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

Alércio Moreira Gomes

February 28, 2024

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

Alfonso Herrera (father & son)

February 29, 2024

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

Alfonso Luis Herrera López, Mexican naturalist (Ciudad de Mexico 03 July 1868 – Ciudad de Mexico 17 Setember 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 teoría biológica. La hidratación de los coloides en sus relaciones con el crecimiento y la patología. Medicina (1921)

Nueva teoría cosmogónica 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 hipótesis 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 pontos de fisico-química. Mexico (1916)

Discovered special organs on the orthopteran pads for sonic perception

Organos receptors nas patas de los insectos. Mem. Ac. Cien. A. Alzate 53:41, 1932-3

HONOURS

Member, Reale Accademia di 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 antidyseptic 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)

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 Martínez. 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 Jahn

March 1, 2024

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

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)

Allen & Leda Hagler

February 29, 2024

BibliographySee <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 Morais, Rosa & Meyer

Candida middelhoveniana 2011 with Ribeiro, Carvalho, Cabral & Berbara

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)

Alphonse Richard Hoge

February 29, 2024

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

Gloydius 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

Rhinocerocephis 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)

Alvaro Mones

April 3, 2024

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

Nechoerus 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)

Ambat Gopalan Kutty Menon

April 3, 2024

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

Horalabiosa 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>

Amilcar Vianna Martins

April 3, 2024

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

Amílcar 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 correalimai 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 ruparupa 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 schreiberi 1975 with Falcão & Silva

Hemiptera

Species

Spiniger lenti 1942

Triatoma arthurneivai 1940 with Lent

HONORS

Subgenus *Viannamyia* Mangabeira Filho 1941 (Diptera)

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 Giuliatti

February 28, 2024

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

Ana Maria Giuliatti 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 notícias 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)

Andrejus Korolkovas

March 2, 2024

Bibliography See <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 Farmacêutica (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 aínas 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. Krettli. 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 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 1177(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. D9:1670, 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

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 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.

Ancoraspora 1998 with Mena Portales & Heredia

Cheiromyces 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)

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

Austroropeibasis 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)

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)

Anna Kohn

March 2, 2024

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

Centrades 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)

Annibal de Mattos

April 3, 2024

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

Annibal 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

Anthonie Johannes Theodorus Janse

March 1, 2024

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

Antonio Correia de Lacerda

March 6, 2024

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

Amibiase 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 de Leon y Gama

March 6, 2024

[Bibliography](https://neglectedscience.com/category/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 Divino de Moura

April 3, 2024

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

Antonio Divino de Moura, Brazilian meteorologist (Ituitutaba, 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](https://neglectedscience.com/category/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 Galves

February 28, 2024

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

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 normalized to a homogeneous Poisson point process.

With P. Collet. Statistics of close visits to the indifferent fixed point of an interval map. J. Statist. 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. Statist. 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 Krapovickas

March 2, 2024

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

Antonio Luiz Patricio 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 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](https://neglectedscience.com/category/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

Calyptanthus zanquinensis 1953

Casearia sericea 1961 with Williams

Cassia mensarum 1951

Cassia tapahuasana 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](#) 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 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)

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 microquímico de los cationes mas comunes em las mezclas complejas. Presented in Segundo Congreso de Química, 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 reconociminto 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

Aristides Azevedo Pacheco Leão

March 6, 2024

[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 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'appareil de Seiffert. Acta Otolaring. Stockholm 19(4),

Eponym of Aristides Monteiro stellate ganglion block or sympathetic block

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

Diplotropis 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 harwood 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 *Luetzelburgia* 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. Ensaios 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. Ensaios 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 Gomez Puyou

February 28, 2024

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

Armando Gómez Puyou, Mexican biochemist (San Luis Potosi 02 April 1934 – Ciudad de Mexico 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 Ca²⁺ carrier independently of Carafoli (1971)

With M. Tuena de Gomez Puyou, G. Becker & A. Lehninger. An insoluble Ca²⁺ 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 Teodoro Hunziker

February 29, 2024

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

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/>.

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 tacipyrines 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)

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 paracoccidioidomycosis

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 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 Leysdorf 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 Zerust and Zwartuggens. 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 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 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

Asha Mathur

April 3, 2024

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

Astrogildo Machado

April 3, 2024

[Bibliography](https://neglectedscience.com/category/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 substâncias reguladoras de reacção para o fim de estabilizar preparações de mercúrio destinadas a emprego em therapeutica (1930)

HONORS

Machadoella Reichenow 1934 (Protozoa)

Atam Prakash Kapur

March 2, 2024

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

Atila Gosztonyi

February 28, 2024

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

Attilio Macchiavello

April 3, 2024

[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- peste 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 bartonellosis 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 adenomielosclerosis, 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>

Augusto Severo Maranhão

April 3, 2024

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

Avadh Behari Misra

April 3, 2024

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)

Aylthon Brandão Joly

March 1, 2024

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

Pteroclatiella taylori 1957

Rhipilia fungiformis with Ugadim

Scinaia brasiliensis 1965 with Cordeiro Marino

Spermothamnion nonatoi 1957

Spyridiocolax 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)

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)

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)

Barend Cornelius Jansen

March 1, 2024

[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)

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.

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)

With J. Couceiro Simões, W.J. Cretney, M. Hearn & J.P. Kutney. The alkaloids of *Aspidosperma cuspa*: 16-epi-isositsirikine, a new indole base. *Phytochem.* 15:543-4, 1976

With W. Vichnewski, S.J. Sarti & W. Herz. Goyazensolide, a schistosomicidal heliangolide from *Eremanthus goyazensis*. *Phytochem.* 15(1):191-3, 1976

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

With M. F. Santos Filho, W.B. Mors & N.T. Nishida. Two new diterpenes from *Pterodon pubescens* Benth. *Anais Acad. Bras. Ciencias* 42:97-101, 1970 (Suppl)

With L.D. Antonaccio, J.C. Braekman, C. Hootle, C. Van Moorleghe, 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. Carapanabine, a new alkaloid from *Aspidosperma carapanaba* 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 Brissolèse, 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, cylindrocarpine and pyrrolidine. *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)

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

Bernardino Mateu Amengual

April 3, 2024

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

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 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, lipotrophic 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. Lipotrophic diabetes: a new variant characterized by tapeto-retinal degeneration, late onset, generalized lipotrophy, insulin-resistant hyperglycemia and hyperlipidemia. *Israel J. Med. Sciences* 8(6):793, 1972

Bernhard Gross

February 29, 2024

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

Berta Gerschman de Pikelin

February 29, 2024

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

Berta Sofia 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/DivAni/aracnol/schiapelli.html>

Bertha Lutz

March 6, 2024

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

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)

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

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)

Braulio Moyano

April 3, 2024

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

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)

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)

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 vigintiseta 1984 with Park

Folsomia bidentata 1974

Folsomia hexasetosa 1977

Folsomia minuta 1994 with Kim

Friesea rosea 2000 with Kim

Granaturida koreana 1984 with Lee

Granaturida 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 odongnyeensis 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 seolagensis 1983
Thalassophorura kwona 1994 with Thibaud
Tomocerus caputviolaceus 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
Leeonychirus 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)

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 teoría 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 teoría 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 trigonométrica. Rev. Centro Estud. Ingen. 165 (1916)

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

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

Carl Curt Hosseus

February 29, 2024

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

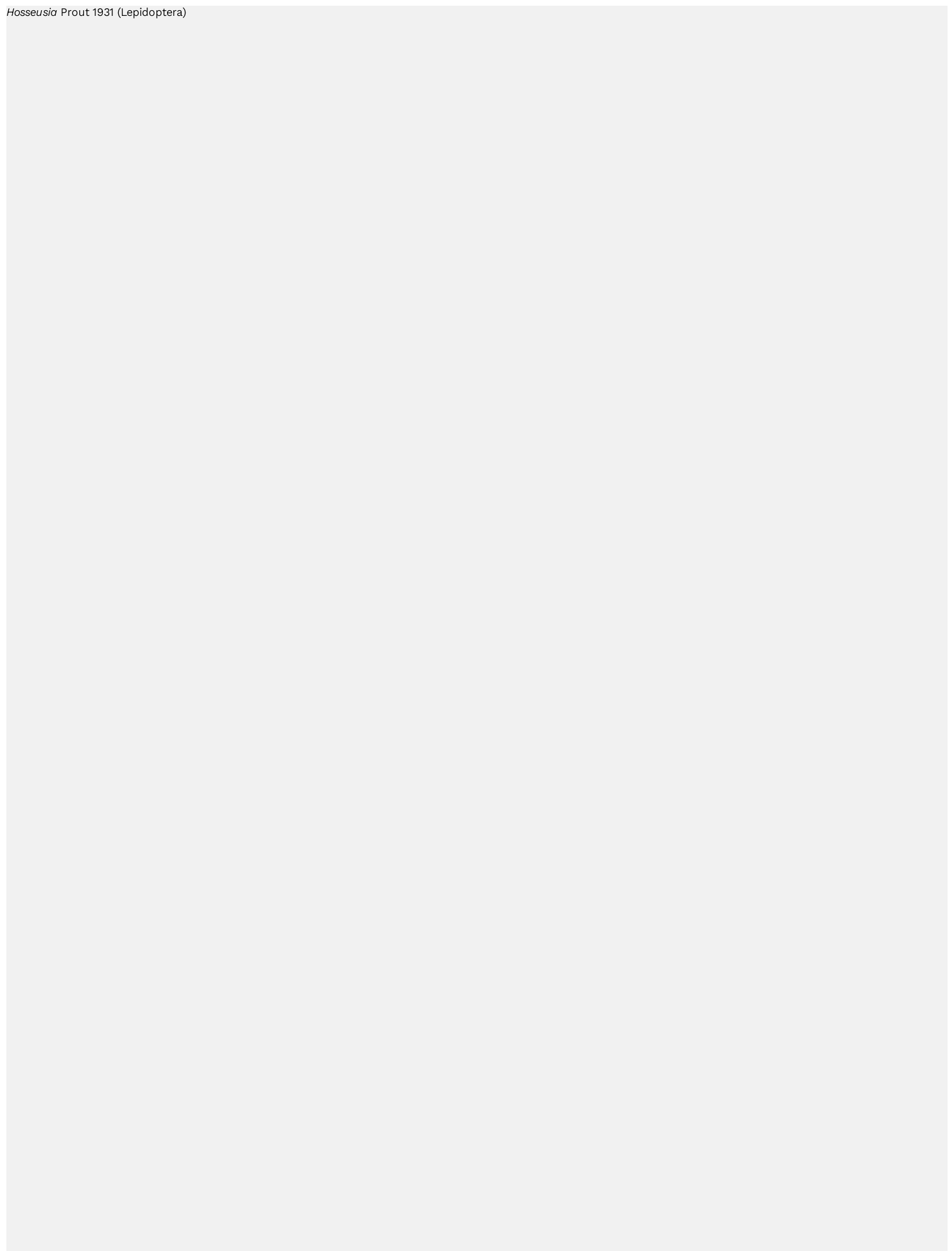
- Aeschynanthus macrocalyx* 1907
- Astragalus tafelii* 1938
- Bauhinia harmsiana* 1907
- Begonia mouhotiana* 1911
- Berberis argentinensis* 1921
- Buddleja iresinoides* 1926
- Cassia kuntzei* 1921
- Ceratostigma stapfianum* 1911
- Croton hutchinsonianus* 1911
- Echinocactus bodenbenderianus* 1929
- Escallonia 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 Gyelnik 1940 (Lichenes)



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. Andriat 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](https://neglectedscience.com/category/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 Stipanivic

Dictyophyllum castellanosi with Stipanivic

Dictyophyllum chihuihuensis

Dictyophyllum tenuifolium 1949 with Stipanivic

Dictyophyllum tenuiserratum

Dictyozamites crassinervis

Dictyozamites latifolius 1972

Dictiozamites minusculus

Equisetites quindecimdentata 1958

Hausmannia feltisiana with Stipanivic

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
- Perdusenia* 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 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 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 Comission 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'etude 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

Puerímetro. 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 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 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 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)

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 congênicas, associadas a presença, nos respectivos tecidos de um novo parasita, *Encephalitozoon chagasi*. Bras. Med. 42:1-14, 1928

Described anatomopathologically the toxoplasmosis

Described Magarinos Torres bodies, oxychromatic bodies with intranuclear inclusions in hepatic cells affected by yellow fever

Inclusions nucleaires acidophiles (dégénérescence oxychromatique) dans le foie de *Macacus rhesus*, 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 typo 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 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. Ciências 47(1), 1975

Grupo fundamental e revestimentos (1969)

On a conjecture in homotopy. Anais Acad. Bras. Ciências 37(2):167-84, 1965

Espaços do tipo de homotopia de poliedros finitos. Anais Acad. Bras. Ciências 31(2):14-5, 1959

On circle boundles over complex projective spaces. Anais Acad. Bras. Ciências 31(1):17-24, 1959

On the homotopy type of a factor space. Anais Acad. Bras. Ciências 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 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 Ernesto Gordillo

February 29, 2024

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

Coccidiella miconiicola 1944

Lembosia perseae 1944

Meliola antioquensis 1944

Meliola venzeuelana 1944

Meliola xylosmanticola 1944

Meliola xylosmicola 1944

Microthyrium phoradendri 1944

Microthyrium rhombisporum 1944

Parodiopsis bicornata 1944

Phaeotrabutia isabellae 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 merianiaae 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 Henrique Liberalli

March 6, 2024

[Bibliography](https://neglectedscience.com/category/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. Quím. 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](https://neglectedscience.com/category/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 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 Larralde Rangel

March 6, 2024

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). Oppl 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. Martinez Villalobos, J.E. Sotelo Morales, E.L. Sciutto Conde, K. Manoutchian Airapetiani, G. Gevorkian Markosian, E. Garcia Mendoza & M.A. Huerta Orea. Tres péptidos sintéticos para utilizarse en la vacunación y diagnostico de cisticercose por *Taenia solium* MX1998005424, MX2002007436, MX2002007437 & MX2002007438

With J.P. Laclette, R.M. Montoya, T. Govezenensky, M.L. Díaz Servín & F. Goodsaid Zalduondo. 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 Lisson Beingolea

March 6, 2024

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

Duplaspidotus koehleri 1954

Eriophyes brethesi 1917

Eudinaspis joergenseni 1942

Eulecanium perinflatum 1939

Greenoidea lahillei 1939

Gyropsylla spegazziniana 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 Moreira

April 3, 2024

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

Hyalella 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 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 precursa 2012 with Waterhouse

Atomodesma amleri 2012 with Waterhouse

Cypricardinia 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)

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 gland s 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 tegumentar 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 presente 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 tegumentar 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)

Celina Maria Matteri

April 3, 2024

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

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 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

Cevat Hezarfen

February 29, 2024

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

Cevat Hezarfen, Turkish geologist (Yeniçaga 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)

Chakravarthula Manoharachary

April 3, 2024

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

Beltramonio 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

Goosomyces 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

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 geajedoensis 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

Pseudovelia (Pseudovelia) koreana 1963 with Miyamoto

Pseudovelia (Pseudovelia) 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

Tinginotum 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 kiensis 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

Simulatocalles 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) cbrisana 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)

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](https://neglectedscience.com/category/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 amyae 1940

Plectothrips capensis 1937

Plectothrips giganteus 1937

Podothrips longiceps 1937

Rhipiphorotherips miemsae 1937

Scirtothrips fumipennis 1937

Synaptothrips psoraleae 1937

Zuluella distincta 1939

HONORS

Jacotia Faure 1940 (Thysanoptera)

Jacotitypus Heinrich 1967 (Hymenoptera)

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 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.

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)

Liua Zhao & Hu 1983

Liuxalus 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

Liua 1983 with Zhao

Species

At least 36 (30 of them described joint to her husband)

HONORS

Huia Yang 1991 (Amphibia)

Liuhurana Fei, ye, Jiang, Duboi & Chen 2010

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

Chin-Chih Jao

March 1, 2024

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

Christian Ludwig Landbeck

March 6, 2024

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

Christine Sophie Kabuye

March 2, 2024

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

Alloeochoete geniculata 1975

Alloeochoete gracillima 1975

Alloeochoete 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](#) 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 homologation 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 nelst 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

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. Orquideologia 14:46-54, 1979

Myrmecophilous orchids. Aspects of a singular symbiosis. Orquideologia 12:209-32, 1977

Los kikis y la multiplicación vegetativa de orquideas por hijos adventicios. Orquideologia 12:81-93, 1977

HONORS

Horichia Jenny 1981 (Orchidaceae)

Clodomiro Marticorena

April 3, 2024

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

Clodomiro Fidel Segundo Marticorena Pairoa, Chilean botanist (Hualde, 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 zapahuirensis 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)

Clotilde Jauch

March 1, 2024

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

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

SOME BIBLIOGRAPHY

The etiology of phrynoderma. Ind. Med. Gaz. 82:16-20, 1947

The lathyrism syndrome. RSTMH-T 44:333-8, 1950

Some cutaneous disorders related to malnutrition. Ind. J. Dermatol. Venereol. Leprol., p. 2311-8, 1957

With B. Belavady. Chemical composition of human milk in poor Indian women. Ind. J. Med. Res. 45:234-45, 1959

With B. Belavady. Effect of dietary supplementation on the composition of breast milk. Ind. J. Med. Res. 46, 1960

Possible role for dietary leucine in the pathogenesis of pellagra. Lancet 1:697-9, 1959

With S.G. Srikantia. Leucine and pellagra. Lancet 2: 954-7, 1960

With S.G. Srikantia. Kwashiorkor and mental development. Am. J. Clin. Nutr. 21:844, 1968

With T.V. Madhavan. Effect of dietary protein on carcinogenesis of aflatoxin. Arch. Pathol. 85:133-7, 1968

With K.S.J. Rao & S.G. Srikantia. Plasma cortisol levels in protein calorie malnutrition. Arch. Dis. Child 43:365-7, 1968

With S.G. Srikantia & L. Vasantha. Biochemical changes in the skin in kwashiorkor. Am. J. Clin. Nutr. 23(1):78-82, 1970

With B. Yadgiri, V. Reddy, P.G. Tulpule & S.G. Srikantia. Aflatoxin and Indian childhood cirrhosis. Am. J. Clin. Nutr. 23(1):94-8, 1970

Pellagra in sorghum eaters. Proceed. First Asian Congress of Nutrition, Hyderabad, p.661-9, 1972

With M.C. Swaminathan, V.K.K. Kumari, D.H. Rao & K. Vijayaraghavan. Effect of calorie supplementation on growth of undernourished children. Am. J. Clin. Nutr. 26:563-6, 1973

With Y.G. Deosthale. The effect of molybdenum levels in sorghum (*Sorghum vulgare* Pers.) on uric acid and copper excretion in man. Brit. J. Nutr. 31:451, 1974

With K.S. Jaya Rao. Pellagra and aminoacid imbalance. Vitam. Horm. 33:505-28, 1975

With T.V. Madhavan. Effect of dietary protein on aflatoxin injury in weanling rats. Arch. Pathol. 80:123-6, 1975

With K. Krishnawamy. Famine oedema. Progr. Food Nutr. Sci. 1(3):207-24, 1975

Vitamin A and child mortality. Bull. Nutr. Found India 11:1-3, 1990

Vitamin A deficiency and childhood malnutrition. Lancet 340:177-8, 1992

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>

Cristobal Hicken

February 29, 2024

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

Cristóbal María 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

Gallardoia 1916 (Malpighiaceae)

Holmbergia 1909 (Chenopodiaceae)

Species

62

Forms

31

Varieties

47

Cyril Jackson

March 1, 2024

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

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

Damodar Dharmananda Kosambi

March 2, 2024

[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

Daniel Gerhardus Krige

March 2, 2024

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

Dario Mendes

April 3, 2024

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

Dattathreya Ramachandra Kaprekar

March 2, 2024

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

February 29, 2024

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

Dayou Ma

April 3, 2024

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

Debabrata Lahiri

March 6, 2024

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

Desmond Arthur Harrison

February 29, 2024

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

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

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

Brasilestiloxyton 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)

Dionysius Von Klobusitzky

March 2, 2024

[Bibliography](https://neglectedscience.com/category/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. Konig. Biochemical study of snake venom from the genus *Bothrops*. Arch. Exp. Pathol. Pharmacol. 192:271-5, 1939

With P. Konig isolated Batroxobin (Reptilase) from *Bothrops* venom (1936)

Isolated bothropotoxin and bothropothrombin 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)

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 enstentization 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](https://neglectedscience.com/category/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 megalonesa 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 Boeady & 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)

Domingo Felix Gimenez

February 29, 2024

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

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

SOME BIBLIOGRAPHY

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](https://neglectedscience.com/category/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 reaction actuelle des solutions. Bull. Societé Chimie Biol. 7:652-64, 1925

Ein neuer ausdrück für die aktuelle reaktion der Losungen. 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

Teoria 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. Quím. Farm. Univ. Montevideo 2, 1938

Expresión de la reacción y cálculos potenciometricos em 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. Quím. 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 atômicos 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 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)

See <http://fdliotta.org> See <http://fdliotta.org/curriculum.htm>.

Domingo Luciani

March 6, 2024

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

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 fistulas estercorales (1932)

Estenosis segmentaria aislada de origen poradenico en el colon descendente (1941)

Gangrena de la mano por arteritis. Arterectomia de la axila. Curación (1951)

Parotidectomia total por tumor mixto con conservación facial (1952)

HONORS

Emeritus Member, International Society of Surgery

Domingo Madan

April 3, 2024

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

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. Ambliopía 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. Pírexias 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 ambliopía alcohólica (1888)

Domingo Mauricio Gómez

February 29, 2024

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). Actualités 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 thérapeutique 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 décroissance, 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 angiocinétique: etude rationnelle 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

Domingos Arthur Machado Filho

April 3, 2024

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

Donald Killick

March 2, 2024

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

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

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 & Bokspuite (1935)

Rhodesite (1957)

HONORS

Mountainite Gard, Taylor e Chalmers 1957 (Mineral)

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 isoline 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. Phytton 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. Panelo & 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,

Edmond Icery

February 29, 2024

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

Eduardo Gonzalez Pacheco

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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. Minerales 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. Minerales 1953

HONORS

Gonzalezoxylon Nishida 1981 (Fossil Plantae)

Eduardo Ladislao Holmberg

February 29, 2024

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

Pachyloides 1887

Stenoterommata 1881

Hymenoptera

Genera

Alloscirtetica 1909

Amaurocosmia 1887

Anthodiotetes 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 interobserver 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 diademae 1991 with Simeoni

Rostroclytheridea covuncoensis 1979

Talycypridea suguii 2001 with Dias-Brito, de Castro, Maranhão, Suarez & Rodrigues

Therisynoecum dorsoacuminata 1970

Therisynoecum neuquenensis 1970

Therisynoecum picunleufensis 1970

Triclypella patagonica 1989

Virgatoocypris 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)

Eglemar Conde Lima

March 6, 2024

[Bibliography](https://neglectedscience.com/category/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 bioestratigráfico preliminar efetuado em sedimentos cretáceos, paleocênicos e neogênicos da Bacia de Marajó em base palinológica. Rel. Int. Petrobras (1970)

HONORS

*Lima*tes Quadros 1986 (Fossil Protozoa)

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

Eleazar Guzman Barron

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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 monochlamea 1974 with Rizzini

Pilocarpus organensis 1974 with Rizzini

Stryphnodendron duckeanum 1959

Symplocos rizzinii 1975

Elio García Austt

February 29, 2024

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

Massoiomys Vucetich 1978 (Fossil Mammalia)

Elliot W. Kitajima

March 2, 2024

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. Pfaffia mosaic virus: a novel potyvirus found infecting *Pfaffia 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. Zanutto, 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 sour sop (*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 viroplasm 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. Jomantien; 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)

International Award, Engineering Properties and Structures Division, Society of Plastic Engineers, Central Florida (2000)

Elon Lages Lima

March 6, 2024

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

Elsa Rossi de Garcia

February 29, 2024

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

Argenticytheretta 1969

Argentinites 1975 with Baldis

Baldiscella 1975

Bernardites 1976 with Proserpio

Bertelsiana 1980 with Proserpio

Bilobeyrichia 1975 with Baldis

Cribobolbina 1979 with Proserpio

Cuvillierina 1972

Dillobelopsis 1975 with Baldis

Furchesia 1975 with Proserpio

Grekoﬀiana 1969

Kloedenellopleura 1975 with Baldis

Leanzacythere 1976 with Leanza

Masiukcythere 1967

Nortite 1976 with Proserpio

Novocythere 1972

Nugnela 1975 with Proserpio

Platibolba 1972 with Baldis

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

Emil August Goeldi

February 29, 2024

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

Emil August Goeldi, Swiss / Brazilian naturalist (Ennetbühl, 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)

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

Eutrecha 1982

Incasarcus 1998 with Kury

Latigenes 1975

Leptosternus 1973

Microsternus 1973

Ministernus 1973

Nahuelonyx 1988

Nothopuga 1976

Orobothriurus 1975

Osornogynodes 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 Híbridação 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 Lluís Riera

March 6, 2024

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

Encarnacion Rosa Guaglianone

February 29, 2024

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

Enrique Gaviola

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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 Fluoreszenzabblingungszeiten. 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](#) 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 eugenioides* (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 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-HT1A 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 pelanserín

With F.J. Flores Murrieta & G. Castañeda Hernandez. Sensitive high-performance liquid chromatographic assay of pelanserín, 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. Liqu. 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)-quinazolinodione (pelanserine) and resulting product. MX9206713A (1992)

Enrique Lagomarsino

March 6, 2024

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

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

Ceratosporites 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 hallinovskyi
Deltoidospora magnus
Deltoidospora punctatus
Deltoidospora minutus
Deltoidospora simplisimus
Divisiporites amplius
Divisiporites 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
Varirugosiporites 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

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 microsphaerical 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 CN101,43,843B (2006)

With H.J. Wang, Z.X. Du & G.Q. Gao. Process for preparing a biodiesel US8288573B2 (2006), WO2008071041A1 (2006) MY162292A & MY163535A (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>.

Eric Hagsater

February 29, 2024

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

Ernest Edward Galpin

February 29, 2024

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

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.

Ernesto Antonio Matera

April 3, 2024

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

February 29, 2024

[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

With M.E. Jimenez de Abeledo. Material saponifico de Calamuchita, Córdoba, Argentina. *Rev. Asoc. Geol. Arg.* 11(3):143-57, 1956

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. García 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 *Pytirosporum ovale* acts by two distinct ways as pathogenic agent of skin

With R. López Martínez & A. Mejorada. Papel patogénico de *Pytirosporum 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

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

Nanucae 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

Sawayælla 1939

HONORS

Marcusia Hyman 1953 (Turbellaria)

Marcusiaxius 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)

Eucario López Ochoterena

March 6, 2024

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

Eugenio Galli

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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 clinicas 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 periphias 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 mabiliei 1911

HONORS

Giacomellia Bouvier 1930 (Lepidoptera)

Eugenio Izecksohn

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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 berthaultzae 1994

Dendrophryniscus bokermanni 1994

Dendrophryniscus leucomystax 1968

Dendrophryniscus organensis 2010 with Carvalho e Silva, Mongin & Carvalho e Silva

Dendrophryniscus stawarskyi 1994

Dendropsophus studerae 2003 with Carvalho e Silva & Carvalho e Silva

Euparkerella cochranæ 1988

Euparkerella tridactyla 1988

Euparkerella robusta 1988

Gastrotheca megacephala 2012 with Carvalho e Silva & Peixoto

Leptodactylus marambaiae 1976

Megaelosia lutzæ 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

Zachæus 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 Silveira de Macedo

April 3, 2024

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

Euripedes Malavolta

April 3, 2024

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

Euripedes 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)

Eusebio Hernandez Perez

February 29, 2024

[Bibliography](https://neglectedscience.com/category/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 symphysiotomy 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 *Cheilosporira hamulosa* parasitizing the man

With C. Africa. A new nematode parasite (*Cheilosporira* 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 anthelmethic 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

BibliographySee <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 hoplomys 1982 with Fain & Lukoschus

Echimytricalges mesomys 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
Megarhroglossus cavernicolus 1972 with Haas
Megarhroglossus smiti 1956
Megarhroglossus 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 yunkerii 1966 with Tipton

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

Fanghua Li

March 6, 2024

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

Faustino Miranda

April 3, 2024

[Bibliography](https://neglectedscience.com/category/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 royai 1935

Melobesia lemoinei 1935

HONORS

Mirandea Rzedowski 1959 (Acanthaceae)

Neomirandea King & Robinson 1970 (Asteraceae)

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 pipetting device for radioactive and other dangerous liquids (1960)

With C.M. Silva. A method for the determination of Sr^{90}/Y^{90} 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

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](https://neglectedscience.com/category/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 cachiyyu 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 spegazzinii 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 ameghinoides

Otozamites barthianus

Otozamites rothianus

Perseophyllum hauthalana 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 antivírus en inyección interavenosa. Rev. Fac. Med. Bogotá 1(6):357-70, 1932

Un caso de osteocondritis costal tífica con vacunas y antivírus. 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

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 Boubá (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 ions 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

Felix Gonzalez Bonorino

February 29, 2024

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

Felix Gonzalez Bonorino y Haurou, Argentine geologist and petrologist (Buenos Aires 17 August 1918 – 02 October 1998)

From Italian, English and French descent

Systematized metamorphic processes

Sistemática de los procesos metamórficos. Rev. Asoc. Geol. Arg. 1(3):219-30, 1946

Described and characterized mylonitic belts that pass through batholiths

Granitos y migmatitas de la falda occidental de la sierra de Aconquija. Rev. Asoc. Geol. Arg. 6 (3):137-86, 1951

Proposed the mechanical origin of schistosity

The mechanical factor in the formation of schistosity. Proceed. Intern. Geol. Congress 18:303-18, 1960

Proposed that inverse faults should become horizontal in depth

Postulated models of Tertiary compressive tectonics

Felix Konotey-Ahulu

March 2, 2024

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

Felix Israel Domeno Konotey-Ahulu, Ghanaian clinician (Odhumase Krobo, 12 July 1930 –

Regarded as world's leading expert on sickle cell anemia

DESCRIBED

Sicklaemic human hygrometers (1965)

Torrential epistaxis and facial skin ulceration in sickle cell anemia (1965)

Bilateral femoral head necrosis preventing procreation in sickle cell disease (1967)

Parkinsonian tremor audible through stethoscope known as Konotey-Ahulu parkinsonuian stethoscope sign or Kaps sign (1967)

Mental nerve peripheral neuropathy from sickle cell crisis (1972)

With H. Lehmann & B. Ringelhann discovered haemoglobins Korle-Bu (1968) and Osu-Christianborg (1971)

Coined the term gnathopathy (1974)

Invented male procreative superiority index in anthropogenetics providing a mathematical basis for sickle cell gene frequencies (1980)

First to use polygamy to trace genetic traits backwards

Invented kanad for genetic counseling

LINKS

<http://www.sicklecell.md/pdfs/fkacv.pdf>

<http://konotey-ahulu.com/pdfs/FIDKA%20Bio%20true%20web%20version%20August%202009.pdf>

Fernando Galembeck

February 29, 2024

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

Fernando Galembeck, Brazilian physical chemist (São Paulo 21 January 1943 –

Discovered osmosedimentation effect (1977), centrifugal ultrafiltration, pressure-driven pervaporation (1990) and tangential electrophoretic depolarization

Discovered that atmospheric water can acquire electric charges and transfer them to other solid and liquid materials, a phenomenon known as higroelectricity (2010)

Described a capacitor that loads spontaneously when exposed to moist air

Demonstrated that electrization in dielectric materials occurs faster when the atmosphere is moist

Proposed that atmosphere is a charge reservoir for dielectric materials

Demonstrated that the friction between dielectric materials poses fixed and stable patterns of electric charges with a non-uniform distribution in the two sides of material and in some cases the main component of friction is only triboelectrization

Proposed a new model of electrization of dielectrics

Demonstrated that water vapor adsorption on insulating material surfaces or isolated metal leads to accumulation of electric charges on them

Suggested new types of tensioactive chemicals

Proposed the development of new polymeric nanocomposites and microcomposites

Discovered that latexes present complex electric nanostructures that permitted the ionic amelioration of polymers

Demonstrated that one could create submicrometric structures in a silica surface deposited in silicon monocrystal

Demonstrated the role of electrostatic adhesion in nanocomposites formation

SOME CONTRIBUTIONS/BIBLIOGRAPHY

With L.C. Soares, S. Bertazzo, T. Burgo & V. Baldim. A new mechanism for the electrostatic charge build-up and dissipation in dielectrics. J. Braz Chem Soc 19:277-286, 2008.

With R.F. Gouveia & C.A.R. Costa. Electrostatic patterning of a silica surface: a new model for charge build-up on a dielectric solid. J. Phys. Chem. B 109(10):4631-7 (2005)

With I.R. Jankov, R.N. Szente, I.D. Goldman, M.N. Carreno et al. Modification of electrode materials for plasma torches. Surf Coat Techn 200(1-4):254-7 (2005)

With C.A.R. Costa, E. Rodovanovic, E. Teixeira-Neto & M.C. Gonçalves. A procedure for SPM tip recovery. Acta Microsc 12(1):71-75 (2003)

With A.O. Cardoso. A new factor in colloidal stability: latex stabilization by polymer swelling solvents. J. Coll. Interf Sci 182(2):614-6 (1996)

With R.A. Costa & L. Coltro. A staining procedure for the detection of oxidized sites in polyolefins. Die Angew Makromol Chem 180:85-94 (1990)

With S.P. Nunes & P. Alves Junior. A low-cost, small-scale polymer mixer. J. Chem Educ 67 (11):982-3 (1990)

With M. do C. Gonçalves, D. Windmoller & N.M. Erismann. Pressure-driven pervaporation. Separ Sci Techn 25(9-10):1079-85 (1990)

With M.U. Kleinke & O. Teschke. New porous PTFE separator for high-temperature water electrolyzers. Internat J. Hydrogen Energy 13(6):341-3 (1988)

With S.P. Nunes & A.A. Winkler-Hechenleitner. A new centrifugal ultrafiltration device. Separ Sci Techn 21(8):823-30 (1986)

With A.T.N. Pires. Osmosedimentation methods: preparative and analytical applications. Separ Purif Methods 15:97-126 (1986)

With C.L. Cesar, C.A.S. Lima, N.F. Leite, H. Vargas & A.F. Rubira.. Optical absorption measurements in a new composite material by combined photoacoustic and beam transmission techniques. J. Appl. Phys 57(9):4431-6 (1985)

With O. Teschke. A new type of separator for high-temperature water electrolyzers. J. Electroch. Soc 130(1):33-6 (1983)

With C.C. Ghizoni, C.A. Ribeiro, H. Vargas & L.C.M. Miranda. Characterization of a new composite material Fe2O3 – impregnated poly (tetrafluoroethylene). Particle size determination and photoacoustic spectroscopy. J. Appl. Polymer Science 25(7):1427-33, 1980

METHODS/PATENTS

With S.P. Nunes. Dispositivo de ultrafiltração. 8.404.660 (1984)

Ultrafiltração em múltiplo estágio (1984)

With E.C. Pinheiro & P.P. Abreu Filho. Processo de fabricação de materiais magnéticos (1985)

Processo de fabricação de materiais para despoluição de gases em escapamentos de autos. (1988)

With E.C.O. Lima. Processo de obtenção de pigmentos brancos (PI: 9104581-9). 1991

Processo de obtenção de partículas inorgânicas hidrofóbicas (PI: 9301191-1). 1993

With M.M. Beppu. Processo de síntese de partículas ocas de fosfato de alumínio (PI: 9400746-2), 1994.

With E.F. de Souza. Processo de obtenção de partículas ocas de um metafosfato duplo de alumínio e cálcio em látex poliméricos (PI: 9500522-6) 1995

With E.F. de Souza. Processo de síntese de partículas de fosfatos e polifosfatos de ferro (III), simples, duplos ou múltiplos, não cristalinos (PI: 9700586-0) 1997

With E.F. de Souza & M.C.V. M. da Silva. Processo de preparação de adesivos com alta resistência à umidade, obtidos a partir de látex poliméricos e polifosfatos de cátions polivalentes, e adesivos assim obtidos (PI: 9804318-8), 1998

With M.M. Rippel. Processo de fabricação de adesivo para superfícies de vidros, cerâmicas, alvenarias e plásticos à base de látex de borracha natural modificado por polifosfato (PI: 0102823-5). 2001

With M. Braga. Processo de coramento de látex para produção de poliestireno colorido (PI: 0201940-0), 2002

With M.F.B. Souza. Fabricação triboquímica de nanocompósitos híbridos de poliéster com argilas (PI: 0201487-4), 2002

Process to obtain an intercalated or exfoliated polyester with clay hybrid nanocomposites materials (European Patent Office – PI PCT/BR 03/00142). 2003

With M.M. Rippel, M.M. Murakami & L.F. Valadares. Produção de nanocompósitos de termoplásticos ou elastômeros com argilas intercaladas ou esfoliadas, a partir de látexes (PI: 301193-3), 2003

With J. de Brito. Produto e processo de fabricação de um pigmento branco baseado na síntese de partículas ocas de ortofosfato ou polifosfato de alumínio (PI: 0403713-8), 2004

With M.C.V.M. Silva. Processo de fabricação de adesivos para metais, constituídos por resinas poliméricas portadoras de nanodomínios diferenciados elétrica e mecanicamente, adesivos assim obtidos e seu processo de aplicação (PI: 0404738-9), 2004

With M.C.V.M. Silva. Fabrication of hot melt metal adhesives based on solid resins comprises emulsion polymerization of acrylic, styrene, vinyl and diene monomers, for hot application (BR200404738-A), 2004

With M.M. Murakami, J.P. Santos & H.C. Schumacher. Método de preparação de látexes catiônicos a partir de látexes aniônicos (PI0502764-0) 2005

With J. de Brito. Aluminum phosphate or polyphosphate particles for use as pigments in paints and method of making same (U.S. Pat. Appl. Publ. (2006), US 2006045831 A1 20060302 Application: US 2005-215312 20050830. Priority: BR 2004-3713 20040830).

With J. de Brito & D.B.J.G. Fernando. Amorphous aluminum phosphate or polyphosphate, useful in paint, and as ingredient in varnish, printing ink and plastic has specified bulk density, and phosphorus to aluminum mole ratio (US2006045831-A1) 2006

With J. de Brito. Aluminum phosphate, polyphosphate and metaphosphate particles and their use as pigments in paints and method of making same. 20060045831 (2006)

With J. de Brito. Aluminum phosphate, polyphosphate and metaphosphate particles and their use as pigments in paints and method of making same. 20060211798 (2006)

With J. de Brito. Aluminum phosphate, polyphosphate and metaphosphate particles and their use as pigments in paints and method of making same. 20080038556 (2006)

With J. de Brito. Aluminum phosphate or polyphosphate particles for use as pigments in paints and method of making same. 20060045831 (2006)

With J. de Brito, R. Rosseto & A.M.A. dos Santos. Making chemical composition comprising amorphous aluminum phosphate, comprises combining aluminum phosphate with sodium aluminate, and combining the obtained amorphous aluminum phosphate with binding polymer to form chemical composition . US2011301272-A1 (2007)

With J. de Brito, R. Rosseto & A.M.A. dos Santos. Making white pigment, e.g. used in home paints, or vehicle paints, by reacting phosphoric acid, aluminum hydroxide, sodium aluminate, and amorphous aluminum phosphate or polyphosphate (US2008038556-A1), 2008

With J. de Brito, R. Rosseto & A.M.A. dos Santos. Preparation of white amorphous aluminum phosphate or polyphosphate-based pigment, e.g. for use in paints as titanium oxide substitute, involves reacting phosphoric acid and aluminum hydroxide, and neutralizing with sodium aluminate (WO2008017135-A1) 2008

With J. de Brito, R. Rosseto & A.M.A. dos Santos. Preparation of aluminum phosphate or polyphosphate particles. 20080038556 (2008)

With H.C. Schumacher & M.M. Rippel. Process for obtaining solid nanocomposite, useful in e.g. gaskets and sealants, comprises an electrolytic coagulation of polymer latex and an aqueous dispersion containing non-modified solid layered silicate. WO2009015453-A2 (2009)

With M. Braga & C.A.S. Barbosa. Slurry, useful in paint, varnish, printing ink, paper and plastic, comprises amorphous aluminum phosphate particles and a dispersant e.g. borate dispersant or silicate dispersant. WO2009100510-A2 (2009)

Making coating composition, useful in e.g. paints, comprises combining phosphorous source, aluminum sulfate and alkaline solution, drying the obtained precipitate, and combining the obtained aluminum phosphate powder with binding polymer. US2010292382-A1 (2010)

Electrifying materials used for charging batteries and capacitors, power distribution networks, electric motor and power control circuits, involves keeping material electrically insulated from ground or other objects connect to earth. WO2011072348-A1 (2010)

With M. Braga & R.E. Foscante. Anticorrosive coating composition, useful for forming primer coating and mid-coating or top-coating, comprises a binding polymer, aluminum phosphate e.g. amorphous aluminum phosphate, dispersed within the binding polymer. US2012094130-A1 (2011)

With J. Brito, A.C.M. Amaro & R. Rosseto. Preparation of aluminium phosphate or polyphosphate particles US 8808657 (2011)

With E.S. Ferreira. BR 10 2015 0264208 (2015)

Fernando Lahille

March 6, 2024

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

Fernando Lahille, French-born Argentine naturalist and ethnographer (Rouen 18 August 1861 – Buenos Aires 13 July 1940)

Authored 378 papers

Performed studies on general zoology and fisheries biology

Developed Lahille ichthyometer (1908)

DESCRIBED ANIMALIA TAXA

Tunicata

Orders

Aplousobranchia 1886

Phlebobranchia 1887

Stolidobranchia 1887

Class

Appendicularia 1890

Families

Cionidae 1887

Corellidae 1888

Kowalevskiidae 1888

Pyrosomatidae 1888

Salpidae 1888

Genus

Herdmania 1888

Fossil Echinodermata

Family

Monophorastidae

Diptera

Tribe

Uranotaeniinae 1904

Subgenus

Lynchiella 1904

Hemiptera

Genus

Paradiaspis 1919

Mammalia

Species

Phocoena dioptrica 1912

Pisces

Subfamily

Gasterochismatinae 1903

Genus

Crossostomus 1908

Species

Galaxias elongatus 1915

Odontesthes smitti 1929

Schedophilus pacificus 1915

Torpedo puelcha 1926

HONORS

Genus *Lahillia* Cossmann 1899 (Fossil Mollusca)

Honor Diploma, World Fair of Saint Louis (1904)

Golden Medal, Torino Show (1911)

Silver Medal, Roubaix Show (1911)

LINKS

http://sedici.unlp.edu.ar/bitstream/handle/10915/15847/Documento_completo.pdf?sequence=1

Fernando Latapí

March 6, 2024

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

José Diodoro Fernando Latapí Contreras, Mexican dermatologist (Ciudad de Mexico 11 October 1902 – 28 October 1989)

Authored over 300 papers

Proposed the term pintides for disseminated secondary lesions of pinta

With F. Leon Blanco. Las lesiones del principio del mal de pinto. Una nueva dermatosis. Rev. Mex. Medicina 20:315, 1940

Discovered a new disease called dyschromia en confetti caused by hydroquinones (1956)

First to employ successfully sulphones for treatment of mycetomas

Coined terms like early and late syphilis and corticoderma

Modified Morgan scheme in syphilis

Rediscovered Lucio phenomenon or necrotizing erythema

EPONYMY

diffuse leprosy of Lucio-Alvarado-Latapí

Latapí bib sign (in Lucio-Latapí leprosy)

Fernando Lopez y Sanchez Roman

March 6, 2024

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

Fernando López y Sanchez Román, Mexican surgeon and hygienist (Llaltenango, today Ciudad Sanchez Román, Zacatecas State 05 November 1854 – Ciudad de Mexico 17 May 1924)

DEVELOPED

METHODS

Techniques for blepharoplasty and congenital luxation of crystalline lens (1892)

López procedure for resection of pterygon

A procedure for shoulder dislocation (1893)

DEVICES

Profunda artery clamps (1883) i.e. modified the clamp for facilitating the ligation of deep arteries

A device for blindness simulation

Fernando Magalhães

April 3, 2024

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

Fernando Augusto Ribeiro de Magalhães, Brazilian gynecologist and obstetrician (Rio de Janeiro 18 February 1878 – Rio de Janeiro 10 January 1944)

From Portuguese father

Authored over 200 medical works

Modified the Gasinski pelvimeter

Uma modificação do fórceps de Tarnier. Brazil Med. 18:8, 1904

Um novo fórceps. Brazil Médico 18 (1904)

Proposed a therapeutic guidance for treatment of puerperal infection

Advocated the use of metallic tubular drainage in the treatment of localized puerperal infection

Laid down some indications for Caesarean section (1922)

Developed a Caesarean section method of his own insulating uterus with rubber sheets (1915)

Idealized a low caesarean section with anterior incision and low body with exteriorized uterus in Lições de Clínica Obstétrica (Novas lições) 1933

Enunciated Fernando de Magalhães laws for forceps use (extracted from M. Bittencourt. Dicionario Onomastico de Medicina e Pharmacia 1938)

- 1) Law of curvatures consonance: “the pelvian curvature to forceps corresponds to curvy direction of pelvis”
- 2) Law of surfaces correlation: “the concavity of spoon fórceps are intended to regular convexity of poles”
- 3) Law of parallel transposition: “the smaller intracochlear parallel it will pass the bigger delivery parallel”
- 4) Law of directing propulsions: “the power acts guiding the upper pole of delivery leaving free the largest sphere segment”

His son, Nuno Andrade de Magalhães, gynecologist and obstetrician (Rio de Janeiro 20 July 1908 – Rio de Janeiro 14 April 1952)

With his father established dosification as a main principle in hormone therapy

With F. Magalhães. Dose na foliculinoterapia. Rev. Gynecol. Obst. (1948)

Nova modificação da reação de Aschheim e Zondek para o diagnóstico biológico da prenhez. Brasil Med. 52 (1934)

With J.M. Moniz de Aragão. Diagnóstico precoce da prenhez. Uma technica inédita. Brasil Medico (1933)

SOME BIBLIOGRAPHY

Vitalidade do ovário fora do organismo (pesquisas pessoais) Brasil Medico (1934)

Orientação de Fernando Magalhães no tratamento da infecção puerperal. Rev. Ginec. et d' Obst. Brasil (1936)

Eclâmpsia experimental (1945)

Fernando Mane Garzon

April 3, 2024

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

Fernando Timoteo Mañe Garzón, Uruguayan pediatrician, zoologist, parasitologist and science historian (Montevideo 24 January 1925 – Montevideo 23 January 2019)

PEDIATRICS

Described a new clinical entities

Hipertrofia muscular congenita con cavum septi pellucidum. Arch. Pediat. Uruguay 30(4):210, 1959

With E.S. de Camaño Schelkman, H.C. Irasustra & J.C. Bazzano. Exostosis cartilaginosa multiple con brevedad de algunos huesos tarsianos (Braquimetapodia) 1971

First to establish that free hyperbilirubinemia is related to intestinal occlusion at many levels

With D. Lattaro. Volvulo total de intestine delgado con ictericia no obstructiva. Arch. Ped. Uruguay 32(12):708-14, 1961

First to use catecholamines excretion in acroдинia

With J.M. Portillo, C. Esponda & M. Geymonat de Grezzi. Estudio de eliminación de catecolaminas en la acroдинia. Soc. Urug. Ped. (1963)

First to describe genital malformation in Pierre Robin syndrome

With R. Santana & R. Maggi. Síndrome de Pierre Robin (síndrome del primer arco braquial). Arch. Ped. Uruguay 38(1):667-84, 1967

Described the first case in literature of Prader-Labhart-Willi-Fanconi syndrome in which the first clinical manifestation was diabetic coma

With J.J. Ravera, R. Maggi & V. Scolpini. Hipotonía com retardo mental, obesidade y diabetes (Síndrome de Prader-Labhart-Willi-Fanconi) em una niña. Arch. Ped. Uruguay 40:44-50, 1969

Described the world third case of congenital hypothyroidism by thyroid disgenesis being the first case diagnosed using manometry

With J.L Díaz Rossello & P. Santuntun. Pseudohirschsprung por hipotiroidismo congénito. Arch. Ped. Urug. 54(8):167-70, 1983

ZOOLOGY

DESCRIBED NEW TAXA

Phylum

Mesoneurophora 1985

Family

Iagotrematidae 1963 with Gil (Trematoda)

Genera

Colombdella 1973 (Hirudinea)

Iagotrema 1963 with Gil (Trematoda)

Iquitos 1963 with Gil (Trematoda)

Neocancrinicola 1974 with Sobota (Crustacea)

Velardeacarus 1980 with Gil (Acari)

Wolffhugelia 1974 with Dei Cas (Acanthocephala)

Species

Acanthocarpus meridionalis 1974 (Crustacea)

Amblyopinodes munoai 1960 with San Martín (Coleoptera)

Anomopus chasmagnati 1973 with Montero (Rotifera)

Caimanicola brauni 1961 with Gil (Trematoda)

Cassidinidea fluminensis 1944 (Crustacea)

Catadiscus corderoi 1958 (Trematoda)

Choledocystis pseudium 1967 with Holcman Spector (Trematoda)

Collastoma wahlí 1980 with Ponce de León (Platyhelminthes)

Colombdella ringueleti 1973 (Hirudinea)

Colossendeis geoffroyi 1944 (Pantopoda)

Conspicuum minor 1975 with Holcman Spector (Trematoda)

Copidognathus gasconi 1979 with Gil (Acari)

Crepidostomum stenopteri 1973 with Gascon (Trematoda)

Didymorchis haswelli 1961 (Platyhelminths)

Falsifilicoli chasmagnathi 1977 with Holcman Spector & Dei Cas (Acanthocephala)

Glypthelmins sanmartini 1974 with Holcman Spector (Trematoda)

Gorgoderina darwini 1978 with Gonzales (Trematoda)

Gorgoderina megacysta 1978 with Gonzales (Trematoda)
Haematoloechus freitasi 1959 with Gil (Trematoda)
Haematoloechus legrandi 1959 with Gil (Trematoda)
Heterodiplostomum helicopsis 1976 with Alonso (Trematoda)
Hislopia corderoi 1959 (Bryozoa)
Iagotrema uruguayensis 1963 with Gil (Trematoda)
Iquitos ceii 1963 with Gil (Trematoda)
Lamellibranchia victori 1985 with Montero (Polychaeta)
Liophistrema buccalis 1973 with Holcman Spector (Trematoda)
Lironea magna 1974 (Crustacea)
Lobatostoma platense 1976 with Holcman Spector (Trematoda)
Monokalliapseudes schubarti 1949 (Crustacea)
Moplisa sphaeromiformis 1946 (Crustacea)
Myzobdella uruguayensis 1977 with Montero (Hirudinea)
Neocancrinicola platensis 1974 with Sobota (Crustacea)
Neoerpocotyle platensis 1968 with Holcman Spector
Opisthogonimus uruguayensis 1973 with Holcman Spector (Trematoda)
Polystomoides rohdei 1968 with Holcman Spector (Trematoda)
Prionosoma phrynopsis 1961 with Gil (Trematoda)
Proteocephalus bragri 1988 with Holcman Spector (Cestoda)
Proteocephalus rhamdiae 1988 with Holcman Spector (Cestoda)
Pseudotelorchis devincenzii 1961 with Gil (Trematoda)
Rauschiella chaquensis 1967 with Holcman Spector (Trematoda)
Rudolphitrema physalaemi 1976 with Ponce de León (Trematoda)
Sertularella uruguayensis 1973 with Milstein (Cnidaria)
Styphlodora gili 1967 with Holcman Spector (Trematoda)
Telorchis achavali 1973 with Holcman Spector (Trematoda)
Telorchis birabeni 1961 with Gil (Trematoda)
Telorchis dubius 1968 with Holcman Spector (Trematoda)
Telorchis platensis 1961 with Gil (Trematoda)
Telorchis productus 1961 with Gil (Trematoda)
Unionicola (Atacella) gigantea 1973 with Cachés (Acari)
Unionicola (Atacella) subrecta 1973 with Cachés (Acari)
Uromunna santaluciae 1974 with Gascon (Crustacea)
Urotrema macrotestis 1965 with Telias (Trematoda)
Wolffhugelia matercula 1974 with Dei Cas (Acanthocephala)

Fernando Romano Milanez

April 3, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Fernando Romano Milanez, Brazilian plant anatomist and pathologist (Rio de Janeiro 08 July 1905 – Rio de Janeiro 23 January 1987)

Performed important works on wood cells

Presented evidence that *Fusarium vasinfectum* can use paraffin oil as source of carbon and energy and suggested possible diagnostic value of this character.

With J. Joffily. Estudo sobre a fusariose do algodoeiro. *Rodriguesia* 5(14):325-52, 1941

Proposed a correlation between the presence of crystals and the thickening of cell walls and suggested that the crystals were responsables for sclereid formations in some families of dicotyledons

Ação modificadora do oxalato de calcio sobre as estruturas celulares. *Revista Florestal* 3:5-12, 1932

First to recognize the existence of laticifers formed by fusion of differential parenchymatic protoplasts (1932)

Described the formation process of resin ducts of secondary wood

Proposed a double or triple staining method for ligneous membranes and in oil-resin based on the Wodehouse method for pollen grains

Canais secretores do Marupá. *Rodriguesia* 10:13-40, 1946

Proposed that continuous or non-articulated laticifers from many botanical families is a syncytium

Sobre os laticíferos foliares de *Ficus retusa*. *Rodriguesia* 16-17(28-9):159-92, 1954

Described the fossil plant genus *Lecythioxylon* 1935 and the fossil species *Lecythioxylon brasiliensis* 1935 & *Parataxopitys americana* 1950 (with Dolianiti)

METHODS

Developed a new staining technique employing carmine for wood tissues

Estrutura secundária das raízes de *Rhipsalis*. *Rodriguesia* 2(5):165-76, 1936

Developed a fast and simple technique for dissociation of wood elements

Estudo anatômico do lenho de trinta espécies do gênero *Aspidosperma*. *Physis* 15:429-90, 1939 (Separata)

Proposed a classification for wood parenchyma

Nota sobre a classificação do parênquima do lenho. *Rodriguesia* 8(17):1-2, 1944

Proposed modified methods for fixation and culture of plant embryos

With H. Monteiro Neto. Origem dos laticíferos do embrião de *Euphorbia pulcherrima* Willd. *Rodriguesia* 18-19:351-423, 1956

SOME BIBLIOGRAPHY

Ontogênese dos laticíferos contínuos de *Nerium oleander* L. (1977)

With E. Onishi. Peculiaridades da anatomia foliar nos cerrados. *Anais 2 Reun. Bras. Cerrados* (1975)

Nótnula sobre a sílica na epiderme foliar. *Rodriguesia* 39:163-8, 1974

Sobre as células tubulosas de Haberlandt. *An. Acad. Bras. Ciencias* 43(1), 1971

With R.D. Machado & C.A. Areia. Alguns aspectos da infraestrutura foliar. XVIII Congr. Nac. Botanica (1967)

With R.D. Machado & C.C. Costa. Observações sobre os elaioplastos da epiderme foliar da baunilha. *An. Acad. Bras. Ciencias* 38:509-12, 1966

With A. Mattos Filho. Contribuição ao estudo anatômico das madeiras do gênero *Dicorynia*. *An. Bras. Econ. Florestal* 13(13):396-409, 1961

With R.D. Machado. Aplicação da microscopia eletrônica ao estudo dos laticíferos embrionários de *Euphorbia pulcherrima* Willd. *Rodriguesia* 18-19(30-31):425-40, 1956

With A. Mattos Filho. Nota sobre a ocorrência de sílica no lenho das leguminosas. *Rodriguesia* 18-19 (30-31):7-26, 1956

Sobre os núcleos dos laticíferos de *Euphorbia phosphorea* Mart. *Rodriguesia* 15(27):163-75, 1952

Galactoplastas de *Hevea brasiliensis* Mull. Arg. *Arq. Jard. Bot. Rio de Janeiro* 11:39-50, 1951

With H. Monteiro Neto. Nota prévia sobre a micorriza do pinho do Paraná. *Arq. Serv. Florestal* 4:87-93, 1950

Calcium oxalatkrystalle in *Podocarpus lambertii* Klotz. *Arq. Jard. Bot. Rio de Janeiro* 9:113-48, 1949

Nota prévia sobre os laticíferos de *Hevea brasiliensis*. *Arq. Serv. Flor. Brasil* 2:39, 1946

Anatomia das principais madeiras brasileiras das Rutaceae. *Rodriguesia* 7(16):5-22, 1943

Observações sobre uma estranha doença das laranjeiras. *Rodriguesia* 4(13):199-264, 1940

Anatomia do lenho de *Aspidosperma aquaticum* Ducke. *Arq. Inst. Biol. Veg.* 4(1):65-70, 1938

Anatomia do lenho de *Ampelocera glabra* Kuhlmann. *Arqu. Inst. Biol. Veg.* 3(2):211-6, 1937

Anatomia do lenho do pau mulato pelo método da paraffina. *Arq. Inst. Biol. Veg.* 3(1):111-29, 1936

Anatomia de *Paradrypetes ilicifolia* Kuhl. *Arq. Inst. Biol. Veg. Rio de Janeiro* 2:7-11, 1935

Estrutura do lenho de *Mimusops huberi* Ducke. *Arq. Inst. Biol. Veg.* 1:39, 1934

A estrutura do lenho da embuia (1930)

A estrutura do lenho da braúna. *Rev. Florestal* 2(1):17-22, 1930

Feza Gursey

February 29, 2024

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

Feza Gürsey, Turkish physicist in United States (Istanbul 07 April 1921 – New Haven 13 April 1992)

Authored over 100 papers

With L. Radicati identified hadronic SU(6) symmetry (1964)

INTRODUCED

Non-linear chiral sigma-model for symmetry (1959)

New ideas on the symmetries of weak and strong interactions

Scalar-field energy-momentum tensor (1960s)

EPONYMY

Pauli-Gursey transformations (1957)

Pauli-Gursey symmetry

Gursey theorem (proved by Van Hove)

Foon Chew How

February 29, 2024

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

Foon Chew How or Kuanzhao Hou, Chinese botanist (1908 – 1959)

DESCRIBED PLANTAE TAXA

Valid genus

Muricococcum 1956 with Chun (Euphorbiaceae)

Species

116

HONORS

Foonchewia R.J.Wang 2012 (Rubiaceae)

Fortunato Herrera

February 29, 2024

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

Fortunato Luciano Herrera Garmendia, Peruvian botanist, ethnographer, historian, geographer and mineralogist (Cusco 13 December 1873 – Lima 13 April 1945)

Authored over 200 papers and 20 books

Proposed the use of *Krameria triantha* natural products

Authored Contribución a la flora del Departamento del Cusco (1921), with native synonyms, varieties of food plants and notes of ethnological and historical character

With Russian Y. Yakovlev authored the monumental work El mundo vegetal de los antiguos peruanos (1934), describing the uses of plants in the arts and daily life of old civilizations in Peru (with international repercussion)

DESCRIBED VALID PLANTAE TAXA

Genera

Aliconia 1921

Hemifuchsia 1936

Species

Aliconia guaco 1921

Cantua hybrida 1921

Cassia florifera 1921

Hemifuchsia yodostoma 1936

Mentha muna 1921

HONOURS

Auxilliary Member, Academie Internationale de Botanique, Le Mans, France

Genus *Fortunatia* McBride 1931 (Asparagaceae)

About 50 plant species bears his name

LINKS

www.fortunatoherrera.org/index.html

Frances Gilchrist

August 19, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Frances M. C. Gilchrist, South African veterinary microbiologist (fl.1946–2001)

SOME BIBLIOGRAPHY

With W. Van Hoven. First record of ciliated protozoan endocomensals in the gut of the bushpig. S. Afr. J. Wildl. Res. 21(1):28–9, 1991

With R.I. Mackie & S. Heath. An in vivo study of ruminal micro-organisms influencing lactate turnover and its contribution to volatile fatty acid production (1984)

With R.L. Mackie, J.J. Therion & M. Ndhlovu. Processing ruminal digest to release bacteria attached to feed particles. S. Afr. Tydsskr. Veck. 13:52–4, 1983

With R.L.Mackie. Stepwise adaptation of sheep fed ad libitum to a high concentrate diet and its effect on ruminal pH and lactic acid concentration. S. Afr. J. Anim. Sci. 11:229–36. 1981

With P.A. Henning, Y. Van der Linden, W.E. Mattheyse, W.K. Nauhaus & H.M. Schwartz. Factors affecting digestion of grain-supplemented straw. Ann. Rech. Vet. 10:320–2, 1979

With R.L. Mackie. Changes in lactate-producing and lactate-utilizing bacteria in relation to pH in the rumen of sheep during stepwise adaptation ton a high-concentrate diet. Appl. Environ. Microbiol. 38:422–30, 1979

With R.I. Mackie, A.M. Robberts, P.E. Hannah & H. Schwartz. Microbiological and chemical changes in the rumen during the stepwise adaptation of sheep to high concentrate diets (1978)

With H.M. Schwartz. Microbiology in the rumen in relation to the nutrients and physiology of the rumen. S. Afr. J. Anim. Sci. 2:161, 1972

With H.H.E. Schroder. Adaption of the ovine ruminal flora to biuret. J. Agr. Sci. Camb. 72:1, 1969

With E.Potgieter & J.B.N. Voss. The biuretolytic activity of the ruminal flora of sheep fed practical rations containing biuret. J. Agr. Sci. Camb. (1968)

Ovine ketosis. V. Ketone body and blood glucose levels of Merinon ewes during the preclinical, clinical and postclinical stages of pregnancy disease. Onderstepoort J. Vet. Res. 33:161, 1966

The influence of diet on functional groups of rumen bacteria fermenting carbohydrates and lactate (1963)

With A. Kistner. Bacteria of the bovine rumen. I. The composition of the population on the diet of poor teff hay. J. Agr. Sci. 59:77–83, 1962

With S.R. Elsden, B.E. Volcani & D. Lewis. Properties of a fatty acid forming organism isolated from the rumen of sheep. J. Bacteriol. 72:681–9, 1956

Microbiological studies of the corrosion of concrete sewers by sulphuric acid producing bacteria. S. Afr. Ind. Chem.7:214–5, 1953

DESCRIBED PROTOZOA TAXA (with Van Hoven)

Family

Rhinozetidae 1988 with Hamilton-Atwell

Genera

Arachnodinella 2001 with Hamilton-Atwell

Arachnodinium 1987 with Hamilton-Atwell

Phalodinium 1987 with Hamilton-Atwell

Rhinozeta 1988 with Hamilton-Atwell

Species

Arachnodinella novenum 2001 with Hamilton-Atwell

Blepharoconus dicerotos 1998 with Liebenberg & Van der Merwe

Blepharosphaera ceratotherii 1998 with Liebenberg & Van der Merwe

Charonina dicerotus 1994 with Stenson

Charonina odontophora 1994 with Stenson

Charonina tenuis 1994 with Stenson

Charonina tetragona 1994 with Stenson

Charonina tortuosa 1994 with Stenson

Didesmis synciliata 1998 with Liebenberg & Van der Merwe

Helicozoster africanus 1998 with Stenson

Helicozoster apicalis 1998 with Stenson

Lavierella klipdrifi 1998 with Stenson

Monoposthium bracchium 1987 with Hamilton-Atwell

Monoposthium latum 1987 with Hamilton-Atwell

Monoposthium vulgare 1987 with Hamilton-Atwell

Phalodinium digitale 1987 with Hamilton-Atwell

Rhinozeta addoensis 1988 with Hamilton-Atwell

Rhinozeta caecalis 1988 with Hamilton-Atwell

Rhinozeta cristata 1988 with Hamilton-Atwell

Rhinozeta multiplata 1988 with Hamilton-Atwell

Rhinozeta pedale 1988 with Hamilton-Atwell

Rhinozeta rhinozeta 1988 with Hamilton-Atwell

Rhinozeta triciliata 1988 with Hamilton-Atwell

Rhinozeta unilaminata 1988 with Hamilton-Atwell

Triplumaria corrugata 1998 with Stenson

Vanhovenia multisuctores 1998 with Stenson

HONORS

Digilchristia Ito, Van Hoven Miyazaki & Imai 2006

Gilchristia Ito, Van Hoven, Miyazaki & Imai 2006

Francis Guthrie

February 29, 2024

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

Francis Guthrie, English-born South-African mathematician and botanist (Bayswater, Paddington, England 22 January 1831 – Claremont, Cape Town 19 October 1899)

Postulated the four color problem in topology (1852)

Described 104 new species of plants being the most part of them from Ericaceae family

HONORS

Guthriea Bolus 1873 (Achariaceae)

Francisco Antonio Gonzalez Laguna

February 29, 2024

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

Francisco Antonio Gonzalez Laguna, Spanish-born Peruvian friar and botanist (Spain 13 August 1729 – Lima 28 February 1799)

SOME BIBLIOGRAPHY

Memoria de las plantas extrañas que se cultivan en Lima introducidas en los ultimos 30 años hasta el de 1794. Mercurio Peruano 11:163-70, 1794

Relación de um icthiolito o pez petrificado, encontrado en las inmediaciones de Acary, el año pasado de 1788. Memorial Literario p. 349-52, November 1799

HONORS

Gonzalagunia Ruiz & Pavón 1794 (Rubiaceae)

Francisco Antonio Marçallo

April 3, 2024

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

Francisco Antonio Marçallo, Brazilian cytogeneticist (Curitiba 16 May 1933 – 1987)

DESCRIBED NEW SYNDROMES

With I. Cat, L.P. Marinoni, D.J. Giraldi, O. Costa & H. Braga. Syndrome of cellular agony – biochemical characterization. *Helv. Paediat. Acta* 24 (5):493-6, 1969

With I. Cat, V.L.V. Lopes, E.A. Chautard, N. Freire-Maia, I.J. Cavalli, R.F. Pilotto, M.C. Schetino & A.A. der Bedrossian. A new malformation syndrome. *Lancet* 1:840-1, 1970

With I. Cat, V.L.V. Lopes, E.A. Chautard, I.J. Cavalli, R.F. Pilotto & N. Freire-Maia. A síndrome de Maringá – Estudos clínicos, bioquímicos, dermatoglíficos e cromossômicos. Resumos da XXII Reunião Anual da Soc. Bras. Progr. Ciência, p.130-1, 1970.

With V.A. Fortes, L.C. Pereira, J.M. Opitz, F.A. Marçallo & I.J. Cavalli. A syndrome of hypohidrotic ectodermal dysplasia with normal teeth, peculiar facies, pigmentary disturbances, psychomotor and growth retardation, bilateral nuclear cataract and other signs. *Journal of Medical Genetics* 12(3):308-10, 1975.

With M.J. Piazza, A.C. Teixeira, M.F. Amaral & A.S. Netto. Bilateral gonadoblastoma with chromosomal aberration. *Obstet. Gynecol.* 50 (1Suppl.): 35-8, 1977

With L.C. Werneck, R.F. Pilotto & J.M. Opitz. Hemihypotrophy in a girl with a translocation t(13q;7p). *Eur. J. Pediat.* 124:167, 1977

METHODOLOGY

With N. Freire-Maia. Coeficientes de inbreeding para gens ligados ao sexo. *Bol. Soc. Bras. Genetica* 2(2):14-6, 1960

Papers in renowned reviews

With I.J. Cavalli, A. Waldrigues & N. Stueber. Sex-chromatin and menstrual cycle. *Lancet* 2 (7677):832, 1970

With N. Freire-Maia & J.B.C. Azevedo. Recurrence and precurrence. *Lancet* 290 (7515):566, 1967

With N. Freire-Maia. A new recurrent series in inbreeding phenomena. *Nature* 189(4762):421-2, 1961

Francisco Calheiros da Graça

February 29, 2024

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

Francisco Calheiros da Graça, Brazilian military, hydrographer and cartographer

(Maceió 03 July 1849 – Angra dos Reis, Rio de Janeiro State 21 January 1906)

Performed hydrographic surveys in various points of Brazil (1882-95).

Published *Memoria sobre a origem e causa do aquecimento das aguas do Gulf Stream* (1874), translated to French in 1875.

Invented sea-gauges protractor presented in *Transferidor de sondas. Investigações sobre instrumentos destinados a hidrografia*, 1878.

He was Correspondent Member, Bureau de Longitudes.

Francisco de Asís Monrós

April 3, 2024

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

Francisco de Asís Monrós, Spanish-born Argentine entomologist (Barcelona 06 June 1922 – San Miguel de Tucumán 03 May 1958)

DESCRIBED COLEOPTERA TAXA

Genera

Acalligrapha 1955

Agathomeroides 1947

Aulacochlamys 1952

Bidensomela 1955

Bohumiljanina 1958

Bothromegalopus 1947

Bothroscelis 1954

Calligramma 1955

Chujoita 1959

Coreopsomela 1955

Crawsonia 1952

Cylindrodachrys 1944

Eoclytra 1958

Euagathomerus 1947

Eudachrys 1953

Graphicallo 1955

Hapsidolemoides 1951

Heinzenella 1958

Heterobabia 1951

Histerogaster 1948

Janbechynea 1953

Lamprosomoides 1959

Lio 1949

Mariamela 1951

Melittochlamys 1948

Mesagathomerus 1947

Nanocthispa 1947 with Viana

Neolema 1951

Neostena 1947 with Viana

Oomorphoides 1956

Pachylema 1951

Parabaliosus 1947

Paranota 1949 with Viana

Parhapsidolema 1951

Philippimolpus 1952

Plesioagathomerus 1945

Quasilema 1951

Sternostenoides 1947 with Viana

Tellenina 1953

Temnodachrys 1951

Trachigathomerus 1947

Species

At least 115

HONORS (Coleoptera except one)

- Monrosia* Grondonia 1949 (Polygalaceae)
- Monrosiaia* Haedo Rossi 1960
- Monrosiella* Bechyné 1945
- Monrosina* Cobos 1958
- Monrosolopha* Erber & Medvedev 2002
- Subgenus *Coleomonrosa* Moldenke 1981
- Subgenus *Francmonrosia* Pereira & Martínez 1960

Francisco de Assis Mariconi

April 3, 2024

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

Francisco de Assis Menezes Mariconi, Brazilian agricultural entomologist and plant pathologist (Piracicaba, São Paulo State 20 June 1925 – Piracicaba, São Paulo State 11 May 2008)

Authored over 200 scientific works and 8 books

Authored Saúvas (1970) the first book in the world about sauba ant

With J.M.M. Walder & F.M. Wiendl. Método de marcação de iscas para saúvas *Atta* spp, com fósforo radioativo (1979)

SOME BIBLIOGRAPHY

With A.I. Clari. The cotton white mite (*Polyphagotarsonemus latus*) (Banks) (Acari:Tarsonemidae) and assay of chemical control (1990)

Contribuição para o conhecimento de saueirinhos de oito e nove meses de idade. Anais Esc. Sup. Luiz de Queiroz (1987)

With J.M.T. Godoy, R. Pedreiro Jr., C.A.C. Queiroz, M.S.T. Santos, S.L. Almeida, C.R.L. Corte & J. Cioni. Ensaio de combate a “broca do café” *Hypothenemis hampei* (Ferrari, 1867) com defensivos químicos. Solo 76:17-22, 1984

With J.F. Franco, J.C. Tardivo, A. Dionisio, V. Palma & L.A. Moretti. Ensaio de combate ao “ácaro branco” (*Polyphagotarsonemus latus*) (Banks,1904) em algodoeiro. Anais Soc. Entomol. Brasil 6(1):101-5, 1977

With F.S. Pulz, W.T. Sanada, T.I. Idagawa & N.T. Murai. Novo ensaio de combate ao “ácaro rajado” *Tetranychus urticae* Koch 1836, em algodoeiro. Solo 67:24-7, 1975

With D. Barbin, N.T. Murai, M. Yoshizaki & N. Macedo. Novos resultados de combate químico ao cupim de monte *Cornitermes cumulans* (Kollar, 1832). O Biológico 27:317-22, 1971

With N.T. Murai & M. Yoshizaki. Combate experimental ao “acaro rajado” (*Tetranychus urticae* Koch, 1936) em cultura de berinjela (*Solanum melongena* L.). Rev. Oleric. 11:42, 1971

Inseticidas e seu emprego no combate as pragas (first edition 1963; 2nd edition 1985)

With J. Soubihe Sobrinho. Contribuição para o conhecimento de alguns insetos que depredam a goiabeira (*Psidium guajava* L.). Public. Cient. Inst. Gen. 2:35-67, 1961

With A.P. Zamith. Contribuição para o conhecimento de *Monosicerya hempeli* (Cockerell, 1899) (Homoptera, Margarodidae) e de seu predador *Exoplectra erythrogaster* Mulsant 1851 (Coleoptera, Coccinellidae). Anais Esc. Sup. Agric. Luiz de Queiroz 17:223-38, 1960

With A.C. Paiva. Notas sobre a saúva e o saueiro. O Biológico 26(6):97-108, 1960

Alguns besouros predadores de eucaliptos na região de Piracicaba. O Biológico 22(1):42, 1956

With S. Iba. A mosca do Mediterrâneo. O Biológico 21:17-32, 1955

With A. Orlando & S. Iba. O besouro de Limeira, praga de plantas frutíferas, eucaliptos e algumas outras culturas. O Biológico 20:1-10, 1954

As lagartas rosca. Praga de plantas hortícolas. O Biológico 20(3):41-6, 1954

With L.G.E. Lordello. Biologia de *Arsenura xanthopus* (Walker 1855) (Lepidoptera, Adelocephalidae) praga do açoita cavalo (*Luehea* spp.) e nota sobre seus inimigos naturais (1953)

Contribuição para o conhecimento do *Diactor bilineatus* (Fabricius,1803) (Hemiptera, Coreidae), praga do maracujazeiro (*Passiflora* spp.) Arq. Inst. Biol. 21:21-42, 1952

Alguns percevejos das frutas. O Biológico 18 (11):181-7, 1952

HONORS

Mariconitermes Fontes & Vulcano 1998 (Fossil Isoptera)

Francisco Elias de Godoy Moreira

February 29, 2024

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

Francisco Elias de Godoy Moreira, Brazilian orthopedic surgeon (Itatiba, São Paulo State 08 November 1899 – São Paulo 06 January 1987)

TECHNIQUES

Described Godoy Moreira osteosynthesis technique of fractures of the femoral neck (Godoy Moreira operation)

O tratamento operatório das fraturas do colo femoral. Seus princípios fundamentais e sua solução técnica. Brasil Medico LII:1027, 1938

Concerning a new method of osteosynthesis of the long bones: Preliminary Report. Rev.Med.Cir. São Paulo 1:135, 1941.

With E. de S.C. Batalha, F. Pires de Camargo & L.G. Wertheimer. Fixação da cabeça femoral na osteossíntese do colo do fêmur. Técnica e aparelhagem. Rev. Hosp. Clinicas 4:61-4, 1949.

Enxerto ósseo “cortical com cortical”. Rev.Hosp. Clinicas 5(4):201-4, 1950.

Princípios fundamentais do tratamento da paralisia infantil, membro inferior (1939)

Técnica para a radiografia lateral do quadril durante a osteossíntese do colo femoral. Rev. Clin. S. Paulo 5(5):199, 1939

DEVICES

Described Godoy Moreira stud belt

A special stud-belt screw for fixation of fractures of the neck of the femur. J. Bone and Joint Surg. 22(3):683, 1940.

A trephine used for biopsy of deep bone tumours in 1948 (Godoy Moreira trephine)

Nouvelle agrafe à trois lames. Livre Jubilaire, Albin Lambotte, Brussels, Vromans & Cie. 1936

Pendulo goniométrico para a medida da rotação interna do fêmur na osteossíntese do colo. Rev. Clin. S. Paulo 5(5):198, 1939

Pinça de Schmerz modificada. Rev. Clin. S. Paulo 23(4):113, 1939

Aparelho localizador do fio de Kirschner na osteossíntese do colo de fêmur. Rev. Clin. S. Paulo 5(5):195, 1939

Fratura do antebraço, um aparelho de contensão temporária. Rev. Clin. S. Paulo 5(5):197, 1939

Abridor de tubo de catgut. Rev. Clin. S. Paulo 5(5):200, 1939

A special lag screw for osteosynthesis

A new set of instruments and a technique for bicondylar type of bone grafts

EPONYMY

Godoy Moreira prosthesis

Godoy Moreira nail

Francisco Gonzalez Medrano

February 29, 2024

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

Francisco Gonzalez Medrano, Mexican botanist and plant ecologist (Ciudad de Mexico 13 January 1939 – Ciudad de Mexico 12 January 2017)

DESCRIBED PLANTAE TAXA

Genera

Neoeplingia 1982 with Ramamoorthy & Hiriart

Rzedowskia 1981

Species

Casimiroa calderonii 1981 with Chiang

Frankenia margaritae 1973

Gochnatia hiriartiana 2004 with Villaseñor & Medina

Mimosa martindelcampoi 1983

Neoeplingia leucophylloides 1982 with Ramamoorthy & Hiriart

Rzedowskia tolantonguensis 1981

Stegnosperma sanchezii 1986 with Medina

Styphnolobium burseroides 1993 with Sousa & Rudd

HONORS

Medranoa Urbatsch & Roberts 2004 (Asteraceae)

Francisco Gregori Jr.

February 29, 2024

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

Francisco Gregori Jr., Brazilian cardiovascular surgeon (Bocaina, São Paulo State 10 December 1947 –

DEVELOPED

NEW SURGICAL TECHNIQUES

With M. Barbero-Marcial, R. Snitcowsky, M. Ebaid, G. Verginelli & E.J. Zerbini. 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 L.A. Façanha, S.S. Silva, L.C. Miguita, I.A. Ribeiro, M.L.P. Goulart, M.F. Campos & E. Sahoo. Nova técnica reconstrutora na insuficiência valvar mitral por ruptura de cordas tendíneas. Arq. Bras. Cardiol. 37:111-4, 1981

With R.T. Takeda, S.S. Silva, L.A. Façanha & M.A. Meier. A new technique for repair of mitral insufficiency caused by ruptured chordae the anterior leaflet. J. Thorac. Cardiovasc. Surg. 96:765-8, 1988

With R.T. Takeda, L.A. Façanha, S.S. Silva, L.C. Miguita, S.S. Hayashi & T.E.F. Gregori. Nova técnica reconstrutora na insuficiência mitral por alongamento das cordas tendíneas da cúspide anterior. Arq. Bras. Cardiol. 54:205-9, 1990

With S.S. Silva, L.A. Façanha, O.M. Moure, M.L.P. Goulart, C.O. Cordeiro & W. Rade. Autotransplante de cordas tendíneas. Nova técnica para tratamento cirúrgico da insuficiência mitral por rotura de cordas tendíneas da cúspide anterior. Rev. Bras. Cir. Cardiovasc. 7:250-5, 1992

With C.O. Cordeiro, M.L.P. Goulart, W.J. Couto, V. Rosa, S.S. Silva, L.A. Façanha, O.M. Moure, I.A. Ribeiro, W.K. Aquino, S.S. Hayashi, R.B. Rezende & A. Miguita Jr. Técnica de Cox sem crioablação para o tratamento cirúrgico da fibrilação atrial. Rev. Bras. Cir. Cardiovasc. 8:220-4, 1993 (first report of Cox operation in children in literature)

With S.S. Silva, A.L. Façanha, C.O. Cordeiro, W.K. Aquino & O.M. Moure. Preliminary results with a new technique for repairing elongated chordae tendineae of the anterior mitral valve leaflet. J. Thorac. Cardiovasc. Surg. 107:321-3, 1994

With S.S. Silva, M.P. Goulart, O. Canesin & S.S. Hayashi. Grafting of chordae tendinae: a new technique for the repair of mitral insufficiency caused by ruptured chordae of the anterior leaflet. J. Thorac. Cardiovasc. Surg. 107(2):635-8, 1994

With S.S. Silva, I.A. Ribeiro, C.O. Cordeiro & W.J. Couto. Modified technique for total cavopulmonar connection. Ann. Thorac. Surg. 57:1649-51, 1994

With C.O. Cordeiro, W.J. Couto, S.S. Silva, W. Aquino & A. Nechar Jr. Cox-Maze operation without cryoablation for the treatment of chronic atrial fibrillation. Ann. Thorac. Surg. 60:361-4, 1995

With C.O. Cordeiro, U.A. Croti, S.S. Hayashi, S.S. Silva & T.E.F. Gregori. Partial tricuspid valve transfer for repair of mitral insufficiency due to ruptured chordae tendineae. Ann. Thorac. Surg. 68:1686-91, 1999

With C.O. Cordeiro, U.A. Croti, T.E.F. Gregori & O.M. Moure. Transplante cardíaco em paciente com agenesia total do pericárdio. Arq. Bras. Cardiol. 75:249-50, 2000

OTHERS

Proposed segmental shortening velocity, a hemodynamic index for assessing the segmental contracture of left ventricle

Resultados hemodinâmicos do implante intra-miocárdico da artéria mamária interna. Master Dissertation, Faculdade de Medicina, Universidade de São Paulo (1980)

Developed Gregori-Braile prothetic ring for mitral annuloplasty (1987)

With S.S. Silva, K. Baba, L. Queiroz, R.T. Takeda, L.A. Façanha, S.S. Hayashi & O. Canesin. Um novo modelo de anel protético para pacientes com insuficiência da valvar mitral. Relato de dois casos. Arq. Bras. Cardiol. 50:407-20, 1988

With S.S. Silva, S.S. Hayashi, W. Aquino, C. Cordeiro & L.R. Silva. Mitral valvuloplasty with a new prothetic ring. Analysis of the first 105 cases. Eur. J. Cardiothorac. Surg. 8(4):168-72, 1994

Developed Braile-Gregory prosthesis for replacing chordae tendinae of atrioventricular valves (2006)

With J.C. Leal, L.E. Gallina, R.S. Thevenard & D.M. Braile. Avaliação ecodopplercardiográfica em pacientes submetidos a substituição de cordas tendíneas rotas. Rev. Bras. Cir. Cardiovasc. 22:184-91, 2007

With J.C. Leal & D.M. Braile. Premolded bovine pericardial chordate for replacement of ruptured chordate tendinae. Heart Surg. Forum 13:517-20, 2010

Proposed h-fac index, a personal scientometric index

With .F. Godoy & F.F. Gregori. Proposta de um índice cientométrico individual, com ênfase na ponderação positiva da participação do primeiro autor: índice h-fac. Rev. Bras. Cir. Cardiovasc. 27(3):370-6, 2012

LINKS

<http://fgregorijunior.blogspot.com/2012/11/214-desenvolvimento-de-tecnicas.html>

Francisco Grohmann

February 29, 2024

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

Francisco Grohmann, Brazilian pedologist (fl.1941-82)

DEVELOPED METHODS / DEVICES

With H.P. Medina & A. Kopper. Novo tipo de lisímetro monolítico. *Bragantia* 11:333-5, 1951

Análise de agregado de solos. *Bragantia* 19:199-213, 1960

With A. Conagin. Técnica para o estudo da estabilidade de agregados do solo. *Bragantia* 19(22):329-43, 1960

With B. Van Raij. Influencia dos métodos de agitação na dispersão da argila do solo. *Anais Congr. Bras. Cien. Solo* 14:123-32, 1973

With O.A. de Camargo, E. Salati & E. Matsui. A technique for sampling the soil atmosphere. *Soil Sci.* 117:173-4, 1974

With M.B. P. Camargo & A.P. Camargo developed a simple direct-reading glassy tensiometer for determining soil moisture in *Pesq. Agropec. Bras.* 17(12), 1763-72, 1982

Francisco Javier Matís

April 3, 2024

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

Francisco Javier Matís Mahecha, Colombian botanist and botanical painter (San Miguel de las Guaduas, Cundinamarca Department 1763 – Bogotá 05 November 1851)

Discovered an antidote from *Mikania guaco* H.B.K. for snake venoms (1788)

Relación sobre el descubrimiento del guaco (published in 1860)

With S. Mutis authored Anatomias de las singenesias o florones. Arqu. Iconogr. Real Jardín Bot. Madrid M174-201, M310-43 (ined.)

HONORS

Matisia Humboldt & Bonpland 1805 (Malvaceae)

Francisco Javier Muñiz

April 3, 2024

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

Francisco Javier Thomas de la Concepción Muniz y Frutos, Argentine physician and naturalist (Monte Grande, Buenos Aires Province 21 December 1795 – Buenos Aires 08 April 1871)

Discovered the remains of *Dasyops giganteus* (1825) but didn't publish it. D'Orbigny published the fossil species some years later (1838)

Described *Smilodon bonaerensis* (1845) and other new fossil species

Discovered and described some fossil vertebrates (*Arctotherium* sp; *Lestodon* sp., *Hippidion neogaeum*;

Discovered the first human remains in Argentina

Invented some pharmaceutical preparations

His studies on scarlet fever were presented by Charles Darwin in Royal Medical Body of Surgeons at London

HONORS

Genus *Munyizia* Kraglievich 1931 (Fossil Mammalia)

Honorary Member, Royal Jennerian Society of London for his studies on human vaccines in order to treat cutaneous affections (1831)

Berzelius Medal (1861)

Named Vasa Order Knight, Sweden (1864)

Francisco Jeronimo Salles Lara

March 6, 2024

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

Francisco Jeronimo Salles Lara, Brazilian biochemist (São José dos Campos, São Paulo State 22 June 1925 – São Paulo State 07 September 2004)

Described a method to culture dipteran *Rhynchosciara angelae*

With H. Tamaki & C. Pavan. Laboratory culture of *Rhynchosciara angelae*. Amer. Natur. 99:189-91, 1965

With M.C. Okretic. A micromethod for the assay of poly(A) containing RNA by gel electrophoresis. Biochem. J. 151:575-80, 1975

Discovered that DNA puffs were responsible to messengers production

With M.C. Okretic & J.S. Penoni. Messenger-like RNA synthesis and DNA chromosomal puffs in the salivary glands of *Rhynchosciara americana*. Arch. Biochem. Biophys. 178:158-65, 1977

Papers in top journals

With M.F. Bonaldo & R.V. Santelli. The transcript from a DNA puffs of *Rhynchosciara* and its migration to the cytoplasm. Cell 17:827-33, 1979

With D.M. Glover, A. Zaha, A.J. Stocker, R.V. Santelli, M.T. Pueyo & S.M. Toledo. Gene amplification in *Rhynchosciara* salivary gland chromosomes. Proceed. Nat. Acad. Sci. 79:2497-51, 1982

Francisco José de Abreu Mattos

April 3, 2024

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

Francisco José de Abreu Mattos, Brazilian pharmacist and plant chemist (Fortaleza 21 May 1924 – Fortaleza 22 December 2008)

Studied pharmacological properties of medicinal plants and natural products chemistry

Authored 153 papers and 5 books

Improved an apparatus for determination of essential oils

With R. Wasicky. Um melhoramento no aparelho para determinação de óleos essenciais da Farmacopéia Brasileira Edição II de 1959. Trib. Farm. 28(6):58-9, 1960

Discovered healing properties of *Myracrodruon urundeva* and fungicide and bactericidal properties of *Lippia sidoides*

Seleção de plantas para estudo, através de abordagem química e farmacológica. Arq. Inst. Biol. 35(2):46-52, 1968 (Suppl. 1)

With O.R. Gottlieb isolated first isocucurbitacin (1967)

CHEMICALS

A naphthoquinoid from *Lippia sidoides* (1988)

A saponin from *Bredemeyera floribunda* (1996)

Triterpene chamaedrydiol from *Marsippanthes chamaedrys* (1998)

An isoflavone from *Harpalyce brasiliana* (1999)

A dimeric chalcone (2002)

Francisco Leon y Blanco

March 6, 2024

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

Francisco Leon y Blanco, Cuban-born Mexican pathologist (Guantanamo, Cuba 04 July 1904 – 1960)

From Chinese and Spanish descent

With Cuban J.A. Armenteros discovered *Treponema herrejon* as etiologic agent of mal de pinto independent from Saenz & Triana (1938)

Proposed modern conception of pinto and demonstrated the experimental transmission of this disease in man

Estudios sobre la etiología del mal de pinto: la transmisión experimental del mal de pinto de persona a persona. Nota preliminar. Rev. Mex. Medicina 19:17-22, 1939

Described initial and secondary lesions of pinta or mal de pinto

Proposed the term pintides for disseminated secondary lesions of pinta

With F. Latapí. Las lesiones del principio del mal de pinto. Una nueva dermatosis. Rev. Mex. Medicina 20:315, 1940

Eponym of Leon Blanco disease or mal de pinto

Francisco Mago Leccia

April 3, 2024

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

Francisco Mago-Leccia, Venezuelan ichthyologist (Tumeremo, Bolívar State 21 May 1931 – Puerto La Cruz, Anzoátegui State 27 February 2004)

DESCRIBED VALID PISCES TAXA

Genera

Brachyhypopomus 1994

Distocyclus 1978

Exallodontus 1991 with Lundberg & Nass

Gladioglanis 1989 with Ferraris

Megadontognathus 1994

Platyurosternachus 1994

Racenisia 1994

Species

Adontosternachus clarkae 1985 with Lundberg & Baskin

Adontosternachus devenanzii 1985 with Lundberg & Baskin

Compsaraia compsus 1994

Eigenmannia aguanai 1991 with Lundberg & Nass

Eigenmannia nigra 1994

Entomocorus gameroi 1984

Gladioglanis conquistator 1991 with Lundberg & Bornbusch

Gladioglanis machadoi 1989 with Ferraris

Gymnotus cataniapo 1994

Gymnotus pedanopterus 1994

Gymnotus stenoleucus 1994

Hypopygus neblinae 1994

Megadontognathus cuyuniense 1994

Racenisia fimbriipinna 1994

Rhabdolichops eastwardi 1986 with Lundberg

Rhabdolichops electrogrammus 1986 with Lundberg

Rhabdolichops stewarti 1986 with Lundberg

Rhabdolichops zareti 1986

Sternachella orinoco 1995

Sternachella orthos 1994

Sternachorhynchus roseni 1994

Sternopygus astrabes 1994

HONORS

Magosternachus Lundberg, Cox Fernandes & Albert 1996 (Pisces)

LINKS

<http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

Francisco Megale

April 3, 2024

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

Francisco Megale, Brazilian veterinarian (Viçosa, Minas Gerais State 1914 – Belo Horizonte 15 July 1992)

Gained international recognition on animal reproduction

Perfected McEntee endoscopic technique and modified the endoscope (1955-7)

Developed the peritoneoscopy in veterinary

With M.G. Fincher & E. McEntee. Peritoneoscopy in the cow: visualization of the ovaries, oviducts and uterine horns. Cornell Veterinary 46(1):109-21, 1956 (presented a laparoscopic technique for inner reproductive organs for females of distinct species)

Described the technique of peritoneoscopy in the mare

With N.Q. Silva. Peritoneoscopy in the mare. Arq. Esc. Vet. UFMG 23:91-101, 1971

Developed a peritoneoscope

DEVELOPED TECHNIQUES

Peritoneoscopia no diagnóstico precoce da gestação na ovelha e na cabra. Arq. Esc. Sup. Med. Vet. UFMG 15:139-45, 1963

Comunicação sobre uma técnica simples e prática para colheita de urina em machos da espécie bovina. Arq. Esc. Vet. Sup. Med. Vet. UFMG 15:403, 1963

Nova técnica de coloração para o estudo da morfologia do espermatozóide. Arq. Esc. Sup. Med. Vet. UFMG 25(2):207, 1973

With P.A.D. Belém & H.L. Santos. Acesso ao óstio externo da uretra de vacas para o cateterismo vesical ou a cistoscopia. Descrição de uma técnica. Arq. Bras. Med. Vet. Zootec. 37(4):343-7, 1985

OTHERS

Sobre um aparelho para o tratamento cirúrgico de fimose e acroburstite em reprodutores da espécie bovina. Arq. Esc. Sup. Vet. UMG 1:67-73, 1943

Nota prévia. Novo conservador para o estudo da morfologia do espermatozóide bovino. Arq. Esc. Vet. UFMG 25(2):207, 1973

Francisco Montes de Oca

April 3, 2024

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

Francisco Montes de Oca y Saucedo, Mexican surgeon (Ciudad de Mexico 27 January 1837 – Apam, Hidalgo State 14 March 1885)

Modified surgical method for Jimenez assessment of hepatic abscess

Introduced continuous antiseptic irrigation of wounds

Modified Larrey procedure for shoulder disarticulation

Desarticulación de hombre (Modificaciones al procedimiento de Larrey) 1863

Modified Chassaignac procedure for testis resection

Extirpación del testículo (Modificaciones del procedimiento de M. Chassaignac) 1872

Developed a new surgical technique for amputation of third upper of leg (Montes de Oca amputation or Mexican amputation)

Amputación de pierna en el lugar de elección (Incisión en raquetas)

A operative procedure for treatment of phimosis

Operación de la fimosis (1872)

Developed a technique of total thyroidectomy (1883)

Developed a lever for anaesthesia

Francisco Pascasio Moreno

April 3, 2024

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

Francisco Josué Pascasio Moreno Thwaites, Argentine explorer, geographer and paleontologist (Buenos Aires 31 May 1852 – Buenos Aires 22 November 1919)

From Spanish father and English grandmother

Performed collections of fossils, anthropological and archaeological material in Patagonia

DESCRIBED VALID FOSSIL GENERA

Amphinasua 1891 with Mercerat (Mammalia)

Brontornis 1891 with Mercerat (Aves)

Dryornis 1891 with Mercerat (Aves)

Foetopterus 1891 with Mercerat (Aves)

Mesembriornis 1889 (Aves)

Onohippidum 1891 (Mammalia)

Palaeobalaena 1892 (Mammalia)

Palaeospheniscus 1891 with Mercerat (Aves)

Palaeotenthes 1882 (Mammalia)

Patagornis 1891 with Mercerat (Aves)

Protorhea 1891 (Mammalia)

Psilopterus 1891 with Mercerat (Aves)

HONORS

Official, Academie de France (1883)

Honorary Member, Geological Society of London (1898)

Gold Medal, Societ  de Geographie de Paris (1881)

Crevaux Medal, Societ  Geographique Commerciale de Paris (1899)

GENERA

Morenostrobus Del Fueyo, Archangelsky & Taylor 2009 (Fossil Plantae)

Morenoella Spegazzini 1885 (Fungi)

Morenoina Theissen 1913 (Fungi)

Morenella Palmer 1903 (Fossil Mammalia)

Morenelaphus Carette 1923 (Fossil Mammalia)

Morenocetus Cabrera 1926 (Fossil Mammalia)

Moreno-merceratia Lambrecht 1933 (Fossil Aves)

Moreno Mello-Leit o 1940 (Arachnida)

Franciscoia Orfila & Schajovskoy 1963 (Lepidoptera)

Franz Eugen Hussak

February 29, 2024

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

Franz Eugen Hussak, Austrian-born Brazilian mineralogist and petrographer (Wilden, Steiermark 10 March 1856 – Poços de Caldas, Minas Gerais State 05 September 1911)

First described the pseudoleucites (1890)

Presented first accurate reports about microstructure of titaniferous iron ores

DESCRIBED NEW MINERAL SPECIES

Gorceixite (1906)

Zirkelite (1895) with Prior

Senaite (1898) with Prior

Lewisite (1895)

Derbylite (1895) with Prior

Tripuyite (1897) with Prior

Florencite (1899) with Prior

Frederick Van der Merwe

April 3, 2024

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

Frederick Ziervogel Van der Merwe, South African amateur botanist (Stellenbosch 10 December 1894 – Cape Town 02 January 1968)

DESCRIBED PLANTAE TAXA

Valid Genera

Resnova 1946 (Asparagaceae)

Schizocarphus 1943 (Liliaceae)

Species

Ledebouria asperifolia 1941

Ledebouria rupestris 1941

Resnova maxima 1946

Resnova minor 1946

Resnova pilosa 1946

Scilla petiolata 1941

HONORS

Merwillia Speta 1998 (Asparagaceae)

Frederico Carlos Hoehne

February 29, 2024

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

Frederico Carlos Hoehne, Brazilian botanist (Juiz de Fora, Minas Gerais State 01 February 1882 – São Paulo 16 March 1959)

Son of German immigrants

Authored 117 scientific papers

Coined the term nest epiphyte

Discovered and/or described more than 400 new plant species

DESCRIBED ORCHIDACEAE TAXA

Valid Genera

Loefgrenianthus 1927

Phloeophila 1926 with Schlechter

Pseudomaxillaria 1944

Rudolfiella 1944

Uleiorchis 1944

Species

At least 133

HONORS

Hoehnea 1939 (Lamiaceae)

Hoehneella Ruschi 1945 (Orchidaceae)

Hoehnephytum Cabrera 1950 (Asteraceae)

Hoehnemastix Skvortzov 1974 (Protozoa)

Frederico Waldemar Lange

March 6, 2024

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

Frederico Waldemar Lange, Brazilian geologist, micropaleontologist and stratigrapher (Ponta Grossa, Paraná State 23 December 1911 – Rio de Janeiro 16 June 1988)

From German ancestry

Authored 22 works

Described new fossil species of mollusks, brachiopods, scolecodonts, chitinozoans and acritarchs

DESCRIBED FOSSIL TAXA (incomplete)

Family

Paulinitidae (Polychaeta)

Genera

Paulinites 1947 (Polychaeta)

Navifusa 1967 with Combaz and Pansart (Protozoa)

Cladochitina 1967 (Chitinozoa)

Species

Angochitina mourai 1952

Cladochitina biconstricta 1967

Cladochitina varispinosa 1967

Conochitina biconstricta 1949

Desmochitina sommeri 1952

Diaphorostoma paranensis 1943

Didymaulichnus furnai 1942

Eunicites paranaensis

Lagenochitina avelinoi 1952

Mourlonia oliveirai 1952

Nuculites depressus 1943

Orbiculoidea excentrica 1943

Paulinites paranaensis 1947

Paulinites canuiensis 1950

Pholidops kozlowskii 1943

HONORS (Fossil)

Langeites Kielan-Jaworowska 1966 (Polychaeta)

Langella Mendes 1961 (Brachiopoda)

Friedrich Carl Lehmann

March 6, 2024

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

Friedrich Carl Lehmann, German-born Colombian botanist and mycologist (Gusow-Platkow, Markisch-Oderland, Brandenburg State 27 December 1850 – Popayá, Cauca Province 24 November 1903)

Collected many orchid specimens that were recognized as new taxa by famous experts

DESCRIBED PLANTAE TAXA (Orchidaceae)

Genera

Gorgoglossum 1897

Otopetalum 1899 with Kraenzlin

Trevoria 1897

Species

About 130

HONORS

Lehmanniella Gilg 1895 (Gentianaceae)

Neolehmannia Kraenzlin 1899 (Orchidaceae)

Friedrich Carl Muller-Melchers

April 3, 2024

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

Friedrich (Federico) Carl (Carlos) Müller-Melchers, German-born Uruguayan phycologist (Bremen 07 February 1890 – Montevideo 1967)

Developed a rapid technique for mounting diatoms slides

With Hugo J. Ferrando. Técnicas para el estudio de las diatomeas. Bol. Inst. Oceanogr. 7(1-2):151-60, 1956

DESCRIBED BACILLARIOPHYCEAE SPECIES

Actinocyclus atlanticus 1959

Actinocyclus brasiliensis 1957

Actinocyclus platensis 1954

Actinoptychus frenguelli 1951

Chaetoceros appendiculatus 1954

Chaetoceros confertus 1954

Chaetoceros insignis 1953

Chaetoceros uruguayensis 1953

Coscinodiscus brasiliensis 1955

Thalassiosira hustedtii 1953

HONORS

Melchersiella C. Teixeira 1959 (Bacillariophyceae)

LINKS

http://www.mec.gub.uy/munhina/pdf/Muller_Melchers_biobiblio.pdf

Friedrich Johow

March 1, 2024

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

Friedrich Richard Adelbert Johow, German-born Chilean botanist and mycologist (Kolmar in Posen, today Poland 05 February 1859 – Valparaíso 30 April 1933)

Coined the term hemiparasite (1890)

Described the genus *Centaurodendron* 1896 (Asteraceae) and 53 new plant species

HONORS

Johawia Silva Figueroa 1916 (Diptera)

Friedrich Muellerried

April 3, 2024

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

Friedrich Karl Gustav Muellerried, German-born Mexican geographer and paleontologist (Karlsruhe, Baden 14 August 1891 – Ciudad de Mexico 22 May 1952)

Authored 108 works

DESCRIBED FOSSIL MOLLUSCA TAXA

Genera

Chiapasias 1931

Chiapasella 1933

Species

Agriopleura douvillei 1933

Apricardia mongesi 1947

Bournonia carrilloi 1947

Cardium ochoterenai 1933

Chiapasella pauciplicata 1931

Colostracon tehuacanensis 1934

Durania coahuilensis 1952

Durania mexicana 1947

Monopleura aguilerai 1933

Monopleura felixii 1933

Monopleura klinghardti 1933

Monopleura medellini 1933

Monopleura mexicana 1933

Monopleura ochoterenai 1933

Monopleura paronai 1933

Monopleura texcalensis 1933

Monopleura zapotitlensis 1933

Neoradiolites ordonezi 1946

Perna lamberti 1934

Ptychomya mexicana 1948

Tetragonites burckhardti 1933

Toucasia mexicana 1944

Toucasia neoleonesa 1948

Xylobius mexicanus 1942

Others

Clypeaster chiapasensis 1951 (Echinodermata)

Helicoprion mexicanus 1946 (Pisces)

HONORS

Muellerriedia Alencaster 1999 (Fossil Mollusca)

Fritz Muller

April 3, 2024

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

Johann Friedrich Theodor Muller, German-born Brazilian naturalist (Windischholzhausen Village, near Erfurt 31 March 1821 – Blumenau, Santa Catarina State 21 May 1897)

Authored about 260 works

Discovered and described dimorphism in larvae and pupa of Blephariceridae family

Demonstrated the differences between termite caste from ant caste systems

Reported that larvae of certain butterflies feed out some plants and that this fact could be take account of by taxonomy

Discovered tropholaxis phenomenon between a Hemiptera larva (*Membracis* sp.) and a bee (*Melipona* sp.) or some ant species (1873)

Examined that orchids are self-sterile plants

Discovered the symbiosis between plant *Cecropia* sp. and the ants

Described a new nictitropic motion of leaves

Formulated Muller-Haeckel law biogenetic (today discredited)

Classified the sambaquis in 3 types in according to its shells and described the cranes found in it

Proposed the first mathematical model of population dynamics

Proposed the concept of Mullerian mimicry (1878-9)

DESCRIBED VALID NEW TAXA

Trichoptera

Genera/Subgenera

Dicaminus 1879

Grumicha 1879

Grumichella 1879

Marilia 1878

Nectopsyche 1879

Peltopsyche 1879

Rhyacophylax 1879

Rhyacopsyche 1879

Species

Dicaminus ladislavii 1879

Eutonella peltopsychodes 1921

Leptonema eugnathum 1921

Marilia major 1880

Marilia minor 1880

Nectopsyche bella 1921

Nectopsyche gemma 1890

Nectopsyche modesta 1921

Oxyethira hyalina 1879

Oxyethira spirogyrae 1879

Peltopsyche maclachlani 1879

Peltopsyche sieboldi 1879

Phylloicus bromelianum 1880

Phylloicus major 1880

Phylloicus medius 1880

Rhyacopsyche hagenii 1879

Xiphocentron saltuum 1921

Annelida

Genera

Glycinde 1858

Hermundura 1858

Magelona 1858

Sigambra 1858

Species

Cherusca nitens 1858

Glycinde multidentis 1858

Halosydnella fusca 1858

Hermundura tricuspis 1858

Isolda pulchella 1858

Magelona papillicornis 1858

Magelona papilliformis 1858

Namanereis littoralis 1872

Pontoscolex corethrurus 1857

Sigambra grubii 1858

Terebellides anguicomus 1858

Platyhelminthes (with Schultze 1857)

Genus

Geoplana

Species

Geobia subterranea

Geoplana (Geoplana) burmeisteri

Geoplana (Geoplana) marmorata

Geoplana (Geoplana) rufiventris

Geoplana elegans

Notogynaphalia atra

Notogynaphalia octostriata

Pasipha pulchella

Pseudogeoplana maximiliani

Pseudogeoplana nephelis

Pseudogeoplana tristriata

Crustacea

Genera

Batea 1865

Elpidium 1880

Lernaeodiscus 1862

Species

Batea catharinensis 1865

Cancrion cancrorum 1864

Elpidium bromeliarum 1880

Heterias exul 1892

Lernaeodiscus porcellanae 1862

Macrobrachium potiuna 1880

Synurella ambulans 1846

Others

Genera

Aglauroopsis 1865 (Cnidaria)

Carijoa 1867 (Cnidaria)

Darwinella 1865 (Porifera)

Olindias 1861 (Cnidaria)

Tamoya 1859 (Cnidaria)

Species

Aglauroopsis agassizi 1865 (Cnidaria)

Chiropsalmus quadrumanus 1859 (Cnidaria)

Glossiphonia verrucata 1844 (Hirudinea)

Lissomyema exilii 1883 (Echiura)

Olindias sambaquiensis 1861 (Cnidaria)

Paltostoma torrentium (Diptera)

Placobdella costata 1846 (Hirudinea)

Procornitermes lespesii 1873 (Isoptera)

Tamoya haplonema 1859 (Cnidaria)

EPONYMY

Mullerian association

Muller bodies (in the basis of petiole of *Cecropia* sp. leaves)

HONORS

Fritzianira Castro & Lima 1977 (Crustacea)

Fritzia O.P. Cambridge 1879 (Arachnida)

Fritziana Mello Leitão 1937 (Amphibia)

Muelleritermes Oliveira, Rocha & Canello 2015 (Isoptera)

Fuad Lechín

March 6, 2024

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

Fuad Lechín Corban, Venezuelan neuropharmacologist (08 August 1928 –

From Lebanese parents

Authored over 240 papers and 4 books

Developed a new treatment of bronchial asthma and myasthenia gravis

Demonstrated that drugs which enhances uptake by presynaptic serotonergic axons are potent anti-narcoleptic agents in patients resistant to methyl phenidate

First to demonstrate the antidiarrheal effect of clonidine, dihydroergotamine, and other alpha adrenergic antagonists, as well as dopaminergic blocking agents

Enunciated the adrenergic theory of schizophrenia

FOUND

That patients affected by vertigo have raised levels of free serotonin in plasma

Two types of neurochemical disorders underlying hyperkinetic children (excessive free serotonin in plasma and excessive dopaminergic activity with noradrenergic over activity)

That patients displaying post-traumatic stress disorder show total exhaustion of central noradrenergic, dopaminergic and serotonergic activity

That symptomatic asthma patients show increased plasma serotonin values

OTHERS

With B. Van der Dijs & A.E. Lechin. Tianeptine. A new exploratory therapy for asthma. Chest J. 125(1):348-9, 2004

With B. Van der Dijs. Physiological, clinical and therapeutic basis of a new hypothesis for headache. Headache 20(2):77-84, 1980

With B. Van der Dijs, E. Lechin, F. Peña & A. Bentolilla. The dopaminergic and noradrenergic blockades: a new treatment for headache. Headache 18(2):69-84, 1978

New method of investigation of exocrine secretion of the pancreas: preliminary communication. Gac. Med. Caracas 61(3-5):89-110, 1954

Un nuevo modelo de dilatador esofágico. Gen 7:1-2, 1952-3

Papers in top-journals

With B. Van der Dijs & A.E. Lechin. Tianeptine, plasma serotonin and pulmonary hypertension. Lancet 361(9351):87, 2003

Intestinal hormones and plasma insulin. Lancet 2:35-6, 1966

With B. Van der Dijs. Glucose disposal. Lancet 2:1122, 1964

HONOURS

Medicine and Physiology Nobel Prize nominee (2001)

2000 Outstanding Scientists of the 20th Century, International Biographic Centre (2000)

500 Leaders of Influence, American Biographical Institute (2000)

LINKS

www.lechin.com See <http://www.lechin.com/>.

Gabriel Guarneros Pena

February 29, 2024

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

Gabriel Guarneros Peña, Mexican molecular biologist (Ciudad de Mexico 08 July 1941 –

ACHIEVEMENTS

Discovered new bacteriophages infecting *Pseudomonas aeruginosa* and *Entamoeba histolytica*

Characterized novel genetic signals which regulate messenger RNA translation in prokaryotes

Discovered a minigene that regulates translation termination

Proposed a novel concept of retroregulation of gene expression

With V. Flores, A. Cazares, E.M. Adriaenssens, L. Kameyama, O. Sepulveda Robles, A. Kropinski & J.H. Kuhn described a new viral genus, Pamx74 virus (2016)

HONOURS

Life Sciences Award, Montreal Interscience Association (2012)

International Howard Hughes Scholar, Howard Hughes Medical Institute (1991–6)

Gabriel Moreno

April 3, 2024

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

José Gabriel Moreno Espinoza, Peruvian physician and naturalist (Canta, Huamantanga District 19 March 1735 – Lima 09 May 1809)

Studied botany under Joseph de Jussieu

Studied medicinal properties of various plants

Explored Vulcan Pichincha in order to determine vapors temperature being the memory that published about it gained a good repercussion

SOME BIBLIOGRAPHY

Prelusión que en el examen de anatomia (1796)

Almanaque peruano y guía de forasteros para el año de 1805

Almanaque peruano y guía de forasteros para el año de 1807

Almanaque peruano y guía de forasteros para el año de 1810

HONORS

Subgenus *Morenia* Ruiz & Pavón 1794 (Arecaceae)

Garcia Lebrede family

February 29, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Joaquín María de la Asunción Garcia Lebrede y Lladó, Cuban physician (Matanzas 18 August 1833 – La Habana 26 November 1899)

Invited to join as correspondent fellow of Société de Biologie de Paris due to this work below

Note sur les lésions hepaticues dans deux cas de fièvre jaune. Gaz. Med. Paris (1874) & Comptes Rendus des Seances et Mem. de la Société de Biologie (1877)

Another prize-winning work by Real Academia de Medicina de Madrid related physiology and therapeutics via organic chemistry

Aplicaciones que permite hacer a la fisiología y a la terapeutica el estado actual de la Quimica Organica (1870)

Many of his works received praise in foreign countries

Received many titles and honors from many societies worldwide

SOME BIBLIOGRAPHY

Disertación sobre el tétano (1856)

Consideraciones sobre la cuestión de identidad de las fiebres biliosa y grave y amarilla. Anales Real Acad. Cien. Med. Fis. Natur. La Habana 3:245-54 & 287-300, 1866-7

Ensayo sobre una nueva teoria quimico-fisiologica de la fiebre amarilla endemica de las Antillas. Inf. Acad. Cien. 7, 1870-1

Informe sobre enajeción mental de D.E.R. en causa por tentativas de violación en sus hijas. Trab. Com. Med. Leg. Hig.Publ. R. Acad. Cien. Med. La Habana (1873)

Sobre la marcha que pudo emprender un herido.An. Acad. Cien. Med. La Habana (1888)

His son, Mario Adolfo García-Lebrede Arango, hygienist and epidemiologist (La Habana 27 April 1866 – La Habana 05 July 1931)

Consultant for several foreign institutions

Described the way in which occur the transmission of filariasis in man by mosquitoes

Metamorphosis of Filaria in the body of the mosquito (*Culex pipiens*). J. Infect. Dis. (1905)

Nota preliminar deducida de experiencias practicas que demuestran el sitio por donde la *Filaria nocturna* abandona el *Culex pipiens* infectado. Rev. Med. Trop. Habana 5:171-2, 1904

Authored a work recognized abroad

La fiebre amarilla y su diagnostico em especial de los casos benignos. Sanidad y Beneficiencia (1909)

Diagnosis of yellow fever: with special reference to mild cases, a study in sanitation

SOME BIBLIOGRAPHY

La fiebre amarilla: su diagnostico (1931)

Tratamiento del paludismo (1930)

La defensa sanitaria de Cuba. Rev. Med. Cubana (1929)

Estado actual de nuestros conocimientos sobre la enfermedad de Weil y la fibre amarilla. Bol. Med. Cir. Guayaquil (1922)

Leptospirosis experimental con un “strain” (Merida) de Noguchi. Rev. Med. Cir. La Habana (1921)

With J. Guiteras & W.H. Hoffmann. *Leptospira icterohemorrhagiae* en La Habana. Anales Acad. Cien. Med. Fis. Natur. La Habana LVII:462-3, 1920-1

Considerations suggested by publications of Dr. Noguchi on experimental yellow fever (1919)

Causas y medios de reducir la mortalidad infantil en cada término municipal. Bol. San. Benef. 18:209-33, 1917

La invasión paludica em las provincias de Camaguey y Oriente. Bol. San. Benef. (1917)

Beri-beri: an epidemiological and experimental study (1915)

Parasitismo intestinal en Cuba (1914)

With A. F. Coca & G.M. Dorrance. “Vaccination” in cancer. II. A report of the results of the vaccination therapy as applied in 79 cases of human cancer. Z. Immun. Forsch. Exp. Ther. 13:543, 1912

Organización del servicio bacteriologico de peste en la sección de investigaciones y estudio de las enfermedades transmisibles. San. Benef. 8:179-241, 1912

Report on the yellow fever in Madeira: diagnosis, epidemiology. Bull. Yellow Fever Bureau 1:294, 1911-2

Informe sobre la fiebre amarilla en Merida. Diagnostico y Epidemiologia (1911)

Contribution to the study of beriberi. J. Am. Publ. Health Assoc. 1:924, 1911

With A. Recio. Poliomieltis anterior aguda epidemica: Epidemia de Cuba 1909. Sanidad y Beneficiencia 3:170, 1910

Un caso de larvas de *Dermatobia cyaniventris* observada en el hombre. Rev. Med. Cir. La Habana 13:425, 1908

Un caso de fiebre recurrente en La Habana (1906)

With E. Martínez y Martínez. Un caso de enfermedad de Weil. Rev. Med. Trop. 6:25-32, 1905

Algunas observaciones sobre la anatomía del mosquito con dibujos originales. Rev. Med. Tropical 5(4), 1904

Huespedes de infección protozoarica (1903)

Rabia. Su diagnostico por los corpusculos de Negri. Bol. San. Benef. 2:634, 190?

Gaspar Marcano

April 3, 2024

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

Gaspar Marcano Echenique, Venezuelan physician and anthropologist (Caracas 01 April 1850 –Paris, France 16 January 1910)

Brother of scientist Vicente Marcano

ACHIEVEMENTS

Performed a study about leprosy that was awarded by Academie de Medecine de Paris

Invented hemostereometer, a device for measuring blood sedimentation

Developed Marcano solution or fluid for counting blood red cells

Collected an important showcase of cranes and skeletons (today in Musee de Homme at Paris)

MEMBERSHIP/HONORS

First Foreigner to occupy an official position in Faculté de Medecine de Paris (1878)

Honorary Member, Soci   Anatomique de Paris

Bronze Medal, French Public Assistance

Gastão Galhardo Madeira

April 3, 2024

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

Gastão Galhardo Madeira, Brazilian aeronautical engineer (Ubatuba, São Paulo State 20 June 1869 – São Paulo 04 August 1942)

Discovered the principle that explained the suspension of birds bodies and their displacement due to removal of gravity center

Authored a complete study of his works in newspaper Correio Paulistano during January 1892 (days 6,8,9, 10,12,13,14,15,16,23,24 & 27)

PATENTS

(obtained in Brazil, French, Germany, Italy, England and USA)

A new dirigible aerostat (1890)

Aviplane, a device to assert more equilibrium stability to airplanes(1911) with Hilário Freire

A new kind of airplane (1913)

A mechanism of movable pieces to assert of automatic stabilization of airplanes and analogues (1913) & PF475.066 (1914)

A Flight simulator PF 474.398 (1914)

Electric signs ruled by a revolving door. PF480.454 (1915)

Elevator control mechanism of airplanes and other aerial devices. PF491.840 (1916)

A new kind of air screw for airplanes, sea-planes, dirigibles and other similar (1939)

Gatti family

February 29, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Carlos Zacarias Santiago Gatti Battilana, Paraguayan physician, ethnologist and philologist (Asunción 30 December 1899 – Asunción 24 April 1956)

From Italian father

With G. Delamare described doubtful bacterial species *Treponema rigidum* (1931)

SOME BIBLIOGRAPHY

Enciclopedia Guaraní-Castellano de ciencias naturales y conocimientos paraguayos

Plantas de uso comun en la medicina folclorica paraguaya para regular la fecundidad

Las culebras venenosas del Paraguay. Rev. Med. Paraguay 1(2):81-100, 1955

With T. Rojas & A.W. Bertoni. El vocabulario español-guaraní para uso medico (1947)

With C. Magarinos Torres & J. Boggino. Alterações dos folículos pilo-sebáceos em caso de síndrome bolhoso do grupo pênfigo. Presença de inclusões intranucleares das doenças por vírus filtráveis. Mem. Inst. Oswaldo Cruz 45(4), 1947

La pelagra en el Paraguay. Anales Fac. Med. 7(12):3-38, 1940

With R. Jimenez de Gaona. Cebion bei der Lepra.-Behandlung. Arch. Schiffs. Tropenhyg. 43:32, 1939

With J. Boggino & C. Prieto. Un nouveau foyer de leishmaniose viscerale en Amerique du Sud. Bull. Soc. Path. Exot. 32:602-5, 1939

With P. Menendez & A. Knallinsky. Influencias de la carne y de yerba mate sobre un brote de escorbuto humano y sobre el escorbuto experimental. Arch. Farmacol. Sperim. Scienze Affini 62:37, 1936

With G. Delamare & D. Gonzalez. La pied vegetant du Paraguay (leishmaniose americaine ulcero-vegetante). Bull. Soc. Path. Exot. 25(5):488-94, 1932

With G. Delamare. Fusospirochetose et leishmaniose cutanée. Bull. Soc. Path. Exot. 25(2):141-5, 1932

With G. Delamare. Spirochetes et corps annulaires intraleucocytaires. Compt. Rend. L'Acad. Sciences 194 (21):1861-2, 1932

With G. Delamare. Mycetome du pied à grains noirs. Bull. Soc. Path. Exot. 24:80-4, 1931

With G. Delamare. L'evolution des kystes de la piedra paraguayenne. Compt. Rend. L'Acad. Sciences 186:1771-2, 1928

With G. Delamare. La piedra del Paraguay. An. Fac. Cien. Med. Asunción 2:10, 1928

HONORS

Correspondent Member, New York Academy of Sciences (1947)

International Who's Who in World Medicine (1947)

His nephew, Eugenia Teresa Elisa Bordas Gatti, Paraguayan botanist and plant chemist (Asunción 1920 – 01 May 2018)

PHYTOCHEMISTRY

With Jr. Dai, R. Suttisri, D.D. Soejarto & A.D. Kinghorn. Clerodane diterpenoids from *Baccharis articulata*. Phytochem. 34(4):1087-90, 1993 (two novel clerodane diterpenes)

With F. Fullas, R.A. Hussain, J.M. Pezzuto, D.D. Soejarto & A.D. Kinghorn. Gaudichaudiosides A-E, five novel diterpenes glycoside constituents from the sweet-tasting plant, *Baccharis gaudichaudiana*. Tetrahedron 47(40):8515-22, 1991

With H.E. Makapugay, D.D. Soejarto & A.D. Kinghorn. Piperovatin, the tongue-numbing principle of *Ottonia frutescens*. J. Ethnopharm. 7(2):235-8, 1983

With R. Gmelin & M. Schuler. Holocalin: ein neues cyanogenes glykosid aus *Holocalyx balansae*. Phytochem. 12:457, 1973

With M. Schluter. Canavanine in *Canavalia paraguayensis*, *C. gladiata* & *Dioclea paraguayensis*. Phytochem. 11(12):3533-4, 1972

HONORS

Bordasia Krapovickas 2003 (Malvaceae)

Gerald Cecil Lalor

March 6, 2024

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

Gerald Cecil Lalor, Jamaican physical-chemist (Kingston 15 December 1930 –

CONTRIBUTIONS

With S.L. Martin. Studies on haematoxylin and haematein, the colouring principles of logwood. I. Absorption spectra of pure compounds in various solvents and a spectrophotometric method of analysis for haematoxylin and haematein. J. Soc. Dyers Colour. 75 (11):513-7, 1959

Developed a method for measuring the absorption spectra of both compounds in aqueous solutions under conditions which minimize the risk of oxidation.

With S.L. Martin. Studies on haematoxylin and haematein, the colouring principles of logwood. II. Behaviour in aqueous solutions at varying pH, and the pK values. J. Soc. Dyers Colour. 75:517-21, 1959

A reaction vessel for kinetic studies below room temperature. J. Chem. Ed. 40:597, 1963

SOME BIBLIOGRAPHY

With L. H. Fung & R. Rattray. Effect of cooking and extraction with simulated gastric juice on the cadmium content of selected foods. Jam. J. Science Techn. 16-7, 2005-6

With R.S. Garrett. The Fe/Na ratio, a framework for modeling trace element distributions in Jamaican soils. Geochem. Explor. Environm. Anal. 5(2):147-57, 2005

With C.N. Grant & M. Vutchkov. In situ gamma spectroscopic measurement of ⁴¹Ar during neutron. Health Physics 87(5):568-72, 2004

With P.C. Onianwa & M. K. Vutchkov. Dry-ashing preconcentration for microreactor-based neutron activation analysis of food and plant samples. Int. J. Environm. Anal. Chem. 83(5):367-74, 2003

With C. Zhang. Multivariate outlier detection and redemption in geochemical databases. Science Total Environm. 281:99-109, 2000

With S.Bajue, P. Dasgupta & H. Robotham. Acid dissociation and nickel-complex formation constants of some nitroso naphthol sulphonate ligands. Polyhedron 8(4):473-7, 1989

With S.A. Bajue & K.L. Stuart. The preparation and properties of some cobalt (III) complexes of the 2-nitroso-l-naphthol-4-sulphonate and 2-nitroso-l-naphthol-ligands. J. Inorg. Nucl. Chem. 37:51, 1975

With G.A. Taylor. The reactions of cobalt compounds with nitroso-naphthols. IV. The stoicheiometry of the reaction between cobaltous and 1-nitroso-2-naphthols-3, 6 disulphonate ions. J. Inorg. Nucl. Chem. 35:4221-9, 1973

With A.W. Boyd & C. Willis. Isotope effects and hydrogen yields in the radiolysis of H₂O-D₂O mixtures at very high dose rates. Can. J. Chem. 50(1):83-92, 1972

The reactions of cobalt compounds with nitroso-naphthols. II. The mechanism of the reaction between cobaltous ion and l-nitroso-2-naphthol-3,6-disulphonic acid. J. Inorg. Nucl. Chem. 31:1783-9, 1969

The reactions of cobaltammines with l-nitroso-2-naphthol-3,6 disulphonic acid. J. Inorg. Nucl. Chem 30:1925-9, 1968

With G. Bushnell. Kinetics of the reaction between sodium hydroxide and chloropentaaminecobalt (III) perchlorate in aqueous solution. J. Inorg.Nuclear Chem. 30(1):219-23, 1968

Physico-chemical studies on haematein and haematoxylin (1956)

With J. Lang. The kinetics of the reaction between nitro-pentamminecobalt (in)perchlorate and the hydroxide ion

Geraldo Amadeo Lamas

March 6, 2024

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

Gerardo Amadeo Guillermo Lamas Muller, Peruvian entomologist (Lima 29 May 1948 –

With R. Rojas, L. Caviedes, J.C. Aponte, A.J. Vaisberg et al. Aegicerin, the first oleanane triterpene with wide-ranging antimycobacterial activity, isolated from *Clavija procera*. J. Nat. Prod. 69(5):845-6, 2006

Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. Nature 487(7405):94-8, 2012

Species can be named from photos. Nature (2016)

DESCRIBED LEIDOPTERA TAXA

Genera

Brevioleria 2004

Haenschia 2004

Myserla 2017

Oiticicacstnia 1995

Pachacutia 2007 with Willmott

Paititia 1979

Species

About 140

Subspecies

About 175

HONORS (Lepidoptera)

Lamasa Johnson 1992

Lamasina Robbins 2002

Geraldo Conrado Melcher

April 3, 2024

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

Geraldo Conrado Melcher, Brazilian mining engineer and geologist (São Paulo 07 October 1924 – São Paulo 09 June 2011)

Co-authored a paper with great repercussion that confirmed the geochronological correlation between Brazil and Africa continent

With P.M. Hurley, F.F. M. de Almeida, U.G. Cordani, J.R. Rand, K. Kawashita, P. Vandroos, W.H. Pinson Jr. & H.W. Fairbairn. Test of continental drift by comparison of radioactive eggs. *Science* 157(3788):495-500, 1967

With P. A. Andery helped to develop Serrana process of separation and concentration of phosphates in minerals with low phosphate content or alkaline rocks employing flotation (1960s)

SOME BIBLIOGRAPHY

With J.M.V. Coutinho. Levantamento geológico e petrográfico na ilha do Montão de Trigo. *Rev. Bras. Geoc.* 3(4):243-56, 1973

With C.B. Gomes, U.G. Cordani, J.S. Bettencourt, E.C. Damaceno. V.A.V. Girardi & A.J. Melfi. Geologia e petrologia das rochas metamórficas e graníticas associadas do vale do Ribeira de Iguape, SP e PR. *Rev. Bras. Geoc.* 3(2):97-123, 1973

With U.G. Cordani. A geochronological comparison of West Africa and South America basement. *Trans. Amer. Geophys. Union* 53:178, 1972

With G.E. Tolbert, J.W. Tremaine & C.B. Gómez. The recently discovered Serra dos Carajás iron deposits, Northern Brazil. *Econ. Geol.* 66:985-94, 1971

With P.M. Hurley, F.F.M. De Almeida, U.G. Cordani & K.R. Koch. Surface density values for the earth from satellite and gravity observation. *J. Roy. Astron. Soc. Geophys.* 21:1-12, 1970

With P.M. Hurley, W.H. Pinson Jr. & H.W. Fairbairn. Some orogenic episodes in South America by K/Ar and whole-rock Rb/Sr dating. *Canad. Jour. Earth Sci.* 5:633-8, 1968

With U.G. Cordani & F.F.M. De Almeida. Outline of the Precambrian geochronology of South America. *Canad. Jour. Earth Sci.* 5:629-32, 1968

With F.F.M. De Almeida, U.G. Cordani, K. Kawashita & P. Vandroos. Radiometric age determinations from Northern Brazil. *Bol. Soc. Bras. Geol.* 5:2-14, 1968

Contribuição ao conhecimento do distrito mineral do Ribeira do Iguape. Thesis, Universidade de São Paulo (1968)

With J.M.V. Coutinho. Rochas alcalinas e carbonatito de Anápolis, Estado de Santa Catarina. *Bol. Soc. Bras. Geol.* 15:59-93, 1966

O carbonatito de Jacupiranga. *Bol. Fac. Filos. Cien. Letras Univ. São Paulo* 282 (1965)

With R.F. Johnson. Geologia e depósitos minerais do vale do Rio Ribeira do Iguape. *Div. Fom. Prod. Mineral* 98-99, 1956

Nota sobre o distrito alcalino de Jacupiranga, estado de São Paulo. *Notas Prelim. Div. Geol. Min.* 84 (1954)

With H. Mau. Novas observações geológicas na região de Caçapava do Sul. Rio Grande do Sul. *Anais Acad. Bras. Ciencias* 32(1):43-50, 1950

HONORS

Melcherite Andrade, Atencio, Menezes Filho & Spratt 2018 (Mineral)

Geraldo da Costa Barros Muniz

April 3, 2024

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

Geraldo da Costa Barros Muniz, Brazilian geologist and paleontologist (Maceió 12 March 1924 – Recife 13 October 2013)

DESCRIBED INVERTEBRATE FOSSIL TAXA

Mollusca

Genus

Brasiliocardium 1993

Species

Acesta paraibensis 1993

Bellifusus parvus 1993

Calyptraea paraibensis 1993

Calyptrophorus itamaracensis 1993

Camptonectes (Camponectes) moderatus 1993

Cancellaria paraibensis 1993

Cerithiella (Cerithiella) pernambucensis 1993

Cerithium paraibense 1993

Coleopis (Coleopis) brasiliensis 1993

Crassatella paraibensis 1993

Cypricardella petrolandensis 1979

Cyprimeria paraibensis 1993

Dentalium mauryae 1976 with Penna-Neme

Exogyra (Exogyra) gramamensis 1993

Fimbria beurleni 1993

Fusinus delicatus 1993

Gaudryceras brasiliense 1993

Granocardium (Criocardium) paraibense 1993

Keilostoma magna 1993

Legumen brasiliense 1993

Leptodesma langei 1979

Leptosolen paraibensis 1993

Linearia (Liothyris) brasiliensis 1993

Liopistha riogramamensis 1993

Lithophaga paraibensis 1993

Lopha aracajuensis 1984

Mataxa paucilirata 1993

Mesalia garapuensis 1993

Mesalia priscilae 1993

Mesocallista mauryae 1993

Neithea latericostata 1993

Otostoma paraibense 1993

Paleopsephaea itamaracensis 1993

Pseudoliva bellecompta 1993

Pseudomalaxis pauciornata 1993

Pterodonta gramamensis 1993

Pugnellus assisi 1993

Pyropsis axiornata 1993

Sanguinolites pernambucensis 1979

Sanguinolites rochacamposi 1979

Sinonia paraibensis 1993

Spathella brevis 1979

Streblopteria antiqua 1979

Strombus latiaperturalis 1993

Trachytriton pernambucense 1993

Turritella nordestensis 1993

Woodsella brasiliense 1993

Subspecies

Turritella antigona itamaracensis 1993

Ichnofossil

Species

Bifungites cruciformis 1982

Cochlinus lagartensis 1980

Cochlinus sousensis 1983

Merostomichnites piauiensis 1988

Rusophycus piauiensis 1982

Sublorenzinia pauciradiata 1982

Tasmanadia brasiliensis 1984

Brachiopoda

Species

Camarotoechia itamaracensis 1993

Bryozoa

Species

Lunulites (Heteracis) barbosa with Buge 1974

Gerdt Guenther Hatschbach

February 29, 2024

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

Gerdt Guenther Hatschbach, Brazilian amateur botanist (Curitiba 22 August 1923 – Curitiba 16 April 2013)

Discovered and collected about 500 new plant species

DESCRIBED PLANTAE SPECIES

Baccharis nebulae 2005 with Malagarriga

Baccharis aracatubensis 1976 with Malagarriga

Glechon elliptica 1966 with Pereira

HONORS

Hatschbachiella King & Robinson 1972 (Asteraceae)

Gertia Soares & Soares 1946 (Arachnida)

Gerhard Malnic

April 3, 2024

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

Gerhard Malnic, Austrian-born Brazilian renal physiologist (Milano 25 September 1933 – São Paulo 05 February 2023)

From Slovenian father and Austrian mother

Authored over 120 works

Discovered how occurs the potassium excretion in renal tubules

With G. Giebisch & R. Klose developed an improved microflame photometer (1964) and perfected the method of performing micropuncture and microperfusion studies on the distal tubule, which elucidated the role of each nephron segment in determining urinary potassium excretion (1964-6)

With G. Giebisch demonstrated that potassium is secreted down its electrochemical gradient and linked indirectly to the rate of sodium reabsorption

With G. Giebisch proposed that potassium was reabsorbed downstream of the distal tubule

Showed that when sodium reabsorption is stimulated the increase in potential difference enhanced the electrochemical driving force and stimulated potassium secretion

With G. Giebisch developed a method for sodium and potassium microdosage in kidney

With A. Carvalho da Silva developed a fluorometric method for thiamine (B1 vitamin)

With F. Lacaz Vieira authored a work about secretion mechanisms of water in kidney with more than 300 citations

The one researcher in the world to use microperfusion of potassium dosage employing microelectrodes

First work employing micropuncture in the functional study of glomerulopathies

With M.M. Machado & A.S. Rocha. Micropuncture study in rats with experimental glomerulo-nephritis. *Kidney Intern.* 3(1):14, 1973

German Garcia Rada

February 29, 2024

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

Germán García Rada, Peruvian plant pathologist (Lima 22 February 1902 – ?)

Nuevo método de control de la “chupadera fungosa” en los almacíges (1938)

Una nueva enfermedad del cafeto (1940) “fusariosis”

With J. Vallega, W.Q. Loegering & E.C. Stakman. An unusually virulent race of wheat stem rust, N°189. *Phytopathology* 32:720–6, 1942

First to describe a disease in quinoa (*Chenopodium quinoa*), the mildew caused by *Peronospora farinosa* in *Investigaciones en las enfermedades de la quinua* (1947)

Ghosh brothers

February 29, 2024

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

Bhupendra Nath Ghosh, Indian chemist (Arambag Village, Hooghly District, West Bengal April 1900 – Calcutta 26 May 1988)

ACHIEVEMENTS

Isolated a cardiotoxin and a respiratory toxin from snakes venom as well as enzymatic inhibitors

Verified experimentally the effect of surface conductance in modifying the zeta potential of the particles

Proposed an original equation for the rate of colloids coagulation

Developed equations for the variation of activity, conductance, viscosity and molal volume in terms of cube-root of concentration

OTHERS

Deriving equation to account for the effect of added electrolytes on the viscosity of sols

Modification of the equations for the electroviscous effect of colloidal electrolytes

Equation to account quantitatively for the variation of apparent molal volume of strong electrolytes in solution according to cube root of concentration

BIBLIOGRAPHY

This text was extracted partially from J. Indian Chem. Soc. 66:71-2, 1989

His brother, Jnanendra Chandra Ghosh, Indian chemist (Purulia, East Bengali 14 September 1894 – Calcutta 21 January 1959)

Created the theory of complete dissociation of electrolytes (1918), that was improved and revised by Debye in 1923

Eponym of Ghosh equation for the conductance of binary electrolytes and Langmuir-Ghosh equation for colloids

Ghosh-Mitter procedure described in Quart. J. Ind. Chem. Soc 4:353-66, 1928

Giambiagi brothers

February 29, 2024

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

Juan José Giambiagi Persico, Argentine / Brazilian theoretical physicist (Buenos Aires 18 January 1924 – Rio de Janeiro 08 January 1996)

Regarded as expert of world renown on quantum field theory

Authored about 90 scientific works

ACHIEVEMENTS

Developed elimination divergence method in quantum field theory and in six dimension super symmetry

Invented analytical regularization method

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

Invented dimensional regularization method

With C.G. Bollini. Dimensional Regularization. J. Nuovo Cimento 12 B:20, 1972

Eponym of Bollini-Giambiagi potential

OTHER CONTRIBUTIONS

An alternative dimensional reduction prescription. Mod. Phys. Lett A 11(13):1037-45, 1996

With C. G. Bollini & O. Obregon. Criteria to fix the dimensionality corresponding to some higher derivative Lagrangians. Modern Phys. Lett. A 7(7):593-9, 1992

With C.G. Bollini. Lagrangian procedures for higher order field equations (1986)

With C.G. Bollini. Relations between effective potentials in different dimensions. Phys. Lett. B 134(6):436-8, 1984

With C.G. Bollini. A differential equation for the self-energy in momentum space. Phys. Lett. 10(2):219-21, 1964

With M. Giambiagi, Segre de Giambiagi & C.G. Bollini. On a SC method for determining bond orders in alternant hydrocarbons.

HONORS

Visiting Researcher, California Institute of Technology (1958)

Visiting Researcher, Centre Europeen pour la Recherche Nucleaire (1976)

His brother, Mario Giambiagi Persico, Argentine / Brazilian quantum chemist (1928 – Rio de Janeiro 08 March 2002)

Authored over 60 papers

First to define bond indices for multicenter systems

With M. Segre de Giambiagi & K.C. Mundim. Definition of a multicenter bond index. Struct. Chem. 1(5):423-7, 1990

With R. C. Ferreira & M. Segre de Giambiagi. Une approximation pour les parametres semi-empiriques conjuguées. J. Chim. Phys. 61:694, 1964

Presented simple rules for the bond order properties of conjugated organic molecules having two-fold symmetry (1979)

With M. Segre de Giambiagi. Two simple symmetry-dependent rules in conjugated systems. Lett. Nuovo Cimento 25:459-62, 1979

Proposed a MO multicenter bond index as a measure of aromaticity

With M. Segre de Giambiagi, C.D.S. Silva & A.P. de Figueiredo. Multicenter bond indices as a measure of aromaticity. Phys. Chem. Chem. Phys. 2:3381-92, 2000

With M.S. Giambiagi found an analytical expression relating softness with the experimental molecular polarizability (1993)

With M.S. Giambiagi proposed a definition for the number of electrons X involved in a three-center bond, based upon the corresponding two-center bond indices (1994)

With C.G. Bollini, 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 F. Cernuschi & M.S. de Giambiagi. Application d'un modele d'ordre a courte distance aux electrolytes forts

With J.J. Giambiagi, M. Segre de Giambiagi & C.G. Bollini. On a SC method for determining bond orders in alternant hydrocarbons. Theoret. Chim. Acta 18:394-8, 1970

Eponym of Giambiagi bond order

Spouse of Mario, Myriam Malvina Segre de Giambiagi, Argentine-born Brazilian physical chemist (1937 –

With M. Giambiagi & K.C. Mundim. Group-group bond index for molecular systems. J. Chem. Soc. Faraday Trans. 88:29959, 1992

With M. Giambiagi, J.M. Pires & P. Pitanga. Mollesse d'un atome dans une molecule et definition de la mollesse d'un groupement fonctionnel: une echelle LCAO. J. Mol. Struct. Theochem. 180:223-31, 1988

With M. Giambiagi, D.R. Grempel & C.D. Heymann. Sur le definition d'un indice de liaison (TEV) pour des bases non orthogonales. Proprietés et applications. J. Chem. Phys. 72:15-22, 1975

With M. Giambiagi. Certain rules concerning alternant hydrocarbons. Chem. Phys. Lett. 1:563-5, 1968

With F. Cernuschi. Theory of condensation of liquids of one and two-components. J. Chem. Phys. 36:412, 1962

With M. Giambiagi & F. Cernuschi. Theory for strong electrolytes in not too dilute solutions (1962)

Gilberto Francisco Loibel

March 6, 2024

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

Gilberto Francisco Loibel, Brazilian mathematician (São Paulo 24 May 1932 – São Paulo 13 November 2013)

Son of German immigrants

Authored Loibel theorem

Multiplications on products of spheres. An. Acad. Bras. Ciencias 31:161-2, 1959

Introduced the concept of finite relative determination

With P.F.S. Porto Jr. Relative finite determinacy and Relative Stability of Function Germs. Bol. Soc. Bras. Mat. 9(2), 1978.

With R.C.E. Pinto proved that c-equivalence lies strictly between d-equivalence and b-equivalence (1982)

Gilberto Morillo

April 3, 2024

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

Gilberto Neptaly Morillo Pacheco, Venezuelan botanist (Caracas 12 October 1944 –

DESCRIBED PLANTAE TAXA

Genera

- Atrostemma* 2015
- Austrochthamalia* 2013 with Fontella Pereira & Valerio
- Bruceholstia* 2015
- Chloropetalum* 2015
- Cristobalia* 2016 with Caceres & Keller
- Fontellaea* 1994
- Gracimoriana* 2015
- Metoxypetalum* 1994
- Orinoquia* 2015
- Peruviasclepias* 2015
- Pruskortizia* 2015
- Pseudolachnostoma* 2012
- Rhytidostemma* 2013
- Riparoampelos* 2015
- Rotundanthus* 2015
- Suberogerens* 2015
- Vulcanoa* 2015

Species

305

HONORS

Morilloa Fontella, Goes & Caceres 2014 (Apocynaceae)

Giorgio Giacaglia

February 29, 2024

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

Giorgio Eugenio Oscare Giacaglia, Italian-born Brazilian engineer and physicist (Genoa 28 March 1935 –

One of the firsts scientists in the world to observe Pacific decadal oscillation

Authored the influential book Perturbation methods in non-linear systems (1972)

DEVELOPED

With A. Carvalho Jr. Improvement in process of degassing using MASP methodology. Engin. Res. 6:1-24, 2015

With W.Q. Lamas & J.L. Silveira. Development of a methodology for cost determination of wastewater treatment based on functional diagram (2009)

With W.Q. Lamas, J.L. Silveira & J.R. Camargo. Development of a control system for cogeneration with biogas associated to a small wastewater treatment station (2007)

Machining of commercially pure titanium (2001)

A new mechanical envelope for Schweizer CB330 helicopter (1997)

Formulated a computer program for the orbit correction of Pluto

Computer program for controlling dams and floodgates (1992)

Graphite impregnation for energy harvesters (1986)

New method of representation of satellite data applicable to geodesy (1982)

A new method for processing geophysical data employing artificial satellites (1974)

OTHERS

A simple theory of Trojan asteroids (1983)

A generalization of Lagrange's formula for implicit functions (1981)

With C.A. Lundquist. A geopotential representation with sampling functions (1971)

PATENTS

With L.O.M. Reis, W.E.G. Abreu & O.G. Oliveira. Conjunto de sensores para monitoramento de disjuntores de extra-alta tensão PI0603706-2 A2 (2006)

HONOURS

Honorary Member, Sigma Gamma Tau Society (1971) & International Symposium on Dynamics Problems of Mechanics

Godofredo Garcia

February 29, 2024

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

Godofredo García Díaz, Peruvian mathematician and engineer (Lima 08 November 1888 – 14 July 1970)

Authored over 103 publications

Derived equations and exact solutions for motion and viscous flows tensions

Nuevos métodos en la teoría de la relatividad general de A. Einstein (New methods in A. Einstein general relativity theory). Acad. Nac. Ciencias (1952)

Sobre una nueva forma de las desigualdades de K. Sundman en el problema de los 3 cuerpos (About a new form of Sundman inequalities in three-body problem)

Lectured conferences in Cambridge (generalization of Lagrange formula), Princeton (Regulation of three bodies' plane problem) Institute Poincaré (Current state of solar System)

Invited Lecturer, International Congress of Mathematicians (1932)

SOME BIBLIOGRAPHY

Discusión de la ecuación general de segundo grau con dos y con tres variables (1916)

Orbitas electronicas em la mecanica clasica (1930)

La métrica em um espacio multiple (1934)

Le probleme principal de la balistique extérieure dans la théorie de la relativité restreinte em deuxieme approximation (1938)

Sobre uma nueva teoria cosmologica (1944)

Sobre el estado actual del sistema solar (1944)

La transformación de las ecuaciones de la dinamica en el espacio curvo (1961)

Sobre el desarrollo en serie de la integración por partes (1964)

Goetz Albert Maekelt

April 3, 2024

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

Götz Albert Maekelt, German-born Venezuelan parasitologist (Bitterfeld 15 October 1920 – Caracas 29 June 2008)

Authored over 100 publications

Authored works about toxoplasmosis detection with great reverberation

Developed seroepidemiologic tests

Proposed a complement fixation reaction for Chagas disease

With J.E. López. Reacción de desviación del complemento para el diagnostico de la forma crónica de la enfermedad de Chagas. Acta Cient. Venez. 7:128, 1956

Die komplementbin-dungsreaktion der Chagas'krankheit. Tropenmed. Parasit. 11(2):152-6, 1960

With C. Comenares de Alayón. Simple method for the mailing of chagasic serums from rural regions. Arch. Venez. Med. Trop. Parasitol. Med. 3:133-42, 1960

A modified procedure of xenodiagnosis for Chagas disease. Amer. J. Med. Hyg. 13:11-5, 1964

Developed 3 new liquid media for mass cultivation of *Trypanosoma cruzi*

Mass culture of *Trypanosoma cruzi* in particle-free monophasic liquid media using an enzyme technique. Mitteil. Osterr. Gesellsch. Tropenmed. Parasit. 5:17-20, 1985

Gonzalo Halffter Salas

February 29, 2024

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

Gonzalo Halffter Salas, Spanish-born Mexican entomologist (Madrid 19 September 1932 –

Regarded as world authority on behavior and analysis of subsocial structures of insects and ecology, biology and ethology of dung beetles

Authored 358 works being 76 books and book chapters (3,200 citations in 2003)

Enunciated the concept of distribution pattern

DESCRIBED COLEOPTERA GENERA

Boreocanthon 1958

Eucanthidium 1986 with Martínez

Hansreia 1977 with Martínez

Melanocanthon 1958

Neocanthidium 1964 with Martínez & Pereira

Sylvicanthon 1977 with Martinez

Tesserodoniella 2006 with Vaz de Mello

HONORS

Halffterina Descamps 1975 (Orthoptera)

Halffterius Zunino 1984 (Coleoptera)

Halffterobolus Martínez 1976 (Coleoptera)

Halffterinetis Morón & Nogueira 2007 (Coleoptera)

Gonzalo Iturrioz

February 29, 2024

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

Gonzalo José Iturrioz Font, Cuban pharmacist (fl. 1905–37)

Introduced paraffin test in forensic practice (1913)

Modificación en la tecnica seguida en la determinación de la urea en la sangre. Arch. Soc. Clin. Habana 21:83–6, 1914

Held at least 15 Cuban patents on pharmaceutical, chemical and biological products

Gregorio Santiago Montes

April 3, 2024

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

Gregorio Santiago Montes Welch, Argentine-born Brazilian cytologist and histologist (Buenos Aires 01 April 1952 – 19 October 2002)

His works on structural biology of extracellular matrix earned him international recognition

Demonstrated that extracellular matrix structures could be distinguished due to many characteristics of fibrillae composition

With L.C.U. Junqueira et al. demonstrated the distribution and architecture of collagen in cartilages, nerves, arteries and skin (1979-89)

Demonstrated definitively that reticular fiber is distinct of collagen fiber

With L.C. U. Junqueira, R.M. Krisztan, K.M. Shigihara, R. Tokoro & P.A.S. Mourão. Histochemical and morphological characterization of reticular fibers. *Histochemistry* 65:131-41, 1980

Elucidated the process of uterine cervix softening at parturition

With M. Zugaib, L.C. U. Junqueira, O.M.S. Toledo, R.M. Krisztan & K.M. Shigihara. Morphologic and histochemical evidence for the occurrence of collagenolysis and for the role of neutrophilic polymorphonuclear leukocytes during cervical dilation. *Am. J. Obstet. Gynecol.* 138:273, 1980

Established definitively collagen architecture in mammalian cartilages

With N.Z. Zambrano, K.M. Shigihara, E.M. Sanchez & L.C. U. Junqueira. Collagen arrangement in cartilages. *Acta Anat.* 113:26-38, 1982

Elucidated the nature of skeletal elements in tail fin ray of teleosts showing that they display all the morphological and histochemical features of a cartilaginous tissue

With J. Becerra, O.M.S. Toledo, M.A. Gordilho & L.C. U. Junqueira. Fine structure and histochemistry of the tail fin ray in teleosts. *Histochem* 75:363-76, 1982

Showed that collagen molecules are orderly disposed in basal laminae

With L.C.U. Junqueira, R.R. Brentani, O.M.S. Toledo et al. Evidence for collagen molecular orientation in basement membranes. *Histochem. J.* 15:785-94, 1983

Described a new type of acellular cartilage found in arterious cone of *Potamotrygon* sp.

With O.M.S. Toledo & L.C.U. Junqueira. Histochemical and morphological studies on a new type of acellular cartilage. *Basic Appl. Histochem.* 27:1-8, 1983

First to describe morphological differences between the distinct types of intermediate filaments

With L.C.U. Junqueira, P.P. Joazeiro, S.M. O. Vieira, A.B. Costa Silva & A. Cais. Specific attachment of morphologically-distinct intermediate filaments to desmosomes and hemidesmosomes in the epidermis of the tadpole of the anuran *Pseudis paradoxus*. *J. Submicrosc. Cytol.* 16:643-8, 1984

METHODS

A horse laparotomy technique

With E.H. Luque & H. Silva. Laparotomia em equinos: nuestra técnica. *Gac. Vet. Buenos Aires* 42:38-44, 1980

Proposed a precise method for osteid distinction and characterization

With M.T. Assis Figueiredo, H. Torloni & L.C.U. Junqueira. Differential diagnosis of osteid. A study on human osteosarcoma collagen by the histochemical Picrosirius-polarization method. *J. Pathol.* 148(2):189-96, 1986

A modified Weigert's technique for the demonstration of oxytalan fibres. *J. Braz. Assoc. Advan. Science* 44:224-33, 1992

With E.M. Negri, S.S. Mori, C.S.V. Barbas & V.L. Capelozzi. A simple method for the differential characterization of alveoli and alveolar ducts in normal and injured lungs (2001)

Gualberto Mario Iannini

February 29, 2024

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

Gualberto Mario Iannini, Argentine astronomer (1917 – Córdoba 27 January 2012)

SOME BIBLIOGRAPHY

With J.J. Rodríguez & L.H. Gaitán. Consideraciones sobre la reducción de placas astrométricas por el método de cuadrados mínimos. Bol. Asoc. Argent. Astron. 24:456, 1981

Occultaciones y reapariciones de estrellas por la Luna: años 1967-72 (1974)

Determination of Ephemeris Time and Radius of the Lunar Umbral during the total eclipse of 12 November. Astron. J. 73:743, 1968

Órbitas de tres pequeños planetas desconocidos. Bol. Inst. Mat. Astron. Fis. 2(4), 1965

Cálculo de placas astrométricas. Bol. Asoc. Argent. Astron. 7:23-4, 1964

Estado actual del casquete polar sur. Bol. Asoc. Argent. Astron. 6:114-5, 1963

Órbita definitiva del cometa Whipple-Bernasconi-Kulin. Publ. Obs. Astron. Univ. La Plata 21(2):5-21, 1945

With F. Aguilar. Medidas micrométricas de estrellas dobles, posible movimiento rectilíneo de β 311 y una nueva determinación de la órbita de ψ Argus. Publ. Obs. Astron. Univ. La Plata 6(8):139-47, 1944

HONORS

4652 Iannini (Asteroid)

Gualterio Looser

March 6, 2024

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

Gualterio Looser Schallenberg, Chilean botanist and anthropologist (Santiago 04 September 1898 – Santiago 22 July 1982)

From Swiss parents

DESCRIBED PLANTAE TAXA

Genera

Garaventia 1941

Johawia 1937 with Epling

Plarodrigoa 1935

Species

Adesmia herteri 1936

Austroblechnum fernandezium 1947

Denstaedtia glauca C.Ch. ex Looser 1932

Laureliopsis philippiana 1934

Lycopodium barrosii 1945

Oxalis hickenii 1935

Varieties

Blechnum auriculatum var. *typicum* 1947

Blechnum blechnoides var. *typicum* 1947

Polypodium feuillei var. *ibanezii* 1952

Puya coerulea var. *intermedia* 1935 with L.B. Sm.

Puya coerulea var. *monteroana* 1935 with L.B. Sm.

HONORS

Looseria Thériot 1934 (Muscî)

LINKS

http://rchn.biologiachile.cl/pdfs/1983/2/Martinez_1983.pdf See http://rchn.biologiachile.cl/pdfs/1983/2/Martinez_1983.pdf. **(in Spanish; with bibliography)**

Guillermo Gonzalez Camarena

February 29, 2024

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

Guillermo Gonzalez Camarena, Mexican electrotechnic engineer (Guadalajara, Jalisco State 17 February 1902 – Las Lajas, Veracruz State 18 April 1965)

PATENTS/INVENTIONS

Sequential field trichromatic system, a color TV system (1940)

A simplified color generation system

Subjective procedure (1958)

A new color Television system (1960)

A simplified bicolor system for television (1962) with international repercussion

A chromoscopic adapter for television equipment (US Patent 2296019 in 1942) later improved in 1960 and 1962

Trichromatic kinescope of linear screen or Trinitron (1963)

A seismic alarm

A kaleidoscope (1960)

HONORS

Doctor Honoris Causa, Columbia University of Chicago (1950)

Guillermo Haro Barraza

February 29, 2024

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

Guillermo Haro Barraza, Mexican astronomer (Ciudad de Mexico 21 March 1913 – Ciudad de Mexico 25 April 1988)

Authored over 80 papers and about 30 books

ACHIEVEMENTS

Discovered a great number of planetary nebulae toward galactic center (with Enrique Chavira & Braulio Iriarte), besides stellar aggregates of distinct ages, many T Tauri stars, 11 galactic novae, 1 extragalactic nova and 1 extragalactic super nova

Discovered 103 new planetary nebulae (1952)

With W. Morgan discovered flare stars in the Orion nebula (1953)

Discovered new flare stars in the Pleiades (1970)

Showed that some T-Tauri stars were flash stars

With S. Torres & E. Chavira. A fluor-like new variable star in Orion. Infor. Bull. Variable Stars (1985)

With W.J. Luyten discovered a large number of stars (1962)

Discovered blue galaxies with emission lines spectrum know as Haro galaxies (1956)

Established the relationship between a stellar aggregate age and spectral type of bursting stars

With G.H.Herbig developed a trichromatic photograph technique using Schmidt camera for statistical study of galaxies (1955)

Developed a method to study rapid stellar variability using Schmidt camera

EPONYMY

Haro planetary nebula

Haro-Chavira comet (1954)

Herbig-Haro objects

Haro-Luyten blue stellar objects

Palomar-Haro-Luyten objects

MEMBERSHIP/HONORS

Associate Member, Royal Astronomical Society, England (1959) being the first person from a developing country to be elected

Vice-President, American Astronomical Society (1957-60)

Doctor Honoris Causa, Case Western Reserve University, Cleveland (1953)

Honor Medal, Armenian Academy of Sciences (1962)

Lomonossov Gold Medal, USSR Academy of Sciences (1986)

Guillermo Kreutzer

March 2, 2024

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

Guillermo Oscar Alejandro Kreutzer, Argentine pediatric cardiologist (Buenos Aires 11 December 1934 –

Developed operation for correction of tricuspid atresia (1971) performing the first total fenestrated pulmonary ventricle bypass in the world (Fontan-Kreutzer operation)

Una operación para la corrección de la atresia tricuspídea. Presented 5th Reunião Cient. Soc. Arg. Cardiol. (1971)

With E. Galíndez, H. Bono, C. de Palma & J.P. Laura. An operation for the correction of tricuspid atresia. J. Thorac. Cardiovasc. Surg. 66:613-21, 1973

Suggested using Jatene's operation of repair of transposition of great vessels in transposed newborn without ventricular septal defects

With R. Neirotti, E. Galíndez, A. Coronel & E. Kreutzer. Anatomic correction for transposition of the great arteries. J. Thorac. Cardiovasc. Surg. 73:538-42, 1977

Performed the first international experience in tetralogy of Fallot with subpulmonary ventricular septal defects

With R. Neirotti, E. Galíndez, A. Rodríguez Coronel, M. Pedrini & L. Becu. Tetralogy of Fallot with subpulmonary ventricular septal defect. Ann. Thorac. Surg. 25:51-6, 1978

Created direct posterior atriopulmonary anastomosis (1978)

With F.J. Vargas, A.J. Schlichter, J.P. Laura et al. Atriopulmonary anastomosis. J. Thorac. Cardiovasc. Surg. 83(3):427-36, 1982

Proposed to repair the transposition of great arteries with ventricular septal defect and pulmonary stenosis

With F.J. Vargas, A. Schlichter, M. Granja & E. Kreutzer. Repair of corrected transposition with ventricular septal defect and pulmonary stenosis. Ann. Thorac. Surg. 40:509-11, 1985

Developed a technique of the autologous pericardial valved conduit

With A.J. Schlichter. Tubo valvulado de pericardio autólogo. Rev. Lat. Cardiol. Cir. Cardiovasc. Inf. 1:37-40, 1985

Improved Fontan-Kreutzer operation

With J.F. Keane, J.E. Lock, E.P. Walsh, R.A. Jonas, A.R. Castañeda & J.E. Mayer Jr. Conversion of modified Fontan procedure to lateral atrial tunnel cavopulmonary anastomosis. J. Thorac. Cardiovasc. Surg. 111(6):1169-76, 1996

Described a surgical technique to perform a total bypass of the venous ventricle via cavo atriopulmonary anastomosis

With C. Kreutzer & A.J. Schlichter. Cavo atriopulmonary anastomosis via a non-prosthetic media tunnel. J. Cardiac. Surg. 12(1):37-40, 1997

Developed an original technique for the tetralogy of Fallot repair with agenesis of the pulmonary valve

With A.J. Schlichter & G.O. Kreutzer. Tetralogy of Fallot with absent pulmonary valve: a surgical technique for complete repair. J. Thorac. Cardiovasc. Surg. 117:192, 1999

Introduced modifications in varieties of venous ventricle by-pass such as a new fenestration form by total bypass of right ventricle (2001)

With Ch. Kreutzer, A.J. Schlichter, J. Simón et al. A new method for reliable fenestration in extracardiac conduit. Ann. Thorac. Surg. 75:1657-9, 2003

Suggested a 24 mm cerclage of pulmonary artery in patients with tetralogy of Fallot after transannular patch repair or autologous pericardial valved conduit

Previous banding of the pulmonary artery could enhance later transcatheter implantation of a biologic valve. World J. Pediatr. Congen. Heart Surg. 5:644, 2014

OTHERS

With F.J. Vargas. A surgical technique for correction of total anomalous pulmonary venous drainage. J. Thorac. Cardiovasc. Surg. 90(3):410-3, 1985

With C. Kreutzer, C. Blunda & A.J. Schlichter. The autologous pericardial valved conduit for right ventricular outflow tract reconstruction. Oper. Techn. Thorac. Cardiovasc. Surg. 8(3):146-9, 2003

With C. Kreutzer, G. Zapico, C. Blunda, J.L. Simon & A.J. Schlichter. A simplified technique for short-term postcardiotomy pediatric extracorporeal membrane oxygenation. J. thorac. Cardiovasc. Surg. 51(5):659-62, 2004

With C. Kreutzer, G. Zapico, J.L. Simon & A.J. Schlichter. A simplified and economic technique for immediate postcardiotomy pediatric extracorporeal membrane oxygenation. ASAIO Journal (2005)

LINKS

<http://www.caccv.org.ar/raccv/03-2009-28.pdf>

<http://www.sac.org.ar/wp-content/uploads/2015/08/v83n4a13-en.pdf>

Guillermo Kuschel

March 2, 2024

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

Guillermo Kuschel Gerdes, New Zealand / Chilean entomologist (Frutillar, Llanquihe Province 13 July 1918 – Auckland 01 August 2017)

Since 1962 living in New Zealand

Recognized as a world authority on Coleoptera Curculionidae

Authored over 100 works

Described 152 new genera in Coleoptera (until 2003)

HONORS

Kuschelius Sublette & Wirth 1980 (Diptera)

Kuschelomyia Souza Lopes 1961 (Diptera)

Kuscheliana Carvalho 1952 (Hemiptera)

Kuscheliola Evans 1957 (Hemiptera)

Kuschelioniscus Strouhal 1961 (Crustacea)

Kuscheliophilus Wygodzinsky 1951 (Thysanoptera)

Kuschelita Climo 1974 (Mollusca Gastropoda)

Kuschelacarus Cook 1992 (Acari)

Kuschelina Bechyné 1951 (Coleoptera)

Kuschelydrus Ordish 1976 (Coleoptera)

Kuschelus Kaszab 1982 (Coleoptera)

Kuscheliotes Jeannel 1962 (Coleoptera)

Kuschelinus Straneo 1963 (Coleoptera)

Kuschelidium Johnson 1982 (Coleoptera)

Kuschelaxius Howden 1992 (Coleoptera)

Kuschelanthus Alonso-Zarazaga & Lyal 1999 (Coleoptera)

Guillermo Michelena

April 3, 2024

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

Guillermo Michelena Saldías, Venezuelan surgeon (Willemstad, Curaçao 06 April 1817 – New York 15 January 1873)

Invented an urethral dilatator in *Des rétrécissements de l'urèthre* (1847)

Performed a total extirpation of parotid maintaining the facial nerve with international repercussion (1857)

SOME BIBLIOGRAPHY

Tratado de aneurismas y ligaduras precedido de una memoria sobre el organismo patológico (1854)

Nueva teoría sobre el mecanismo de parto (1869)

Gunter Hoxter

February 29, 2024

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

Gunter Hoxter, Brazilian pharmacist and engineer (1914 – 1999)

DESCRIBED DISEASES

With F.J. Modesto, C. Ventrella, S.D. Giannini, B.L. Wajchenberg & B. Liberman. 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

Papers in renowned journals

With B.L. Wajchenberg, E.H. Mello & A.B. Ulhoa Cintra. Non-esterified and esterified fatty acids in hepatocellular disease. *The Lancet* 1:1218, 1960

With A. Fajer & E. Fraga. Electrophoretic pattern of the soluble proteins of a pineal body extract. *Nature* 196:274, 1962

DEVELOPED METHODS

With R. Munglioli. Electrophoretic studies. I. Methods and technique. *Mem. Inst. Butantan* 22:75-126, 1949

With B. L. Wajchenberg & R. Munglioli. Analysis of electrophoretic proteins. *Nature* 179:423-4, 1957 (a method for the evaluation of Tiselius electrophoretic patterns based on geometrical analysis)

With I. Martirani, B.L. Wajchenberg, A.B. Ulhoa Cintra & I. Marian. Determination of polyssacharide hexoses and hexosamines in normal human sera. *J. Lab. Clin. Med.* 54:773-8, 1959

With R.R. Pieroni & B.L. Wajchenberg. Preliminary mathematical model for glucagon-induced hepatic glyconeogeneolysis in man. *Metab. Clin. Exp.* 10:585, 1961

With M. Jamra, J.I. Araújo & V. Maspes. The solubility test for abnormal hemoglobins: method, evaluation and significance in various hemoglobinopathies. *Sangre* 11:83-94, 1966

With M. Jamra & F. Ventura. Hemoglobin: determination using the cyanmethemoglobin method. Use of an artificial solution for the calibration of colorimetric instruments. *Rev. Hosp. Clin. Fac. Med.* 22 (Suppl.):303-4, 1967

With Or. Cesar O. Barretto. Glicoproteínas – método de coloração em eletroforese de papel. *Rev. Hosp. Clinicas* 26(1):23-4, 1971

Suggested isosbestic wavelength calibration in clinical analysis. *Clin. Chem.* 25(1):143-6, 1979

Guofan Hong

February 29, 2024

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

Guofan Hong, Chinese molecular biologist (Ningbo, Zhejiang Province 24 December 1939 –

Made notable contributions to nucleotide sequencing technology working under supervision of Nobel prize Frederick Sanger (1970s)

Discovered that the diffusion of nucleic acids may be counteracted by electric force while moving in the gradient electric field (1978)

A method for sequencing single-stranded cloned DNA in both directions. Biosc. Reports 1:243-52, 1981

Established heat stable Bst DNA sequencing system (1987)

Improved the efficiency of nucleotide sequencing technology (1992)

Proposed a molecular model based on gene nodD by which the nodulation genes in Rhizobia were regulated (1994)

Designed a rapid and accurate BAC fingerprinting-anchoring strategy used in the construction of BAC-contig map of the rice genome (1997)

Methods

With S.H. Lee, S.C. Ge & S.X. Zhou. A novel low temperature PCR assured high-fidelity DNA amplification. Int. J. Mol. Sci. 14(6):12853-62, 2013

With S.T. Liu. Three minute G+A specific reaction for DNA sequencing. Anal. Biochem. 255(1):158-9, 1998

With Y.Y. Lu & F.D. Ni. Rapid method for identifying subclones bridging gaps between contiguous DNA sequences. Chin. J. Biotechnol. 5(3):157-60, 1989

A simple method for identification of gap-bridging subclones in DNA sequencing. Biosc. Reports 8(6):549-51, 1988

With M.D. Biggin & T.J. Gibson. Buffer gradient gels and 35S label as an aid to rapid DNA sequence determination. Proc. Natl. Acad. Sci. USA 80(13):3963-5, 1983

A systemic DNA sequencing strategy. J. Mol. Biol. 158(3):539-49, 1982

Patents

With Y.J. Yang & J. Zhu. Low-temperature cycle extension of DNA with high polymerization (priming) specification. CA2449560A1 (2002) JP2003503756A (2002) AU2002324272A1 20030087237 (2003)

With W.H. Huang. DNA polymerase having ability to reduce innate selective discrimination against fluorescent dye-labeled dideoxynucleotides 6165765 (1998) 6845909 (2000) 6818431 (2000) USPTO 20050089910 (2004)

With F. Zhai & W.H. Huang. A new DNA polymerase with proof-reading 3'-5' exonuclease activity EP0810288A3 (1996) US08/642,684 (1996) JP8160402A (1996)

With F. Zhai. New bst-DNA polymerase with proof-reading 3'-5' exonuclease activity JPH09140376A (1995)

With F. Zhai. Bst DNA polymerase with proof-reading 3'-5' exonuclease activity / A DNA polymerase which is highly efficient and which can withstand high temperatures (HiFiBst) EP0712927 A2 (1995) CN94118990 (1994)

LINKS

www.hlhl.org.cn/english/showsub.asp?id=272

Guoguang Mu

April 3, 2024

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

Guoguang Mu, Chinese optic physicist (Hu Lu Dao, Liaoning Province 1931 – Tianjin 12 April 2012)

Authored about 100 papers

Introduced important concepts and technologies in pattern recognition, color image coding and decoding and color photography

Designed and developed novel optical instruments and their components such as white light optical image treatment system, optical correction lens used for screen coating of color TV kinescope, special optical corrector for color TV display tube, optical projection system of aerial defense warning radar signal, opto-electronic hybrid system of image encoding and decoding for new photographic reconnoiter and cone-axis deep-ellipsoid cold reflection mirror

Succeeded in using black and white film to refract color images (1983)

With X. Zhu, Y. Zhao, N. Zhang, Y. Liang & M. Wang introduced the fundamental principles of laser induced air ionization microscopy (LIAIM) and laser induced breakdown microscopy (LIBM) in Ultrashort pulse laser ionization microscopy. Proc. Spie 7276 (2008)

METHODS/DEVICES

With Y. Liu & Y. Liang. Method for improving optical coherent tomographic imaging quality (2007)

With Z. Fang & F. Liu. Light emitting diode array railway signal device (2004)

With Z. Guo. Optical gradient filter for liquid crystal-emulsion (1993)

With Z. Fang & J. Wang. Technique of using black-white photography film for colour photography (1987)

With Z. Wang, K. Wang & X. Wang. A new technique for pattern recognition using VFHF in white light lensless optical system. Proc. Spie 0813 (1987)

OTHER CONTRIBUTIONS/BIBLIOGRAPHY

With H.C. Zhai, M.W. Wang, F.M. Liu, D. Pan & K.Y. Hsu. 3D monochromatic image synthesis with vertical area-partitioned recording of master hologram in multiple exposure holography. Optics Communications 195(1-4):141-9, 2001

With G. Luo, H. Fang & Z.L. Fang. Method for the deviation inspection of integrated circuit chip pin based on Harr wavelet transform. Optical Engineering 39(6):1712-6, 2000

With Z.Q. Wang, J.H. Guan & B.L. Liang. Rotation-invariant binary joint transform correlator. Optik 111(9):413-7, 2000

With W.X. Liu, Z.Q. Wang & Z.L. Fang. Color-coded projection grating method for shape measurement with a single exposure. Appl. Optics 39(20):3504-8, 2000

With X.X. Shao, Z.Q. Wang, C.M. Cartwright, R.L. Fu & W.A. Gillespie. The amplitude-compensated matching synthetic discriminant filter by computer-generated holography. Optik 110(4):172-6, 1999

With S.J. Chang, J.Y. Shen, Z. Song, H.C. Zhai & Y.X. Zhang. Optical neural network for unequally distributed neuron states – algorithm and application. Optical Engineering 37(6):817-22, 1998

With X.X. Shao, Z.Q. Wang & R.L. Fu. Computer-generated amplitude-compensated matched-filter. Optical Engineering 37(1):99-102, 1998

With Y.X. Zhang, S.J. Chang, Z.B. Feng & S.Q. Gao. Multimode operation in an optical digital neuroprocessor with 1024 neurons. Optical Engin. 35(8):2132-5, 1996

With Z.K. Chen. High-dynamic range image acquisition and display by multi-intensity imagery. J. Imag. Science Technol. 39(6):559-64, 1995

With J.A. Davis, L.L. Haarvig, D.M. Cottrell & X.M. Wang. Differentiating optical correlators. Optics Letters 20(24):2511-3, 1995

With Z.K. Chen. Pattern identification with an improved synthetic discrimination function. Optical Engin. 33(9):3044-6, 1994

With Z.K.Chen & Y.X. Zhang. Complementary-reference joint transform correlator. Applied Optics 33(32):7622-6, 1994

With J.Y. Shen & Y.X. Zhang. Optical pattern recognition system based on a winner-take-all model of a neural network. Optical Engin. 32(5):1053-6, 1993

With X.M. Wang. Optical neural network with bipolar neural states. Appl. Optics 31(23):4712-9, 1992

With Z.Q. Wang & K.M. Wang. Rainbow holography of 3D diffuse objects with HOE/MEHL. Applied Optics 27(2):321-3, 1988

With Z.Q. Wang, Q. Gong, Q.W. Song & F.X. Wu. White-light image processing using oriented speckle-screen encoding. Optics Letters 10(8):375-7, 1985

With C.K. Chang & H.K. Liu. White-light stereoprojection through Fourier spectrum polarization. Optics Letters 6(6):263-5, 1981

Gustavo Augusto Melo

August 20, 2024

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

Gustavo Augusto Schmidt de Melo, Brazilian carcinologist (Santos, São Paulo State 14 December 1933 –

DESCRIBED VALID CRUSTACEA TAXA

Genus

Speloeophoroides 1998 with Abrantes Torres

Species

Amphithrax besnardi 1990 with Manning & Albuquerque

Antillimunida chacei 1992 with Melo Filho

Babamunida coltroi 2006

Catapagurus cunhai 2012 with Nucci

Clythrocerus bidentatus 1999 with Campos Jr

Cyclodorippe longifrons 1999 with Campos Jr.

Deliocerus coelhoi 1998 with Campos Jr.

Goreopagurus lemairei 2007 with Nucci

Grimothea atlantica 1994 with Melo Filho

Iridonida heblingi 1991 with Melo Filho

Iridonida petronioi 1994 with Melo Filho

Latreillia williamsi 1990

Neopilumnoplax lipkeholthuisi 2010 with Tavares

Pagurus heblingi 2003 with Nucci

Paragalene danielae 2010 with Tavares

Pinnotheres emiliai 1971

Speloeophoroides capixaba 1998 with Abrantes Torres

Speloeophorus brasiliensis 1998 with Abrantes Torres

Sternostylus meridionalis 2004 with Melo Filho

Trichopeltarion pezzutoi 2005 with Tavares

HONORS (Crustacea)

Melocarcinus Magalhães & Tuerkay 1996

Melothelphusa Pedraza, Tavares & Magalhães 2016

Gustavo Hoecker Salas

February 29, 2024

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

Gustavo Hoecker Salas, Chilean biologist (Rere, Biobío Province, VIII Region, December 05 December 1915 – 19 March 2008)

Authored over 100 scientific papers

Defined that H2 complex in chromosome 17 of mice was a genetic complex independent of Snell

Postulated that isoantigens participate in the mechanism of recognition of foreignness

Described a new tumor

With D. Brncic. Nuevo sarcoma transmisible de la gallina. Rev. Sudam. Morfol. 7:56-74, 1949

SOME BIBLIOGRAPHY

With D. Brncic & G. Gasic. Immunity in mice against leukemic cells of the same generic composition. Acta Unio. Internat. contre cancer, 7: 761–764, 1952

With A. Martínez, S. Markovic & O. Pizarro. Agitans, a mutation with neurological effects in the house mouse. Journal of Heredity, 45: 10–14, 1954

With S. Counce & P. Smith. The antigens determined by the H–2 locus: a rhesus–like system in the mouse. Proc. Natl. Acad. Sci., 40: 1040–1051, 1954

With N. Kaliss & F. Bryant. The effects of cortisone on isohemagglutinin production in mice. Journal of Immunology, 76: 83–88, 1956

Genetic Mechanisms in tissue transplantation in the mouse. Cold Spring Harbor Symp. on Quant. Biol., 21: 355–362, 1956.

With O. Pizarro & A. Ramos. Some new antigens and hitocompatibility factors in the mouse. Transplantation Bull., 6: 407–411, 1959

With O. Pizarro, A. Ramos & P. Rubinstein. The distribution in the tissues and the development of H–2 antigens of the mouse. Proc. Natl. Acad. Sci. EE.UU., 47:1900–1907, 1961

With F. Morgado, A. Ramos & O. Pizarro. Genotypes and Bone Marrow Transplantation. In: Effects of Ionizing Radiation on Immune Processes. Edited by Ch. A. Leone. Gordon and Breach, New York, pp. 381–401, 1962

With G. D. Snell & J. Stimpfling. Evidence that the “R” and “Z” blood group specificities of mice are allelic and distinct from H–2. Transplantation 5: 3, 1967

With A. Ramos & A. Ferreira. Restrictions of antibody production against the H–2 complex. Transplantation Proceedings. 2: 7682, 1970

With A. Ferreira & C. Moreno. Lack of correlation between the effects of cortisone on mouse spleen plague forming cells and circulating anti–sheep red blood cell huemolysins. Immunology 24: 607, 1973

With F. Penalva da Silva, G.F. Hoecker, N.K. Day, K. Vienne & P. Rubinstein. Murine complement component 3: genetic variation and Linkage to H–2. Proc. Nat. Acad. Sci. 75: 963, 1978

With A. Ramos & F. Zavala. Immune response to glutara ldehyde treated cells. 1 Dissociation of immunological memory and antibody production. Immunology 36: 775, 1979

With P. Rubinstein & K. Vienne. The location of the C3 and GLO (Glyoxalase 1) loci of the IX th linkage group in mice. J. Immunology 122: 2584, 1979

With A. Ramos, M. A. Mordojovich & M. Gajardo. New H–2 linked cell and serum antigens. Exp. Clin. Immunogenet. 2: 198–205, 1985

Gutierrez family

February 29, 2024

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

Avelino Praxedes Gutierrez Fernandez, Spanish-born Argentine surgeon and anatomist (San Pedro de Sola, Santander, Cantabria 21 July 1864 – Buenos Aires 20 February 1946)

ACHIEVEMENTS

Described new techniques mainly for gastrointestinal surgery

Developed Gutierrez procedure for treatment of chronic osteomyelitis (1896)

Tratamiento de las osteomyelitis. Rev. Iberoamericana 7:23, 1902

Established a surgical method for treatment of hydatid cysts (1905)

Sobre un nuevo procedimiento de oclusión del duodeno y estomago en las gastrectomias por cancer de este organo (a new procedure for stomach occlusion in cancer gastrectomies)

Developed a retroauricular incision for parotidectomy (Gutierrez incision)

Eponym of Gutierrez humerotricipital triangle and Gutierrez nephrocolopexy

His son, Alberto Gutierrez Saenz, surgeon (Buenos Aires 10 November 1892 – Bariloche 23 February 1945)

Authored over 300 papers and 9 books

Created and developed hanging drop method for epidural anesthesia

El valor de la aspiración líquida en el espacio peridural en la anestesia peridural. Rev. Cir. Buenos Aires 12:225-30, 1933

Reported neuropexy

Developed new methods of regional blocks for certain surgical procedures

Designed a device to infiltrate rapidly local anesthetics

Dispositivo para anestesia local. Rev. Hosp. Español 9:39-40, 1932

Designed Gutierrez needle for epidural anesthesia

Eponym of Gutierrez sign

Haity Moussatché

April 3, 2024

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

Haity Moussatché, Sephardic Jewish Brazilian pharmacologist (Vourlá village, near Smirna 21 February 1910 – Rio de Janeiro 24 July 1998)

ACHIEVEMENTS

Authored over 200 works

Studied anaphylactic reaction in laboratory animals, pharmacological properties of snake venoms fractions, reactivity of smooth and striated muscles and natural products from plants

Gained international recognition due to his works about anaphylactic and peptone shocks

With N.A. Pereira gave pioneering contributions to knowledge of corticotrophic hormones

Established the release of great amount of histamine in anaphylactic and peptonic shocks

With A. Prouvost Danon proved that histamine release in anaphylactic and peptonic shocks requires energy obtained from metabolic coupling with energy-rich phosphates by oxidative phosphorylation with great international repercussion (1954-1966)

With A. Ozorio de Almeida & M. Vianna Dias. Recherches sur l'attaque épileptiforme produite par le refroidissement brusque de la moelle épinière. Premier mémoire. Introduction et technique. Rev. Bras. Biol. 1:165-77, 1941

With A. Ozorio de Almeida & M. Vianna Dias. Sur le refroidissement brusque de la moelle épinière par l'action du chlorure d'éthyle et son utilisation comme technique de l'étude de l'attaque épileptiforme (1938)

Sur une modification de l'appareil de Van Slyke permettant la lecture immédiate des volumes gazeux à la pression atmosphérique. Rev. Bras. Biologia 1(4):365-7, 1941

First noted the great sensitivity of *Holothuria* longitudinal muscles preparation to acetylcholine

O músculo das holoturias (*Holothuria grisea*) como método de ensaio biológico para verificar presença de acetilcolina. Rev. Bras. Biol. 9(4): 52, 1949

With N. Daló. Hamster stomach as an isolated preparation for bradykinin assays. J. Pharm. Pharmacol. 34(8): 542, 1982

With G.B. Domont, J. Perales, A.G. Neves Ferreira et al. New methodology for the obtainment of antithrotophic factors from South American opossum (*Didelphis marsupialis*) and jararaca snake (*Bothrops jararaca*). Toxicon 37(10):1417-29, 1999

Showed that branches and leaves of *Ipomoea carnea* caused a nervous system disease in sheep

Hamed Abdel Fattah Gohar

February 29, 2024

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

Hamed Abdel Fattah Gohar, Egyptian oceanographer (Cairo 15 November 1907 – 1994)

AUTHORED

The partnership between fish and anemone. Nature 134:291, 1934

The preservation of contractile marine animals in an expanded condition. J. Mar. Biol. Assoc. U. Kingdom 22(1):295-9, 1937

DESCRIBED NEW VALID TAXA

Cnidaria

Genus

Efflatounaria 1939

Species

Anthelia hicksoni 1940

Briareum hamrum 1948

Clavularia hicksoni 1939

Efflatounaria tottoni 1939

Heteroxenia ghardaqensis 1940

Ovabunda macrospiculata 1940

Rhodelinda gardneri 1940

Unomia stolonifera 1938

Pisces (with Clark 1953)

Species

Brachaluteres fahaqa

Lagocephalus suezensis

Paraluteres arqat

Mollusca

Species

Hypselodoris ghardaqana 1957 with Aboul-Ela

HONORS

Goharia Beltagi & Eshky 1992 (Turbellaria)

Hans Jakobi

March 1, 2024

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

Hans Joseph Jakobi, German-born Brazilian carcinologist (Erlangen 20 April 1928 – Curitiba February 1985)

With I. Jakobi & M. Cavalcanti. Über eine mögliche hiebsmethode zur frueh diagnose des magenkrebsses. Gastroent. 96:371-82, 1962

DESCRIBED CRUSTACEA TAXA

Genera

- Biwaecaris* 1972
- Brasilibathynella* 1958
- Brasilibathynellocaris* 1972
- Brinckicaris* 1972
- Cafferocaris* 1972
- Clujensicaris* 1972
- Enckellicaris* 1972
- Entzicaris* 1972
- Fontinalicaris* 1972
- Forficatocaris* 1969
- Italicocaris* 1972
- Kinnecaris* 1972
- Lacustricaris* 1972
- Loureiophonte* 1958
- Macacocaris* 1972
- Michelicaris* 1972
- Minutacaris* 1972
- Mourephonte* 1958
- Nanacaris* 1972
- Nipponicaris* 1972
- Oshimaensicaris* 1972
- Pannonicaris* 1972
- Paraforficatocaris* 1972
- Pararemaneicaris* 1972
- Phreaticaris* 1972
- Proserpinicaris* 1972
- Remaneicaris* 1972
- Siolicaris* 1972
- Stammericaris* 1972

Species

About 50

Hans Merensky

April 3, 2024

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

Johannes (Hans) Merensky, South African mining engineer and prospector (Middelburg District, Mpumalanga Province 16 March 1871 – Duiwelskloof, Limpopo Province 21 October 1952)

From German parents

With Andries Lombaard and the brothers Schalk & Willem Schoeman discovered the Merensky Reef, the largest known platinum deposit in the world of this day (1924)

How we discovered platinum. Mining Industry Mag. South Africa 1:265-6, 1925

Die neuentdeckten Platinfelder in mittleren Transvaal, und ihre wirtschaftliche Bedeutung. Berl. Z. Der. Deut. Geol. Ges. 78:296-314, 1926

Speculated that diamonds were associated with an oyster line formed by shells of fossil species *Ostrea prismatic*

Warum Muessen die Diamant Vorkommen in der Sogenannten "river and oyster" linie bei Alexander Bay zum Teil Moeglichst Schnell Ausgearbeitet werden? (1927)

Discovered one the world's richest deposits of vermiculite near Phalarbowa (1928)

Developed new methods of combating soil erosion

SOME BIBLIOGRAPHY

The discovery of Namaqualand diamonds. S. Afr. Min. Engng. J. (1928-9)

With P.A. Wagner. The diamond deposits on the coast of Little Namaqualand. Trans. Geol. Soc. S. Afr. 31:1-41, 1928

Artesian water in Namaqualand. S. Afr. Min. Engng. J. 38(1898):627-8, 1928

How I found the richest diamond fields in the world. Mining Ind. Mag. Southern Africa 4:267-8, 1927

The platinum areas of Lydenburg. S. Afr. Min. Engng. J. 35:474-5, 1925

Report of Potgietersrust Platinum (1925)

Geological observations in the Lace Diamond Mine known as Crown Diamond Mine. Trans. Geol. Soc. South Africa 12:203, 1909

The rocks belonging to the area of Bushveld's granite complex, in which tin may be expected with description of the deposits actually found. Trans. Geol. Soc. South Africa 11:25-42, 1908

Diamanten in Diabasen. Zeitschr. f. Prakt. Geol. (1908)

The origin of the river diamonds within the area of the Vaal. Trans. Geol. Soc. S. Africa 10:107-11, 1907

The gold deposit of the Murchison Range in the north-east Transvaal. Trans. Geol. Soc. S. Africa 8:42-6, 1905

The diamond deposits of Luderitzland, German South-west Africa. Trans. Geol. Soc. South Africa 12:13-23, 1905

Technical Report on the Premier Diamond Mine. South African Mining 2(2):582-4, 1904

Neue Zinnerzvorkommen in Transvaal. Zeitschr. f. Prakt. Geol. 12(12):409-11, 1904

Ore in the Transvaal. S. Afr. Mines (1904)

HONORS

Merenskyite Kingston 1966 (Mineral)

Har Gobind Khorana

March 2, 2024

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

Har Gobind Khorana, US /Indian molecular biologist (Raipur, Punjab 09 January 1922 – Concord, Massachusetts 09 November 2011)

ACHIEVEMENTS

Authored over 500 publications

With A. Todd described a new method for the preparation of pyrophosphates employing a new fosforilating reagent (1953)

With John G. Moffat developed a method for synthesizing acetyl CoA (1959)

Proved that 3 nucleotides specify a amino acid and determined the exact order of nucleotides in codon triplets

Determined that some codon prompt the cell to start or stop the production of proteins

With M. Nirenberg and P. Leder obtained the complete series of genetic code (1961-66) independent from researches of Robert Holley

First to synthesize oligonucleotides (1970)

First to isolate DNA ligase

Performed the first chemical synthesis of a gene (1970)

Developed Khorana replication method that shared some similarities to PCR method (1971)

Obtained the first artificial gene to act naturally when inserted in a living being (1976)

Synthesized the gene of bovine rhodopsine (1980s)

HONORS

Medicine & Physiology Nobel Prize 1968

Louise Gross Horwitz Award 1968

Albert Lasker Award 1968

Gairdner Foundation International Award 1980

Hari Krishna Maheshwari

April 3, 2024

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

Hari Krishna Maheshwari, Indian paleobotanist (Aligarh 13 November 1938 –

DESCRIBED NEW FOSSIL GENERA

Sporae and pollen

Carastriopollenites 1967

Cirrabaculisporites 1969 with Bose

Cladaitina 1975 with Meyen

Converitubisporites 1975 with Banerji

Crookshankites 1984 with Jana

Cyclopilisporites 1969

Gondwanipollenites 1968 with Bose

Kagulubeites 1968 with Bose

Lakhmavitriletes 1974

Maiturisporites 1975 with Banerji

Noniasporites 1984 with Bajpai

Pantiella 1975 with Banerji

Parastriopollenites 1967

Pilasphaeridium 1969

Playfordiaspora 1975 with Banerji

Properinopollenites 1974

Tiwariasporis 1967 with Kar

Plantae

Bengalia 1989 with Singh & Bajpai

Birbalsahnia 1991 with Bajpai

Glossotheca 1970 with Surange

Gonophylloides 1967

Damudoxylon 1967

Lelstotheca 1972

Polyloboxylon 1962

Satsangia 1973 with Srivastava

Veekaysinghia 1991 with Bajpai

HONORS (Fossil Plantae)

Maheshwariophyllum Srivastava 1992

Maheshwariopteris Bajpai 1992

Harold Walter Bell-Marley

April 3, 2024

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

Harold Walter Bell-Marley, English-born South African fisheries expert and entomological collector (Richmond, Surrey 1873 – Durban, Natal Province 27 January 1946)

Collected new species of fishes, insects and mollusks

SOME BIBLIOGRAPHY

Hunting the hump-back whale. The Zoologist. 4th series 13:201, 1913

Some notes on a luminous South African fulgorid insect (*Rhinortha guttata* Wlk.) together with a description of its parasitic lepidopterous larva. Zoologist p.281-91, 1913

An account of eggs collected on the Pongola River, Northern Zululand. Ostrich 4:49-62, 1933

Note on *Abraxas grossulariata*. Entomologist 26:219-20,

HONORS

Marleyia Distant 1909 (Hemiptera)

Marleyimyia Hesse 1956 (Diptera)

Marleyella Fowler (Pisces)

Harri Lorenzi

March 6, 2024

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

Harri José Lorenzi, Brazilian botanist (Corupá, Santa Catarina State 19 October 1949 –

DESCRIBED PLANTAE TAXA

Alone (2010)

Acrocomia glaucescens

Geonoma bondariana

Geonoma conduruensis

With Noblick

Butia catarinensis 2010

Butia matogrossensis 2010

Butia pubispatha 2010

Geonoma littoralis 2010

Geonoma meridionalis 2010

Geonoma telesiana 2010

Lytocaryum itapebiense 2010

Syagrus allagopteroides 2010

Syagrus angustifolia 2010

Syagrus caerulescens 2010

Syagrus cerqueirana 2010

Syagrus deflexa 2010

Syagrus emasensis 2014

Syagrus gouveiana 2010

Syagrus guimaraesensis 2014

Syagrus itacambirana 2010

Syagrus kellyana 2010

Syagrus longipedunculata 2010

Syagrus lorenzoniorum 2010

Syagrus menzeliana 2010

Syagrus minor 2010

Syagrus pleiocladooides 2010

Syagrus procumbens 2010

Syagrus rupicola 2010

PATENTS

Técnica de macrofotografia de plantas sobre fundo infinito e escalado PI0704540-9 A2 (2007)

HONOURS

Genus *Lorenzia* E.G. Gonçalves 2012 (Araceae)

Invited Researcher, Harvard University (1998)

Veitch Memorial Medal, Royal Horticultural Society, London (2022)

Haru Ram Mehra

April 3, 2024

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

Haru Ram Mehra, Indian helminthologist (died 1981)

DESCRIBED TREMATODA TAXA

Families

Anchitremitidae 1935
Arnolidae 1962
Asymphyloporidae 1962
Encyclometridae 1931
Exotiidendridae 1935
Harmotrematidae 1962
Homalometridae 1962
Lamprotremitidae 1962
Liliatremitidae 1963
Oesophagicolidae 1962
Phaneropsolidae 1935

Genera

Bilorchis 1937
Coeuritrema 1933
Enterohaematotrema 1940
Exotidendrium 1935
Glossimetra 1937
Hemiorchis 1939
Lecithoporus 1935
Microderma 1931
Monticellius 1939
Muhlingina 1950
Natriodera 1937
Neocyathocotyle 1943
Neolepoderma 1937
Neopronocephalus 1932
Ophiorchis 1937
Paracercorchis 1932 with Bokhari
Paramphistomacotyle 1980
Paratelorchis 1932 with Bokhari
Plasmiorchis 1934
Platymetra 1931
Pleuropsolus 1933
Procreadium 1962
Ptyasiorchis 1937
Spinometra 1931
Staffordiella 1966
Telagonella 1928 with Negi
Tremiorchis 1925 with Negi

HONORS (Trematoda)

Mehraformis Bhardwaj 1963
Mehrailla Srivastava 1939
Mehraorchis Srivastava 1939
Mehrastomum Saksena 1959

Hayk Mirzayans

April 3, 2024

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

Hayk Mirzayans, Iranian entomologist (Qazvin 1920 – 02 April 1999)

From Armenian parents

DESCRIBED ORTHOPTERA TAXA

Genera

Bienkonía 1971 with Dirsh

Farsodecticus 1991

Neoparanothrotes 1991

Zagrosiella 1991

Species

Conophyma pazukii 1991

Farsodecticus abaicus 1991

Neoparanothrotes borumandi 1990

Nephoptera dezfoulíani 1972 with Morales Agacino

Paulianiobia indica 1971 with Dirsh

Zagrosiella moralesi 1991

HONORS

Mirzayansus Dlabola 1979 (Hemiptera)

Heinrich Hauptmann

February 29, 2024

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

Heinrich Friedrich Hauptmann, German-born Brazilian organic chemist (Breslau 10 March 1905 – São Paulo 21 July 1960)

ACHIEVEMENTS

Attained international fame due his studies about sulphur organic compounds

Described and synthetized many new mercaptols to science

Prepared oxalacetic acid semi-mercaptols (with Horst Berl)

Prepared dicarboxilic mercapto-amino acids

First to study reactions of keto-steroids with thiols (1947)

Isolated many compounds from coffee and cashew oils, leafs of *Cassia alata* and carqueja

Described with G.E.R. Schulze a new microvolumenometer

With B. Wladislaw. Síntese de alguns novos tiobenzatos e tioacetatos de alquila de cadeia comprida . *Ciência e Cultura* 5: 137-137, 1953.

With Jandira França. Um simples microextractor. *Anais Assoc. Quim. Brasil* 2:126, 1943

With Cyro Marino. Novas reações de compostos orgânicos de enxofre com níquel de Raney. *Rev. Bras. Quim* 44(262):314, 1957

Heirehalli Chenniah Govindu

February 29, 2024

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

Heirehalli Chenniah Govindu, Indian mycologist (1918 –

Described the genus *Zeuctamorpha* 1984 with Sivanesan & Kirk beyond about 70 new fungi species

HONORS

Govindua Batista & Maia 1960 (Fungi)

Heitor Medina

April 3, 2024

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

Heitor Segundo Guilherme Medina, Brazilian biochemist (Rio de Janeiro 21 November 1910 – Paraná State 20??)

Son of Chilean immigrants

Reported the first case of spontaneous leishmaniasis in guinea pigs and discovered *Leishmania enrietti*

With J. Muniz. Estudos sobre leishmaniose. I. Primeiros casos de leishmaniose espontânea observados em cobaias. Arq. Biol. Tecnol. 1:39-74, 1946

DEVELOPED METHODS

With C. Pereira a staining method for *Leishmania* in tissues (1945)

Câmara de cultura para observação direta em microorganismos (1953)

With M. Bacila. Diphasic medium for the culture of protozoa of the genus *Leishmania*. Arq. Biol. Tecnol. (9-10): 1954

With T.L. Medina, N.L. Rodrigues & D.M. Nogueira. Método para estudo de absorção intestinal in vivo e in vitro. Rev. Farm. Bioquim. USP 13(2):381-9, 1975

With G. Seullner & T. Leprevost de Medina. Application of mercury and nitrite ions, Millon reagent (1849), for staining gross sections of the brain of the dog. Zentralbl. f. Veterin. Reihe C 14(3):262-8, 1985

With V.S. Queiroz & C.R.B. Mesquita. Método para o estudo dos efeitos produzidos por herbicidas heteroauxínicos clorofenoxiacéticos sobre os mecanismos da absorção intestinal e do transporte ativo. Arch. Vet. Science 3(1), 2004

Papers in Nature (with M. Bacila)

Reversal by acetylcholine of the inhibition by thyroxine of oxidative phosphorylation on guinea pig heart sarcosomes. Nature 184:1066, 1959

The inhibition by phenothiazinic compounds of the 2,4-dinitrophenol effect on the respiration of heart muscle sarcosomes. Nature 194:547, 1962

HONORS

Subgenus *Mundinia* Shaw, Camargo & Teixeira 2016 (Protozoa)

Helge Harboe

February 29, 2024

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

Helge Harboe, Danish-born Brazilian civil engineer (01 April 1891 – Rio de Janeiro 08 April 1977)

Developed reinforced concrete tanks for a variety of fluids

BRAZILIAN PATENTS

With A.L. Montenegro, F.A.O. G. Zeemann & Weskott Co. one patent (1932)

With F.A.O. G. Zeemann. Water-jacketed reinforced concrete tanks for mineral oils (nº 21.152) 1933

A new kind of reinforced concrete for fluids or other substances with side buoyancy (1933)

A new way to build reinforced concrete and/or cement depots or tanks for mineral oils, petroleum, gasoline, benzine or other liquids like alcohol and alikes (1933)

Helio Sermenha Lepage

March 6, 2024

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

Hélio Sermenha Lepage, Brazilian agricultural entomologist (Niterói, Rio de Janeiro State 10 March 1905 – Pompéia, São Paulo State 27 December 1974)

Authored over 100 works

Gained international recognition for his works on Hemiptera Coccidae

With E.R. Figueiredo Jr authored *Pragas das Orquídeas* (Orchids Plagues) (1947), recognized as a classic work in United States

Improved insecticide IB946

With O. Giannotti & H.P. Pereira. Técnica para ensaio de inseticidas residuais biológicos. *O Biológico* 11:320-5, 1945

Considerações gerais sobre inseticidas, particularmente um novo derivado fosforado – RB1018

Técnica para a experimentação da dose letal mediana do DDT para a *Ascia monuste*

DESCRIBED VALID HEMIPTERA TAXA

Genera

Aculeococcus 1941

Costalimaspis 1937

Species

Aculeococcus morrisoni 1941

Acutaspis litorana 1942

Acutaspis oliveirae 1942

Conchaspis diplothemii 1943 with Giannotti

Costalimaspis eugeniae 1937

Diaspis paulista 1942

Dinaspis paulistana 1942

Dynaspidiotus sanctadelaidae 1942

Luzulaspis saueri 1944 with Giannotti

Melanaspis araucariae 1942

Melanaspis aristotelesi 1944 with Giannotti

Melanaspis bondari 1943

Melanaspis figueiredoi 1942

Melanaspis martinsi 1942

Mycetaspis juveninae 1944 with Giannotti

Niveaspis hempeli 1935

Palmaspis bondari

Pseudoparlatoria campinensis 1946 with Giannotti

Pseudoparlatoria gomescostai 1946 with Giannotti

Pseudoparlatoria multipunctata 1946 with Giannotti

Pseudoparlatoria trimaculata 1946 with Giannotti

Velataspis aberrans 1942

Vinculaspis atibaiensis 1937

Vinculaspis cheloniformis 1937

Vinculaspis montei 1942

Helmuth Kallas

March 2, 2024

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

Helmuth Kallas, Estonian-born Chilean biologist (27 November 1897 – Santiago 15 April 1945)

Demonstrated that infantile ovule displays hormonal action

First to observe infantile ovule movement through Fallopian duct

Introduced parabiosis as a method in physiology

Henri Claude Gorceix

February 29, 2024

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

Henri Claude Gorceix, Brazilian / French geologist (Saint Denis des Murs, Haute Vienne 19 October 1842 – Paris 06 September 1919)

He was a descendant of famous chemist Joseph Gay Lussac

SOME BIBLIOGRAPHY

Notice sur le gisement et l'exploration de l'or a Lavras, Province du Rio Grande do Sul (1875)

Estudo chimico e geológico das rochas do centro da Província de Minas Geraes. Ann. Escola Minas Ouro Preto 1:1-12 & 2:7-23, 1881

Les diamants et les pierres précieuses du Brésil. Rev. Sci. 29:553, 1882

Notes sur quelques minéraux des roches métamorphiques des environs d'Ouro Preto (Minas Geraes, Brésil). Bull. Soc. Franc. Mineral. Cristallogr. 6:27, 1883

Note sur une zéolite d'un roche pyroxénique du bassin de l'Abaeté, Minas-Geraes, Brésil. Bull. Soc. Franc. Mineral. Cristallogr. 7-8:32, 1884

Sur les minéraux qui accompagnent le diamant dans le nouveau gisement de Salobro, province de Bahia, Brésil. Compt. Rendus l'Acad. Sci. XCVIII:1446-8, 1884

Bacias Terciárias de agua doce nos arredores de Ouro Preto (Gandarela e Fonseca), Minas Geraes (1884)

Noticia relativa a alguns minerais dos cascalhos diamantíferos contendo acido fosfórico, alumina e outras terras da família cerium. (1884)

Sur de sables à monazite de Caravelles, province de Bahia (Brésil). Bull. Soc. Mineral France 32, 1884

Diamonds in Brazil. Brazilian Mining Review (1902)

Etude géologique des gisements de topazes de la province de Minas Geraes, Brésil. Ann. Scient. Ecole Normal Supérieure

Observations sur le climat et le régime des pluies du plateau de la province de Mines-Geraes

Ficus elastica de Minas Geraes. Bull. Soc. Comm. Paris 13:31,

HONORS

Gorceixia Baker 1882 (Asteraceae)

Gorceixite Hussak 1906 (Mineral)

Henrique Charles Morize

April 3, 2024

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

Henrique Charles Morize, French-born Brazilian physicist and meteorologist (Beaune, France 31 December 1860 – Rio de Janeiro 19 March 1930)

Novo cometa. Rev. Observatório 2(2):17-8, 1887 (A new comet)

First to apply X rays for determination of opaque body position in a living organism (1898)

Novo methodo para determinação da posição dos projecteis pela radiographia. Rev. Esc. Polytechnica 2:67-11, 1898

Sur un nouveau procédé de détermination de la position des corps étrangers par la radiographie. Comptes Rendus de l'Acad. Sciences de Paris 127:449-50, 1898.

METHODS

Observação de cometas: estabelecimento de fórmulas relativas ao micrômetro empregado no Imperial Observatório. Rev. Observatório 4(9):133-6, 1889

Methodo para cálculo das fases dos eclipses, com aplicações ao 22 de dezembro corrente. Rev. Observatório 4(12):165-80, 1889

Simplificação do método de Comstock para determinação da constante de nível no teodolito. Rev. Cursos Escola Polytechnica 5 (1908)

INVENTIONS

A new recording anemometer

Novo anemômetro registrador. Revista do Observatorio 5(1):1-6, 1890.

Abacos para determinação de ângulo horário e do azimuth. Rev. Cursos Escola Polytechnica 40 (1908)

A Constant level apparatus for studying evaporation

Dispositivo de nível constante para estudo da evaporação. R. Soc. Bras. Sci., Rio de Janeiro, 1919.

A Seismograph constructed on a new principle. Seismol. Soc. America Bull. 11(3-4), 1921

Seismógrafo fundado em novo princípio. Rev. Soc. Bras. Ciencias 4(3):81-4, 1920

Amplificação nas lunetas para visão dos objetos pouco luminosos. Revista de Ciencias 4(1):29-30, 1920

Cylindrometer for accurate and simple measuring of cylindric surfaces radium

Cylindrometro: aparelho para medição exacta e simples do raio das superfícies cylindricas. R. Acad. Bras. Sci 1(1):76-7, 1926

Morize-Delgado screen

Henrique Guedes de Mello

April 3, 2024

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

Henrique Guedes de Mello, Brazilian ophthalmologist (Recife 06 April 1857 – Rio de Janeiro 08 November 1934)

Authored over 100 works

The first report of retinal familial glioma in the international literature

Glioma da retina familiar e hereditária. Bol. Mem. Soc. Med. Cir. Rio de J. (1896)

Proposed a variant of Graefe-Bunge evisceration technique

Da panophtalmite e seu tratamento pela evisceração do globo ocular modificada. Brazil medico (1895-6)

INSTRUMENTS

Un blepharostat (1890)

Sur Trois nouveaux instruments d'ophtalmologie (diplopietre, blépharostat et chromatoscope). União Medica 32(4), 1884

Um diplopietro. Bol. Soc. Med. Cir. Rio de Janeiro 3:365-8, 1888

HONORS

He was Professor Edmund Landolt's clinical assistant

Correspondent Member of many foreign medical associations

Heraldo da Silva Maia

April 3, 2024

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

Heraldo da Silva Maia, Brazilian mycologist and lichenologist (Recife 17 September 1925 –

With A.C. Batista described a new fungus disease of ornamental fishes (1959)

With J.L. Bezerra, G.E. P. Peres & A.C. Batista described *Entyloma vignae* etiologic agent of leaf smut

With A.C. Batista & C. Alecrim. Onicomicose produzida por *Aspergillus clavatonanica* n.sp.. An. Fac. Med. Univ. Recife 15:197-203, 1955

DESCRIBED VALID GENERA (With Batista and others)

Fungi

Acarellina 1960 with Batista

Allothyria 1964 with Batista

Allothyriopsis 1959 with Ciferri & Batista

Amazonotheca 1959 with Batista

Aspilaima 1961 with Batista

Asterinothyrium 1951 with Batista & Ciferri

Asterostomiopsis 1951 with Ciferri & Batista

Asterostomulina 1964 with Bezerra & Batista

Astronatelia 1962 with Batista

Belainopsis 1965 with Batista

Ceramothyrium 1957 with Batista

Ciferriopeltis 1965 with Batista

Ciferrioxypium 1963 with Batista

Gibellulopsis 1959 with Batista

Globoa 1962 with Batista

Govindua 1960 with Batista

Leprieurinella 1961 with Batista

Leucoconiella 1960 with Batista & Peres

Manginella 1961 with Batista

Peltasterella 1959 with Batista

Peltasteropsis 1959 with Batista

Physalosporopsis 1955 with Batista

Plelostomellina 1964 with Bezerra & Batista

Polythrinciella 1960 with Batista

Queenslandia 1959 with Batista

Scutopeltis 1957 with Batista

Stigmatellina 1960 with Batista

Trichothyriomyces 1955 with Batista

Vonarxia 1960 with Batista & Bezerra

Lichenes

Asbolisiomyces 1961 with Batista

Caprettia 1965 with Batista

Lyromma 1965 with Batista

Pyriomyces 1965 with Batista

Herbert Christian Klinger

March 2, 2024

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

Herbert Christian Klinger, South African paleontologist (1945 –

DESCRIBED FOSSIL MOLLUSCA GENERA (with Kennedy)

- Alopecoceras* 1978
- Amapondella* 1997
- Carinophylloceras* 1975 with Wiedmann
- Criobaculites* 1997
- Eodidymoceras* 2003
- Eutexanites* 1980
- Helicancyloceras* 1977
- Hyphaloceras* 2008
- Mkuzeiella* 2008
- Ndumuiceras* 2009
- Neostlingoceras* 1978
- Nonyaniceras* 1977
- Ryuella* 1997
- Tarrantites* 2010 with Minor
- Umgazanicer* 1979
- Umsinenoceras* 1979 with Wright

HONORS

- Herbiella* Cooper 2012 (Fossil Mollusca)
- Klingerella* Dingle 1981 (Fossil Ostracoda)

Herculano Penna Medina

April 3, 2024

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

Herculano Penna Medina, Brazilian pedologist (died 2006)

Calculated the maximal velocity of capillary rising

With F.P. Gomes. Movimento capilar da agua do solo. I. Determinação da velocidade máxima da ascensão capilar (1951)

With F. Grohmann & A. Kopper. Novo tipo de lisímetro monolítico. *Bragantia* 11:333-5, 1951

Simplificação do método de análise granulométrica para caracterização sumária da textura do solo

With J. E. Paiva Netto. O higroscopímetro e a determinação rápida da umidade higroscópica do solo (1949)

His wife, Dixier Marozzi Medina, Italian-born Brazilian plant cytogeneticist (Città di Castello, Perugia, Umbria 23 January 1923 – 30 August 2015)

DEVELOPED METHODS (with C.H.T.M. Conagin)

Nova técnica para a contagem de cromossomos em amendoim (*Arachis hypogaea* L.). *Bragantia* 22:423-44, 1963

A technique for tetrad analysis and pollen viability in *Tecnica Citologica* Publ. 260 (1964)

With C.R.L. Longo. Technique for chromosome observation in *Coffea* embryos. *Caryologia* 24:365-70, 1971

Herman Lent

March 6, 2024

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

Herman Lent, Brazilian helminthologist and medical entomologist (Rio de Janeiro 03 February 1911 – Rio de Janeiro 07 June 2004)

Son of Jewish Russian immigrants

Regarded as a world reference on Triatominae

DESCRIBED NEW TAXA

Entomology

Tribe

Linshcosteini

Genera

Corupaia 1948 with Wygodzinsky

Hadrokerala 1980 with Wygodzinsky

Latrocimex 1941

Namapa 1980 with Wygodzinsky

Nanokerala 1980 with Wygodzinsky

Neivacoris 1947 with Wygodzinsky

Parabelminus 1943

Pseudozelurus 1947 with Wygodzinsky

Torrealbaia 1998 with Carcavallo & Jurberg

Triatomaptera 1940 with Neiva

Zeluroides 1948 with Wygodzinsky

Species

97 (57 with Wygodzinsky)

Subspecies

9

Helminthology

Family

Metacebullidae 1938 with J.F.T. de Freitas

Subfamily

Haematoloecinae with Freitas

Genera (Nematoda/Trematoda) all with Freitas except one

Avellaria 1934

Caenostrongylus 1938

Caimanicola 1938

Capillostrongyloides 1935

Gongylonemoides 1937

Graphidiops 1938

Halltrema 1939

Heligmoskrjabinia 1937

Helminthoxys 1937 with Freitas & Almeida

Lutznema 1934

Metacebulum 1938

Migonella 1946

Molinema 1939

Oswaldostrongylus 1934

Paradeletrocephalus 1947

Parhadjelia 1939

Piratuba 1941

Pulchrosomoides 1937 with Freitas & Almeida

Stilestrongylus 1937 with Freitas & Almeida

Trichotravassosia 1938

Vaznema 1948

Species

89 espécies (86 with Freitas)

HONORS

Hermanlenticia Jurborg & Galvão 1997 (Hemiptera)

Lenticia Wygodzinsky 1946 (Hemiptera)

Lentireduvius Cai & Taylor 2006 (Hemiptera)

Lentiella Arandas Rego 1964 (Cestoda)

Hermann Luederwaldt

March 6, 2024

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

Hermann Luederwaldt, German-born Brazilian zoologist (Gollnow, Pommern 23 January 1865 – São Paulo 15 August 1934)

Authored over 30 works

DESCRIBED ANIMALIA TAXA

Coleoptera

Subgenus *Homocanthonides* 1929

About 120 new species

Valid Reptilia

Mesoclemmys tuberculata (1926)

HONORS

Luederwaldtia Schmidt 1922 (Hemiptera)

Luederwaldtinia Martínez 1951 (Coleoptera)

Hermann Marloth

April 3, 2024

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

Hermann Wilhelm Rudolf Marloth, German-born South African botanist, explorer, pharmacist and chemist (Lübben, Dahme-Spreewald, Brandenburg State 28 December 1855 – Caledon, Cape Province 15 May 1931)

DESCRIBED PLANTAE TAXA

Valid Genus

Charadrophila 1899 (Sterculiaceae)

Species

108

SOME BIBLIOGRAPHY

The influence of hydrogen-ion concentration and of sodium bicarbonate and related substances on *Penicillium italicum* and *P. digitatum*. Phytopathol. 21:169-98, 1931

The chemistry of South African plants and plant products (1913)

Observations on the function of the ethereal oils of xerophytic plants (1906)

Results of experiments on Table Mountain for ascertaining the amount of moisture deposited from the southeast clouds. Trans. S. Afr. Philos. Soc. 14:403-8, 1903

Some adaptations of South African plants to the climate. Trans. S. Afr. Phil. Soc. 6:31-8, 1892

The absorption of water by aerial organs of plants

HONORS

Marlothiella Schwantes 1928 (Aizoaceae)

Marlothiella H. Wolff 1912 (Apiaceae)

Hermann Von Ihering

February 29, 2024

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

Hermann Friedrich Albrecht Von Ihering, German / Brazilian (Kiel 09 October 1850 – Giessen 24 February 1930)

- Discovered lasidium larva of freshwater bivalves (1871)
- Studied the nervous system of Mollusca phylum (1876)
- Enunciated Von Ihering rule about autochthony of South American animals
- Enunciated 3 rules about the presence of parasites in land mammals during migrations (1902)

DESCRIBED ANIMALIA TAXA

Subphylum Amphineura 1878

Turbellaria

Genus

Graffilla 1880

Hymenoptera

Genus

Frieseomelitta 1912

Brachiopoda

Genus

Pachymagas 1903

Ichnofossil

Genus

Chubutolithes 1922

Arachnida

Species

At least 28

Mollusca

Genera

- Ameghinomyia* 1907
- Aporodoris* 1886
- Austrocominella* 1907
- Brasilotethys* 1915
- Castalina* 1891
- Cearella* 1906
- Corbiculella* 1907
- Doringina* 1929
- Entacanthus* 1907
- Eostrea* 1907
- Humboldtiana* 1892
- Metafruticicola* 1892
- Mytiloperna* 1903
- Neohelix* 1892
- Neoimbricaria* 1907
- Neoinoceramus* 1902
- Odontogryphaea* 1903
- Pachycymbiola* 1907
- Parahelix* 1892

Pseudotylostoma 1904

Scaphella 1907

Sphenaturia 1921

Trichomya 1900

Trinchesia 1879

Vitrinopygio 1892

Zygochlamys 1907

Other taxa

326

Pisces

Species

Gobius silveiraemartinsi 1893

Zungaro jahu 1898

Aves

Species

Emberizoides ypiranganus 1907 with R. Ihering

Phylloscartes difficilis 1907 with R. Ihering

Phylloscartes paulista 1907 with R. Ihering

Sarkidiornis sylvicola 1907 with R. Ihering

Xiphorhynchus juruanus 1905

Subspecies

Dendrocolaptes certhia juruanus 1905

Epinecrophylla haematonota amazonica 1905

Icterus cayanensis valenciobuenoi 1902

Myrmotherula longipennis garbei 1905

Pheugopedius genibarbus juruanus 1905

Thamnophilus aethiops juruanus 1905

Mammalia

Species

Phyllomys thomasi 1871

Subspecies

Speothos venaticus wingei 1911

HONORS

Iheringella Pilsbry 1930 (Mollusca)

Iheringiella Berg 1898 & *Iheringina* Lahille 1899 (Echinodermata)

Iheringocantharus Bernhauer 1912 (Coleoptera)

Iheringula Sars 1900 (Crustacea)

Iheringthyris Levy 1961 & *Iheringinucula* Del Río & Camacho 1996 (Fossil Mollusca)

Iheringia Kayserling 1891 (Arachnida)

Iheringichthys Eigenmann & Norris 1900 (Pisces)

Arminiheringia Ameghino 1902 (Fossil Mammalia)

Subgenus *Iheringicardium* Schneider 2002 (Mollusca)

Hermillo Bourguy de Mendonça

April 3, 2024

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

Hermillo Bourguy Macedo de Mendonça, Brazilian naturalist and engineer (Rio de Janeiro 30 September 1864 – Rio de Janeiro 10 September 1941)

Authored O Megatherium do Museu Nacional (1934)

HONORS

Bourguyia Mello Leitão 1923 (Arachnida)

Hermogenes Leitão Filho

March 6, 2024

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

Hermógenes de Freitas Leitão Filho, Brazilian botanist (Campinas, São Paulo State 06 February 1944 – Campinas, São Paulo State 23 February 1996)

Authored 111 papers, 8 books and 11 book chapters

Studied angiosperm taxonomy and phytosociology of forests and savannahs of Southeastern Brazil

With S. Miyasaka & L.D. Almeida. Característica do feijão carioca, um novo cultivar. *Bragantia* 30:33-8, 1971

DESCRIBED NEW PLANT SPECIES

Actinoseris revolutae 1981 (Asteraceae)

Gossypium caicoense 1969 with Aranha & Gridi-Papp

Lamanonia brasiliensis 1993 with Zickel (Cunoniaceae)

Stiffia grazielae 1970 (Asteraceae)

HONORS

Hermogenodendron Santin 1991 (Anarcadiaceae)

Hernando García Barriga

February 29, 2024

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

Hernando García y Barriga, Colombian botanist (Bogotá 30 November 1913 – 2005)

DESCRIBED PLANT SPECIES

Agrostis boyacensis 1943 with Swallen

Axonopus micay 1960

Carica fructifragrans 1958 with Hernandez Camacho

Gustavia dumitiana 1952

Gustavia romeroi 1975 with Mori

Herrania cuatrecasana 1941

Herrania dugandii 1941

Matisia uribei 1952

Philodendron leyvae 1962

Piper erythroxyloides 1975 with Schultes

Pouteria officinalis 1978

Prunus betancuri 1984 with Schultes

Prunus carolinae 1983

Prunus ernestii 1983

Rapatea circasiana 1954 with Mora

Rapatea muayi 1954 with Mora

Rapatea schultesiana 1954 with Mora

Saurauia anolaimensis 1943 with Schultes

Saurauia putumayonis 1943 with Schultes

Saxofridericia colombiana 1954 with Mora

Sporobolus bogotensis 1943 with Swallen

Urochloa albicoma 1943 with Swallen

Vasconcellea sphaerocarpa 1958 with Hernandez Camacho

HONOURS

Lifetime Achievement Award, Linnean Society of London (1979)

Richard Evans Schultes Award (1974)

Visiting Professor, Harvard University (1967)

Genus *Garcibarrigoa* Cuatrecasas 1986 (Asteraceae)

Hertha Meyer

April 3, 2024

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

Hertha Meyer, German-born Jewish Brazilian microscopist (Berlin 03 May 1902 – Rio de Janeiro 06 September 1990)

ACHIEVEMENTS

Performed the first ultra structural studies on pathogenic protozoan (*Trypanosoma*, *Toxoplasma* & *Plasmodium*)

Described structures such as cytoplasmic microtubules (1954) and the mitochondria-kinetoplast junction in many protozoan species

With F.N. Guimarães described conoid organelle of *Toxoplasma* sp.

Developed methodology for the cultivation of *Toxoplasma gondii* in tissue culture being the first reproducible studies on it

With F.N. Guimarães. Cultivo de *Toxoplasma* Nicolle e Manceaux, 1909, em cultura de tecidos. Rev. Bras. Biol. 2:123-9, 1942

With F.N. Guimarães first to report active penetration of *Toxoplasma gondii* into cells

First to observe *Toxoplasma gondii* by transmission electron microscopy

With I. Andrade Mendonça. Electron microscopy observation of *Toxoplasma* Nicolle et Manceaux grown in tissue cultures. Parasitology 45:449-51, 1955

First to describe long and dark stained inclusions characteristic of the Apicomplexa phylum

With I. Andrade Mendonça. Electron microscopy observation of *Toxoplasma* Nicolle et Manceaux in thin sections of tissue cultures. Parasitology 47:66-9, 1957

First to publish electron microscopy figures of *Trypanosoma cruzi*

With K.R. Porter. A study of *Trypanosoma cruzi* with the electron microscope. Parasitology 44:16-23, 1954

With Xavier de Oliveira first performed the growing cultures of *Trypanosoma cruzi* in tissue cultures (1948)

With M.X. de Oliveira. Cultivation of *Trypanosoma cruzi* in tissue culture: a four year study. Parasitol. 39(12):91-4, 1948

Developed in vitro culture of exo-erythrocytary form of *Plasmodium gallinaceum*

With W. L. Paraense & V. Menezes. Estudos sobre *Plasmodium gallinaceum*. Comportamento dos esporozoítos em cultura de baço embrionário. Rev. Bras. Biol. 2(1):89-94, 1942

With G. Levi developed methods for studying nervous system tissues in vitro

With G. Levi. Reactive, regressive and regenerative processes of neurons cultivated in vitro and injured with the micromanipulator. J. Exp. Zool. 99:141-81, 1945

With G. Levi. Nouvelles recherches sur le tissu nerveux cultivé in vitro (1941)

With G. Levi. Nuovi studi sul destino del tessuto nervoso espiantato in vitro (1934)

With G. Levi. Divisione mitotica di cellula nervosa in colture in vitro. Atti Acad. Naz. Lincei 8(18):352-8,

With R. Levi-Montalcini developed a test for studying sarcoma effects on tissue culture

SOME BIBLIOGRAPHY

With R.D. Machado & W.M. Cintra. On the cultivation of *Trypanosoma cruzi* in tissue cultures of the spinal and sympathetic ganglion from the chick embryo. An. Acad. Bras. Ciencias 54:739-42, 1982

With W. de Souza. On the fine structure of the nucleus in *Trypanosoma cruzi* in tissue culture forms (1974)

With M.A. Esquibel, I. Alonso, G. Oliveira Castro & C. Chagas Filho. Quelques aspects de l'histogenese et de l'ontogenese des organes electriques chez *Electrophorus electricus* (L.). C.R. Acad. Sci. Paris Ser. D 273:196-9, 1971

With M.X. de Oliveira. Ação do *S. cruzi* degenerado ou em suspensão de tripanosomas mortos sobre células nervosas em cultura de tecido de embriões de galinha. O Hospital 55:889-903, 1959

With A. Couceiro & C. Chagas Filho. Estrutura submicroscópica da eletroplaca do *Electrophorus electricus* (L.). Anais Acad. Bras. Ciencias 27, 1955

Electron microscope study of nerve fibres grown in vitro. Experimental Cell Research 7:15-22, 1954

With R. Levi-Montalcini & V. Hamburger. In vitro experiments on the effects of mouse sarcomas 180 and 37 on the spinal and sympathetic ganglia of the chick embryo. Cancer Res. 14(1):49-57, 1954

Cultivation of the erythrocytic form of *Plasmodium gallinaceum* in tissue cultures of embryonic chicken brain. Nature 160:155-6, 1949

Cultivo de *Plasmodium gallinaceum* em culturas de tecido a partir de sangue infectado. II. Rev. Bras. Biol. 9, 1949

With M.X. de Oliveira. Conservação de protozoários em culturas de tecido mantidas a temperatura ambiente. Rev. Bras. Biol. 3:341-3, 1943

With C. Romaña. Estudo do ciclo evolutivo do *Schizotrypanum cruzi* em cultura de tecido de embrião de galinha. Mem. Inst. Oswaldo Cruz 37:19-27, 1942

With M.X. de Oliveira. Observações sobre divisões mitóticas em células parasitadas. Anais Acad. Bras. Ciencias 14:289-92, 1942

Culturas de tecido nervosa infectados por *Schizotrypanum cruzi*. Anais Acad. Bras. Ciencias 14:253-5, 1942

Culture of cilia and iris muscle with the chicken embryos. Zeit. Mikroskop. Anat. Forschung 39:161-71, 1936

In vitro culture of the retina of hens. Zeit. Mikrosk. Anat. Forschung 39:151-60, 1936

Wechselbeziehungen zwischennormalen und bosartigen geweiben. Ztschr. f. Krebsforsch. 29(3):270, 1929

Electron microscope study of nerve fibres grown in vitro

Cultivo de uma *Borrelia* em culturas de tecido

Estudo sobre a presença e a distribuição de fibras colágenas e reticulares em culturas de gânglio espinhal de embrião de galinha

Überleben von Mausekarzinomkulturen in vitro bei Zimmerkultur

Aspectos morfológicos do *Schizotrypanum cruzi* em culturas de tecidos

Hilario Soares de Gouvea

February 29, 2024

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

Hilário Soares de Gouvea, Brazilian ophthalmologist (Caeté, Minas Gerais State 23 September 1843 – Rio de Janeiro 25 October 1923)

ACHIEVEMENTS

First to describe a fatal case of xerosis conjunctivae bulbi (1869)

Established the relationship between xerophthalmia and malnutrition

Beitraege zur Kenntniss der Hemeralogie und Xerophthalmie aus Ernaehrungs-Stoerungen. Arch. Ophtal. XXIX:167-200, 1883

First to report a family with hereditary retinoblastoma and first suggested hereditary basis for cancer

L'Hérédité des gliomes de la retine. Bol. Soc. Med. Cir. Rio de Janeiro, 1886

L'Hérédité des gliomes de la retine. Annales d' Oculistique. 143:32-5, 1910

Described a new process for curing corneal staphyloma

Novo processo para a cura dos estafilomas anteriores aderentes da córnea, produzida por prolapsos da íris. Rev. Cursos Práticos e Theoricos, Rio de Janeiro

Hinton family

February 29, 2024

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

George Boole Hinton, English-born Mexican mining engineer and plant collector (Marylebone, London 1882 – Ciudad de Mexico 1943)

A relative of mathematician George Boole

With his son collected 471 new plant species

PATENTS (1928)

Process of making a cementitious material of cellular texture (GB2894041)

Improvements in or relating to apparatus for making a cellular cement product (GB298847)

Improvements in or relating to apparatus for making a spumous mass of cementitious material (GB297638 e GB300842)

An improved method of making a cellular cementitious product (GB300843)

HONORS

Hintonia Bullock 1935 (Rubiaceae)

Hintonella Ames 1938 (Orchidaceae)

Neohintonia King & Robinson 1971 (Asteraceae)

His son, James C. Hinton, Mexican entrepreneur and novelist (Ciudad de Mexico 24 September 1915 – Galeana, Nuevo León State 23 July 2006)

Alone collected 2 new genera and 116 new plant species

HONORS

Jaimehintonia Turner 1993 (Amaryllidaceae)

Grandson of George Boole Hinton, George Sebastian Hinton, farmer and botanist (Monterrey 1949 –

Collected one genus and 34 new plant species

HONORS

Geohintonia Glass & Fitz Maurice 1991 (Cactaceae)

FAMILY GLOBAL OUTPUT (Taxa discovered by family)

Genera

Cremastopus P.G. Wilson (Cucurbitaceae),

Geohintonia Glass & Fitz Maurice (Cactaceae),

Hintonia Bullock (Rubiaceae),

Hintonella Ames (Orchidaceae),

Onocleopsis Ballard (Aspidiaceae)

Symplococarpon Airy-Shaw (Theaceae)

Species

621 species (460 valid)

Others

65 subspecies and varieties

LINKS

https://www.researchgate.net/publication/335551305_The_Hintons'_legacy_to_the_knowledge_of_the_flora_of_Mexico See

https://www.researchgate.net/publication/335551305_The_Hintons'_legacy_to_the_knowledge_of_the_flora_of_Mexico.

Hirendra Chandra Gangulee

February 29, 2024

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

Hirendra Chandra Gangulee, Indian bryologist and plant geneticist (Faridpur, Bangladesh 28 June 1914 – 07 October 1992)

DESCRIBED NEW PLANT SPECIES

Barbula horricornis

Barbula leucodontoides 1972

Barbula marginatula 1966

Brachymenium ochianum 1974

Bryoerythrophyllum ferrugineum 1964

Calymperes sundarlanense

Calymperes sikkimense

Calymperes calcuttense with Bartram

Calypothecium dixonii 1976

Campylopus dorelii

Dendrocyathophorum herzogii 1977

Dicranella macrospora 1964

Didymodon mittenii 1964

Distichophyllum decolyi 1977

Fissidens alanii 1971

Fissidens bilaspurensis 1957

Fissidens diversifolioides

Fissidens griffithii 1964

Fissidens incognitus 1957

Fissidens kalimpongensis 1957

Fissidens orishae 1964

Fissidens rambii 1971

Fissidens ranchiensis 1957

Fissidens subbryoides 1957

Hydrogonium decolyi

Hydrogonium dicranelloides 1966

Hyophila kurziana 1966

Isopterygium andamanicum 1980

Neckeropsis darjeelingensis 1976

Penzigiella hookeri 1976

Semibarbula ranuui 1964

Splachnobryum bengalense

HONORS

Ganguleea Zander 1989 (Musci)

Ho Wang Lee

March 6, 2024

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

Ho Wang Lee, South Korean microbiologist and epidemiologist ((Sinhung, South Hangyong Province 26 October 1928 – 05 July 2022)

With P.W. Lee developed a sensitive diagnostic test for clinical hemorrhagic fever with renal syndrome using lung sections of infected mice (1976)

Identified (1976) and isolated (1978) the Hantaan virus, causative agent of Korean hemorrhagic fever with renal syndrome, being the first member of hantaviruses

With P. W. Lee & K.M. Johnson. Isolation of the etiologic agent of Korean hemorrhagic fever. J. Infect. Dis. 137:298-308, 1978

Elucidated epizootiology and epidemiology of hemorrhagic fever with renal syndrome (1979-85)

Identified the Seoul virus

With L.J. Baek & K.M. Johnson. Isolation of Hantaan virus, the etiologic agent of Korean hemorrhagic fever, from wild urban rats. J. Infect. Dis. 146:638-44, 1982

With Luck Ju Baek developed vaccine Hantavax (1989)

With Tetsuo Tomiyama developed a rapid method of serodiagnosis for hantavirus (1990)

Developed an effective inactivated Hantaan-Puumala combination vaccine

Obtained tissue culture of Japanese encephalitis virus

HONOURS

Prince Mahidol Award, Thailand (1994)

Foreign Member, US National Academy of Sciences USA

Hoffmann family

February 29, 2024

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

Carlos Christian Hoffmann, German-born Mexican entomologist (Frankfurt 31 May 1876 – Ciudad de Mexico 26 November 1942)

Authored over 100 works

Demonstrated *Simulium* (*Eusimulium*) *callidum* as a vector of onchocercosis

HONORS

Hoffmanniadrurus Fet & Sologlad 2004 (Arachnida, Scorpiones)

Ana Esther Hoffmann Mendizabal, Mexican acarologist (Puebla 03 March 1919 – Cuernavaca, Morelos State 11 October 2007)

Authored 120 papers and 10 books

DESCRIBED NEW ACARI TAXA

Genera

Anahuacia 1963

Chapalania 1995 with Lopez Campos

Cordiseta 1954

Cunaxoides 1948 with Baker

Tecomatlana 1947

Tepoztlana 1973 with Mendez

Tequisistlana 1980 with Sanchez

Species

At least 60

HONORS (Arachnida)

Hoffmanniella Vercammen-Grandjean 1960

Hoffmannina Brennan & Jones 1959

Hoffmannita Pelaez 1962

Hoffmannilena Maya-Morales & Jimenez 2016

Hongfei Hou

February 29, 2024

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

Hongfei Hou or Khunfey Khou, Chinese paleontologist and stratigrapher (fl.1957)

DESCRIBED FOSSIL TAXA

Brachiopoda

- Acrothyris* 1963
- Aseptalum* 1975 with Xian
- Borealispirifer* 1993 with Su
- Glyptospirifer* 1975 with Xian
- Kwangsirhynchus* 1975 with Xian
- Longdongshuia* 1975 with Xian
- Mongolirhynchia* 1976 with Zhao
- Orientospirifer* 1975 with Xian
- Otospirifer* 1975 with Xian
- Parabornhardtina* 1964 with Xian
- Peregrinellina* 1984 with Wang
- Prolazutkinia* 1983 with Xian
- Tibetatrypa* 1986 with Copper
- Wutubulakia* 1983 with Zhang
- Xenospirifer* 1975 with Xian
- Xianjiangospirifer* 1983 with Zhang

Species

46

Echinodermata (with Waters, Maples, Lane, Marcus, Liao, Liu & Wang 2003)

- Amadeusicrinus*
- Breimeriblastus*
- Conoblastus*
- Emuhablastus*
- Grabauicrinus*
- Julieticrinus*
- Triploblastus*

Species

16

HONORS (Fossil)

- Houhongfeiella* Olempska 1999 (Ostracoda)
- Houiblastus* Lane, Waters & Maples 1997 (Echinodermata)

Honório Monteiro Filho

April 3, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Honório da Costa Monteiro Filho, Brazilian botanist (Goiana, Pernambuco State 14 April 1899 – Rio de Janeiro 19 June 1978)

Authored about 70 publications

Proposed hippopede as a new organ in Dicotyledoneae (1953)

Hypopedium, un organe nouveau des dicotyledonées. Rapports et Comm. Aux Sections 7 et 8 p.273-4, Huitime Congr. Intern. Botanique (1954)

Uma nova entidade morfológica (A new morphological entity). Anais Congr. Nac. Botanica 25:45-7, 1974

DESCRIBED VALID PLANTAE TAXA

Section

Distichifolia 1967

Species

Bakeridesia andradelimae 1973

Bakeridesia bezerrae 1973

Bakeridesia pickelii 1973

Bakeridesia torrendii 1973

Melochia sergipana 1973

Monteiroa leitei 1955

Pavonia ducke-limae 1973

Pseudabutilon pintoii 1974

Sida allemanii 1936

Sida arrudiana 1936

Sida cambuiensis 1977

Sida grazielae 1974

Sida macaibae 1968

Sida macropetala 1968

Sida marabaensis 1968

Sida odorata 1936

Sida petropolitana 1967

Sida pires-blackii 1968

Sida pseudopotentilloides 1949

Sida rodrigoii 1967

Sida salzmännii 1969

Sida sampaiana 1967

Sida santaremensis 1936

Triumfetta sampaioi 1938

Others

15 varieties and 14 forms

HONORS

Bronze Medal, Société Botanique de France (1954)

Genus *Monteiroa* Krapovickas 1951 (Malvaceae)

Horacio Antonio Mottola

April 3, 2024

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

Horacio Antonio Mottola, US/Argentine analytical chemist (Buenos Aires 22 March 1930–

ACHIEVEMENTS

More than 150 papers

Devised with Ernest B. Sandell a solvent extraction procedure using iodides for separation of metals

With Henry Freiser pioneered the use of the theory of regular solutions and solubility parameters for the interpretation and prediction of distribution constants for the partition of metal chelates between aqueous-organic solvent pairs

Developed kinetic methods for determining organic species in which the end point of a titrimetric procedure is detected by a catalyzed reaction

Described new analytical methods based in enzymatic reactions and coupled to flow systems

http://digital.library.okstate.edu/OAS/oas_pdf/v62/p96_97.pdf

Horacio Harrington

February 29, 2024

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

Horacio Jaime Harrington Merani, Argentine geologist, stratigrapher and paleontologist (Bahía Blanca, Buenos Aires Province 17 September 1910 – Buenos Aires 21 December 1973)

Authored over 50 papers

Proposed the term cenuglomerate (1946)

DESCRIBED FOSSIL TAXA

Trilobita

Families

Gigantopygidae 1959

Hapalopleuridae 1957 with Leanza

Genera

With Leanza

Araiopleura 1957

Australoharpes 1957

Australopyge 1957

Bodenbenderia 1957

Brackebuschia 1957

Cheirurina 1957

Colpocoryphoides 1957

Deltacare 1957

Dichelepyge 1952

Dolerasaphus 1957

Dolerobasilicus 1957

Famatinolithus 1957

Guandacolithus 1957

Hapalopleura 1957

Hyecaspis 1957

Keidelia 1957

Machairagnostus 1957

Nannopeltis 1957

Niobides 1957

Notopeltis 1957

Ogygiocarella 1957

Ogygitella 1957

Plesioparabolina 1942

Pliomeroides 1957

Prionopyge 1942

Proetiella 1957

Pseudohysterolenus 1957

Remopleuridioides 1957

Rhadinopleura 1957

Saltaspis 1952

Sphaerocare 1957

Zuninaspis 1957

Alone

Bossaspis 1957

Bristolina 1956

Fremontella 1956

Hintzeia 1957

Kanoshia 1957
Kayseraspis 1938
Keidelaspis 1937
Kobayashia 1938
Laudonia 1956
Mekynophrys 1938
Metapilekia 1938
Onychopyge 1938
Pliomeraspis 1957
Protopliomerella 1957
Pseudokainella 1938
Pseudoperonopsis 1938
Rossaspis 1957
Trilobagnostus 1938
Tropidopyge 1951 with Kay

Coelenterata

Order

Dipleurozoa 1955 with Moore

Family

Dickinsoniidae 1955 with Moore

Genera

Crucimedesina 1955 with Moore
Quadrimesusina 1955 with Moore
Brooksellida 1956 with Moore

Brachiopoda

Genus

Notospirifer 1955

HONORS (Fossil)

Harringtonia Frenguelli 1942 (Plantae)
Harringtonacaste Baldis & Blasco 1976 (Trilobita)

Horst Haebisch

February 29, 2024

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

Horst Haebisch, German-born Brazilian breath physiologist (Luban, Poland 19 July 1913 – São Paulo 18 May 2005)

With R.V. Vieira, E. Kokubun, N.S. Hell & R. Curi. Sistema de natação para exercício físico de ratos (Swimming system for physical exercise of rats). Arq. Biol. Tecnol. 31(3):387-94, 1988

With S.A. Camara. Metodo simples para o registro incruento e contínuo da pressão arterial, aplicado em anestesia. Rev. Paul. Med. 54(4):305-6, 1959

With D.P. Nogueira & J.M. Cardoso. New method of bloodless recording of arterial pressure. Arq. Bras. Cardiol. 8(4):423-30, 1955

With D.P.Nogueira, J.M. Cardoso & R.A. Godoy. A new apparatus of simple construction for recording intracardiac pressure. Arq. Bras. Cardiol. 7(3):215-22, 1954

Simple method for determination of residual air. Beitr. Klin. Tuberk. Spezif. Tuberkuloseforsch. 107(1):64-70, 1951

Method of determination of oxygen saturation of blood and of minute volume of the heart. Arq. Bras. Cardiol. 4(11):59-66, 1951

Hossein Mirchamsy

April 3, 2024

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

Hossein Mirchamsy, Iranian immunologist and virologist (1916 – 2008)

Authored 132 papers and 3 books

With A. Sassani, A. Shafyi, P. Ahourai, J. Razavi et al. Development of a new live attenuated mumps virus vaccine in human diploid cells. *Biologicals* 19(3):203-11, 1991

With S. Bahrami, A. Shafyi et al. The isolation and characterization of a human diploid cell strain and its use in production of measles vaccine. *J. Biol. Stand.* 14:75-9, 1986

With S. Bahrami, M. Amighi & A. Shafyi. Development of a camel kidney cell strain and its use in virology.

With F. Rapp. A new overlay for plaquing animal viruses. *Exp. Biol. Med.* 129(1):13-17, 1968

Developed a culture medium for *Aedes albopictus* cells (1970)

Developed an inactivated vaccine for African horse sickness (1969)

Developed a viral plaque assay (1968)

Modified Siena method of antirabies serum for horses and mules (1963)

With Rafyi developed a method to prepare goat pox vaccine (1956)

Houde Han

February 29, 2024

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

Houde Han, Chinese mathematician (1938 –

Authored over 100 papers

With Z. Xu gave a numerical method for finding solitary wave solutions of generalized Korteweg-de Vries equations by solving the nonlinear eigenvalue problem on an unbounded domain (2005)

With Z. Huang proposed a class of exact artificial boundary conditions for the numerical solution of the Schrödinger equation on unbounded domains in two-dimensional cases (2004)

With C.X. Zheng & M. Ehrhardt presented a new numerical technique for solving periodic structure problems

With Y. Li & Z. Huang. An equation decomposition based tailored finite point method for linearized incompressible flow in two-dimensional space. *Comp. Mathem. Appl.* (2015)

With H. Brunner & D. Yin. Artificial boundary conditions and finite difference approximations for a time-fractional-diffusion-wave equation on a two-dimensional unbounded spatial domain. *J. Comp. Math.* (2014)

With Z. Huang & W.J. Ying. A semi-discrete tailored finite point method for a class of anisotropic diffusion problems. *Comp. Mathem. Appl.* 65(11):1760-74, 2013

With Z. Huang & S. Zhang. An iterative method based on decomposition for the fourth-order singular perturbation problem. *Num. Meth. Part. Diff. Equations* (2013)

With Z. Huang. An equation decomposition method for the numerical solution of a fourth-order elliptic singular perturbation problem. *Numer. Methods Part. Differ. Equations* (2011)

With Z. Zhang. Multiscale tailored finite point method for second-order elliptic equations with rough or highly oscillatory coefficients. *Comm. Mathem. Sciences* (2011)

With Z. Zhang. Adaptive artificial boundary condition for the two-level Schrödinger equation with conical crossings. *J. Comp. Physics* (2011)

With T. Takeuchi & L. Ling. An energy regularization for Cauchy problems of Laplace equation in annulus domain. *Comm. Comput. Physics* (2010)

With Z. Huang. Tailored finite point method for steady-state reaction-diffusion equation. *Comm. Math. Sciences* (2010)

With Z. Huang. Tailored finite point method for a singular perturbation problem with variable coefficients in two dimensions. *J. Scient. Comp.* (2009)

With C.X. Zheng & X. Wen. Numerical solutions to a linearized KdV equation on unbounded domain. *Num. Meth. Partial Diff. Equations* 24(2):383-99, 2008

With M. Yan. Mixed finite element method on a staggered mesh for a Navier-Stokes equations. *J. Comp. Math.* 26(6):816-24, 2008

With Z. Huang & R.B. Kellogg. The tailored finite point method and a problem of P. Hemker (with this paper won the Pieter Hemker prize in 2008)

With M. Yan & C. Wu. An energy regularization method for the backward diffusion problem and its applications to image deblurring. *Comm. Comput. Physics* 4(1):177-94, 2008

With X. Wu. A fast numerical method for the Black-Scholes equations of American options. *SIAM J. Numer. Anal.* 41(6):2081-95, 2006

With Z. Huang. A class of artificial boundary conditions for heat equation in unbounded domain. *Comp. Mathem. Appl.* 43(6-7):889 -900, 2002

With Z. Huang. A semi-discrete numerical procedure for composite material problems. *Proceed. Adv. Num. Mathem.* (2001)

With W.Z. Bao. An artificial boundary condition for two-dimensional incompressible viscous flows using the method of lines. *Int. J. Num. Meth. Fluids* 22(6):483-93, 1996

With X. Wu. A new economical mixed finite element formulation and the MAC method for the Stokes equations (1996)

With X. Wu. A finite element method for Laplace and Helmholtz type boundary value problems with singularities (1995)

Hsen Hsu Hu

February 29, 2024

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

Hsen Hsu Hu (Xiansu Hu), Chinese botanist (Nanchang, Jiangxi Province 24 May 1894 – Beijing 16 July 1968)

DESCRIBED PLANTAE TAXA

Family

Toricelliaceae 1934

Valid Genera

Amesiodendron 1936

Metasequoia 1948 with Cheng

Neofinetia 1925

Nothotsuga 1928

Rehderodendron 1935

Sinjackia 1928

Sinjohnstonia 1936

Species

About 360

HONORS

Huodendron Rehder 1935 (Styracaceae)

Huigobio Fang 1938 (Pisces)

Hsiang-fu Kung

March 2, 2024

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

Hsiang-fu Kung, Chinese molecular geneticist (04 September 1942 – 17 June 2019)

Developed the first human interferon of world market (Hoffmann La Roche Inc.)

First to purify and crystallize recombinant human leukocyte interferon α A

First to prove the transforming activity of Ras protein and establish the role of phospholipase C and nerve growth factor in Ras-mediated signal transduction pathways

Developed anti-cancer drug targeting on the activity of Ras farnesyl-protein transferase

Demonstrated the physiological roles of bone morphogenetic protein-4 (BMP-4) during embryonic development in *Xenopus* embryo

Elucidated the BMP4 signaling pathways and demonstrated the role of GATA-1 b protein in the inhibition of neurogenesis

Purified several anti-tumor and anti-viral agents from TCM and elucidated their mechanisms of action that were patented

Identified the active anti-HIV components in HCG preparations

Held many patents in United States of America

LINKS

<https://www.lihs.cuhk.edu.hk/en-us/research/investigators/kunghsiangfu.aspx>

Hugh Kenneth Munro

April 3, 2024

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

Hugh Kenneth Munro, South African entomologist (Pretoria 01 July 1894 – 1973)

World authority on fruit flies

Described about 100 new Diptera genera

HONORS (Diptera)

Munromyia Bezzi 1922

Munroella Bezzi 1924

Hugo de Souza Lopes

March 6, 2024

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

Hugo de Souza Lopes, Brazilian entomologist and malacologist (Rio de Janeiro 05 January 1909 – Rio de Janeiro 10 May 1991)

Regarded as world expert on Diptera Sarcophagidae

With H. Cintra developed an apparatus for measuring shells of Gastropod mollusks (1952)

Authored over 200 works

DESCRIBED NEW TAXA

Diptera

Genera/Subgenera

Aulacophytoides 1978

Austrophyto 1990

Baranovisca 1985

Bezziola 1958

Bezzisca 1975

Boettcherimima 1950

Boettcheriodes 1988

Borgmeierisca 1972

Carchia 1982

Carranca 1988

Chamayamyia 1969

Chilopodomyia 1984 with Tibana

Cuzcomyia 1982

Duckemyia 1969 with Kano

Emdenimyia 1946

Encelimyia 1969

Engelimyia 1975

Fergusonimyia 1958

Fijimyia 1971 with Kano

Geijskesia 1945

Gressittomyia 1985 with Kano

Hallimyia 1979

Hallina 1975

Halliosca 1975

Hardyella 1959

Helicobiomima 1985 with Tibana

Johnsonimima 1971 with Kano

Johnstonimyia 1959

Jujuyia 1980

Kuschelomyia 1961

Malacophagomyia 1966

Mallochisca 1982

Mindanaoa 1979 with Kano

Neorhinomotora 1934

Notochaetisca 1973

Pacatuba 1975

Pachygraphomima 1980

Parkerimyia 1969 with Kano

Penaisca 1982

Pessoamyia 1938

Petriana 1946

Phagita 1941

Retrocitomyia 1982

Rhinotoroides 1934

Robackina 1975

Sarconeiva 1940

Sarconesiomima 1955 with Albuquerque

Sarconesisca 1982 with Albuquerque

Schizoceratomyia 1947 with Carrera

Shannomyiella 1938

Sinopiella 1982 with Tibana

Tapacura 1985 with Tibana

Taylorimyia 1959

Thomazomyia 1976

Torgopampa 1975

Townsendisca 1973

Travassosisca 1992

Travassomyia 1935

Vervisca 1990

Weyrauchimyia 1969

Wulpisca 1978

Xenoppina 1975

Species

About 500

Mollusca

Species

Solariella carvalhoi 1958 with Cardoso

Mokumea albovitata 1965 with Coelho & Cardoso

HONORS (all Diptera except one)

Lopesianus Weyrauch 1958 (Mollusca Gastropoda)

Austrolopesia Kolesik 1999

Lopescladius Oliveira 1967

Lopesiodinia Pires do Prado 1973

Souzalopesiella Guimarães 1977

Souzalopesmyia Albuquerque 1951

Hugo Iván Moyano

April 3, 2024

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

Hugo Ivan Moyano Gonzalez, Chilean marine zoologist (Temuco 14 August 1939 – Concepción 30 October 2014)

Authored over 85 scientific works

DESCRIBED BRYOZOA TAXA

Families

Cellarinellidae 1970

Polliciporidae 2000

Genera

Antarctothoa 1987

Auistrothoa 1987

Cellarinelloides 1970

Dakariella 1968

Dendroperistoma 1985

Figularia 1991

Flustrapora 1970

Hippoflustra 1972

Klugeflustra 1972

Klugerella 1972

Larvapor 1970

Metastomatopora 1991

Nematoflustra 1991

Neothoa 1987

Orthoporidroides 1974

Paracellaria 1969

Parafigularia 1984

Pollicipora 2000

Peristomatopora 1991

Serratiflustra 1972

Tetrastomatopora 1991

Trilaminopora 1970

Xenoflustra 2011

Species

At least 105 (until 2008)

Hyam Isaacs

February 29, 2024

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

Hyam Isaacs, South African neurologist (1927 – 11 May 2003)

Recognized as international authority on myotonia, the muscle/nerve motor plate and hyperpyrexia under anaesthesia

Described Isaacs-Mertens syndrome or neuromiotonia

A syndrome of continuous muscle-fiber activity. J. Neurol. Neurosurg. 24:319-25, 1961

SOME BIBLIOGRAPHY

With M.E. Badenhorst. False-negative results with muscle caffeine halothane contracture testing for malignant hyperthermia. Anesthes. 79:5-9, 1993

With M.E. Badenhorst. Dominantly inherited malignant hyperthermia (MH) in the King-Denborough syndrome. Muscle Nerve 15:740-2, 1992

With M.E. Badenhorst & C. du Sautoy. Myophosphorylase B deficiency and malignant hyperthermia. Muscle Nerve 12:203-5, 1989

Stiffman syndrome in a black girl. J. Neurol. Neurosurg. Psychiatry 42:988-94, 1979

With J.J.A. Heffron. Malignant hyperthermia syndrome: evidence for denervation change in human skeletal muscle. Klin. Woch. 54:865, 1976

With J.J. A. Heffron. Morphological and biochemical defects in the muscles of human carriers of the malignant syndrome. Br.J. Anaesthes. 47:475, 1975

With J.J.A. Heffron & M. Badenhorst. Central core disease: a correlated genetic histochemical, ultramicroscopic and biochemical study. J. Neurol. Neurosurg. Psychiatry 38(12):1177, 1975

With G. Muncke. Idiopathic cardiomyopathy and skeletal abnormality. Am. Heart J. 90:767-73, 1975

With M.B. Barlow. Central core disease associated with elevated creatine phosphokinase levels: two members of a family known to be susceptible to malignant hyperpyrexia. S. Afr. Med. J. 48:640-2, 1974

With J.J.A. Heffron. The syndrome of "continuous-muscle-fibre activity" cured: further studies. J. Neurol. Neurosurg. Psychiatry 37(11):123-5, 1974

With M.B. Barlow. Malignant hyperpyrexia. J. Neurol. Neurosurg. Psychiatry 36(2):228-47, 1973

With M.B. Barlow. Malignant hyperpyrexia during anaesthesia: possible association with subclinical myopathy. Br. Med. J. 1:275, 1970

Quantal squander. S. Afr. J. Lab. Clin. Med. 10:93-5, 1964

The treatment of myotonia congenita. S. Afr. Med. J. 33:984-6, 1959

Familial pes cavus, absent tendon jerks and extensive muscular atrophy. S. Afr. Med. J. 32:830-2, 1958

Ignacio Gonzalez Guzman

February 29, 2024

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

Ignacio Gonzalez Guzmán, Mexican hematologist and cytologist (Puruarán, Michoacán State 06 September 1898 – Ciudad de Mexico 03 May 1972)

Gained international recognition for his works on nucleolus

Authored over 170 works

Studied the nucleoli in normal and pathological conditions and in a number of animal species

Nucleoli der Lymphozyten. Arch. Latin. Amer. Card. Hemat. 9:73, 1939

Consideraciones acerca de la fisiología nucleolar. Rev. Soc. Mex. Hist. Nat. 1:75-85, 1940

Generalities of the nucleolar contents of some cells. Blood 3(2):57-65, 1948 (Suppl)

Contribution a la connaissance de l'appareil nucleolaire des cellules leucemiques. Sang 20:225-38, 1949

Discovered what later was known as RNA and explained its physiology

Un Nuevo síndrome ictero-anémico (1952) (A new ictero-anemic syndrome)

Developed, modified and improved techniques for cytological research

Una tabla para calculo rapido del numero de globulos rojos por mmc de sangre. Medicina 2:262, 1922

Una tabla para calculo rapido de los leucocitos por mmc de sangre. Medicina 2:285, 1922

Una tabla para calculo rapido de las plaquitas sanguineas por mmc de sangre. Medicina 2:286, 1922

Nueva constante leucocitaria. La imagen nucleolar linfocítica. Soc. Mex. Biol. 5:259, 1925

Sobre algunas modificaciones a mi técnica para la enumeración de las diversas especies leucocitarias en la cámara cuenta glóbulos. Rev. Mex. Biol. 5:281, 1925

Una técnica para el estudio de nucleolos en frescos en los tumores cancerosos. Rev. Med. Hosp. General 2:186, 1927

Una técnica para colorear nucleolos en cortes de piezas incluidas en parafina. Medicina 13:39, 1933

La riqueza nucleolar de una célula y la manera de determinarla. Rev. Mex. Biol. 14: 207, 1934

Las maneras de valorar el contenido nucleolar de una célula. Rev. Mex. Biol. 17:85-101, 1935

Una nueva técnica para el estudio nucleolar de la sangre. Arch. Latino Am. Cardiol. Hemat. 11:63-8, 1941

Una nueva técnica para la coloración de los frotis de sangre o de médula esternal (1943)

Nota sobre un sencillo procedimiento para el estudio del aparato nucleolar de las células de los derrames serofibrinosos

HONORS

Doctor Honoris Causa, Université de Paris and Chicago University

Ihsan U. Khand

March 2, 2024

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

Ihsan Ullah Khand, Pakistani organic chemist (1935 – January 1980)

Discovered Pauson-Khand cyclization reaction

With G.R. Knox, P.L. Pauson & W.E.J. Watts. A cobalt induced cleavage reaction and a new series of arene cobalt-carbonyl complexes. J. Chem. Soc. Chem. Commun. 36, 1971

With G.R. Knox, P.L. Pauson, W.E.J. Watts & M.I. Foreman. Organocobalt Complexes. Part 1. Arene Complexes derived from Dodecacarbonyltetracobalt. J. Chem.Soc. Perkin Trans. 1(9): 977-81, 1973

Ik Soo Kim

March 2, 2024

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

Ik Soo Kim, South Korean ichthyologist (1942 –

DESCRIBED PISCES TAXA

Genus

Koreocobitis 1997 with Park & Nalbant

Species

Acentrogobius pellidebilis 1992 with Lee

Acheilognathus majusculus 1998 with Yang

Cobitis brevifasciata 1995 with Lee

Cobitis choii 1984 with Son

Cobitis hankugensis 2003 with Park, Son & Nalbant

Cobitis koreensis 1975

Cobitis longicarpus 1976 with Choi & Nalbant

Cobitis pacifica 1999 with Park & Nalbant

Cobitis pumila 1987 with Lee

Cobitis tetralineata 1999 with Park & Nalbant

Iksookimia yongdongensis 1997 with Park

Koreocobitis naktongensis 1997 with Park & Nalbant

Liobagrus obesus 1987 with Son & Choo

Microphysogobio jeoni 1999 with Yang

Nipponocypris koreanus 2005 with Oh & Hosoya

Sebastes koreanus 1994 with Lee

Tanakia koreensis 1990 with Kim

Tanakia somjinensis 1991 with Kim

HONORS

Iksookimia Nalbant 1993 (Pisces)

Imre Lajos Gridi Papp

February 29, 2024

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

Imre Lajos Gridi-Papp, Turkish-born Brazilian plant geneticist and breeder (Istanbul 18 October 1930 – Vinhedo, São Paulo State 16 June 2019)

From Hungarian parents

With E. Cia & E.P. Sabino. New cotton of interspecific origin. *Bragantia* (1975)

With C. Aranha & H.F. Leitão Filho. A new tetraploid species of the genus *Gossypium*. *Bragantia* (1969)

DEVELOPED COTTON VARIETIES

With P.A. Cavaleri, C.A.M. Ferraz, F.A. Correa et al. IAC 13-1 (1975)

With P.A. Cavaleri, E.J. Chiavegato, C.A.M. Ferraz, N.P. Sabino, J.I. Kondo, J. Soave, N. Bortoletto, E. Cia & M.G. Fuzatto. IAC 18(1985), IAC RM3, IAC RM4, IAC 16, IAC 17 (1984), IAC 19 (1991), IAC 22 & IAC 21 (2000)

METHODS

With J.I. Kondo, N.P. Sabino, M.G. Fuzatto & R.M.A. Gondim Tomas. A new equation for expressing cotton fiber maturity determined by the Fibrograph model 430 method (1995)

With J.I. Kondo, N.P. Sabino & M.G. Fuzatto. Intrinsic fiber strength of cotton estimated through correction of the Pressley index. *Bragantia* (1984)

In Kyu Lee

March 6, 2024

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

In Kyu Lee, South Korean phycologist (01 April 1936 –

DESCRIBED ALGAE GENERA

Binghamiopsis 1981 with West and Hommersand (Rhodophyta)

Dasyisiphonia 1980 with West (Rhodophyta)

Gloeophycus 1979 with Yoo (Rhodophyta)

Neohalosaccicolax 1978 with Kurogi (Rhodophyta)

Neoleptonema 2002 with E.Y. Lee (Phaeophyta)

Neosiphonia 1999 with M.S. Kim (Rhodophyta)

Sinkoraena 1997 with Lee, Lewis & Kraft (Rhodophyta)

Umbraulva 2001 with E.H. Bae (Chlorophyta)

HONORS

Inkyuleea Choi, Kraft & Saunders 2000 (Rhodophyta)

INDIA

February 29, 2024

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

Vinod Kumar Gaur, Indian seismologist and geophysicist (Varanasi, Uttar Pradesh State 11 July 1936 –

Discovered host rock effect in the electromagnetic response of subsurface geological conductors or geoelectromagnetics (1959)

First to use global positioning system in geodesy

HONOURS

Flinn Award, American Geophysical Union (2000)

Harnam Singh Hans, Indian nuclear physicist (Multan District, Punjab State 21 November 1922 – 19 March 2014)

Studied reactions data at 14.8 MeV neutron energy which gave an insight into pre-equilibrium for the first time in the literature

First to propose the 696.2 KeV level to be Coulomb excited

Kusum Kanta, Indian botanist

Achieved the first intra-ovarian pollination

Intra-ovarian pollination in *Papaver rhoeas* L. Nature 188:683-4, 1960

Performed the first experiment of direct pollination of ovules with formation of viable cells in vitro

With N.S. Rangaswamy & P. Maheshwari. Test tube fertilization in a flowering plant. Nature 194:1214-7, 1962

Munshi Murdan Ali, Indian botanist (19th century)

He was keeper of the Saharanpur Botanic Garden

HONORS

Murdannia Royle 1840 (Commelinaceae)

Raghubir Prasad, Indian mycologist and plant pathologist (Chandausi, Uttar Pradesh 11 December 1907 – Delhi 17 February 1992)

Authored over 150 research papers

Discovered *Alternaria* blight of wheat

Described life cycle of flax rust (*Melampsora lini*)

With B.S. Mehrotra described 6 new fungi species

Ismail Saleh Hilmy

February 29, 2024

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

Ismail Saleh Hilmy, Egyptian parasitologist and helminthologist (fl.1916-54)

DESCRIBED HELMINTHES TAXA

Genera

Jardugia 1929 with Southwell

Solenorchis 1949

Species

Baerietta janicki 1936

Cyclorchida fuhrmanni 1936

Hilmylepis nagaty 1936

Hymenolepis cholodkovskii 1936

Jardugia paradoxa 1929 with Southwell

Ophiotaenia meggitti 1936

Ophiotaenia nybelini 1936

Paruterina southwelli 1936

Patagifer skrjabinii 1949

Phyllobothrium microsomum 1929 with Southwell

Raillietina khalili 1936

Raillietina vogeli 1936

Solenorchis baeri 1949

Solenorchis gohari 1949

Solenorchis naguibmahfouzi 1949

Solenorchis travassosi 1949

Staphylocystis fuelleborni 1936

Staphylocystis loosi 1936

Stomylotrema ali-ibrahimi 1949

Vampirelepis fulleborni 1936

Vampirelepis khalii 1936

HONORS

Hilmylepis Skrjabin & Mathevossian 1942 (Cestoda)

Ivan Antonio Izquierdo

February 29, 2024

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

Ivan Antonio Izquierdo Gobic, Argentine-born Brazilian neurobiochemist (Buenos Aires 16 September 1937 – Porto Alegre 09 February 2021)

Son of Croatian mother

ACHIEVEMENTS

Internationally respected as world leader in memory physiology

Pioneer on research about endogenous opioids

Discovered neurohumoral (β -endorfine & benzodiazepinics) and hormone mechanisms that regulates formation, evocation, persistence and extinction of memory

Obtained the memory solidification map

Determined the cascade of biochemical events in hippocampus and in other brain structures required to memories formation

Discovered functional, anatomical and molecular separation between short term and long term memories (1998) and the endogenous state dependence as a key regulator in memory and brain functioning

Discovered the key role of neurotrophic factors and ubiquitine/proteasome system in hippocampus for memory formation (2001-6)

With J. Medina, M. Cammarota, J. Rossato & B. Bevilacqua discovered brain mechanism via dopamine that controls the persistence of recollections in the memory (2009)

With J. Miskiwi & C. Furini discovered a hippocampal mechanism that causes fear memory extinction (2014)

Authored with J.H. Medina. Memory formation: the sequence of biochemical events in the hippocampus and its connection to activity in other brain structures. *Neurobiol. Learn. Memory* 68(3):285–316, 1997 (with over 1,000 citations)

With D.M. Barros, T. Mello e Souza, M.M. de Souza, L.A. Izquierdo & J.H. Medina. Mechanisms for memory types differ, *Nature* 393:635–6, 1998

Held over 25,000 citations

HONOURS

UNESCO – Equatorial Guinea International Prize for Research in Life Sciences (2017)

Iván Goñi Moreno

February 29, 2024

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

Iván Goñi Moreno, Argentine surgeon (Paris, France 30 January 1905 – 1976)

ACHIEVEMENTS

Introduced a surgical treatment for ductus arteriosus (1937)

Introduced progressive preoperative pneumoperitoneum for repair of large hernias (1940)

Chronic eventrations and large hernias: preoperative treatment by progressive pneumoperitoneum – original procedure. Surgery 22:945-53, 1947

Developed a device for operative cholangiography

Dispositivo para colangiografía operatoria después de la coledocotomía. Bol. Trab. Acad. Arg. Cir. 30:142, 1946

Developed Goñi Moreno partial cyst pericistectomy

Técnica quirúrgica de los quistes hidáticos de pulmón. Arch. Int. Hidat. 5:197, 1948

Operative Cholangiography following Choledochotomy. Am. J. Surgery 79:436-8, 1950

A new bayonet clamp for high gastric resection. JAMA 145:863, 1951.

Goñi Moreno endoprosthesis

With J.A. Gil-Marino. Intubación en el cancer inoperable del esófago. Bol. Soc. Cir. Bs. Aires 40:300, 1956

A technique of esogastric and esojunal anastomosis in a single perforating plane

Simple, rápida y segura anastomosis esogastrica y esoyeyunal en un solo plano perforante. Acad. Peruana Cirugía 13(2):86-7, 1960

Invented a bow for cervical surgeries

EPONYMY

Goñi-Moreno prosthesis for treatment of esophagus cancer

Goñi-Moreno paradoxical curve

Goñi-Moreno “ramollissement des flancs” sign

Ivan Mota Albuquerque

April 3, 2024

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

Ivan da Mota e Albuquerque, Brazilian immunologist (Recife 09 October 1920 – São Paulo 25 September 2014)

Authored at least 132 papers

ACHIEVEMENTS

Demonstrated that granulations of mast cells store histamine

With L.C.U. Junqueira, W.T. Beraldo & R.G. Ferri. Intracellular distribution of histamine. *Nature* 174:698-9, 1954

With L.C.U. Junqueira, W.T. Beraldo & A.G. Ferri. Action of peptone on mastcells of the dog. *Nature* 173:547, 1954

Possibly the first demonstration of apparent abundance of RNA in retinal cones and rods

With M.Rabinovitch & S. Yoneda. Note on the histochemical localization of glycogen and pentose polynucleotides in the visual cells of the chick (*Gallus gallus*). *Quart. J. Micr. Science* 95(1):5, 1954

Described antigen-induced mast cell degranulation in vitro (1956) and in vivo

With I. Vugman. Effect of anaphylactic shock and compound 48-80 on the mast cells of the guinea-pig lung. *Nature* 177:427-9, 1956

Concluded that mast cells have antibodies fixed on them

With W. Dias da Silva. Antigen-induced damage to isolated sensitized cells. *Nature* 186:245-6, 1960

With W. Dias da Silva demonstrated that in low concentration of anti-histamine substances inhibit their release by mast cells and in high concentration occur the inverse (1960)

With W. Dias da Silva showed that anaphylactic antibodies perform reactions only after binding to surface receptors on mast cells

Discovered IgE antibodies before Ishizaka

Suggested the existence of mast cell sensitizing antibody

Mast cell lytic antibodies. *Nature* 192:1201, 1961

Characterized the mast cell sensitizing antibody

Biological characterization of mast cell sensitizing antibodies. *Life sciences* 1:465-74, 1963

First obtained the induction of an antibody able to sensitize mast cells

The mechanism of anaphylaxis. I. Production and biological properties of mast cell sensitizing antibodies. *Immunol.* 7:681-99, 1963

With J.M. Peixoto. A skin-sensitizing and thermolabile antibody in the mouse. *Life Sciences* 5:1723-5, 1966

Demonstrated mast cells role in anaphylaxis and other IgE-dependent phenomena

First to identify the biological activity and properties of IgE and IgG1 antibodies

Obtained a new rattlesnake antivenin serum (1999)

With O. Bier, W. Dias da Silva & N. Vaz, authored *Imunologia Básica e Aplicada* (Fundamentals of Immunology), translated to English and German (1973)

METHODS

A method for quantitative estimation of mast cells in the bone marrow of the rat. *Blood* 6:81, 1951

With S. Yoneda & I. Rabinovich. Plasmal reaction in the blood and haemopoietic organs. *Proc. Soc. exper. Biol. Med.* 81:338, 1952

Developed Braga-Mota method

With F. Braga. Homologous passive cutaneous anaphylaxis (PCA) in mice and heterologous PCA induced in rats with mouse IgE. *Immunol.* 30:655-57, 1976

With I. Fernandes, F. Gourmont, D. Latinne et al. A rapid and efficient purification method for horse IgG(T) using a rat monoclonal antibody. *Braz. J. Med. Biol. Research* 27:2599-06, 1994

HONOURS

Visiting Professor, Department of Medicine, School of Medicine, Georgetown University, United States

Honorary Research Assistant, University College of London (1957-8)

Ivanissevich family

February 29, 2024

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

Oscar Ivanissevich Defilippis, Argentine physician and diplomat (Buenos Aires 05 August 1895 – Buenos Aires 06 June 1976)

From Croatian descent

Developed suprainguinal approach ligation of only the spermatic vein for cure of left scrotal varicocele known as Ivanissevich–Gregorini method

With H. Gregorini. Una nueva operación para curar el varicocele. Sem. Med. 25:575, 1918

Proposed retroperitoneal varicocele method

Varicocele. Rev. San. Militar 36:201, 1937

With José B. Velez Díez Canseco & Carlos I. Rivas. Ginecomastia. Nueva técnica para su tratamiento quirúrgico. Bol. Inst. Clin. Quir. Univ. Buenos Aires 17:381, 1941

With J. Arce proposed surgical methods for hydatid cysts

With I. Prini, R.C. Ferrari & C. Rivas developed innovative techniques of plastic surgery

OFFICES

Minister of Education (1948–50; 1974–5)

EPONYMY

Ivanissevich–Ferrari minimal appendicular syndrome (1933)

Ivanissevich–Rivas notch sign (1945)

Ivanissevich–Ferrari double arc sign for diagnosis of lung hydatidosis (1938)

Lagos García–Segers–Ivanissevich's water-hyacinth sign for diagnosis of lung hydatidosis

Ivanissevich rhinoplasty

Ivanissevich maneuver for verifying blood reflux (first proposed by Key–Curling)

Ivanissevich technique for opening a parametric ascending abscess of iliac crest

His brother, Ludovico Ivanissevich Defilippis, civil engineer (14 February 1889 – August 1957)

With Enrique Butty patented an apparatus to track ellipses, parabolas and hyperboles (number 5375)

Son of Ludovico, Ludovico Ivanissevich Machado, hydraulic engineer (Buenos Aires 13 August 1927 –

CONTRIBUTIONS

Universal diagram for right hydraulic calculation of pipelines (Extension of Powell diagram) 1966

Pouring gate of automatic branching with constant net output (1970)

Mathematical model for irrigation and drainage networks (1971)

Formulae for calculating abrasion bounds in rocky and granular beds (1980)

Sunken springboard theory of simple launching (1981)

Mathematical model for studying bed abrasions and cofferdams stability during river deviation (1985)

J. Joseph

March 1, 2024

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

J. Joseph, Indian botanist (1928 – 2000)

DESCRIBED PLANTAE SPECIES

Decalepis arayalpathra 1978 with Chandras.

Eria brevilinguis 1976 with Chandras.

Eulophia hirsuta 1978 with Vajr.

Evrardianthe asraoa 1985 with Abbar.

Humboldtia trijuga

Jejosephia pusilla with Deka

Oberonia anamalayana 1964

Oberonia seidenfadeniana 1974 with Vajr.

Oreogrammitis pilifera 1980 wit Ravi

Pennilabium proboscidium 1969 with A.S. Rao

Pinalia connata 1982 with Abbar. & Hedge

Polypleurum filifolium 1965 with Ramam.

Thrixspermum musciflorum with A.S. Rao

Tricarpelema glanduliferum 1969 with Rao

Utricularia khasiana 1985 with Mani

Utricularia tayloriana 1982 with Mani

Wallichia triandra 1976

HONORS

Jejosephia A.N. Rao & K.J. Mani 1986 (Orchidaceae)

Jacques Edouard Joseph Martini

April 3, 2024

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

Jacques Edouard Joseph Martini, Swiss-born South African geologist and mineralogist (1936-

DESCRIBED NEW MINERAL SPECIES

Sasaite, a new phosphate mineral from West Driefontein Cave, Transvaal, South Africa (1978)

Mbobomkulite, hydrombobomkulite and nickelalumite, new minerals from Mbobo Mkulu Cave, Eastern Transvaal. Ann. Geol. Surv. South Africa 14:1-11, 1980

Sveite, a new mineral from Autana Cave, Território Federal Amazonas, Venezuela. Trans. Geol. Surv. South Africa 83:239-41, 1980

Lonecreekite, sabieite and clairite, new secondary ammonium ferric-iron sulphates from Lone Creek Fall Cave, near Sabie, Eastern Transvaal. Ann. Geol. Surv. South Africa 17:29-34, 1983 (mineral clairite in honor to his wife Claire Zingg Martini (1936 -

Swaknoite $(\text{Ca}(\text{NH}_4)_2(\text{HPO}_4)_2 \cdot 2\text{H}_2\text{O})$, orthorhombic, a new mineral from Arnhem Cave, Namibia (1991)

Two new minerals originated from bat guano combustion in Arnhem Cave, Namibia (1994) (pyrophoshite and arnhemite)

Gwihabaite $(\text{NH}_4, \text{K})\text{NO}_3$, orthorhombic - a new mineral from Gwihaba Cave, Botswana (1996)

Pyrocoproite $(\text{Mg}(\text{K}, \text{Na})_2 \text{P}_2\text{O}_7)$, monoclinic, a new mineral from Arnhem Cave, (Namibia) derived from bat guano combustion (1997)

Jacques Huber

February 29, 2024

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

Jacques E. Huber, Swiss-born Brazilian botanist and phycologist (Schleitheim District, Schaffhausen Canton 13 October 1867 – Belém do Pará 18 February 1914)

DESCRIBED VALID PLANTAE GENERA

Browneopsis 1906

Chaetosiphon 1893 (Algae)

Euxylophora 1910

Gonatoblaste 1892 (Algae)

Humirianthera 1915

Nealchornea 1913

Sigmatanthus 1978

HONORS

Huberiella O'Kelly, Wisor, Bellows & Brown 2005 (Chlorophyceae)

Jacqueshuberia Ducke 1922 (Fabaceae)

Huberodendron Ducke 1935 (Bombacaceae)

Jae Won Kang

March 2, 2024

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

Jae Won Kang, South Korean phycologist (Sacheun 17 September 1926 – Pusan 02 May 1993)

SOME BIBLIOGRAPHY

Unrecorded species of marine algae in Korea. Bull. Pusan Fish. Coll. 1:33-45, 1956

The summer algal flora of Cheju Island (Quelpart Island) Bull. Pusan Fish. Coll. 3(1-2):17-23, 1960

With M. Noda. Notes on the marine algae of Woolyungdo Island in the Japan Sea. Bull. Jap. Soc. Phycol. 12:39-43, 1964

Marine algae of Ulreungdo Island in Japan Sea. Bull. Pusan Fish. Coll. 6:41-58, 1965

On the geographical distribution of marine algae in Korea. Bull. Pusan Fish. College 7(1-2):1-225, 1966

With C.H. Park. Marine algae of Dok-Do (Liancourt Rocks) in the Sea of Japan (1969)

With J.W. Lee. The marine algae of Goje-do area. Rep. KACN 14:93-101, 1978

With C.H. Sohn. Some crustose red algae in Korea. (1980)

With C.H. Sohn & C.W. Lee. The summer marine algal flora of Uido and Maeseom, Southwestern coast of Korea. Rep. KACN 16:95-107, 1980

With C.H. Sohn & C.W. Lee. Summer algal flora of Gogunsan Islands, Western coast of Korea. Rep. KACN 18:103-7, 1980

Some seaweed disease occurred at seaweed farms along the south-eastern coast of Korea (1981)

With C.B. Song. Notes on Some Unrecorded Marine Algae in Korea. Ocean Polar Res. 7(2), 1985

HONORS

Subgenus *Kangjaewonia* K.W. Nam 1999 (Rhodophyta)

Jaffe family

March 1, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Rudolf Jaffe, German-born Jewish Venezuelan anatomical pathologist (Berlin 14 October 1885 – Caracas 13 March 1975)

Authored 3 books and about 200 papers

Described a chronic myocarditis in tropical diseases such as bilharziosis and leishmaniasis (1944)

SOME BIBLIOGRAPHY

With C. Domínguez. On extramedullary leukocyte formation in the rat connective tissue. Frankf. Z. Pathol. 73:1-9, 1963

With C. Kozma. Organ-specific antibody formation and its demonstration by latex precipitation. Verh. Dtsch. Ges. Pathol. 46:185, 1962

On findings in cardiac ganglia in Chagas myocarditis. Klin. Wochenschr. 39:1083-4, 1961

With C. Kozma & W. Jaffe. Experimental study of the pathogenesis of myocarditis. Arq. Bras. Cardiol. 13:55-61, 1960

The bilharzian liver. Arq. Cir. Clin. Exp. 23:1-10, 1960

With C. Domínguez. Importancia del factor hipoavitaminosis B1 de la miocarditis alérgica experimental (1954)

With R. Ferro. El diagnóstico de la bilharzia en el material de autopsia. Rev. Policlin. Caracas 25:88, 1946

Apendicitis y apendicopatías: tentativa de una explicación y clasificación de las lesiones apendiculares. Rev. Sudam. Morfol. (1945)

Sobre la patogenia de la miocarditis. Rev. Minist. Saude As. Social (1943)

Sobre la patogenia de las lesiones anatómo-patológicas bilharzianas. Rev. Policlin. Caracas 50:3-321, 1940

Casos atípicos de enfermedad de Hodgkin (1938)

Lesiones intestinales producidas por la bilharziosis mansonii encontradas en Venezuela. Rev. Policlin. Caracas (1939)

With F. Pifano & M. Mayer. Estudios biológicos y anatomopatológicos en animales infestados con un solo sexo de *Schistosoma mansonii*.

His son, Werner Carl Günther Jaffe, German-born Venezuelan biochemist (Frankfurt 27 October 1914 – Caracas 03 May 2009)

Authored over 250 publications

Discovered independently the vitamin B12 as a new nutritional factor (1946) and purified it with Elvehjem (1947)

With C.A. Elvehjem. Fractionation of growth-stimulation factor in liver. J. Biol. Chem. 169(2):287-93, 1947

NEW SUBSTANCES

Obtained new plant proteins

Isolated phaseolotoxin a toxic lectin

With K. Gaede. Purification of a toxic phytohemagglutinin from black kidney beans (*Phaseolus vulgaris*). Nature 183:1329, 1959

With Dinah Sharon de Seidl isolated and characterized distinct groups of black beans hemagglutinins

Discovered hurain, a new plant protease from *Hura crepitans* (1943)

With D.S. de Seidl described crepitin (1969)

With D. Seidl & M. Jaffé proposed the term globulin proteinase inhibitor

With O. Brucher & A. Palazzo. Detection of four types of specific phytohemagglutinins in different lines of beans (*Phaseolus vulgaris*). Z. Immunitätsforsch. Exp. Klin. Immunol. 142(5):439-47, 1971

A subtilisin inhibitor in bean seeds and leaves. Ann. Rep. Bean Improv. Coop. (1978)

OTHERS

Discovered the amino acid methionine as limiting essential aminoacid in plant proteins of legume seeds

Limiting essential aminoacids of some legume seeds. Proc. Soc. exp. Biol. Med. 71:398-9, 1949

Discovered the mitogenetic effect of Concanavaline A

With M. Weksler & A. Levy. Mitogenetic effects of extracts of *Canavalia ensiformis* and concanavalina A. Acta Cient. Venez. 19(4):154-6, 1967

Authored the paper Influence of cobalt on reproduction of mice and rats. Science 115 (2984): 265-, 1952

With F. Chavez J.. The possible use of sesame flour for human consumption. Arch. Latinoam. Nutr. 21(1):31-48, 1971

Proposed formulations for improving the wheat and maize flours

Elaborated an alternate to milk named Lactoviso

With M.J. Guerra, D. Gonzalez & M. Calderón. Formulation of a rice-based beverage of high nutritive value. Arch. Latinoam. Nutr. 31(2):337-49, 1981

Formulated Formula Lactea Materno Infantil (1980s)

METHODS/TECHNIQUES

With D. S. Seidl, E. Gonzalez & A. Callejas. Microelectrophoretic method for the detection of proteinase inhibitors. Anal. Biochem. 88:417-24, 1978

With J.F. Chavez, M.C. Mondragón & N. Di Geronimo. Método rápido para determinación de digestibilidad por el uso del óxido crómico en dietas de ratas. Arch. Latinoam. Nutric. 21:337-45, 1971

Una nueva modificación para la separación de azúcares por cromatografía sobre papel. Acta Cient. Venez. 12:135-6, 1961

With P. Budowski. Metodo rápido para determinar el contenido de aceite en la semilla de ajonjolí. Publ. Min. Agric. (1946)

A simple method for the approximate estimation of the isoelectric point of soluble proteins. J. Biol. Chem. 148: 185, 1943

LINKS

http://www.pb.usb.ve/profesores/werner_jaffe/publicaciones.html

Jagmohan Nath Kapoor

March 2, 2024

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

Jagmohan Nath Kapoor, Indian mycologist and plant pathologist (1930–

PLANT PATHOLOGY

With N. N. Khune. Phoma canker: a new disease of pigeonpea. PKV Res. Journal 5:101-2, 1981

With R.L. Munjal. Carica papaya: a new host of *Sphaerotheca fuliginea* (1973)

With G. Lall & R.L. Munjal. A new leaf spot disease of maize in India. Phytopathol. 16(2):240-1, 1963

DESCRIBED FUNGI TAXA

Valid Genus

Koorchalomella with Chona & Munjal 1958

Species

About 70

HONORS

Kapooria Reid & Booth 1989 (Fungi)

Jai Krishna

March 2, 2024

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

Jai Krishna, Indian structural engineer (Muzaffarnagar, Uttar Pradesh 27 January 1912 – Roorkee, Haridwar District, Uttarakhand State 27 September 1999)

Brought original ideas to design of earthquake resistant structures

Developed methods to strengthening buildings to earthquake resistance (adopted in India and abroad)

Designed and fabricated seismic instruments

Jai Pal Mittal

April 3, 2024

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

Jai Pal Mittal, Indian chemist (Meerut, Uttar Pradesh State 21 September 1940 –

Identified for the first time various transient species participating in multiphoton isotope specific reaction pathways in molecules

First to demonstrate the vibrational-vibration energy transfer in SF₆-UF₆ system

With L.V. Shastri, N.P.K. Krishnan & T.K.S. Murthy. Development of a photochemical route for upgrading Europium from aqueous lanthanide mixtures. Materials Science Forum 30:57-60, 1991

With L.C.T. Shoute. A new versatile system for matrix isolation and spectroscopic studies of cations at 77K: perfluoro-2-butyltetrahydrofuran. Spectrochim. Acta Part A Mol. Spectr. 45(8):863-7, 1989

With R. Mahadeva Iyer. A modified design of a high temperature argon beta-ray detector for gas chromatography. J. Chromat. A 11:404-5, 1963

Jaime Rafael Guiscafref

February 29, 2024

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

Jaime Rafael Guiscafref Arrillaga, Puerto Rican agronomist (Anasco 23 March 1911 – Miami, Florida July 1960)

His studies of coffee root development and the effects of solar radiation on the vegetative growth and yield of coffee are classical papers

With L.A. Gómez. Effect of solar radiation intensity on the vegetative growth and yield of coffee. Jour. Agr. Univ. Puerto Rico 26(4):73-90, 1942

With J.A. Cordón & S. Castellanos. Planting coffee in the sun in self-shaded hedges. Circ. Agr. Centro Nac. Agron. El Salvador 71 (1955)

Sombra o sol para el cafeto? El café de El Salvador 308-9:320-64, 1957

Sombra, sol y riego: condiciones generales prevalecientes en las areas de cultivo de café em el mundo. Revista del Café 15(2):7-8, 1959

Developed a new method for the study of the root system of coffee

With L.A. Gómez. Studies of the root system of Coffea arabica. L. Part I. Environmental condition affecting the distribution of coffee roots in Coloso clay. J. Agric. Univ. Puerto Rico 22(2):227-62, 1938

Described *Cephalosporium omnivorus*, a new fungal species causing diseases in coffe and citrus

With B.S. Crandall. Dos enfermedades producidas por *Cephalosporium* en café y en citrus en El Salvador (1955)

Described the main symptoms of the brown rot fungus on citrus and developed a method for inducing the production of sporangia by *Phytophthora citrophthora*

The brown rot fungus in Puerto Rico. J. Dept. Agric. Puerto Rico (1932)

SOME BIBLIOGRAPHY

The nature of the inhibition between parasitic fungi (1934)

Formation of galls in stems and leaves of sugar cane in response to injections of growth regulating substances. Phytopathology 39:489-93, 1949

James William Kitching

March 2, 2024

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

James William Kitching, South African paleontologist (Graaff-Reinet, Eastern Cape Province 06 February 1922 – Johannesburg 24 December 2003)

Respected as the best fossil hunter of the world

Collected and identified thousands of fossil specimens

DESCRIBED FOSSIL GENERA

Reptilia

Alopecorhynchus 1953 with Brink

Aloposauroides 1953 with Brink

Antetonitrus 2003 with Yates

Australochelys 1994 with Gaffney

Broomicephalus 1953 with Brink

Bullacephalus 2003 with Rubidge

Cystecinodon 1953 with Brink

Cyniscopoides 1953 with Brink

Dracocephalus 1953 with Brink

Gomphodontoides 1953 with Brink

Inusitatodon 1953 with Brink

Lumkuia 2001 with Hopson

Pedaeosaurus 1981 with Colbert

Proalopeccopsis 1951 with Brink

Rhigosaurus 1981 with Colbert

Sycocephalus 1953 with Brink

Amphibia

Eolydekkerina 1996 with Shishkin & Rubidge

Laidleria 1958

Vanastega 2003 with Damiani

Mammalia

Brachygnathopithecus 1952

Gigantohyrax 1965

HONORS (Fossil Reptilia)

Kitchinganomodon Maisch 2002

Kitchingnathus Cisneros 2008

Kombuisia Hotton 1974

Jan Willem Boudewijn Gunning

February 29, 2024

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

Jan Willem Boudewijn Gunning, Dutch-born South African ornithologist (Hilversum, North Holland Province 03 September 1860 – Pretoria 26 June 1913)

DESCRIBED VALID AVES TAXA

Species

Anthreptes reichenowi 1909

Monticola pretoriae 1911 with Roberts

Subspecies

Anthreptes reichenowi reichenowi 1909

Apalis thoracica flaviventris 1911 with Roberts

Apalis thoracica rhodesiae 1911 with Roberts

Apalis thoracica spelonkensis 1911 with Roberts

Apalis thoracica darglensis 1911 with Roberts

Falco chicquera horsbrughii 1911 with Roberts

Francolinus afer castaneiventer 1911 with Roberts

Phyllastrephus terrestris intermedius 1911 with Roberts

Jaswant Singh Kanwar

March 2, 2024

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

Jaswant Singh Kanwar, Indian pedologist and agricultural chemist (Khera Kalmot, Hoshiarpur, Punjab 10 December 1922 – 01 March 2019)

Authored over 300 publications

Identified deficiency of zinc and iron in citrus and other crops and the toxicity of boron in saline-alkali soils

SOME BIBLIOGRAPHY

With J.S. Brar. Chemical characteristics of soil as affected by long-term application of fertilizers under mango cultivation. J. Res. Punjab Agric. University 23:201-8, 1986

With T.J. Rego & N. Seetharama. Fertilizer and water use efficiency in pearl-millet and sorghum in vertisols and alfisols of semi-arid India. Fert. News 29:42-52, 1984

With T.J. Rego. Fertilizer use and watershed management in rainfed areas for increasing crop production. Fertilizer News 28:33-43, 1983

With J. Kampen & S.M. Virmani. Management of vertisols for maximizing crop production – ICRISAT experience (1982)

With B.S. Kanwar. Effect of residual sodium carbonate in irrigation waters on plant and soil. Indian J. Agric. Sci. 41:54-66, 1974

Balanced fertilizer use for maximizing returns from wheat on cultivator's fields. Fertil. News 17(11), 1972

Crop characteristics in relation to fertilizer use. Bull. Ind. Soc. Soil Sciences 8:115-9, 1970

With J.L. Sehgal & D.R. Bhumbra. Relationship between some indices of salinme sodic soils. J. Ind. Soc. Soil Sci. 11:39-44, 1963

With R. Deo. Potassium and magnesium in irrigation water and their effects on the physico-chemical properties of soil. Indian Soc. Soil Sci. 17:217-26, 1969

With J.S. Grewal. Behaviour of ammonium fertilizers in soil. Res. Ludhiana. 3:345-9, 1966

With S.L. Chopra. Availability of sulphur in sandy loam soils of Ludhiana. Ind. J. Agric. Sci. 36:278-84, 1966

With J.S. Grewal. Relationship between forms of soil potassium and particle size (1966)

With D.R. Bhumbra & N.T. Singh. Studies on the reclamation of saline and sodic soils in the Punjab. Ind. J. Agric. Sci. 35:43-51, 1965

Quality of irrigation water as an index of its suitability for irrigation purposes. Potash Rev. 18:1-13, 1961

Reclaiming deteriorated soils. Fertil. News 6(2):19-21, 1961

Phosphate extraction from soils using sodium versenate. Aust. Conf. Soil Sci. Adelaide 1(2):14, 1958

Influence of organic matter on copper fixation in soil. Indian Soc. Soil Sci. 2:73-80, 1954

With S.D. Nijhawan. Physiochemical properties of earthworm casting and their effect on the productivity of soil. Indian J. Agric. (1952)

HONOURS

Honorary Member, International Union of Soil Sciences (1990)

Javier Maldonado Ocampo

April 3, 2024

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

Javier Alejandro Maldonado Ocampo, Colombian ichthyologist (Ubaté, Ubaté Province, Cundinamarca Department 06 February 1977 – Vaupés River, Vaupés Department 02 March 2019)

DESCRIBED VALID PISCES TAXA

Genus

Akawaio 2014 with López Fernandez, Taphorn, Bernard, Crampton & Lovejoy

Species

Akawaio penak 2014 with López Fernandez, Taphorn, Bernard, Crampton & Lovejoy

Apteronotus eschmeyer 2004 with Santana, Severi & Mendes

Apteronotus galvisi 2007 with Santana & Crampton

Apteronotus milesi 2005 with Santana

Chaetostoma joropo 2016 with Ballén & Urbano-Bonilla

Eigenmannia camposi 2020 with Herrera Collazos, Galindo Cuervo & Rincón Sandoval

Eigenmannia magoi 2020 with Herrera Collazos, Galindo Cuervo & Rincón Sandoval

Eigenmannia zenuensis 2020 with Herrera Collazos, Galindo Cuervo & Rincón Sandoval

Gymnotus ardilai 2004 with Albert

Gymnotus choco 2003 with Albert & Crampton

Gymnotus henni 2003 with Albert & Crampton

Hemibrycon iqueima 2018 with Garcia Melo, Albornoz Garzón, Garcia Melo & Villa Navarro

Imparfinis timana 2011 with Ortega Lara, Milani, doNascimento & Villa Navarro

Imparfinis usmai 2011 with Ortega Lara, Milani, doNascimento & Villa Navarro

Jayme de Loyola e Silva

March 6, 2024

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

Jayme de Loyola e Silva, Brazilian carcinologist (Curitiba 01 October 1927 – Paraná 20 January 2017)

DESCRIBED CRUSTACEA SPECIES

Clanella castroi 1960

Cymodoce bentonica 1962

Cymodocella guarapariensis 1965

Cymothoa catarinensis 2003 with Thatcher, Jost & Souza Conceição

Dynamenella tropica 1960

Dynoides brasiliensis 1960

Hexapanopeus heblingi 1998 with Rodrigues

Parasthenocaris brasilibathynella 1962 with Jakobi

Parasthenocaris hurdi 1962 with Jakobi

Pseudosphaeroma jakobii 1959

Spheramene flausinae 1966

Sphaeromopsis mourei 1960

HONORS

Subgenus *Loyolanthidium* Urban 2001 (Hymenoptera)

Jenaro Maldonado Capriles

April 3, 2024

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

Jenaro Maldonado Capriles, Puerto Rican entomologist (Yauco 17 January 1919 – San Antonio, Texas 22 November 1995)

Respected as World authority on Miridae and Reduviidae (Hemiptera)

Authored over 150 papers

With J.A. Santiago-Blay. A new structure on the hind legs of male *Monalocoris carioca* Carvalho & Gomez (Heteroptera: Miridae). J. New York Entomol. Soc. 97:479-82, 1990

DESCRIBED HEMIPTERA GENERA

Abelocephala 1996

Adchunroides 1977

Aglaocoris 1955 with Drake

Aguayomiris 1987

Angusticella 1972

Anidiocerus 1976

Apicrenus 1993 with Santiago-Blay & Poinar (Fossil)

Balcanocerus 1971

Belosternella 1996 with Van Doesburg

Bicuspidatiella 1969

Buninotus 1981

Busoniomimus 1977

Carmenula 1992 (in honor to his wife Carmen)

Corymbonotus 1977

Cryptophysoderes 1972 with Wygodzinsky

Derophthalmoides 1987

Dolichopsцерus 1985

Englemania 1976

Gressittocerus 1985

Hyalocerus 1977

Krameraxus 1968

Luteobalmus 1977

Myrmecomiris 1976

Nannicerus 1977

Neoidioscopus 1992 with Huang

Oiovelia 1952 with Drake

Orbella 1987

Paleoploiariola 1993 with Santiago-Blay & Poinar (Fossil)

Parachunroides 1977

Paraidioscopus 1964

Paralienates 1996 with Santiago-Blay & Poinar (Fossil)

Parapycnoderes 1973

Philipposcopus 1972

Platybasicornis 1971

Pseudoghiliana 1992

Pseudoidioscopus 1977

Rotundicerus 1977

Sinnamarynus 1996 with Berenger

Stomatomiris 1995 with Poinar (Fossil)

Taiwanocerus 1992 with Huang

Tomopennis 1984

HONORS (Hemiptera)

Maldonadora Webb 1983
Maldonadocoris Zhao, Yuan & Cai 2006
Caprilesia Gil-Santana, Marques & Costa 2006

Jesus García Alvarado

February 29, 2024

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

Jesus García Alvarado, Peruvian microbiologist (20th Century)

Honored in genus *Garciamyxa* Skvortzov 1972 (Xanthophyceae)

Jesus Santiago Moure

April 3, 2024

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

Jesus Santiago Moure, Brazilian entomologist and Catholic father (Ribeirão Preto, São Paulo State 02 November 1912 – Batatais, São Paulo State 10 July 2010)

From Spanish parents

Authored over 220 papers

Regarded as world's leading expert on Neotropical bees

A device for exposing tergal and sterna structure in bees (Hymenoptera, Apoidea). J. Kansas Entom. Soc. 29(2):83-4, 1956

DESCRIBED HYMENOPTERA TAXA

17 families, subfamilies, tribes and other upper taxonomical hierarchies

218 genera and subgenera (158 valid)

484 species and subspecies (417 valid)

HONORS

Mourecoris Carvalho 1998 (Hemiptera)

Moureana Zajciw 1967 (Coleoptera)

Mourecochylis Razowski & Becker 1983 (Lepidoptera)

Mourephonte Jakobi 1953 (Crustacea)

Moureanthidium Urban 1995 (Hymenoptera)

Moureisca DeSantis, Urban & Graf 1973 (Hymenoptera)

Mourecotelles Toro & Cabezas 1977 (Hymenoptera)

Mourella Schwarz 1947 (Hymenoptera)

Santiago Urban 1989 (Hymenoptera)

Subgenus *Moureapis* Raw 2002 (Hymenoptera)

Jesus Villarosa Juario

March 1, 2024

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

Jesus Villarosa Juario, Philippine fisheries biologist (Carcar, Cebu Province 06 August 1942 –

Authored 40 papers and 16 technical reports

Described one genus (*Linhystera* 1974), one subgenus (*Nualaimus* 1974) and 12 new species of free-living nematodes while working for his doctoral degree at the Institute for Marine research in Bremerhaven, Germany (1972–4)

With other scientists from the Aquaculture Department of the Southeast Asian Fisheries Development Center (SEAFDEC AQD) developed the technique to capture and transport wild adult milkfish and rear them in captivity

With Hiralal Chaudhuri, he spawned for the first time wild adult milkfish in captivity (1977)

With Marietta N. Duray developed the technique to spawn milkfish (*Chanos chanos*), in captivity and later on the technique to spawn the siganid, *Siganus guttatus*, and the sea bass, *Lates calcarifer*, in captivity and rear the resulting larvae to metamorphosis. This formed as the basis for the development of the milkfish, siganid and seabass hatchery technology at SEAFDEC AQD (1977–86)

With Volker Storch (University of Heidelberg) developed a rapid technique of assessing the nutritional quality of feed/diets through electron microscopy (1982)

With V. Storch and H. Segner, he has shown for the first time through electron microscopy that milkfish larvae could not digest *Chlorella*, the phytoplankton commonly used at that time together with rotifers to rear milkfish larvae to metamorphosis

Developed a technique of producing milkfish fingerlings in ponds to be used as tuna baits (1986)

Developed a technique for the commercial production of marketable-sized grouper in cages, and for the live transport of grouper fingerlings and marketable-sized fish

LINKS

<http://spheres.dost.gov.ph/sci-profile.php?i=000761> See <http://spheres.dost.gov.ph/sci-profile.php?i=000761>.

Jiaxi Lu

March 6, 2024

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

Jiaxi Lu, Chinese chemist (Xiamen, Fujian Province 26 October 1915 – 06 April 2001)

Produced a structural model for the active center of nitrogenase (1973)

Performed important contributions to chemical modeling of biological nitrogen fixation

With E.W. Hughes determined the structure of hydrogen peroxide

Put forward the polarizing factor for processing angle

Determined trichosanthin spatial structure and established a molecular model for ribose coactivation

First to successfully prepare highly concentrated radioactive halogens for quantitative research

Devised Lu's diagram or map

Created Lp factor's reciprocal in Weissenberg angle of equi-inclination

Synthesized and characterized a number of cluster compounds of various types

Proposed the Unit Construction concept for rational synthesis of cluster compounds and the quasi-aromaticity concept for nuclear incomplete transition metal-clusters

Headed the group that developed a series of new high-tech crystal material as BBO and LBO crystals

Jisheng Han

February 29, 2024

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

Ji-sheng Han, Chinese neurophysiologist (Xiaoshan, Zhejiang Province 28 July 1928 –

Authored over 400 scientific papers

Discovered that serotonin (5-HT) and opioid peptides are the two main chemical substances mediating acupuncture analgesic effect

First to find the functional balance between opioid peptides and the anti-opioid peptides that determines the efficacy of acupuncture analgesia in different individuals

Discovered that the most important determination of acupuncture effect is the frequency of impulses transmitted along the nerve fibers from periphery to central nervous system

Invented Han's acupoint nerve stimulator (HANS) used to treat neurological disorders and pain

LINKS

<http://www.han-institute.com/founders/dr-ji-sheng-han/>

Jnanendra Nath Mukherjee

April 3, 2024

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

Jnanendra Nath Mukherjee, Indian chemist (Mahavdepur, Rajshahi District, today Bangladesh 23 April 1893 – 10 May 1983)

Internationally respected as a colloid chemist

Enunciated theory of the electro kinetic double layer and its ionic constitution (1919)

Performed important studies on soil colloids recognized in Europe

Developed and improved tools and techniques for studies of soil colloids

With N.C. Sen Gupta developed a simple rotary viscometer for the study of anomalous viscous properties (1942)

DEVELOPED METHODS

Developed technique for conductometric and electrometric titration of acid-sols

Boundary method for determination of the cataphoretic speed of colloidal particles

Sources of error in the measurement of the electrical charge of colloidal particles by the method of moving boundaries: an improved method based on a direct measurement of the potential gradient across the boundary. *Proc. Roy. Soc.* 103:102, 1928

With N.C. Sen Gupta. The velocity gradient method for the measurement of viscous properties of non-newtonian liquids. *Ind. J. Physics* 16:49-53, 1941

With N.C. Sen Gupta. Methods of measuring yield value, viscosity and thixotropy. *Ind. J. Physics* 16:54-65, 1941

With M.K. Indra. A method of differentiation of crude oils based on chromatography capillary analysis and fluorescence in UV light. *Nature* 154:734-5, 1944

Papers in Nature

Theory of soil acidity. *Nature* 110:739, 1922

The interaction between silica and electrolytes in relation to theories of soil acidity. *Nature* 115:157-8, 1925

With S.P. Raychaudhury. Critical potential in coagulation of colloids by electrolytes. *Nature* 122:608, 1928

With S.P. Raychaudhuri. Hydrolytic absorption by activated charcoal. *Nature* 128:412, 1931

With N.C. Sengupta. Formation of aggregates and structures in dilute solutions of hydrogen bentonites. *Nature* 145:1971, 1940

With R.P. Mitra. Differentiation of hydrogen clays and identification of their mineral constituents by electrochemical and viscous methods. *Nature* 154:824, 1944

With S.K. Mukherjee. Effect of hydrogen ion concentration on cation exchange in clay salts. *Nature* 155(3924):49, 1945

With B. Chatterjee. Electrochemical properties of silicic acid soil. *Nature* 155:85, 1953

SOME BIBLIOGRAPHY

The origin of the charge on a colloidal particle and its neutralization by electrolysis. *Trans. Faraday Soc.* 16:103-15, 1921

The adsorption of ions. *Phil. Mag.* 44:322, 1922

On the nature of the reactions responsible for soil acidity. Part I. On the titration curve of acid clay. *Indian J. Agric. Sc.* 1:189-203, 1931

Electrical properties of colloids. Part I. Explanation of activity and conductivity measurements in colloidal solutions. *Kolloid Z.* 62:257-68, 1933

With N.C. Sen Gupta. The viscous and electro-chemical properties of constituents of oil-well drilling muds. *Sci. Cult.* 6:368, 1940

With B. Chatterjee & P.C. Gaswanni. Limiting exchange of aluminum ions from hydrogen clays on the addition of neutral salts. *J. Ind. Chem. Soc.* 19:40-407, 1942

With R.P. Mitra. Electrochemical properties of clay minerals. *Jour. Phys. Chem.* 47:543-9, 1943

With N.C. Sen Gupta & M.K. Indra. Effect of concentration and pH on the viscous and electrochemical properties of hydrogen bentonites. *J. Phys. Chem.* 47(8):553-77, 1943

With R.P. Mitra. Some aspects of the electrochemistry of clays. *J. Colloid Sci.* 1(2):141-59, 1946

With B. Chatterjee & B.M. Banerjee. Liberation of hydrogen aluminum and ferric ions from hydrogen clays by neutral salts. *Jour. Colloid Sci.* 2:247-56, 1947

With B. Chatterjee & A. Ray. Liberation of H⁺, Al⁺⁺⁺ and Fe⁺⁺⁺ from pure clay minerals repeated salt treatment and desaturation. *J. Colloid Sci.* 3:437-47, 1948

Trace element deficiency in citrus. *Sci. Cult.* 15:235-7, 1949

With R.P. Mitra & N.S. Bagchi. The electrochemical properties of H-clays in relation to their mineralogical composition. *Indian Soc. Soil Set. Bull.* 6:1, 1951

João & Nilza Mattos

April 3, 2024

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

João Rodrigues de Mattos, Brazilian botanist (São Joaquim, Santa Catarina State 1926 – Porto Alegre 27 January 2022)

DESCRIBED PLANTAE TAXA

Genera

Corynemyrtus 1963 (Myrtaceae)

Handroanthus 1970 (Bignoniaceae)

Pseudeugenia 1966 with Legrand (Myrtaceae)

Others

6 sections, 8 subsections, 243 species and 65 varieties

HONORS

Mattosmonas Skvortzov 1969 (Protozoa)

His wife, Nilza Fischer de Mattos, botanist (Alegrete, Rio Grande do Sul State 05 June 1930 –

DESCRIBED PLANTAE SPECIES

Andira bahiensis 1970

Andira kuhlmannii 1970

Andira handroana 1970

Andira lanei 1970

Andira marauensis 1970

Andira pernambucensis 1971

Bauhinia hermesiana 1965

Buchenavia hoehneana 1967

Buchenavia igarataensis 1967

Calliandra yucunensis 1977

Hymenolobium discolor 1980 with Rodrigues

Hymenolobium paulensis 1976

Hymenolobium stipulatum 1976

Lonchocarpus torrensis 1988

Mimosa laticifera 1963 with Rizzini

Mimosa rosariensis 1971

Zornia linearifoliata 1986

Zornia paniculata 1975

Others

2 sections, 1 subsection and 20 varieties

HONORS

Nilzamonas Skvortzov 1969 (Protozoa)

João Baptista de Lacerda

March 6, 2024

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

João Baptista de Lacerda, Brazilian physician, naturalist and anthropologist (Campos, Rio de Janeiro State 12 July 1846 – Rio de Janeiro 06 August 1915)

ACHIEVEMENTS

Described snake *Bothrops jararacussu* (1884)

Studied toxicity of snake, amphibians and plants toxins

First discovered proteolytic and lipolytic enzymes in snake venoms, being the first report about occurrence of enzymes in snake venom

Established that snake venom is a digestive juice

Provas experimentaes de que a peçonha das cobras é um succo digestivo (1881)

Discovered neutralizing action of potassium permanganate on snake venom *in vitro*

O permanganato de potassa como antídoto da peçonha das cobras. União Médica 1:514-9, 561-8, 1881

Sur le permanganate de potasse employé comme antidote du venin du serpent. C.R. Acad. Sci. Paris 93:466-7, 1881.

Leçons sur le venin des serpents du Brésil et sur la méthode de traitement des morsures venimeuses par le permanganate de potasse (1884)

Described toxic effects of cassava juice in dogs, birds and frogs

Investigações experimentaes sobre os efeitos tóxicos do succo da mandioca (*Manihot utilissima*). 1881

Described convulsivant properties of *Ichthyothere conamby*, sedative properties of mulungu and paralyzant properties of abutua

Discovered archaic dolichocephaly in Indians (1876)

Defined the concept of Sambaqui Man

O homem dos Sambaquis. Contribuição para a anthropologia brasileira. Arch. Mus. Rio de Janeiro (1885)

SOME BIBLIOGRAPHY

Anthropology

Documents pour servir a l'histoire de l'homme fossile du Brésil. Mem. Soc. Anthropol. Paris 2:517-42, 1875

O homem fóssil da Lagoa Santa (1881)

Cranios de Maracá, Guyana Brasileira. Arch. Mus. Nac. 4:35-45, 1881

A morphologia craneana do homem dos sambaquis. Rev. Exp. Antropol. Bras. (1882)

Sobre a conformação dos dentes. Rev. Exp. Antropol. Bras. (1882)

Medicine

Peste de cadeiras ou epizootica de Marajó, suas analogias com o beri-beri. Pathogenesis Comparada. Am.J. Medical Sciences 184:512, 1886

With A. Ramos. Le bacille icteroide et sa toxine (experience de controle). Arch. Med. Exp. Anat. Pathol.

Note sur la comparison du beriberi avec nevrilite alcoolique au pinte de vue clinique. Rev. Neurol.

Toxinology

A acção physiologica do urari. Arch. Mus. Nac. Rio de Janeiro p.37-43, 1876

With L. Couty. Sur um nouveau curare extrait d' une seule plante, le *Strychnos triplinervia*. Comp. Rend. Hebd. Acad. Sciences LXXXIX (13):582-4, 1879

With L. Couty. Le curare, son origine, son action, ses usages. Arch. Phys. Norm. Path. 2, 1880

Experiencias physiologicas com algumas plantas tóxicas do Brasil (1890)

De Varis plantis veneniferis florum brasiliensis. Studium physiologicum. Arch. Mus. Nac. Rio de Janeiro 15:1-137, 1909

Remarques ethnographiques et physiologiques sur le curare (1913)

Curare: prepare an moyen d'une seule plante de la famille des Menispermacées (*Anospermum grandifolium* Eichler)

HONORS

Honor Bronze Medal, Anthropology Show of Paris (1878) for his work Contribuições para o estudo antropológico das raças indígenas do Brazil (with Rodrigues Peixoto)

João de Azevedo Lage

March 6, 2024

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

João de Azevedo Lage, Brazilian orthopedic surgeon (Santos, São Paulo State 03 December 1920 – São Paulo 25 July 2001)

CREATED/DEVELOPED

Lage angled plate for osteosynthesis of trochanterian fractures (1952)

Lage prosthesis for arthroplasty of coxofemoral articulation (1956), a curved shaft prosthesis with three-points support of which design presents a worldwide used principle

Lage-Napoli pedicled neotectum for treatment of hip luxation and dysplasia (1985)

An all-cement prosthesis

With R. Godoy Moreira. A new surgical technique for intramedullary osteosynthesis of tibia in Osteosíntese intramedular de tibia. Nova técnica. (1956)

A new surgical technique for wrist arthrodesis

With Manlio L. Napoli a new kind of apparatus for femoral elongation and a new surgical technique for reconstruction of acetabular tectum of coxofemoral articulation

Perfected decalcified homologous bone graft method

New prosthesis for hip arthroplasty (1986)

LINKS

<http://clinicalage.com/site/a-clinica/historia/>

João Florencio Gomes

February 29, 2024

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

João Florêncio de Salles Gomes, Brazilian herpetologist and physician (Tatuí, São Paulo State 03 September 1886 – São Paulo 29 May 1919)

Developed an original method for preparation of anti-dysenteric toxin

Elucidated the complete life cycle of botfly

With A. Neiva. Biologia da mosca do berne (*Dermatobia hominis*) observada em todas suas phases. Annaes Paul. Med. Cir. 8(9):197-209, 1917

DESCRIBED REPTILIAN TAXA

Genera

Ptychopis 1915

Species

Apostolepis cearensis 1915

Apostolepis longicaudata 1921

Drymoluber brazili 1918

Gomesophis brasiliensis 1918

Phalotris nasutus 1915

Ptychopis flavovirgatus 1915

Rhinocerophis cotiara 1913

Rodriguesophis iglesiassi 1915

HONORS

Gomesophis Hoge & Mertens 1959 (Reptilia)

João Garcia Leme

March 6, 2024

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

João Garcia Leme, Brazilian pharmacologist (Santa Rosa do Viterbo, São Paulo State 1936 – Guarujá, São Paulo State 08 November 2005)

ACHIEVEMENTS

Gained international recognition on inflammation pharmacology and physiopathology researches

Claimed chemical mediators in inflammatory reaction act synergically

Demonstrated that development of acute inflammatory reactions is under a retrograde regulated mechanism (1975)

Demonstrated occurrence of a pro-inflammatory factor in lymph cells (1975-6)

Characterized the lymphocytic pro-inflammatory factor

Demonstrated with colleagues insulin regulation role on the development of inflammatory process (1970s)

Discovered action of sensitive nerves in inflammatory response regulation (1978)

Described the first antagonists of bradykinin

Co-authored with M. Rocha e Silva & H. Rothschild Chemical Mediators of the acute inflammatory reaction edited by Pergamon Press in 1972 and worldwide used

João Geraldo Kuhlmann

March 2, 2024

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

João Geraldo Kuhlmann, Brazilian botanist (Blumenau, Santa Catarina State 02 December 1882 – Rio de Janeiro 13 March 1958)

Son of German immigrants

Brother in Law of botanist Frederico C. Hoehne

World authority on botanical systematics

Patented the utilization of palm petioles for replacing imported cork

DESCRIBED PLANTAE TAXA

Families

Perisdicaceae 1950

Duckeodendraceae 1950

Valid Genera

Clinostemon 1928 with Sampaio

Cyrillopsis 1925

Dialypetalanthus 1925

Didymocistus 1940

Duckeodendron 1925

Goniodiscus 1933

Hydrogaster 1935

Merianthera 1935

Paradrypetes 1935

Paratecoma 1931

Spheneria 1922

Sterigmapetalum 1925

Species

108

HONORS

Genus *Kuhlmanniodendron* Fiaschi & Groppo 2008 (Achariaceae)

Honorary President, International Botanical Congress at Tucumán, Argentina (1940), Stockholm, Sweden (1950) and Paris, France (1954)

João Marinho

April 3, 2024

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

João Marinho de Azevedo, Brazilian otolaryngologist (Rio de Janeiro 15 January 1875 – São Paulo 12 February 1956)

CONTRIBUTIONS

Described hyperemia of the tympanic membrane indicative of irritated meninges (1934)

Da miringite reflexa. O Hospital 10:1353-7, 1936

A conduta usada pela escola do professor Marinho nas hemorragias consecutivas à amigdalectomia

Showed the benign evolution of diphtheria (1918)

Une nouvelle classification des angines: angines à traites par le sérum antidiphtherique

Described the peculiar lesions of buccal mucosa in blastomycosis

DEVELOPED TECHNIQUES

Nossa técnica na cirurgia da sinusite frontal

Demonstrated a new method of truncal anaesthesia in otolaryngology

Considerações gerais sobre anestesia tronco-regional em Otorrinolaringologia e sua técnica nas intervenções nasais (1915)

João Moojen

April 3, 2024

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

João Moojen de Oliveira, Brazilian mammalogist and ornithologist (Leopoldina, Minas Gerais State 01 December 1904 – Rio de Janeiro 31 March 1985)

Authored 62 publications

Developed a new method for Muridae extermination

Described a new taxidermy technique of small mammals in Captura e preparação de pequenos mamíferos para coleções de estudo (1943)

Formulated Karnol ratio for dogs and another ratio for birds

DESCRIBED VALID MAMMALIA TAXA

Genus

Juscelinomys 1965

Species

Gracilinanus agricolai 1943

Juscelinomys candango 1965

Kerodon acrobata 1997 with Locks & Langguth (posthumous)

Phyllomys kerri 1950

Trinomys graciosus 1948

Trinomys paratus 1948

Subspecies

Proechimys guyanensis arabupu 1948

Proechimys guyanensis riparum 1948

Sciurus (Guerlinguetus) aestuans poaiae 1942

Sciurus (Guerlinguetus) ignitus cabrerai 1958

Trinomys graciosus graciosus 1948

Trinomys graciosus bonafidei 1948

Trinomys setosus denigratus 1948

HONORS

Moojenia Mello Leitão 1935 (Arachnida)

Moajenodesmus Schubart 1945 (Diplopoda)

Joaquim Correa de Mello

April 3, 2024

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

Joaquim Correa de Mello, Brazilian botanist (São Paulo 10 April 1816 – São Paulo 20 December 1877)

DESCRIBED PLANTAE TAXA

Genera

Balfourodendron 1877

Pithecoxanium

Species

Hanburyphyton splendens 1868

Jacaranda lilacina

Pithecoxanium bidentatum

Pithecoxanium riparium

Pithecoxanium trichiadenum

Tynanthus micranthus

Zeyheria hanburiana

SOME BIBLIOGRAPHY

Bignoniaceas paulistanas. Arq. Mus. Paran. 9:1-206, 1852

Observations on *Alibertia* with description of a new species of that genus. Trans. Linn. Soc. London 28(4):519-22, 1873

Notes on some Brazilian plants from the neighbourhood of Campinas. J. Linn. Soc. London 11:253-63, 1870

On *Myrocarpus frondosus* Allem. J. Linn. Soc. London 11(53):263-5, 1870

With R. Spruce. Notes on the Papayaceae. J. Linn. Soc. Botany 10:1-18, 1869

HONORS

Foreign Member, Royal Society of Botany, Edinburgh (1869)

Honorary Member, British Pharmaceutical Conference (1870)

Silver Medal, Moscow Botanical Garden (1868)

Vermeil Medal, Société Imperiale et Centrale d'Horticulture, France (1868)

Genus *Melloa* Bureau 1868 (Bignoniaceae)

Joaquim José & Angelita Gama

February 29, 2024

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

Joaquim José Gama-Rodrigues, Brazilian surgeon (Cruzeiro, São Paulo State 02 December 1935 –

Nephew of neurologist Carlos Gama

Authored 457 papers, 20 books and 327 book chapters (until 2010)

TECHNIQUES/CONTRIBUTIONS

Tratamento cirúrgico videolaparoscópico da doença do refluxo gastroesofágico: técnica de Nissen modificada – resultados clínicos e funcionais [Surgical videolaparoscopic treatment of gastroesophageal reflux disease: modified Nissen technique – functional results]. Rev Assoc Med Bras 47(2):106-107, 2001

With V.E. Seid, V. R. Santos, R.B. Martino, P. Volpe & C.J.B. Bresciani. Unintentional ileostomy: a complication of the videolaparoscopic method? Report of the first case. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques 10(4):253-257, 2000.

With P.E. Pinto Jr., R. S. Sobreira, L.J. Souza & E. Sabino. Nova causa de obstrução total do esôfago: pinçamento em fratura de vértebra torácica por trauma fechado do tórax. Anais Paul Med Cir São Paulo 122(3):72-76, 1995

With L. A. D'Albuquerque, H.W. Pinotti, A. de Oliveira e Silva & M. P. de Miranda. A simplified technique for splenopancreatic disconnection with distal splenorenal shunt. Surg. Gynecol. Obstetr. 170(4):355-7, 1990

With M. P. de Miranda, J. J. Gama Rodrigues, L. A. D'Albuquerque & P. Sakai. Use of endoscopic Congo red test in the evaluation of ulcer recurrence risks after proximal gastric vagotomy. A new interpretative method. Surg. Endosc. 3(4):182-5, 1989

With H.W. Pinotti, B. Zilberstein, G. Ellenbogen & A. A. Raia Lateral deviation esophagostomy. New simplified technical procedure. Acta Gastroenterol Latinoam. 12(2):135-41, 1982

With J. Faintuch, F.B. Jatene, M.C. Machado, A.A. Raia, T. Szego et al. Enteral nutrition through naso-jejunal intubation. Presentation of a new tube made of silicone rubber. Rev. Hosp. Clín. Fac. Med. São Paulo 36(4):158-61, 1981

With G. Ellenbogen, A.A. Raia, 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 H.W. Pinotti, G. Ellenbogen, R. Arab Fadul & A. Raia. New bases for the surgical treatment of megaesophagus: esophagocardiomyotomy with esophagus-fundus-gastropexy. Rev. Assoc. Med. Bras. 20:331-4, 1974

With A. A. Raia. Moléstia cística do fígado: apresentação de caso e de nova técnica de tratamento cirúrgico. São Paulo Med Journal 73(2):65-72, 1968.

With R. D. Federico, E. A. Paula & A. C. Cordeiro. Técnica para punção da veia porta sem o emprego de anestésicos gerais. Rev Hosp Clín (FMUSP) 12(4):281-285, 1957.

HONORS/MEMBERSHIP

Medal of the Most Eminent Polish Gastroenterologists – 100 th Aniversary of Polish Gastroenterology, 8th International Gastric Cancer Congress (2009)

President, International Gastric Cancer Association (2007-9)

Honorary Fellow, American College of Surgeons (2008)

His wife, Angelita Habr-Gama, gastroenterologist (Marajó Island, Pará State 25 July 1931 –

Daughter of Lebanese immigrants

Authored 307 papers, 17 books and 204 book chapters

TECHNIQUES/OTHER CONTRIBUTIONS

Described the technique of artificial anal sphincter in the treatment of serious incontinency

With J.M.N. Jorge. O esfínter anal artificial no tratamento da incontinência grave: descrição de técnica e resultados preliminares. Rev. Bras. Colo-proct. 20(2): 217-22, 2000

With O. S. Simonsen, C.W. Sobrado Jr., S.F. Bocchini & H.W. Pinotti. Rectal neovagina: Simonsen's technique for large rectovaginal fistula repair. Diseases of the Colon and Rectum 41:658-60, 1998

With C.W. Sobrado Jr. Hook-needle puncture. A new technique of local anesthesia for anorectal surgery. Dis. Colon Rectum 39(11):1330-1, 1996

Habr-Gama technique (abdominal rectosigmoidectomy with immediate posterior end-to-side stapling)

With S.F. Bocchini, D.R. Kiss & Sousa Jr. Retossigmoidectomia abdominal com anastomose mecânica colo-retal na parede anterior do reto para cirurgia do megacólon. Rev. Bras. Colo-Proct. 10:38, 1990

With S. Haberkorn & P. R. A. Alves. Defecograma: técnica simplificada e dados de interpretação. Rev Assoc Med Bras 24:361-362, 1978.

With P.R. Alves, M. Borrelli, S. Tzusuki, S. Mello & G.M. Goes. Desenvolvimento do estimulador eletrônico implantável para uso da incontinência urinária. J Bras Urol 3:121-128, 1977.

With O. Simonsen, N.A.G. Stolfi, F. Aun & A. Raia. Rectal sphincter reconstruction in perineal colostomies after abdominoperineal resection for cancer. Brit.J. Surg. (1976)

With A. Correa Netto. Pinça de extração de cálculos biliares. Rev Assoc Med Bras 7:52-54, 1961

HONORS/MEMBERSHIP

First woman to obtain a training period, Saint Mark's Hospital, England (1961)

Medaille de Reconnaissance Franco-Americaine, Conseil National de L'Institut Humaniste de Paris (2000)

First woman honorary member, American Surgical Association (2002)

Honorary Fellow, American College of Surgeons (2003)

First woman honorary fellow, European Surgical Association (2006)

Honorary President, 7th International Meeting of Coloproctology, International Society of Coloproctology (2002)

President, International Society of University Colon and Rectal Surgeons (2008-10)

Joaquim Pereira Machado Filho

April 3, 2024

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

Joaquim Pereira Machado Filho, Brazilian entomologist (Rio de Janeiro 06 September 1916 – ?)

DESCRIBED

Genera (Lepidoptera) with Rego Barros

Bodosa 1969

Histioea 1972

Pseudohyaleucerea 1971

Species

Agyrtidia olivensis 1970 with Rego Barros (Lepidoptera)

Dicrana herberti 1957 (Dermaptera)

Doru cincinnatoi 1967 (Dermaptera)

Histioea paraensis 1972 with Rego Barros (Lepidoptera)

Pseudohyaleucerea manicorensis 1971 with Rego Barros (Lepidoptera)

Sparatta bocainensis 1953 (Dermaptera)

Spongiphora moreirai 1947 with Lemos de Castro (Dermaptera)

HONORS

Machadoia Rego Barros 1956 (Lepidoptera)

Joaquín Gallo y Monterrubio

February 29, 2024

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

Joaquín Antonio Juan Carlos Gallo y Monterrubio, Mexican astronomer and geographer (Ciudad de Mexico 24 November 1882 – Ciudad de Mexico 19 October 1965)

With Polish L. Gorcinski performed important studies on actinometry (1920s)

Headed the one foreign commission that studied the total eclipse of the Sun at October 25, 1944

SOME BIBLIOGRAPHY

The Mexican Eclipse expedition to Perú. Publ. Astron. Soc. Pacific (1944)

Eclipse total del sol de 10 de septiembre de 1923. Elementos y datos para la observación del fenómeno. Rev. Mex. Ingen. Arquít. 1:349-56, 1923

Observaciones con el refractor de 0'38". Bol. Obs. Astron. Nac. Tacubaya 6:205, 1920

Nuevos procedimientos para encontrar las formulas fundamentales de la trigonometría esférica. Mem. Soc. Cient. Antonio Alzate 37:127-8, 1919

Resultado del eclipse de sol de 3 de febrero de 1916. Mem. Soc. Cient. Antonio Alzate 35:165-8, 1916

Protuberancias solares, observadas en los años de 1912 y 1913. Bol. Obs. Astron. Nac. Tacubaya 5:168-79, 1916

Resultado de las observaciones actinométricas hechas con el pirheliometro de Angstrom durante los meses de julio a diciembre de 1913. Bol. Obs. Astron. Nac. Tacubaya 5:180-1, 1916

Observación de estrelas dobles deducidas de las placas del catalogo fotográfico. Bol. Obs. Astron. Nac. Tacubaya 4:158-63, 1914

Observación de estrellas dobles deducidas de fotografías tomadas con el refractor de 0m33'. Bol. Obs. Astron. Nac. Tacubaya 2:32-51, 1912

Ensayo de determinación de órbitas de estrellas dobles. Bol. Obs. Astron. Nac. Tacubaya 1:13-5, 1912

The eclipse expedition of the Mexican National Observatory. Publ. Astron. Soc. Pacific 24 (1912)

Joaquín Llambías

March 6, 2024

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

Joaquín Llambías Mir, Argentine anatomical pathologist (Buenos Aires 14 July 1868 – Buenos Aires 27 November 1931)

First to describe malformed hypertrophy of chitinous membrane in Hipertrofia malformante da membrana quitinosa (1925)

Coined the term schwannoma for pointing out Schwann cells proliferation (1932)

Described Llambías sign in acute appendicitis

Authored Modalidad especial de uma forma de influenza (1903)

Joaquín López Figueroa

March 6, 2024

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

Joaquín López Figueroa, Argentine surgeon and anatomist (Salta 1868 – Buenos Aires 29 October 1926)

Eponym of Lopez Figueroa femorocutaneous incisure

Joaquín Luco

March 6, 2024

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

Joaquín Luco Valenzuela, Chilean neurophysiologist (Santiago 18 July 1913 – Cartagena, Valparaíso Region, San Antonio Province 19 July 2002)

ACHIEVEMENTS

Discovered that neurons are able to learn

Idealized a new perfusion system

Nuevo sistema de perfusion con la preparación cardiopulmonar. Algunos aspectos de la regulación de la glicemia. Thesis, 1936

With A. Rosenblueth 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 step in neuromuscular transmission

With A. Rosenblueth. The fifth stage of neuromuscular transmission. Amer. J. Physiol. 126(1), 1939

Enunciated paradigm of short and large nerve

With C. Eyzaguirre. Fibrillation and hypersensitivity to Ach in denervated muscle: effect of length of degenerating nerve fibers. J. Neurophysiol. 18(1):65-73, 1955

Performed important studies on learning and memory in invertebrates (employing *Blatta orientalis*)

With L.C. Aranda. An electrical correlate to the process of learning. Experiments in *Blatta orientalis*. Nature 201:1330-1, 1964

With L.C. Aranda. Reversibility of electrical correlate to process of learning. Nature 209:205-6, 1966

Increase of synaptic efficacy as a correlate to learning in *Blatta orientalis*. Physiol. Behav. 21(5):743-7, 1978

Proved that the motor nerve possesses inductive properties that defines the gene expression of relevant macromolecules to the neural function in the innervations element

With N.C. Inestrosa & B. Mendez. Acetylcholinesterase like that of skeletal muscle in smooth muscle reinnervated by a motor nerve. Nature 280(5722):504-6, 1979

Other contributions

With M.I. Behrens. New concepts on homeostasis. Arch. Biol. Med. Exp. 13(2):209-12, 1980

With P.B. Dews & C.N. Woolsey. Brain research. Science 158(3803):951-8, 1967

Jocelia Grazia

February 29, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Jocélia Grazia Vieira, Brazilian entomologist (Caxias do Sul, Rio Grande do Sul State 02 December 1944 –

From Italian, German, Portuguese and Native Indian descent

With J. Costa, L. Torres, D.W.J. Provance & R. Brugnara. First report of predation by a stink bug on a walking-stick insect with reflections on evolutionary mechanisms for camouflage. *Acta Biol. Paran.* 48(1-2):5-15, 2019

With D. Krinsky & L. A. Foerster. *Hypatropis inermis* (Hemiptera, Pentatomidae): first record on rice crops. *Rev. Bras. Entomol.* 59:12-3, 2015

DESCRIBED HEMIPTERA TAXA (until 2020)

Genera

Adevoplitus 1997 with Becker

Alloeogyna 2019 with Campos & Garbelotto

Amauromelpia 1998 with Fernandes

Chimerocoris 2020 with Barros & Barão

Hypanthracos 1996 with Campos

Laeviscutis 1994 with Barcellos

Liscocephala 2020 with Barros & Barão

Luridocimex 1998 with Fernandes & Schwertner

Neodichelops 1978

Neotibilis 1994 with Barcellos

Ocellatocoris 2001 with Campos

Parahypatropis 1996 with Fernandes

Paralcippus 1986 with Becker

Paratibraca 1995 with Campos

Parastalius 2007 with Matesco & Campos

Pedinonotus 2002 with Fernandes

Pentatomiana 2004 with Barcellos

Praedinocoris 1985 with Becker (subg.)

Prodichelops 1978 (subg.)

Prolatucoris 2020 with Barros, Barão & Brugnara

Rideriana 2003 with Frey da Silva

Sailerus 2019 with Campos & Garbelotto

Similiforstona 2000 with Campos

Similliserdia 1998 with Fortes

Stapelocoris 2016 with Garbelotto & Campos

Stysiana 1999 with Fernandes & Schwertner

Triunfus 2020 with Barros & Barão

Xynocoris 2014 with Garbelotto & Campos

Species

215

HONORS (Hemiptera)

Joceliana Carvalho 1984

Grazia Rolston 1981

Johan Diederik Mohr Keet

March 2, 2024

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

Johan Diederik Mohr Keet, South African botanist and forester (Cape Winelands, Western Cape Province 28 December 1882 – 09 November 1967)

SOME BIBLIOGRAPHY

A florestation and conservation in South West Africa (1927)

Treeplanting in Orange Free State, Griqualand, West Bechuanaland and north-eastern districts of the Cape Province (1929)

Soil erosion and allied problems in South Africa (1935)

Report on drift sands in South Africa (1936)

Rainfall and stream-flow at the Cape. J.S. Afr. For. Ass. 4, 1940

National timber supply in the post-war transition period. J. S. Afr. For. Assoc. (1944)

Exploitation of indigenous timber and allied questions in S. W. Africa (1947)

Forests of the Okavango native territory. J. S. Afr. For. Ass. 19:78-88, 1950

The place of wattle bark in the leather trade. J. S. Afr. For. Ass. 1:51-2, 1958

A thinning formula for *Pinus patula*. South African Forestry Journal 62:9-14, 1967

HONORS

Keetia E. Phillips 1926 (Rubiaceae)

John Barry Hawthorne

February 29, 2024

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

John Barry Hawthorne, South African geologist and entrepreneur (Kimberley, Northern Cape Province 19 May 1934 – Scarborough, Cape Town 15 November 2018)

Gave relevant contributions to kimberlite geology, diamond studies and upper mantle geology

Showed that kimberlites were undoubtedly magmas

With J.B. Dawson. Magmatic sedimentation and carbonatitic differentiation in kimberlite sills at Benfontein, South Africa. *J. Geol. Soc.* 129(1):61-85, 1973

With J.W. Harris, M.M. Osterveld & E. Wehmeyer. A classification scheme for diamond, and a comparative study of South African diamond characteristics. *Phys. Chem. Earth* 9:765-83, 1975

Proposed the composite geological model for many southern African pipes

Model of a kimberlite pipe. *Phys. Chem. Earth* 9:1-15, 1975

SOME BIBLIOGRAPHY

With C.R. Clement, J.W. Harris & D.N. Robinson. The DeBeers kimberlite pipe – a historic South African diamond mine. *Mineral Deposits of Southern Africa. Geol. Soc. South Afr.* 2:2193-2214, 1986

With J.W. Harris & M.M. Osterveld. A comparison of diamond characteristics from the DeBeers Pool mines, Kimberley, South Africa. *Ann. Sci. Univ. Clermont-Ferrand* 2(74):1-13, 1984

With A.J. Carrington, C.R. Clement & E.M.W. Skinner. Geology of the Dokolwayo kimberlite and associated paleo-alluvial diamond deposits (1979)

With J.W. Harris & M.M. Osterveld. Regional and local variations in the characteristics of diamonds from some Southern African kimberlites (1979)

With C.R. Clement, E.M. Skinner, L. Klenjan & H.L. Allsopp. Precambrian ultramafic dykes with kimberlite affinities in the Kimberley area. (1975)

With J.B. Dawson. Intrusion features of some hypabyssal South African kimberlites. *Bull. Volcan.* 34 (3):740-57, 1970

Kimberlite sills. *Trans. Geol. Soc. S. Afr.* 71:291-311, 1968

HONORS

Hawthorneite Grey, Madsen & Haggerty 1987 (Mineral)

John Douglas Lynch

March 6, 2024

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

John Douglas Lynch, US / Colombian herpetologist (Collins, Iowa State 30 July 1942 –

DESCRIBED VALID AMPHIBIA TAXA

Families

Limnodynastidae 1969

Micrixalidae 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Nyctibatrachidae 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Odontophrynidae 1969

Ptychadenidae 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Genera

Atelognathus 1978

Atopophrynus 1982 with Ruiz-Carranza

Dischidodactylus 1979

Duttaphrynus 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Feihyla 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Hyalinobatrachium 1991 with Ruiz-Carranza

Hydrophylax 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Ingerophrynus 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Kurixalus 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Poyntonophrynus 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Scythrophrys 1971

Sylvirana 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Vandijkophrynus 2006 with Frost, Grant, Faivovich, Bain, Haas et al

Species

Over 300

HONORS (Amphibia)

Lynchophrys Laurent 1983

*Lynchi*us Hedges, Duellman & Heinicke 2008

Rulyrana Guayasamin, Castroviejo-Fisher, Trueb, Ayarzagüena, Rada & Vila 2009

John Dow Fisher Gilchrist

February 29, 2024

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

John Dow Fisher Gilchrist, Scottish-born South African ichthyologist (Anstruther, Scotland 1866 – Saint James, Cape Town 1926)

DESCRIBED PISCES TAXA

Valid Genera

Lyconodes 1922

Neocyttus 1906

Neoscombrops 1922

Paralichthodes 1902

Pseudocyttus 1906

Selachophidium 1903

Xenolepidichthys 1922

Valid Species

91

HONORS

Gilchristella Fowler 1935 (Pisces)

John Hewitt

February 29, 2024

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

John Hewitt, English-born South-African zoologist and archaeologist (Dronfield, nearby Sheffield, England 23 December 1880 – Grahamstown 04 August 1961)

Described the Wilton culture

With A.P. Stapleton reported the first account of Howiesons Poort Culture

DESCRIBED NEW TAXA

Mammalia

Subspecies

Pronolagus rupestris saundersiae 1927

Reptilia

Genera

Narudasia 1913 with Methuen

Rhoptropella 1937

Species

40 valid species

Amphibia

Genera

Anhydrophyrne 1919

Arthroleptella 1926

Microbatrachella 1926

Natalobatrachus 1913 with Methuen

Species

About 20

Arachnida

Genera

Australoonops 1915

Daesiella 1934

Drassodella 1916

Hermachola 1915

Idiothele 1919

Karasbergia 1914

Muizenbergia 1915

Species

At least 35

HONORS

Hewittia Lessert 1928 (Arachnida)

Hewittella Cameron 1906 (Hymenoptera)

John Imray

February 29, 2024

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

John Imray, Scottish physician in Dominica (Forfarshire 11 January 1811- Saint Aroment 22 August 1880)

Authored Memoir on Yaws (1873) becoming the greatest authority on framboesia of his day

First observed tumors occupying the cavities of the heart covered with a smooth transparent membrane on the mal d'estomac or cachexia africana

On the mal d'estomac, or cachexia africana, amongst the negroes of Dominica. Edinb. Med. Surg. J. 59:304-21, 1843

Collected new plant species from Dominica described by botanists

SOME BIBLIOGRAPHY

The useful woods of the island of Dominica. Technologist 2:382-91, 1862

Observations on the characters of endemic fever in the island of Dominica. Edinb. Med. J. 70:1848

On the nature, causes and treatment of yellow fever. Edinb. Med. J. (1841)

Observations illustrating the characters of a febrile epidemic which prevailed in Dominica in 1838. Edinb. Med. J. 53:78-95, 1840

On the treatment of tetanus by opium and hydrate of chloral in combination

John Martin

April 3, 2024

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

John Brand Martin, South African civil engineer (Durban 20 April 1937 – Cape Town 07 October 1999)

With P. Symonds his works on mode approximation techniques are today regarded as milestones in the history of plasticity theory

Discovered simple theorems for obtaining upper bounds on the displacements in an impulsively loaded structure, and lower bounds on the duration of the response

OTHER CONTRIBUTIONS /BIBLIOGRAPHY

With S. Caddemi. Convergence of the Newton-Raphson algorithm in elastic-plastic incremental analysis. *Int. J. Numer. Meth. Eng.* 31: 177-91, 1991

With A. Nappi. An internal variable formulation for perfectly plastic and linear hardening relations in plasticity. *Europ. J. Mechanics A* 9(2):107-31, 1990

With C.T. Dittmer & T.B. Griffin. A programming approach to the numerical analysis of elastoplastic continua. *Eng. Fract. Mech.* 21:817-25, 1985

With L. Resende. Formulation of Drucker-Prager cap model. *ASCE J. Eng. Mech.* 111(7):855-81, 1985

An inverse variable approach to the formulation of finite element problems in plasticity (1981)

Plasticity: Fundamentals and General Results (1975)

Extremum principles for a class of dynamic rigid-plastic problems. *Intern. J. Solids Struct.* 8:185-04, 1972

The optimal design of beams and frames with compliance constraints. *Intern. J. Solids Struct.* 7:63-81, 1971

With L.S.S. Lee. Approximate solutions of impulsively loaded structures of a rate sensitive material. *J. Appl. Math. Phys.* 21:1011-32, 1970

With F.A. Leckie. Deformation bounds in bodies in a state of creep. *J. Appl. Mech.* 34(2), 1967

Extended displacement bound theorems for work-hardening continua subject to dynamic loading. *Intern. J. Solids Struct.* 2:9-26, 1966

With P.S. Symonds. Mode approximation for impulsively loaded rigid-plastic structures (1966)

Impulsive loading theorems for rigid-plastic continua. *ASCE J. Eng. Mech. Div.* 90:27-42, 1964

A displacement bound technique for elastic continua subject to a certain classes of dynamic loading. *J. Mech. Phys. Solids* 12:165-75, 1964

With L. Resende. A progressive damage continuum model for granular materials. *Comp. Meth.*

With M. Ortiz. Symmetry-preserving return mapping algorithms and incrementally extremal paths: an unification of concepts

John Muir

April 3, 2024

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

John Muir, Scottish-born South African physician and naturalist (Castle Douglas, Dunfries & Galloway 18 June 1874 – Riversdale, Cape Province 03 August 1947)

Performed plant collections

Described plant species *Aristea ensifolia* 1992 (Iridaceae)

HONORS

Muiria N.E. Brown 1927 (Aizoaceae)

Jorge Haddad

February 29, 2024

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

Jorge Haddad, Brazilian gastroenterologist (São Paulo 12 January 1929 – São Paulo 09 May 1975)

Developed Duhamel-Haddad operation

With A. Raia & A. Correa Netto. Abaixamento retro-retal do cólon com colostomia perineal no tratamento do megacolo adquirido. Operação de Duhamel modificada. Rev. Ass. Med. Bras. 11:830-50, 1965

Treatment of acquired megacolon by retrorectal lowering of the colon with a perineal colostomy: modified Duhamel operation. Rev. Hosp. Clin. Fac. Med. S. Paulo 23:235-53, 1968 and Doctoral Thesis

SOME BIBLIOGRAPHY

With A. Habr Gama, O. Simonsen, D.E. Cutait, A. Raia et al. Volvulus of the sigmoid colon in Brazil. A report of 230 cases. Dis. Colon Rectum 79:314-20, 1976

With J.M. Benedicto, W. Paula & A. Raia. Tuberculose intestinal. Aspectos anatomo-clínicos (Considerações sobre 33 casos). Arq. Gastroent. 9:65-70, 1972

Relation of gastroesophageal reflux to yield sphincter pressures. Gastroenter. 58:175-84, 1970

With A. Raia & E.A. Erhart. Estudo das atividades sexuais nos pacientes portadores de megacólon, antes e após a retossigmoidectomia abdominoperineal. Rev. Paul. Med. 55:343, 1959

Colostomy treatment of traumatic injuries of the large intestine. Dis. Colon Rectum 17:188-93,

Jorge Ignacio Hernandez Camacho

February 29, 2024

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

Jorge Ignacio Hernandez Camacho, Colombian naturalist, ecologist and conservationist (Bogotá 17 January 1935 – near Cartagena 15 September 2001)

DESCRIBED TAXA

Plants

Subfamily

Trigonobalanoideae with Lozano & Henao

Species

Alfaroa colombiana with Lozano Contreras & Espinal

Matisia uribei with García Barriga

Mucuna cuatrecasasii 1988 with C. Barbosa

Mucuna killipiana 1988 with C. Barbosa

Trigonobalanus excelsa with Lozano Contreras & Henao

Vasconcellea sphaerocarpa with García Barriga

Amphibia

Genus

Osornophryne 1976 with Ruiz Carranza

Species

Agalychnis danieli 1988 with Ruiz Carranza & Rueda Almonacid

Atelopus carauta 1978 with Ruiz Carranza

Atelopus laetissimus 1994 with Ardila Robayo & Ruiz Carranza

Atelopus leoperezii 1994 with Ardila Robayo & Ruiz Carranza

Atelopus minutulus 1988 with Ardila Robayo & Ruiz Carranza

Atelopus nahumae 1994 with Ardila Robayo & Ruiz Carranza

Centrolene paezorum 1986 with Ruiz Carranza & Ardila

Gastrotheca andaquiensis 1976 with Ruiz Carranza

Osornophryne percrassa 1976 with Ruiz Carranza

Reptilia

Species

Anolis inderenae 1988 with Rueda Almonacid

Aves

Subspecies

Forpus conspicillatus metae 1961 with Borrero

Grallaria alleni andaquiensis 1979 with Rodríguez M.

Grallaria rufocinerea romeroana 1979 with Rodríguez M.

Haplophaedia aureliae bernali 1979 with Romero Zambrano

Momotus subrufescens olivaresi 1978 with Romero Zambrano

Mammalia

Living

Species/Subspecies

Diclidurus (Diclidurus) ingens 1955

Heteromys (Heteromys) anomalus hershkovitzi 1956

Lonchorhina marinkellei 1978 with Cadena G.

Microsciurus santanderensis 1957

Fossil

Genus

Colombibos 1960 with Porta

Species

Colombibos atactodontus 1960 with Porta

Jorge Jim

March 1, 2024

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

Jorge Jim, Brazilian herpetologist and ecologist (Lins, São Paulo State 18 August 1942 – Botucatu, São Paulo State 23 June 2011)

Son of Japanese immigrants

DESCRIBED VALID AMPHIBIA SPECIES

Bokermannohyla izecksohni 1979 with Caramaschi

Dendropsophus soaresi 1983 with Caramaschi

Elachistocleis piauiensis 1983 with Caramaschi

Leptodactylus viridis 1973 with Spirandeli-Cruz

Proceratophrys moratoi 1980 with Caramaschi

HONORS

Jim Soares 1979 (Arachnida)

Jorge Kiehl

March 2, 2024

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

Jorge Kiehl, Brazilian plant pathologist and mycologist (died 1942)

Authored with A.S. Costa. Uma moléstia da batatinha. Necrose do topo causada pelo vírus de “vira cabeça”. J. Piracicaba 1:193-202, 1938

HONORS

Kiehlia Viegas 1944 (Fungi)

Jorge Landi Dessy

March 6, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Jorge Silvio Francisco Landi Dessy, Argentine astronomer (Buenos Aires 01 September 1922 – 1991)

A relative of bacteriologist Silvio Dessy

DISCOVERED

Variable stars with a period shorter than one day in Magellanic Clouds (1952) independently of Thackeray

With Dartayet 25 new faint variable stars (1952) and 333 new SMC variables (1959)

With Laborde new variables in the Minor Cloud (Region f)

Found 277 new variables stars

New variables in the large Magellanic Cloud (1964)

Discovered 3 short-period variable stars in With M. Dartayet. Small Magelanic Cloud (1952)

Proposed a spectral classification of stars

Adaptation of the MK system to later spectra of medium dispersion with an intent of three-parametric classification (1966)

DEVICES

Proposed theories for preventing distinct optical aberrations in telescopes

Proposed a new type of kernel camera having only one optical surface

With R. Platzeck. La camara de Meinel telecêntrica. Bol. Asoc. Arg. Astron. 2 (1960)

With R. Platzeck. A new type of collimator for Meridian mark (1962)

Proposed a two-mirror aplanat with concave primary and flat secondary in An astrometrical aplanatic telescope with a figured flat secondary mirror. Bol. Asoc. Arg. Astron. 14:18-28, 1968

New parametric tables for reflecting telescopes, for aplanats, anastigmats, flat-fielded, distortion free and third order errors free systems (1968)

Un nuevo tipo de telescopio camara con tres espejos / A telescope camera with three mirrors. Publ. Astron. Soc. Pacific 75:66, 1963

A project of 40" telescope applied to a high dispersion spectrograph (1964)

SOME BIBLIOGRAPHY

With M. Jaschek & C. Jaschek. An atlas of grating stellar spectra at intermediate dispersion (1977)

With José R. Laborde. The short period variable stars in the Magellanic Clouds. Astrophys. Space Science Library 23:47-9, 1971

With J.R. Laborde. 1107 variable stars in the Magellanic Clouds observed at Cordoba Obsevatory (1970)

With P.C. Keenan. Spectral types on the MK System for Forty Three bright Southern Stars, K2M6. Astrophys. J. 146:587, 1966

With P.C. Keenan. Variations in spectral type of the Mira variables R CEN and T CEN. Astrophys. J. 146:583, 1966

With A. Puch. A discussion of third order errors of reflecting telescopes. Mem. Soc. Astr. Ital. 37:657, 1966

A two minor aplanat with concave primary and flat secondary. Mem. Soc. Astr. Ital. 37, 1966

Distortion free aplanatic telescopes. Mem. Soc. Astr. Ital. 37, 1966

Some lesser known properties of Ritchey-Chretien telescopes. Mem. Soc. Astron. Ital. 34:415, 1963

La binaria p Eridani (1949)

With J. Sahade. The radial velocities of CPD-63°896

With J. Sahade. La binaria espectroscopica Boss 4496

HONORS

Asteroid 2381 Landi

Jorge Lewowicz

March 6, 2024

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

Jorge Lewowicz Volman, Uruguayan mathematician (Montevideo 17 March 1937 – Montevideo 21 June 2014)

Obtained a class of topological stable diffeomorphisms wider than the class of Anosov diffeomorphisms

Gave a new proof of stability

With Tolosa showed that expansive homeomorphisms in the C^0 boundary of Anosov are conjugated

Introduced the concept of persistence in several types of expansive homeomorphisms

Introduced notion of persistence for a homeomorphism of a compact metric space (1983)

Coined the term persistence (1983)

Proved the non existence of stable points in expansive homeomorphisms of surfaces (1983)

Proved that every pseudo-Anosov map is persistent (1983)

Introduced infinitesimal Lyapunov functions or quadratic forms

Proposed a theorem about expansive homeomorphism of a compact orientable surface (1989) independently of Hiraide (1990)

Proposed the use Lyapunov functions of two variable to study structural stability and similar concepts

Proved, for a differentiable vector or field or a diffeomorphism on a smooth manifold, that the set of points such that the semitrajectories issuing from them approach a particular semitrajectory at a given exponential rate constitute a differentiable submanifold, provided that differential of the flow has a certain similar behavior on that trajectory (1981)

Gave necessary and sufficient conditions for the existence of an elementary attracting periodic motion of an autonomous system as the only invariant set contained in a given positively invariant region of phase sphere (1974)

With R. Ures proved that if Axiom A diffeomorphisms is exteriorly situated, stable and unstable half-leaves of points of boundedly deviates from geodesics (2000)

Obtained criteria that assure that certain conservative diffeomorphisms display entropy towards volume

EPONYMY

Lewowicz classification of expansive homeomorphism of surfaces

Lewowicz number of linear diffeomorphisms

Lewowicz theorem

Lewowicz map

Lewowicz structural stability theorem

Lewowicz diffeomorphisms

Jorge Lobo

March 6, 2024

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

Jorge de Oliveira Lobo, Brazilian medical mycologist and dermatologist (Recife 12 November 1899 – Recife 09 April 1979)

Authored 53 papers

Described Lobo disease or lobomycosis

Um caso de blastomicose produzido por uma espécie nova, encontrada em Recife. Rev. Med. Pernambuco 44:763-5, 1931.

Described new pathogenic fungi

With A.E. Area Leão. Micetome du pied a *Cephalosporium recifei* n.sp. mycetome a grains blancs. C.R. Soc. Biol. 117:203-5, 1934

With A.E. Area Leão. Micetoma podal de grãos brancos, *Acremonium lutzi*, n.sp. Acta Med. Rio de Janeiro 4:211-21, 1939

HONORS

Loboa Ciferri, Azevedo, Campos & Carneiro 1956 (Fungi)

Jorge Magnin

April 3, 2024

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

Jorge Magnin, French-born Argentine chemist (Annecy 22 December 1878 – ?)

With Hector Bolognini. Nuevo tipo de horno para fusión de vidrio

With E. Zappi proposed Dragendorff procedure for extraction of alkaloids from animal matter in Annal. Soc. Quim. Arg. 1:327-61, 1913

Nouvelle methode de destruction de la matiere organique par le brome, applicable à la toxicologie. Compte Rendu 2:864, 1913

Nuevo metodo de destruir una combinación organica (1911)

Sobre un aparato para demostrar la absorción de los gases por el carbón u outra substancia absorbente a bajas temperaturas (1910)

Metodo de dosificación de sulfatos y de toda substancia precipitable, por medio de las densidades, aplicable especialmente a las que son de difícil filtración (1910)

Magnin-Pellerano method for alkaloid sublimation

Magnin-Zappi method for isolating alkaloids (1925)

A device for vacuum sublimation

With Hector Bolognini. Flow meter for petroleum, oils or other liquids of varying viscosity

Jorge Mardones Restat

April 3, 2024

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

Jorge Mardones Restat, Chilean pharmacologist (19 June 1908 – Santiago 03 November 1998)

Authored 175 scientific publications

Showed that human alcoholism displays a hereditary factor (1949). Due to this work won the Jellinek Memorial Award (1992)

Made pioneering studies about the alcoholic effects on nervous system development and the pharmacological basis of addiction

With E. Cruz Coke & M. Plaza de los Reyes proposed a scheme of a number of biochemical reactions in renal hypertension mechanism

With R. Cruz Coke. 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

With S. Contreras & N. Segovia-Riquelme. A method for recognizing specific effects on ethanol intake by experimental animals. Alcohol 5(1):15-9, 1988

Papers in Science

With N. Segovia , F. Alcaino & A. Hederra. Effect of synthetic thioctic or alpha lipoic acid on the voluntary alcohol intake of rats. Science 119(3099):735-6, 1954

With J. Monsalve, M. Vial & M. Plaza de los Reyes. Tissue cytochrome c and prevention of experimental atherosclerosis. Science 114(2963):387, 1951

Jorge Tadeo Lozano

March 6, 2024

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

Jorge Tadeo Lozano de Peralta y Gonzalez Manrique, Colombian statesman, journalist and naturalist (Santafé de Bogotá 30 January 1771 – Santafé de Bogotá 06 July 1816)

Governor of Nueva Granada or Cundinamarca (01 April 1811 – 21 September 1811)

Performed chemical studies in Spain

Conceived chromapicilo, a new device for measuring colours degradation

Idea de un instrumento llamado Chromapicilo que manifiesta la degradación de lós colores (1810)

Authored Fauna Cundinamarquesa (1806) and Memoria sobre las serpientes (1808)

HONORS

Lozania S. Mutis 1810 (Lacistemataceae)

José Albano da Nova Monteiro

April 3, 2024

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

José Albano de Carvalho da Nova Monteiro, Brazilian orthopedic surgeon (Salvador 06 January 1918 – Rio de Janeiro 03 October 2005)

First to use an anterolateral approach for patellofemoral substitution

With J. S. Franco. A new method for treating chronic osteomyelitis. *Folha Med.* 82(1): 47-51, 1981

With V. Giordano Neto & M.L. Castelo Branco. Open fractures of diaphyses of the forearm bones caused by dog bite: a treatment proposal. *Rev. Bras. Ortop.* 32(7):577-80, 1997

Jose Barros Magaldi

April 3, 2024

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

José Barros Magaldi, Brazilian clinical researcher (Tatui, São Paulo State 23 May 1913 – 09 February 1978)

Authored over 50 works

His studies about arterial hypertension are classical works in international specialized literature

Established a general formula for all the cases of cardiac compensation (tachycardia, dilation and hypertrophy)

Os mecanismos de compensação cardíaca. Seara Médica 2(4):370, 1942

Sobre um novo tipo de bloqueio aurículo-ventricular (About a new type of atrioventricular block). O Hospital 22(5):695, 1942

With C.V. de Faria & E. Sabbaga. Técnica para determinação de substâncias anti-diuréticas (1951)

First report in medical literature to reproduce in man the nephrotic syndrome by utilization of aminonucleoside in lab animals

With I. Nussenzweig, C.V. de Faria & J.L. de Faria. Aminonucleoside induced nephrotic syndrome in human beings. Proc. 2nd Int. Congr. Nephrol. (1963)

First report in literature about the occurrence of a true polyuria in the diuretic phase

With I. Nussenzweig, E. Vasconcellos, E. Sabbaga, C. Villela de Faria, H. Pastore, T. Adachi & J.P. Rodrigues Lima. Acute renal failure produced by snake-bite of the Crotalus and Bothrops genera: occurrence of a true polyuria in the diuretic phase . IV Intern. Congr. Nephrol. (1969)

Analysed the calcium and phosphate transport in each segment of Henle loop

With A.S. Rocha & J.P.Kokko. Calcium and phosphate transport in isolated segments of rabbit Henle's loop. J. Clin. Invest. 59:875-93, 1977

With A.S. Rocha. Calcium and phosphate transport in isolated segments of rabbit's Henle loop. J. Clin. Invest. 59:975, 1977 (with good repercussion)

DEVICES

Modified Harrison-Grollman-William plethysmograph for experimental arterial pressure in rat tail

Estudos sobre a pressão arterial experimental. São Paulo Med. (1944)

Aparelho para medir a pressão arterial do rato (1950)

With S. Tsuzuki, O.M. Gomes, N. Gushi, A.S. Rocha & G. Verginelli. Bomba para infusão venosa contínua com baixo fluxo. Novo modelo (1974)

With D.A. Mateos Filho, S. Tsuzuki, O.M. Gomes, N. Gushi & E. Ribeiro. Novo modelo de tubo venoso para hemodiálise acoplado a uma fotocélula (1974)

José Carlos Millás

April 3, 2024

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

José Carlos Millás Hernandez, Cuban meteorologist (La Habana 22 January 1889 – Miami, Florida 28 November 1965)

ACHIEVEMENTS

Established paths of many Atlantic cyclones

First described and characterized the phenomenon of loop recurve in hurricanes (1926)

Described a new dial for the aneroid (1922) and a new nephoscope (1926)

AUTHORED

Sobre un fenómeno interesante de la atmosfera en la región de los cirros (1927)

Un criterio para el pronostico precoz de la actividad ciclónica en la porción occidental de Cuba (1937)

José Correa Gomes Jr.

February 29, 2024

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

José Correa Gomes Jr., Brazilian botanist (São Carlos, São Paulo State 27 February 1919 – 1965)

Introduced the use of pollen grains characteristics in systematic study of Bignoniaceae

Proposed a method of preparation of pollen grains for mounting

Contribuição a Sistematica das Bignoniaceas Brasileiras. Arqu. Serv. Florestal 9:261-96, 1955

With L. Morhy & L.G. Labouriau. *Ocimum nudicaule* Benth., a new source of methyl-chavicol (1970)

DESCRIBED PLANTAE TAXA

Valid Genera

Manaosella 1949

Sampaiella 1949

Spathicalyx 1956

Valid Species

Adenocalymma apparicianum 1949

Adenocalymma microcarpum 1949

Adenocalymma salmoneum 1951

Anemopaegma heringeri 1953

Anemopaegma leucanthum 1962

Clytostoma itatiaiensis 1950

Cuspidaria cratensis 1950

Godmania dardanoi 1964

Spathicalyx kuhlmannii 1956

José Francisco de Madureira Pará

April 3, 2024

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

José Francisco de Madureira Pará, Brazilian pathologist (Rio de Janeiro 29 June 1915 – Rio de Janeiro 10 April 1970)

ACHIEVEMENTS

Described “spider” cells in hepatic atrophies, a feature found in Labrea hepatitis. This discovery was independent from studies of Colombian A. Gast-Galvis
Serviço de Estudos e Pesquisas da Febre Amarela. Annual Report, Rio de Janeiro, 1945

Resumo das atividades do Serviço Nacional de Febre amarela, 1949

Developed Madureira Pará method for leptospirosis diagnosis in paraffin included material

Silver impregnation of spirochaetes in tissue sections. Description of a new technic. Arch. Path. 42:649-55, 1946

A staining method for the microscopical differentiation of Councilman bodies produced by yellow fever and carbon tetrachloride poisoning. Arq. V Congr. Intern. Microbiol. 1:469-71, 1950

José Garcés y Eguía

February 29, 2024

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

José Garcés y Eguía, Spanish / Mexican metallurgist and chemist (died 1824)

Introduced a new method of silver smelting employing sodium carbonate as soldering flux (1785)

Introduced many improvements in patio process such as in pools and the mode of desliming (1786)

Nueva teorica y practica del beneficio de los metales de oro y plata (1802)

José Goldemberg

February 29, 2024

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

José Goldemberg, Brazilian physicist (Santo Angelo, Rio Grande do Sul State 27 May 1928-

Born from Russian Jewish immigrants

ACHIEVEMENTS

Confirmed that light elements atoms can undergo fission too

Electrofission of 24 Mg. Bull.Am.Phys.Society. 17:440, 1972 (with A.H. Chung, A.E. Litherland & H.L. Pai)

Established upper limit for dipole electrical momentum of electron

Developed a technique for nuclei magnetic moments measurements

Created methods for studying the reactions between light and atomic nuclei and calculate the shape of these nuclei

Conceived the first photon monochromator for bremsstrahlung radiation

A photon monochromator for Bremsstrahlung Radiation. Phys.Rev. 93:1426-1427, 1954.

Um novo método para a investigação de reações fotonucleares (A new method for studying photonuclear reactions) 1954

With G. Moscati. Um sistema detector de nêutrons para aceleradores pulsados (A detecting neutron system for pulsating accelerators). Anais Acad. Bras. Ciências 33(1):25-9, 1961

HONORS

Volvo Environmental Prize 2000

Blue Planet Prize 2008

Ernesto Illy Trieste Science Prize 2010

Jose Gregorio Hernandez

February 29, 2024

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

José Gregório Hernandez Cisneros, Venezuelan pathologist (Isnotú, Trujillo State 25 October 1864 – Caracas 26 June 1919)

Demonstrated that the quantity of red cells in inhabitants of tropical region is smaller than that in temperate zones

Sobre el numero de los globulos rojos. Gac. Med. Caracas 1(15):84, 1893-4

Described the angina pectoris of yellow fever

Sobre la angina de pecho de naturaleza paludosa. Gac. Med. Caracas 1(21):129-31, 1894

José Guilherme Lacorte

March 6, 2024

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

José Guilherme Lacorte, Brazilian microbiologist and immunologist (Bragança Paulista, São Paulo State 08 December 1900 – Rio de Janeiro 09 April 1983)

Described *Corynebacterium haemolytium*

With M. Santos. Endocardite e septicemia pelo *Corynebacterium haemolytium* n.sp. Mem. Inst. Oswaldo Cruz p.457-67, 1944

Processos de laboratório para o diagnóstico da difteria. Acta Med. 5(3):188-98, 1940

With Estácio Monteiro. Métodos de homogeneização de material para pesquisa do bacilo de tuberculose em cultura. Bras. Med. 54(49):807-8, 1940

Vírus e câncer, provável isolamento de vírus de câncer humano. J. bras. Med. 19(1):65-71, 1970

SOME BIBLIOGRAPHY

Persistence of influenza vírus in hamsters inoculated by intracerebral route. Mem. Inst. Oswaldo Cruz 72(1-2):129-30, 1974

Prolongada persistência do vírus da gripe em hamsters inoculados por vias parenterais e nasal. Mem. Inst. Oswaldo Cruz (1973)

Transmissão congênita do vírus da gripe inoculado em hamsters (1972)

With E.F. Monteiro & J.C. Loures. Ação do radium sobre o vírus da coriomeningite linfocitária benigna. Mem. Inst. Oswaldo Cruz 65-6:181-96, 1967

Persistence of influenza virus in mice inoculated by peritoneal route and their congenital transmission. O Hospital 71(1):141-4, 1967

With E.F. Monteiro & J.C. Loures. Effect of lyophilization on the pathogenic power of the influenza vírus. Rev. Bras. Med. 19:8-9, 1962

New ideas on virus diseases caused by hepatotropic and pantropic viruses. Rev. Bras. Med. 19:489-90, 1962

Dissociação entre as propriedades imunizante e hemaglutinante do vírus da gripe. Rev. Bras. Med. 18(6):377-84, 1961

O vírus da poliomielite e a vacina Salk (1958)

With E.F. Monteiro & J.C. Loures. Résisténce de quelques virus a l'action oligodynamique de l'argent. Abst. Comm.VII th Intern. Congr. Microb. 290 (1958)

With E.F. Monteiro & J.C. Loures. Influences des rayons X sur le virus de la gripe. Atti VII Congr. Int. Microb. 3:104, 1953

Pneumotropic virus, the virus of influenza or flu. Rev. Bras. Med. 6(1):23-8, 1949

Emprego da anatoxina estafilocócica. O Hospital 13:715-7, 1938

A reação de Machado na moléstia de Chagas. Acta Medica 1:264-74, 1938

Inoculação experimental de bacilos de Koch de proveniência urinária. O Hospital 9(1):99, 1937

Curioso aspecto morfológico do bacilo de Koch. O Hospital 8(1):35, 1936

Anatoxina diftérica. Rev. Med. Militar 4 (1933)

Moléstia de Hodgkin e corynebactérias. Mem. Inst. Oswaldo Cruz 22(2), 1929

Influência do pH sobre as colorações do Giemsa. Mem. Inst. Oswaldo Cruz Suppl. 1:9, 1928

With A. Godoy. Action d'un noyau de l'oxyaminoquinoléine sur les gamètes et les sporozoites de l'Halteridium du pigeon. Comp. Rend. Soc. Biol. 98:617-9, 1928

With G.G. Villela. O líquido cephalo-raqueano na febre amarela. Mem. Inst. Oswaldo Cruz 2:62-4, 1928

A reação do desvio do complemento na moléstia de Chagas. Mem. Inst. Oswaldo Cruz 20:211, 1927

José Henrique Guimarães

February 29, 2024

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

José Henrique Guimarães, Brazilian entomologist (Rio de Janeiro 08 October 1937 – São Paulo 14 October 2008)

Regarded as world authority on Diptera Tachinidae

Authored 96 scientific works

DESCRIBED DIPTERA TAXA (185 in total)

Genera

Aldrichiopa 1971

Andinocuterebra 1984

Cuterebrella 1984

Eumesebrinellina 1977

Hemisturmiella 1983

Iceliopsis 1976

Manteomasiphya 1966

Neomasiphya 1966

Neophasmophaga 1982

Neosophia 1982

Neozelia 1975

Polybiocyptera 1979

Sophiella 1982

Souzalopesiella 1977

Tettigoniophaga 1978

Thelairoporia 1980

Thompsoniella 1977

Species

At least 163

HONORS

Henriquella Bonatto 2005 (Diptera)

José Izquierdo Esteva

February 29, 2024

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

José Benito de la Consolación Izquierdo Esteva, Venezuelan surgeon (Caracas 12 January 1887 – Caracas 03 December 1975)

Authored 57 scientific papers

Developed new surgical techniques

Proposed the extravesical suprapubic prostatectomy or Millin technique later the English surgeon popularized it

Prostatectomía suprapúbica extravesical. Gac. Med. Caracas 21 (23):233-5, 1914

LINKS (bibliography)

<http://vitae.ucv.ve/?module=articulo&rv=66&n=2376&m=4&e=2380> See <http://vitae.ucv.ve/?module=articulo&rv=66&n=2376&m=4&e=2380>.

His nephews, Francisco Plaza Izquierdo, Venezuelan surgeon and anatomist (Caracas 01 February 1916 – 25 December 2007)

Developed a technique for replacing human arteries using umbilical cord as vascular prosthesis (1962)

El cordón umbilical como sustituto de conductor orgánico y tejidos. Bol. Soc. Venez. Cir. 71-2:14-20, 1963

Heteroinjertos vasculares experimentales con cordón umbilical. Bol. Soc. Venez. Cir. 18(5):1069-77, 1964

Utilidad de la vena del cordón umbilical en la reparación de arterias humanas (1983)

SOME BIBLIOGRAPHY

Gastroduodenostomia combinada o no con ligadura del piloro en el tratamiento del ulcus gastro-duodenal (1940)

Variación de la arteria femoral profunda

Fascículo condor epitroclear del pectoral mayor

Luis Plaza Izquierdo, Venezuelan surgeon and anatomist (Caracas 24 May 1920 – 1982)

Developed Yerena-Plaza Izquierdo technique for staining microscopic sections (1969)

José Jesuíno Maciel

April 3, 2024

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

José Jesuíno Maciel, Brazilian physician (Rio de Janeiro 07 November 1881 – São Paulo 17 July 1961)

With A. Carini *Rangelia vitalii* etiologic agent of canine rangeliosis or nambiuvu (1915)

DESCRIBED PARASITE PROTOZOA

Family Pneumocystidae with Pinto & Paraguassu 1955

Genus *Rangelia* with Carini 1915

Species *Eimeria arnaldoi* 1929 & *Isospora neivai* 1929 with C. Pinto

HONORS

Macielia Travassos 1935 (Nematoda)

José Leite Lopes

March 6, 2024

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

José Leite Lopes, Brazilian theoretical physicist (Recife 28 October 1918 – Rio de Janeiro 12 June 2006)

ACHIEVEMENTS

Published more than 80 works

Developed with Feynman a pseudoscalar theory of deuteron

With R.P. Feynman. Symposium on New Research Techniques in Physics p. 251, 1954.

Predicted existence of neutral vectorial boson (Zo boson), that mediates interactions in electromagnetic forces (1958)

Proposed that coupling constant of vectorial bosons with weak charged current would be equal to electromagnetic coupling constant

A model of the Universal Fermi interaction. Nuclear Physics 8:234-6, 1958.

First to compute induced pseudoscalar coupling in interaction between muons and light nuclei (1958)

Capture of negative muons by light nuclei. Physical Review 109:509, 1958

Performed the first computing related to beta decay of lambda hyperon (1958)

Anais da Academia Brasileira de Ciencias 29:251, 1958.

Proposed that leptons are composed of a $\frac{1}{2}$ spin sub particle

Developed a new aspect of Hamilton variational principle

BOOKS

Fondements de la Physique Atomique (Hermann, 1967)

Lectures on Symmetries (Gordon & Breach, 1969)

Gauge Field Theories (Pergamon Press, 1981)

Theorie Relativiste de la Gravitation (Masson, 1993)

With B. Escoubes. Sources et Evolution de La Physique Quantique (Masson, 1995)

PROFESSORSHIP

Visiting Professor, Faculté des Sciences de Orsay (1964-7)

Visiting Professor, Carnegie Mellon University (1969-70)

Honorary Professor, Université Louis Pasteur of Strasbourg (1970-86)

Emeritus Professor, Université Louis Pasteur of Strasbourg (1986)

José Leme Lopes

March 6, 2024

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

José Leme Lopes, Brazilian psychiatrist (Rio de Janeiro 20 October 1904 – Rio de Janeiro 04 June 1990)

Authored *As dimensões do diagnóstico psiquiátrico e contribuição para a sua sistematização* (The dimensions of the psychiatric diagnosis – contribution to its systematization) in 1954. This monograph was important in multi-axial diagnosis field and its cover reproduced in Kaplan & Sadock Comprehensive Textbook of Psychiatry (1995)

HONOURS

Honorary member, Royale Société de Médecine Mentale (Belgium)

Life Member, Society for Personality Assessment (New York)

LINKS

http://www.abpbrasil.org.br/historia/galeria/Leme_Lopes.pdf (biobibliography in Portuguese)

Jose Lemos Monteiro

April 3, 2024

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

José Lemos Monteiro da Silva, Brazilian microbiologist and immunologist (Juiz de Fora, Minas Gerais State 24 October 1893 – São Paulo 06 November 1935)

Authored 76 papers

Coined the term rickettsiosis (1931)

Improved the preparation methods for sera against diphtheria and tetanus

Established a simple and economic technique for tetanic antitoxin production

Immunização anti-tetânica pelo método toxoide-toxina. Mem. Inst. Butantan 2:85, 1925

Anatoxina diftérica e seu valor prático. Preparo, poder antigenico, emprego na produção de antitoxina e na prophylaxia da diphteria Mem. Inst. Butantan 3:96, 1926

Proposed the Monteiro-Godinho filtration technique

Nouvelle technique pour la préparation du vaccin contre la fièvre jaune C.R. Soc. Biol. 104:695-7, 1930

Developed a technique of vaccine production against Rocky Mountain spotted fever (1933)

One of the firsts to show the presence of bacteriophages in rivers

Presence du bacteriophage dans l'eau des rivières de S. Paulo. Mem. Inst. Butantan 3:187, 1926

LINKS

<https://bibliotecadigital.butantan.gov.br/arquivos/81/PDF/1659.pdf> (bibliography)

José Liebermann

March 6, 2024

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

José Liebermann, Jewish Argentine entomologist (Villaguay, Entre Ríos Province 26 December 1897 – Buenos Aires 22 October 1980)

Described a new form of oviposition

Sobre una nueva forma de oviposición en un acridio sudamericano, *Scotussa cliens* (Stal) Lieb. (Orth, Acrid. Cyrtacanth). Revta Invest. Agric. Buenos Aires 5:235-80, 1951

Described a new organ in this species

El alótipo hembra de *Trybliophorus modestus* Bruner (Orth, Acrid, Trybliophorini) con la descripción de un organo desconocido en su septimo esternito abdominal. Anales Soc. Cien. Arg (1953)

Found a natural enemy for *Aphis asclepiadis* Fitch

Consideraciones definitivas acerca de la lucha biológica contra las plagas de la humanidad. Un nuevo enemigo natural del *Aphis merii* Boyer, el terrible pulgón del laurel rosa. Physis 10(35):166-70, 1930

DESCRIBED GENERA

Orthoptera

Chilacris 1943

Covasacris 1970

Daguerreacris 1970 with Descamps

Flamiruizia 1943

Gurneyacris 1958

Nahuelia 1942

Philippiacris 1943

Uretacris 1943

Tetrixocephalus 1963 with Gurney

Thysanoptera

Mesopotamothrips 1931 with Gemigniani

HONORS

Liebermannia Sokolova, Lange & Fuka 2006 (Fungi)

Liebermannacris Costa & Carvalho 2006 (Orthoptera)

José Lignieres

March 6, 2024

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

Joseph Leon Marcel Lignieres, French-born Argentine veterinarian and bacteriologist (Saint-Michel, Meuse Department 26 July 1868 – Buenos Aires 20 October 1933)

ACHIEVEMENTS

Named pasteurellosis and salmonellosis

Described enteque seco or enzootic calcosinosis in bovine

Contribution a l'étude de la pasteurellose bovine connue em Argentine sous les nomes de “Diarrhée” et d’"Entequé”. Bull. Soc. Centrale Med. Vet. Paris Nouv. Ser. 16:761-92, 1898

Described hemorrhagic septicemia in sheep (1898)

Classified hemorrhagic septicemia

Contribution à l'etude et à la classification des septicémies hémorragiques. Les Pasteurelloses. Ann. Inst. Pasteur 15:734-6, 1900

Described actinobacillosis, isolated Actinobacillus sp. and differentiated from actinomycosis (1902). This microbe was named *Actinobacillus lignieresii* in his honor

With J. Spitz. Contribution a l'etude des affections connues sous le nom d'actinomycose – actinobacilllose. Rev. Soc. Med. Arg. 5:105, 1902

With J. Spitz. Contribution a l'etude des affections connues sous le nom d'actinomycose. Arch. Parasitol. 7:248, 1903

First description of arteriosclerosis in sheep

Arteriosclerose epidemica en el ovino. Revta. Zootecn. 4(37):1-7, 1912

DESCRIBED GENERA

Salmonella 1900 (Bacteria)

Hemisarcoptes 1893 (Acari)

EPONYMY

Lignieres medium

Lignieres method of vaccination

Lignieres-Spitz staining method for actinobacillosis

Lignieres test, a cuti-tuberculin reaction modified from Moro test

Lignieres ganglia

Genus *Ligniera* Maire & Tison 1911 (Fungi)

Jose Lourenço de Magalhaes

April 3, 2024

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

José Lourenço de Magalhães, Brazilian leprologist and ophthalmologist (Estancia, Bahia State 11 September 1831 – São Paulo 23 November 1905)

Recognized abroad as a remarkable scholar on skin and blood diseases

DEVELOPED

METHODS

Observations cliniques sur um nouveau procédé de traitement des affections oculaires au moyen d'un vaporisateur. Journ. D'Ophthalm. (1872)

Proposed a new method for treatment of leprosy (1878)

INSTRUMENTS

Observations cliniques sur um nouveau procédé de traitement des affections oculaires au moyen d'un vaporisateur. Journ. D'Ophthalm. (1872)

De la kystitomie et d'une nouvelle pince-hystitome. Journ. D'Ophtalmol. (1872)

D'une pince nouvelle pour l'agrandissement pour la commissure palpebrae externe. Journ. D'Ophtalmol. (1872)

Da kistitomia e dos resultados obtidos com o meu kistitómo (1874)

SOME BIBLIOGRAPHY

Etude sur la lepre (1901)

Considerations sur la lepre au Bresil (1897)

A morphea é contagiosa? Brasil Medico (1893)

A morphea e a sua curabilidade (1885)

A morphea no Brazil (1882)

Patologia e tratamento da lepra (unpublished)

HONOURS

Correspondent Fellow, Société Medicale d'Emulation de Paris

Jose Luis Massera

April 3, 2024

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

Jose Luis Massera Lerena, Italian-born Uruguayan mathematician (Genoa 08 June 1915 – Montevideo 09 September 2002)

Gained international recognition for his studies on non-linear differential equations

A much quoted paper

With J.J. Schaffer. Linear differential equations and function spaces (1966)

Massera lemma

On Liapounoff's conditions of stability. *Annals of Mathematics* 50(3):705-21, 1949

Massera convergence theorem

The existence of periodic solutions of systems of differential equations. *Duke Math.J.* 17(4):457-75, 1950

Demonstrated variety stable theorem (1950s)

INTRODUCED

Notion of admissibility with J.J. Schaeffer

Notion of exponential dichotomy (1958) with J.J. Schaeffer

New notions of stability

Definition of equiasymptotic stability with J.J. Schaeffer

Operator opening with J.J. Schaeffer

Concept of dichotomy of phase space with J.J. Schaeffer

EPONYMY

Massera converse theorem

Massera functions

Massera equations

Massera principle

Massera condition

Massera criterion (1958)

Massera-Schaeffer existence theorem

Massera-Schaeffer inequality

Levinson-Massera inequalities

Malkin-Massera theorem

HONORS

10690 Massera (Asteroid)

José María Gallardo

February 29, 2024

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

José María Alfonso Félix Gallardo, Argentine herpetologist (Buenos Aires 01 August 1925 – 12 October 1994)

Authored about 65 papers in herpetology

DESCRIBED VALID TAXA

Amphibia

Subfamily

Batrachylinae 1965

Genera

Hydrolaetare 1963

Melanophryscus 1961

Species

Alsodes gargola 1970

Atelognathus patagonicus 1962

Crossodactylus schmidtii 1961

Lysapsus caraya 1964

Pseudis boliviana 1961

Pseudis caraya 1964

Pseudis platensis 1961

Rhinella azarai 1965

Rhinella fernandezae 1957

Rhinella gnustae 1967

Rhinella humboldti 1965

Rhinella merianae 1965

Rhinella mirandaribeiroi 1965

Rhinella quechua 1961

Telmatobius atacamensis 1962

Reptilia

Species

Kentropyx lagartija 1962

Ophiodes yaaipoi 1966

Pristidactylus achalensis 1964

Pristidactylus araucanus 1964

Pristidactylus casuhatiensis 1968

Jose Maria Maza

April 3, 2024

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

José María Maza Sancho, Chilean astrophysicist (Valparaíso 18 January 1948 –

Authored over 120 scientific works (with 9,200 citations by Publons)

Discovered a new component of dark energy and a technique for measuring the distances using type I supernovae

With M. Hamuy, M.M. Phillips, N.B. Suntzoff & P. Avilés. SN1992bc and SN1992bo: Evidence for intrinsic differences in type1A supernova luminosities. *Astrophys. J.* 424 (1994)

His work in astronomy / astrophysics enabled the discoveries that lead to 2011 Nobel Prize in Physics

Papers in Nature

With P.G. Martin & J.R.P. Angel. The polarisation of nova Valpeculae. *Nature* 265(5592):314–5, 1977

With M. Hamuy, M.M. Phillips, N.B. Suntzeff, L.E. Gonzalez, M. Roth et al. An asymptotic giant branch star in the progenitor system of a type Ia supernova. *Nature* 424 (6949):651–4, 2003

DISCOVERED / OBSERVED

More than 120 supernovae,

More than 900 quasars

More than 150 Seyfert galaxies

More than 500 galaxies with intensive stellar formation

A great number of carbon stars

With M. Hamuy, J.S. Deng, P.A. Mazzali, N.I. Morrell, M.M. Phillips et al. Supernova 2003bg: the first type IIb Hypernova. *Astrophys. J.* 703(2):1612–23, 2009

With N.D.Morgan, M.D. Gregg, L. Wisotzki, R. Becker, P.L. Schechter & R.L. White. CTQ327: a new gravitational lens. *Astrophys. J.* 126(2):696–705, 2003

With J.N. Winn, J.N. Hewitt, A.R. Patnaik, P.L. Schechter, R.A. Schommer, S. Lopez & S. Wachter. A nearly symmetric double-image gravitational lens. *Astron. J.* 121(3):1223–31, 2001

With M.T. Ruiz, P.M. Rojo & G. Garay. CE315: a new interacting double-degenerate binary star. *Astrophys. J.* 552(2):679–84, 2001

With N.D. Morgan, P.L. Schechter, J.N. Winn & A. Dressler. CTQ144: a new gravitational lens. *Astron. J.* 118(4):1444–9, 1999

With J. Rossa, C. Tappert & Th. Augsteijn. Two new quasars at $Z=1.90$ and $Z=0.15$ from the Calán-Tololo survey. *Astron. Astrophys.* 350:379–80, 1999

With L. Wisotzki, N. Christlieb, M.C. Liu, N.D. Morgan & P.L. Schechter. The new complex gravitational lens system HE0230–2130. *Astron. Astrophys.* 348:41–4, 1999

With M. Wischnjewsky & R. Antezana. Calán-Tololo survey. VIII. One hundred southern quasars. *Rev. Mex. Astron. Astrofís.* 32:35–45, 1996

With P.F. Ortiz, M. Wischnjewsky, R. Antezana & L.E. Gonzalez. Calán-Tololo survey. VII. One hundred new southern quasars. *Rev. Mex. Astron. Astrofís.* 31(2):159–69, 1995

With M. Wischnjewsky, R. Antezana & L.E. Gonzalez. Calán-Tololo survey. VI. One hundred new southern quasars. *Rev. Mex. Astron. Astrofís.* 31(2):119–29, 1995

With M.T. Ruiz, L.E. Gonzalez, M. Wischnjewsky & R. Antezana. Calán-Tololo survey. V. Two hundred new southern quasars. *Rev. Mex. Astron. Astrofís.* 25(1):51–7, 1993

With L.E. Gonzalez, M. Wischnjewsky & F. Barrientos. A new cataclysmic variable star. *Publ. Astron. Soc. Pacific* 104:1060, 1992

With M. Peña, S. Torres Peimbert & M.T. Ruiz. A newly discovered carbon-poor planetary nebula PN242–371. *Astron. Astrophys.* 237(2):454–60, 1990

With M. Peña, M.T. Ruiz & L.E. Gonzalez. A new halo planetary nebula. *Rev. Mex. Astron. Astrofís.* 17(1):25–30, 1989

HONOURS

108113 Maza (asteroid)

José Mariano Mociño

April 3, 2024

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

José Mariano Mociño Lozada, Mexican / Spanish physician, naturalist and anthropologist (Temascaltepec, Nueva España September 1757 – Barcelona, Spain 19 May 1820)

He was professor at Université de Geneve

DESCRIBED PLANTAE TAXA

Valid Genera

Agdestis 1817 with Sessé (Phytolaccaceae)

Carminatia 1838 (Asteraceae)

Cerdaia 1828 with Sessé (Caryophyllaceae)

Enthomanthus with Sessé (Caprifoliaceae)

Lepidopappus 1836 with Sessé (Asteraceae)

Recchia 1817 with Sessé (Surianaceae)

Trimetra 1838 (Asteraceae)

Trivolvulus 1845 with Sessé (Convolvulaceae)

Species

About 1400 species from Mexican and Guatemalan flora

HONORS

Genus *Mocinnodaphne* Lorea Hernandez 1995 (Lauraceae)

Section *Mozinna* Ortega 1798 (Euphorbiaceae)

José Martins da Cruz Jobim

March 1, 2024

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

José Martins da Cruz Jobim, Brazilian physician (Rio Pardo, Rio Grande do Sul State 26 February 1802 – Rio de Janeiro 23 August 1878)

Reported about a disease named opilation or intertropical hypoemy that affected poor people in Brazil. His theories about this disease gained international recognition and great medical treatises of this epoch cited his works. Nevertheless some decades later this disease was proved to be ancylostomiasis.

Authored first medical report in which African negroes displayed remarkable resistance against malarial infections than other sets of populations (1835). This report anticipated US researcher Lobby in 1846

Discurso sobre as moléstias que mais affligem a classe pobre do Rio de Janeiro. Typographia Fluminense de Brito e Comp., 1835

José Miguel Mendoza

April 3, 2024

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

José Miguel Mendoza, Philippine mycologist and food scientist (fl.1925–63)

DESCRIBED FUNGI TAXA

Valid Genera

Limaciniopsis 1925

Scolecopeltidella 1925

Scoriadopsis 1930

Species

Aithaloderma fici 1932

Amanita manilensis 1937 com Leus-Palo

Anthurus brownii 1934

Asterina phaleriae 1932

Asterina plectronica 1932

Asterina plectronicaecola 1932

Asterina xylosmae 1932

Asterinella capizensis 1932

Chaetothyrium muriforme 1932

Cercospora malvastri 1941

Cercospora merremiae 1941

Cercospora operculinae 1941

Limaciniopsis rollandiae 1925

Phragmocapnias smilacina

Scolecopeltidella palmarum 1925

Scoriadopsis miconiae 1930

Stomiopeltella cassiae

Stomiopeltella suttoniae

HONORS

Mendoziopeltis Batista 1959 (Fungi)

José Mordoh

April 3, 2024

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

José Mordoh, Argentine molecular biologist and oncologist (Buenos Aires 19 February 1939 –

Authored 140 papers

Demonstrated the fundamental role of cellular membrane in transduction of mitogenic signs to nucleus

Demonstrated the presence of stem cells in breast cancer

Established melanoma and breast cancer human cells lines for studies in vitro and in vivo such as IIB-BR-G (1991), IIB-MEL-J (1989), IIB-MEL-LES & IIB-MEL-IAN (1995)

With Susan Blau. A new element in the control of DNA initiation in *Escherichia coli*. Proc. Natl. Acad. Sci. USA 69(10):2895-8, 1972

With A.O. Pogo & J.R. Cordero Funes. Cytophotometry of DNA in liver cell nuclei during postnatal growth. New aspects of DNA class cells. Exp. Cell Res. 21:482-97, 1960

With B.R. Friedlander. Synthesis of a compound soluble in organic solvents from deoxycytidine triphosphate in permeabilized normal human lymphocytes. Mol. Cell. Biochem. 16(2):177-85, 1977

With S. Leis, A.I. Bravo, O.L. Podhajcer, C. Ballaré, M. Capurro, C. Kairiyama & L. Bover. Description of a new monoclonal antibody, FC-2.15, reactive with human breast cancer and other human neoplasias. Int. J. Biol. Markers 9(3):125-34, 1994

With I.J. Tapia, M. Aris, J.M. Arriaga, P.A. Blanco et al. Development of a novel methodology for cryopreservation of melanoma cells applied to CSF470 therapeutic vaccine. Cryobiology 67(2):163-9, 2013

First to demonstrate that after irradiation a fraction of tumor cells present large lipid bodies which mainly contain high concentration of triglycerides

With G.A. Pizzurro, F.P. Madorsky Rowdo, I.M. Pujol-Lereis, A.M. Copati, M.P. Roberti, J.L. Teillaud, E.M. Levy, M.M. Barrio & L. Quesada Allué. High lipid content of irradiated human melanoma cells does not affect cytokine-maturated dendritic cell function. Cancer Immunol. Immunother. 62(1):3-15, 2013

Papers in top journals

With M. Resnicoff, E.E. Medrano, O.L. Podhajcer, A.I. Bravo & L. Bover. Subpopulations of MCF7 cells separated by Percoll gradient centrifugation: a model to analyze the heterogeneity of human breast cancer. Proc. Natl. Acad. Sci. USA 84(20):7295-9, 1987

With S. Cabral, S. Leis, L. Bover & M. Nembrot. Dipyrindamole inhibits reversion by thymidine of methotrexate effect and increases drug uptake in Sarcoma 180 cells. Proc. Natl. Acad. Sci. USA 81(10):3200-3, 1984

With B.R. Friedlander & E.E. Medrano. Synthesis of DNA in human lymphocytes: possible control mechanism. Proc. Natl. Acad. Sci. USA 71(4):1128-32, 1974

With Y. Hirota & F. Jacob. On the process of cellular division in *Escherichia coli*. V. Incorporation of deoxynucleoside triphosphates by DNA thermosensitive mutants of *Escherichia coli* also lacking DNA polymerase activity. Proc. Natl. Acad. Sci. USA 67(2):773-8, 1970

With L.F. Leloir & C.R. Krisman. In vitro synthesis of particulate glycogen. Proc. Natl. Acad. Sci. USA 53:86-91, 1965

PATENTS

With O.L. Podhajcer, S.L. de Cerone & A.I. Bravo. Monoclonal antibodies reactive with tumour proliferating cells. US Patent 5753229 A (1991)

With M.M. Barrio & E.M. Von Euw. Cell lines, compositions comprising them for the treatment of melanomas, procedures to prepare the compositions, and treatment methods. ARP070101502A (2007) EP08737810A (2008) PCT/IB2008/051385 (2008) CO6260100A2 (2009) WO 2008126039 patents in Australia, Canadá, Denmark, New Zealand, United States, Japan, Korea, Spain, Mexico, Russia, China & South Africa

With G.A. Rabinovich, O.L. Podhajcer, L. Fainboim, M. Alvarez & N. Rubinstein. A composition, a vector and a method used in anti-tumoral therapy, and use of galectin-1 (gal-1) inhibitors in the preparation of a medicinal product for tumor cell therapy AR037550A1 (2002)

With O.L. Podhajcer, M.F. Ledda, S.A. Adris, A.I. Bravo & Y. Chernajovsky. Compositions and methods for tumour therapy. EP090097A2 (1997) PCT/GB1997/003548 (1997) WO1998/029138 & EP0950097 (1999) patents in Australia and United States

José Moura Gonçalves

February 29, 2024

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

José Moura Gonçalves, Brazilian biochemist (Rio de Janeiro 05 January 1914 – São Paulo 19 October 1996)

ACHIEVEMENTS

With C. R. Diniz isolated and characterized the active compounds of venom from *Tityus serrulatus* such as tityustoxin

Isolated neurotoxin protein crotoamine from venom of rattlesnakes and studied its pharmacological properties

Developed new methods for protein isolation and characterization

Developed techniques of osmotic pressure, dilatometry and enzymes microtitration in tissue cuts

Determination of the coefficient of absorption of light in the cells. Rev. Bras. Biol. 4(1):125-30, 1944

Jose Pereira Guimarães

February 29, 2024

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

José Pereira Guimarães, Brazilian surgeon and anatomist (Rio de Janeiro 01 October 1843 – Rio de Janeiro 21 March 1915)

ACHIEVEMENTS

Developed a treatment for aneurysms employing transcutaneous applications of faradic current. This method was released in France by Reclus and known as Brazilian method (1874)

Developed a new procedure of total resection of upper jaw

Novo processo de ressecção total do maxillar superior com o mais completo resultado n'um caso de carcinoma encephaloide do maxillar superior. Rio de Janeiro, 1887

Created a table suited to surgical interventions

MEMBERSHIP

Correspondant Member, Societé de Hygiène de Paris and other European scientific associations

José Rodolfo Galvele

February 29, 2024

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

José Rodolfo Galvele, Argentine metallurgist (Buenos Aires 10 March 1937 – Buenos Aires 31 July 2011)

Authored one book and more than 160 papers

Found that aluminum suffered from intergranular corrosion with hydrogen bubbles diffusing along grain boundaries and also showed that alloying elements eliminated molecular hydrogen improving the corrosion resistance of aluminum in his Ph.D dissertation (1962)

A methodology for the prediction of susceptibility to stress corrosion cracking (1976)

Proposed a simple model to explain pitting corrosion mechanism or acid induced pit stabilization theory (1976-84)

Proposed a famous mechanism of stress corrosion cracking or surface mobility mechanism known as Galvele model (1986-7)

With G.S. Duffó developed an equation for the calculation of the surface mobility coefficient based on exchange current density

SOME BIBLIOGRAPHY

With C.M. Giordano, S.B. Farina & G.S. Duffó. Steric hindrance as a rate controlling step in stress corrosion cracking. *Corrosion Science* 49(6):2745-53, 2007

Tafel's law in pitting corrosion and crevice corrosion susceptibility. *Corrosion Science* 47(12):3053-67, 2005

With S.A. Serebrinsky. Effect of the strain rate on stress corrosion crack velocities in face-centred cubic alloys. A mechanistic interpretation. *Corrosion Science* 46(3):591-612, 2004

Application of the surface-mobility stress corrosion cracking mechanism to nuclear materials. *J. Nuclear Materials* 229:139-48, 1996

Surface mobility mechanism of stress corrosion cracking. *Corrosion Science* 35(1-4):419-34, 1993

With G.S. Duffó. Experimental confirmation of the surface mobility stress-corrosion cracking mechanism: Ag-15Pd, Ag-15Au and Ag-30Cd alloys in halid and sulfate containing solutions. *Corrosion Science* 30(2-3), 1990

With R.M. Carranza. Repassivation kinetics in stress corrosion cracking. *Corrosion Science* 28:233, 1988

With Y.S. Park, A.K. Agrawal & R.W. Staehle. Stress corrosion cracking and anodic behavior of AISI-304 stainless steel, Inconel-600 and Inconel-800 straining in boiling NaOH solutions. *Corrosion* 34, 1978

With J.B. Lumsden & R.W. Staehle. Effect of molybdenum on the pitting potential of high purity 18% Cr ferritic stainless steels. *J. Electrochem. Soc.* 125:1204, 1978

With I.L. Muller. Pitting potential of high purity binary aluminium alloys-Al-Cu-alloys pitting and intergranular corrosion. *Corrosion Science* 17(3):179-93, 1977

Transport Processes and the mechanism of pitting of metals. *J. Electrochem. Soc.* 123(4):464-74, 1976

With S.B. de Wexler. Anodic behavior of aluminium straining and a mechanism for pitting. *J. Electrochem. Soc.* 121(10), 1974

With S.M. de DeMicheli. Mechanism of intergranular corrosion of Al-Cu alloys. *Corrosion Science* 10(11); 795, 1970

With T.P. Hoar. Anodic behavior of mild steel during yielding in nitrate solutions. *Corrosion Science* 10(4):211-24, 1970

With J. Mazza. Corrosion of superpure aluminium in distilled water at high temperature. *J. Nuclear Materials* 13(1):92-9, 1964

With A.D. Keitelman. Pitting and pitting inhibition of iron in sodium sulfate solutions. *Corrosion Science*

HONORS

Corrosion Science TP Hoar Award (1981 & 1987)

Nace Whitney Award (1999)

Evans Award, Institute of Corrosion, United Kingdom (1999)

LINKS

<http://www.ancefn.org.ar/institucional/docs/CVGalvele-esp.pdf>

Jose Salvador Gandolfo

February 29, 2024

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

José Salvador Gandolfo Pozzo, Argentine hydraulic engineer (Buenos Aires 30 March 1902 – 16 March 1989)

Authored over 30 works

METHODS/INVENTIONS

Patented a kind of bypass work for rivers without entrance of drag material (1951-2)

Gandolfo-Cotta shock absorber of kinetic energy for guided lamina (1956)

Gandolfo-Cotta shock absorber of kinetic energy for flood-gates outlay (1958)

Gandolfo-Cotta shock absorber of kinetic energy for laminated side (1959)

Gandolfo conjugated slopes method

Hydraulic servomechanism with constant level (1956) with Roberto Diego Cotta

HONORS

Golden Medal, Vermeil Societé d'Encouragement pour la Recherche et l'invention de France

Houssay Award, OAS (1975)

José Venâncio Pereira Leite

March 6, 2024

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

José Venâncio Pereira Leite, Brazilian physiologist (Cuiabá 11 March 1920 – São Paulo 26 December 1980)

Discovered that early newborn babies require low quantities of oxygen due to Bohr effect (higher quantities can be toxic)

TECHNIQUES/INVENTIONS

Described a new plethysmograph (1951)

With E.M. Tinoco. Early diagnosis and prognosis of shock by an original plethysmographic technique. Rev. Bras. Cir. 24(2):183-214, 1952

With C.E. Negreiros de Paiva. Artefato de estímulo. Uma técnica fácil de sua eliminação (1954)

Electrolytic method for preparation of pure oxygen for physiological purposes. Acta Physiol. Latinoam. 11(4):243, 1961

With R.F. Marseillan. Dourado eletrolítico de eletrodos para implantação permanente (1961)

A respiration calorimeter with automated determination

A digital isometric miograph (with C.E. Negreiros de Paiva) 1966

Equipment for manometry of biliary during surgery

Conductivity bridges and cells for electrical measurement of human serum and plasma

A continuous current source for iontophoretic purposes (with J.R. Woiski)

A construction technique of chromatography columns

A technique of sealing metal in glass for manufacture of many kinds of electrode

Suppressing electrode for stimulus artifact

Developed a coulometric method of oxygen consumption measurement (1971)

With L.C. Michelini & E.M. Krieger. A new electrolyte strain gauge to study changes in aortic caliber produced by hypertension. J. Hypert. Diseases, 1981

Developed a new process for recording the in vitro activity of vascular segments described in Diewirkung des digitoxins auf isolerte segmente menslicher saphena Nebenvenen

A thermostatic chambre (with J.P. Brittes)

A photoelectric pletysmograph

A transistorized electric integrator for analyses of pressoreceptors discharges

A chamber for measuring the oxygen uptake by newborn babies (1972)

José Vicente Martins Campos

April 3, 2024

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

José Vicente Martins Campos, Brazilian pediatric gastroenterologist (Santa Cruz das Palmeiras, São Paulo State 23 June 1923 – São Paulo 08 September 1998)

Of Italian descent from maternal side

Authored over 150 works

DEVELOPED

MEDICINES

Rarical, Resprin, Hydrax & Enterocin (for Johnson&Johnson)

METHODS

With W. Hoenen, A. Costa & J.F. Pontes. Estudos sobre a flora intestinal. II. Técnica geral de contagem e identificação de grupos bacterianos entéricos: interpretação dos resultados. Rev. Hosp. Clin. 11:71, 1956

With R.C. de Angelis. A method of obtaining suitable specimens of autolysed small intestinal mucosa epithelium. Arq. Gastroent. 13:55-8, 1976

Estudo dinâmico do intestino delgado no processo da absorção. II. Conceituação atual e fisiopatológica da absorção entérica: classificação geral das síndromes de má absorção. Rev. Assoc. Bras. Med. 11(4):140-58, 1965

First non-European physician to be invited to European Society for Paediatric Gastroenterology and Nutrition and later Emeritus Member of this Society

His father, Joaquim Martins Campos (Oliveira, Minas Gerais State c. 1895 – c.1945)

Founded Laboratório Farmaceutico Martins Campos and held about 20 pharmaceutic products such as Catemenyl, Phagocytol, Agua Inglesa Martins Campos, Vermifugo Campos, Phosphoiodan & Doralgina

Josef Hauser

February 29, 2024

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

Josef Hauser, Hungarian-born Brazilian father and zoologist (Sellye, Barany County, Hungary 31 January 1920 – Novo Hamburgo, Rio Grande do Sul State 10 March 2004)

Performed studies about morphology, taxonomy and regeneration of planarians and Oligochaeta

DESCRIBED NEW SPECIES (Turbellaria)

Dugesia ururiograndeana 1992 with Leon and Kawakatsu

Geoplana sp. 2000 with Leal-Zanchet & Fick

Girardia anderlani 1983 with Kawakatsu

3 *Pasipha* spp. 2000 with Leal-Zanchet & Seitenfus

METHODS

A technique for histological processing without the use of xylene in Ausschaltung des Xylols in der histologischen Technik. Mikroskopie 7(5-6):208, 1952

Hauser method for fixation and mounting of invertebrates (1953)

With B. Radtke. Método de preparação total para estudo da morfologia de oligoquetas terrestres. Pesquisas Zool. Inst. Anchietano Pesquisas 16, 1965

Hauser trichromic staining

HONORS

Hausera Leal-Zanchet, Souza & Ferreira 2014 (Turbellaria)

Joseph Miller

April 3, 2024

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

Joseph Miller, British-born Brazilian organic chemist (Dorking, Surrey 07 October 1918 –

DEVELOPED

Production of cattle food from cellulosic materials (1985)

Production of furfural from cellulosic materials (1985)

Production of addictive from furfural that enables ethanol utilization as a fuel in Diesel engines (1985)

PATENTS

With J.C. C. Gerez & M.C.A. Gerez. Process and installation for obtaining ethanol by the continuous acid hydrolysis of cellulosic materials (1981)

Magneto-optics recording system of materials (1993)

Extraction process of components from plants (2008)

SOME BIBLIOGRAPHY

Books

Aromatic Nucleophilic Substitution. ELSEVIER SCIENCE PUBLISHERS, 1968.

With Z. Rapoport. Chemistry Of The Azido Group. WILEY – INTERSCIENCE, 1971.

Papers

Kinetic and Thermodynamic nucleophilicity in aromatic S_N reactions and thermodynamic basicity. Journ. Chem. Soc. B 299, 1966

With K.C. Ho & D.C. Hill. Theoretical calculation and Experimental Measurement of halogen Exchange. J. Chem. Soc. B 1521, 1971

With A. Federman Neto. Improved Synthesis Of Arene Cyclopentadienyl Iron (II) Salts. Synthesis of (Hydrazinobenzene) (Cyclopentadienyl) Iron (II) Picrate. Anais da Academia Brasileira de Ciências 54(2): 331-333, 1982.

With A. Federman Neto. Alguns Novos Aspectos de Química dos Arenos Complexos de Ferro (II). Ciência e Cultura 36(10):1765-1766, 1984.

With Gino del Ponte. Kinetic And Mechanisms Of The Hydrolysis And Methanolysis Of Some Alkoxytropylium Perchlorates. Some Comments On Electrophilic And Nucleophilic Strenght And Nucleofugality. J. Chem. Research 914-931, 1988.

With A. Federman Neto et al. Synthesis Of Substituted Ferrocenes. Part I – An Improved Tecnique For The Preparation Of Acylferrocenes.. Anais da Academia Brasileira de Ciências 61(4): 413-417, 1989.

With A. Federman Neto, N. Z. Kiyan & Y. Miyata. Synthesis Of Substituted Ferrocenes. Part II – Convenient Synthesis Of Chloromercurioferrocene And Ferrocenemonocarboxylic Acid. Anais da Academia Brasileira de Ciências 61(4):419-423, 1989.

With N.M. Grynberg, A. Echevarria et al. Some New Arylsidnones: Effects On Murine Tumours. Anticancer Research 12:1025-1028, 1992.

With A. Echevarria, S. Galembeck, V.M. Rumjanek et al. Reaction Of Aroyl Chlorides With 1,4-Diphenylthiosemicarbazide: Formation Of Both 1,3,4-Thiadiazolium-2-Aminides And 1,3,4-Triazolium-2-Thiolate. Heterocyclic Communications 1:129-136, 1995.

With E. J. S. Vichi, A. Federman Neto et al. Marked Changes In Relative Nucleophilicity In Comparing S_NAr Reactions Of Free Arenes And Coordinated Arenes. Kinetic Studies Of Reactions O(Chlorobenzene) (Cyclopentadienyl) Iron(II) With Anionic And Neutral Nucleophiles. Organometallics 15:3198-3203, 1996.

With R. E. Banks, L. R. Kelland et al. New Perfluorophthalate Complexes Of Platinum (II) With Chemotherapeutic Potential. METAL-BASED DRUGS 3(3):117-122, 1996.

With N.M. Grynberg & A. Echevarria. Synthesis And In Vivo Antitumor Activity Of New Heterocyclic Derivatives Of The 1,3,4-Thiadiazolium-2-Aminide Class. Synthetic Communications 8:88-91, 1997.

With A. Federman Neto, A.D.L. Borges & V.A. Darin. Improvements In The Preparation Of Cyclopentadienyl Thallium And Methylcyclopentadienyl Thallium And In Their Use In Organometallic Chemistry. Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, 27(9):1299-1314, 1997.

With A. Federman Neto, A. D. L. Borges & I. P. A. Campos. Mercury(II) Trichloroacetate. Part I. Formation, Stabilization, Isolation And Decomposition.. Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry 27(9):1373-1380, 1997.

With A. Federman Neto, A. D. L. Borges & I. P. A. Campos. Mercury(II) Trichloroacetate. Part II. Formation And Use As A Versatile Reagent In Ferrocene Chemistry. Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry 27(10):1543-1551, 1997.

With P. T. Sousa Junior & A. Giesbrecht. An Improved Synthesis Of Bis-(4-Alkylamino-3-Nitrophenyl)-Sulphones And In Vitro Evaluation Of Biological Activity. Interciencia 22(4):194-196, 1997.

With V.A. Darin, A. Federman Neto et al. Boron Trifluoride Etherate As a Catalyst In Acylation Of Ferrocene.. Journal für Praktische Chemie. Chemiker-Zeitung, 341(6):588-591, 1999.

With V. A. Darin, A. Federman Neto & A D L Borges. Potassium Borohydride: Improved Use As Reducing Agent For Organic And Organometallic Ketones. Main Group Metal Chemistry 22(8): 503-507, 1999.

With A. Federman Neto & M. L. A. Silva. Improved Synthesis And Analgesic Activity of (Anisole) Triscarbonyl Chromium (0). Metal-Based Drugs 6(1):25-29, 1999.

With M. L. A. Silva, A. Federman Neto et al. Synthesis and In Vitro Tripanocidal Activity Evaluation of Some Organo-Iron Compounds. Metal-Based Drugs 8(6):329-332, 2002.

With A. Federman Neto, V. A. Darin, M. L. A. Silva, G. Ponte et al. New Synthesis of Ferrocenemonocarboxylic Acid and Systematic Studies on the Preparation of Related Key Intermediates. Zeitschrift für Anorganische und Allgemeine Chemie 628(1):209-216, 2002.

With B.F. Lira, P. F. Athayde Filho et al. Synthesis and characterization of three new organo-selenium compounds. A convenient synthesis of aroylselenoglycolic acids. Arkivoc 6:22-26, 2004.

With R. O. Silva, A. M. Simas, B. F. Lira et al. Synthesis and complete assignments of 1-H and 13-C NMR spectra of mesoionic 2-(p-trifluoromethylphenyl)-3-methyl-4-(p-tolyl)-1,3-thiazolium-5-thiolate and 2-(p-chlorophenyl)-3-methyl-4-(p-isopropylphenyl)-1,3-thiazolium-5-thiolate. ARKIVOC 7: 12-21, 2004.

Josué Camargo Mendes

April 3, 2024

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

Josué Camargo Mendes, Brazilian geologist and paleontologist (São Paulo 17 December 1918 – São Paulo 05 December 1991)

DESCRIBED FOSSIL GENERA

Mollusca

Angatubia 1962

Anhembia 1990 with Mezzalira & Maranhão

Barbosaia 1952

Casterella 1952

Cowperesia 1952

Coxesia 1952

Favalia 1962

Holdhausiella 1952

Itaitubia 1966

Katzeria 1966

Leinzia 1949

Naiadopsis 1952

Oliveiraia 1954

Roxoa 1952

Brachiopoda

Brasilioproductus 1959

Buxtonioides 1959

Duarteia 1959

Langella 1961

Petria 1957

HONORS

Camargomendesia Paula Couto 1978 (Fossil Mammalia)

Juan Agustín Gabastou

February 29, 2024

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

Juan Agustín Gabastou Bidart, Argentine gynecologist and obstetrician (Buenos Aires 23 June 1882 – Buenos Aires 31 July 1963)

Developed hydraulic artificial labor or Mojon-Gabastou injection for retained placenta (1913)

Un nuevo procedimiento de alumbramiento artificial. Anales Soc. Obst. Ginecol. Bs Aires (1914) and its German version in Munchener Mediz. Wochens. 61:651, 1914

SOME BIBLIOGRAPHY

Tumor mixto gigante del ovario (1944)

With F. Kermauner & E.G. Murray. Hipoplasia genital femenina y esterilidad. V Congr. Arg. Obst. Gin. Bs Aires (1943)

With E. Harguindeguy. La radiografía en el embarazo extrauterino. Bull. Soc. Obst. Gyn. 17:686, 1928

Tratamiento de la infección puerperal (1919)

Adrenals in normal and pathologic pregnancy (1917)

Embryotomy with living fetus. Semana Medica 23:49, 1916

La pibiotomia en las primerizas. Semana Medica 11, 1914

Desprendimiento prematuro de la placenta (normalmente insertada). Doctoral Thesis (1908)

Una manifestación poco común de autointoxicación gravídica. Semana Medica

Juan Alberto Grieve

February 29, 2024

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

Juan Alberto Germán Grieve Becerra, Peruvian automobile engineer (Lima 15 July 1878 – Lima 03 July 1950)

ACHIEVEMENTS

Un nuevo motor termico (A new thermal engine). Bol. Minas, Industrias y Construcción 20:15-6, 1904

Developed a 5 horse power internal combustion engine (Grieve engine)

Construcción de um motor a gasolina. Bol. Minas Fomento 3(3):58-65, 1905

Designed, built and patented a 20 horse power motor-car (Grieve), the first of Latin America (1908) and regarded one of the world's best cars comparable to those of built in USA and Europe such as Renault and Brassiere

HONOURS

Life Member, American Society of Mechanical Engineers (1949)

LINKS

https://guzlop-editoras.com/web_des/ing01/mecanica/pld1139.pdf

His father, Juan Crisostomo Grieve Downing, engineer (Lima January 1848 – April 1905)

From Scottish father and Irish mother

Built a type of cannon that bears his name

Juan Antonio Garbarino

February 29, 2024

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

Juan Antonio Garbarino Bacigalupo, Chilean natural products chemist (Santiago 27 April 1932 – Buenos Aires 09 October 2012)

From Italian descent

Authored over 300 scientific publications

With M. Carvajal, L. Espinoza, H. Peña Cortés et al. first to show the production of hydroxylated derivatives of jasmonic acid by biotransformation (2011)

With B.M. Fraga, R. Guillermo, M.G. Hernandez & M.C. Chamy first to observe Baeyer-Villiger oxidation in a microbiological transformation involving *Gibberella fujikuroi* (2009)

With A. Russo, V. Cardile & A. de Ioannes first to show that lithreol inhibited cancer cell-viability in a dose-dependent manner (2008)

Isolated a number of new diterpenes of various skeleton types

Discovered and described at least 90 new diterpenes/diterpenoids and at least 50 new other natural compounds such as glucosides and sesquiterpenes isolated from fungi and lichens

With B.M. Fraga, R. Guillermo & M.G. Hernandez discovered prestemodane skeleton (2004)

Performed the structural elucidation of alkaloids, terpenoids and glycosidic phenyl propanoids

Proved the therapeutic properties of plants like *Lithraea caustica* and *Calceolaria sessilis*

PATENT

With H. A. Peña Cortés & M.A. Carvajal Tocornal. Metodo de biotransformación com hongo *Gibberella fujikuroi* de acido salicilico (2006)

Juan Bautista Marchionatto

April 3, 2024

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

Juan Bautista Marchionatto Sticco, Argentine plant pathologist and mycologist (Buenos Aires 19 August 1896 – Buenos Aires 02 January 1955)

Authored 130 works

Developed practical and effective methods to control agricultural pests

Headed Instituto de Investigación sobre la langosta (Institute of Research about Grasshopper), one of world's most relevant in this field

Fitoparasitos de la Argentina nuevos o poco conocidos II. Physis 9(32):145, 1928

La inmunidad en los vegetales. Rev. Agr. 149:3-34, 1934

Hongos parasitos de las plantas, nuevos o poco conocidos en la Argentina. Publ. Misc. Minist. Agric. B. Aires Ser A 3(37):11, 1947

ACHIEVEMENTS

Determined *Spondylodadium atrovirens* as agent of silver scurf of potato tubers (1934)

Proposed *Brevipalpus phoenicis* as vector of Citrus leprosis rhabdovirus (1938)

Proposed regulation and evasion principle for control of plant diseases (1949)

Una fitonosis nueva: le koleroga del café? Rev. Soc. Arg. Cienc. Natur. Bs Aires 8:554-7, 1928

First to study the effectiveness of dry treatments for wheat bunt

Investigaciones sobre el tratamiento seco en la lucha contra la “carie” del trigo. Rev. Fac. Agron. 16:88-92, 1925

Determined the procedure for flyspeck control of Cara Sucia apple variety

Tratamiento eficaz para combatir la fumagina de la manzana Cara Sucia. Circ. Secc. Prop. Inform. Min. Agric. Nac. 468:1-7, 1925

Described a new disease

Wilting of the terminal bud in potato . Intern. B. Plant Protect. 15:161-2, 1941

Presented a new sanitary technique for fruits

Nueva tecnica sanitaria en la exportación de frutas argentinas

DESCRIBED NEW VALID FUNGI

Cordyceps ignota 1946

Cyttaria hookeri f. *candida* 1940

Pseudocercospora escalloniae 1946

Rhizotrichum griseo-roseum 1941

Septobasidium caveniae 1941

Sporotrichum paranaense 1933

Juan Bautista Montoya y Flórez

April 3, 2024

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

Juan Bautista Montoya y Flórez, Colombian physician and surgeon (Titiribí, Antioquia Department 21 April 1867 – Medellín 19 March 1937)

ACHIEVEMENTS

MEDICINE

First described tinea nigra (1898)

Authored Recherches sur les carates de Colombie (1898), isolating some fungi that cause carate or pinta

Authored Contribución al estudio de la lepra (1910) with great repercussion

Developed Montoya y Flórez staining for differentiating gonococci

Described 2 filarial species

First to use adrenaline in cardiac failure

SURGERY (DEVELOPED)

A procedure of hystero-colpo-perineorrhaphy

Un Nuevo procedimiento de histero-colpo-perineorrafia para la curación radical de La prolapso inveterado. Anal. Acad. Med. Medellín 10:84, 1902

A new technique for correction of hydrocele

Dislocación testicular. Nueva operación para el hidrocele simple. Rev. Clin. Fac. Med. U. Antioquia 310-3, 1922

A method for surgical treatment of genital prolapse (1928)

A method of gastric resection

Modified many surgical procedures such as perineal reconstitution

Montoya y Flórez special scissors

HONORS

Montoyella Castellani & Chalmers 1907 (Fungi)

Juan C. Gómez Nuñez

February 29, 2024

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

Juan Crisostomo Gómez Nuñez, Venezuelan tropical physician and medical entomologist (Maracay 08 September 1924 – 1987)

Son of former president Juan Vicente Gómez

Developed a method for assessing household infestation by vector of Chagas disease *Rhodnius prolixus* (Gomez Nunez method) employing a box trap of his own invention (Gomez Nunez box)

Desarrollo de un nuevo metodo para evaluar la infestación intradomiciliar por *Rhodnius prolixus*. Acta Cient. Venez. 16:26-31, 1965.

Juan Carlos Gamerro

February 29, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Juan Carlos Gamerro, Argentine palynologist (24 April 1923 – San Isidro, Buenos Aires Province 20 March 2013)

Authored about 50 scientific and popular works

Developed methods

With Orlando Cardenas. Como hacer permanentes las preparaciones palinologicas en glicerina-gelatina. Bol. Asoc. Latinoam. Paleobot. Palin. 7:39-42, 1980

DESCRIBED FOSSIL SPORAE & POLLEN TAXA

Valid Genera

Antulisporites 1966 with Archangelsky

Species

Antulisporites baculatus 1966 with Archangelsky

Antulisporites granulatus 1966 with Archangelsky

Antulisporites saevus 1966 with Archangelsky

Camarazonosporites microalveolatus 1966 with Archangelsky

Cicatricosisporites annulatus 1966 with Archangelsky

Cicatricosisporites archangelskyi 1966 with Archangelsky

Cicatricosisporites baqueroensis 1966 with Archangelsky

Cicatricosisporites ethmos 1966 with Archangelsky

Cicatricosisporites giganteus 1966 with Archangelsky

Colpisaccites granulosus 1979 with Archangelsky

Convolutispora ordoñezii 1979 with Archangelsky

Cristatisporites crassilabratu 1979 with Archangelsky

Cristatisporites inconstans 1979 with Archangelsky

Cristatisporites lestai 1979 with Archangelsky

Cyatheacidites tectifera 1965 with Archangelsky

Cyclusphaera crassa 1983 with Archangelsy, Baldoni & Seiler

Cyclusphaera patagonica 1983 with Archangelsy, Baldoni & Seiler

Cyclusphaera radiata 1983 with Archangelsy, Baldoni & Seiler

Densoisporites corrugatus 1965 with Archangelsky

Favosporites spinulosus 1975

Foraminisporis microgranulatus 1983 with Archangelsy, Baldoni & Seiler

Foraminisporis variornatus 1983 with Archangelsy, Baldoni & Seiler

Gondwanapollis frenguelli 1979 with Archangelsky

Granulatisporites austroamericanus 1979 with Archangelsky

Granulatisporites confluens 1979 with Archangelsky

Henrisporites elegans 1977

Henrisporites heteracanthus 1975

Henrisporites musacchioi 1977

Interulobites pseudoreticulatus 1983 with Archangelsy, Baldoni & Seiler

Lueckisporites densicorpus 1979 with Archangelsky

Lueckisporites latisaccus 1979 with Archangelsky

Lunatisporites variesectus 1979 with Archangelsky

Minerisporites cheblii 1977

Minerisporites holobrochatus 1975

Muricingulisporis annulatus 1966 with Archangelsky

Paxillitriletes menendezii 1977 with Baldoni

Polycingulatisporites trabeculatus 1983 with Archangelsy, Baldoni & Seiler

Polypodiaceoisporites elegans 1966 with Archangelsky

Staurosaccites cordubensis 1979 with Archangelsky

Striatoabieites anaverrucosus 1979 with Archangelsky
Striomonosaccites cicatricosus 1979 with Archangelsky
Vallatisporites russoi 1979 with Archangelsky
Verrucosisporites menendezii 1979 with Archangelsky
Zonalapollenites dampieri 1965 with Archangelsky

HONORS

Gameroites Archangelsky 1988 (Fossil Sporae & Pollen)

Juan Carlos Lindquist

March 6, 2024

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

Juan Carlos Lindquist Dominique, Argentine mycologist and plant pathologist (Chivilcoy, Buenos Aires Province 09 February 1899 – La Plata, Buenos Aires Province 02 November 1990)

From Swedish father

Gained international recognition for his studies on Uredinales and Peronosporales

Authored over 100 scientific and popular papers

DESCRIBED FUNGI TAXA

Valid Genera

Acroconidiella 1964 with Alippi

Diorchidiella 1957

Discoxylaria 1964 with Wright

Hughesinia 1970 with Gamundi

Species

Aecidium approximans 1952

Aecidium jatrophicola 1952

Aecidium tafiense 1952

Colletotrichum consociatum 1948

Discoxylaria myrmecophila 1964 with Wright

Entyloma peullensis 1960

Hughesinia chusquea 1970

Maravalia sebastianiae 1951

Peronospora convolvuli 1946

Prospodium tumefaciens 1978

Puccinia andalgalensis 1955

Puccinia dusenii 1955

Puccinia entrerriana 1954

Puccinia lorentzianae 1952

Puccinia meloncilloi 1952

Puccinia moschopsidis 1955

Puccinia petrakii 1957

Puccinia puntana 1952

Puccinia ruelliicola 1952

Puccinia scutiae 1978

Puccinia singeri 1952

Puccinia subtropica 1958

Puccinia tandilensis 1963

Puccinia ventanensis 1948

Ravenelia chacoensis 1946

Ravenelia sarmientoi 1978

Ravenelia spegazziniana 1946

Thecaphora burkartii 1953

Thecaphora frezii 1962 with Carranza

Uredo hoveniae 1968 with Costa Neto

Uredo insignis 1955

Uredo sleumeri

Urocystis phaceliae 1982 with Gamundi

Uromyces correntinus

Uromyces nassauviae

Uromyces ruiz-leali 1949

Ustilago tinantiae 1953

HONORS (Fungi)

Lindquistia Subramanian & Chandrasekhara 1977

Lindquistomyces Arambarri, Muller & Gamundi 1982

Juan Carlos Muzzio

April 3, 2024

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

Juan Carlos Muzzio Passanante, Argentine astronomer (Buenos Aires 19 January 1946 –

From Italian and Spanish descent

Discovered hundreds of objects and H-alpha emitting stars

Discovered asteroids 3666 Holman and 7372 Emimar (in honor to his daughters) in 1972

Predicted the existence of galaxy satellites of masses intermediate between galaxies and globular clusters

Discovered and named globular cluster swapping

With J.C. Forte & R.E. Martínez. On the origin of the globular cluster system of M87. *Astron. J.* 87(11):1465, 1982

Discovered that dwarf stars are totally destroyed, but the core survives and becomes like a globular cluster of giant stars

With L.P. Bassino & L.P. Rabolli. Are globular clusters the nuclei of cannibalized dwarf galaxies? *Astrophys. J.* 431:634–9, 1994

Showed the role of chaos in elliptic galaxies (2000)

Chaos in elliptic galaxies (2001)

Showed that chaotic stellar motion occurs in galactic satellites

With D.D. Carpintero, M.M. Vergne & F.C. Wachlin. Chaotic orbits in galactic satellites. *Celest. Mech. Dynam. Astron.* 85(3):247–67, 2003

Showed the existence of partially chaotic orbits

Partially chaotic orbits in a perturbed cubic force model. *Monthly Not. Roy. Astron. Soc.* 471(4):4099–10, 2017

METHODS AND OTHER CONTRIBUTIONS

With M. Muzzio, C.M. Bravi & G. Bailliet. A method for assignment of weight of characters. *Amer. J. Phys. Anthropol.* 143(3):488–92, 2010

A simple method to compensate softening effects in N-body simulations of spherical stellar systems. *Rev. Mex. Astron. Astrofis.* 41(1):41–4, 2005

With F.C. Wachlin & G.B. Rybicki. A perturbation particle method for stability studies of stellar systems. *Mont. Not. Roy. Astron. Soc.* 262(4):1007–12, 1993

With F.C. Wachlin. Un sistema unidimensional con características de estabilidad similares ao problema de Jeans. *Bol. Asoc. Argent. Astron.* 37:48, 1992

With M.M. Vergne. On the minimum distance cutoff for stellar encounters. *Astrophys. Lett. Comm.* 27:23–5, 1988

With M.M. Vergne. Nuevo esquema de calculo para simulaciones numericas de cumulos de galáxias. *Bol. Asoc. Argent. Astron.* 31:440, 1985

With H.G. Marraco. Un metodo para la determinación de periodos de estrellas variables. *Bol. Asoc. Argent. Astron. La Plata* 21:228, 1982

With R. Platzeck & H.G. Marraco. Prisma “no objetivo”. *Bol. Asoc. Argent. Astron. La Plata* 20:192, 1981

With H.G. Marraco. An improved method to derive periods of cyclic phenomena. *Publ. Astron. Soc. Pacific* 92(549):700, 1980

HONORS

6505 Muzzio (Asteroid)

Juan Cesar Mussio Fournier

April 3, 2024

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

Juan Cesar Mussio Fournier, Uruguayan endocrinologist and neurologist (Montevideo 07 February 1890 – Montevideo 03 April 1961)

From Genovese and French ancestry

Authored 214 papers

ACHIEVEMENTS

Described Mussio Fournier syndrome

With A. Garra. Troubles neurologiques produits par l'œdème de Quincke. *Revue Neurol.* 1(6):1444-7, 1932.

Described the clinical features of restless legs syndrome

With F. Rawak. Familiares auftreten vom pruritus urtikaria und parasthetischer hyperkinese der unteren extremitäten. *Conf in Neurol.* III:110-4, 1940

Described the association between narcolepsy and Erb-Goldflam disease

Consideration générale sur la narcolepsie et le maladie de Erb-Goldflam. *Estud. Clin. Med.* (1929)

Described the association between Laurence-Moon-Biedl syndrome, Legg-Perthes disease and Telfort-Smith finger

With J.P. Saralegui. Síndrome de Laurence-Moon-Biedl avec diabète insipide y maladie de Legg-Perthes et doigt de Telfort-Smith. *Bull. Med. Soc. Med. Hop. Paris* (1948)

First to demonstrate that testicular tumours may produce folliculine

Introduced melanophorin therapy for treatment of ocular diseases

HONORS

Doctor Honoris Causa, Université de Paris

Medicine & Physiology Nobel prize nominee (1950)

EPONYMY

Hutinel-Mussio Fournier syndrome (hemiparesia associated to myxoedema)

Mussio Fournier sign (changes in aquilian reflex seen in myxoedema)

Mussio Fournier-Cervíño sign (infantile myxedema associated to hunger infantilism)

Mussio Fournier-Albrieux-Grosso test for quantitative determination of progesterone

Juan Cristóbal Gundlach

February 29, 2024

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

Johannes Christoph Gundlach, German-born Cuban naturalist (Marburg, Hesse-Cassel State 17 July 1810 – La Habana 15 March 1896)

DESCRIBED NEW TAXA

Mammalia

Genus

Phyllonycteris 1860

Species

Erophylla sezekorni 1860

Lasiurus (Lasiurus) pfeifferi 1861

Nycticeius cubanus 1861

Phyllonycteris poeyi 1860

Pteronotus (Chilonycteris) quadridens 1840

Subspecies

Erophylla sezekorni sezekorni 1860

Macrotus waterhousii minor 1864

Phyllonycteris poeyi poeyi 1860

Pteronotus (Chilonycteris) quadridens quadridens 1840

Tadarida brasiliensis muscula 1861

Aves

Genus

Geochelidon 1862

Species

Corvus minutus 1852

Geotrygon caniceps 1852

Myiarchus sagrae 1852

Polioptila lembeyi 1858

Setophaga pityophila 1855

Teretistris fornsi 1858

Subspecies

Colaptes auratus chrysocaulosus 1858

Megascops nudipes krugii 1874

Myiarchus sagrae sagrae 1852

Teretistris fornsi fornsi 1858

Reptilia

Genus

Cricosaura 1863 with Peters

Species

Amphisbaena cubana 1879 with Peters

Arrhyton vittatum 1861

Cricosaura typica 1863 with Peters

Tropidophis pardalis 1840

Tropidophis semicinctus 1864 with Peters

Odonata

Genus

Hypolestes 1888

Mollusca

Species

136 land mollusks

HONORS

Gundlachia Gray 1881 (Asteraceae)

Gundlachia Pfeiffer 1849 (Mollusca)

Gundlachtudora Torre & Bartsch 1941 (Mollusca)

Juannularia Torre & Bartsch 1941 (Mollusca)

Juan Enrique MacKinnon

April 3, 2024

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

Juan Enrique Mac Kinnon Artagaveytia, Uruguayan medical mycologist (Montevideo 24 June 1904 – Montevideo 16 April 1987)

ACHIEVEMENTS

Demonstrated that cell wall of *Paracoccidioides brasiliensis* was much thinner than that of *Blastomyces dermatidis* (1940s)

Proposed the existence of subclinical forms of paracoccidioidomycosis

First to detect infection caused by paracoccidioidomycosis (1953)

Proposed the currently accepted course of events in paracoccidioidomycosis (1959)

Demonstrated the various responses at distinct temperatures in paracoccidioidomycosis and sporotrichosis

With I.A. Conti Díaz first to note actinomycetoid granules surrounded by a crown of eosinophilic clubs in *Pseudomonas aeruginosa* (1969)

With Gezuelle & Conti Díaz noted a bulky capsule in cells of *Phialophora spinifera* until then undescribed (1973)

With R. Talice described the both fungal species *Penicillium bertai* 1929 and *Aspergillus montevidensis* 1931

With Ferrada Urzua & Montemayor described *Madurella grisea*, a new agent of maduromycosis (1949)

HONORS/OTHERS

Founder, International Society for Human and Animal Mycology

Rhoda Benham Award, Medical Mycology Society of Americas (1970)

LINKS

<http://www.isham.org/heroes/ProfMacKinnon.html>

<http://www.smu.org.uy/dpmc/hmed/historia/articulos/mackinnon.pdf>

Juan Guiteras

February 29, 2024

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

Juan Luis Guiteras y Gener, Cuban pathologist (Matanzas 04 January 1852 – Matanzas 28 October 1925)

Professor of Medicine in Medical College of South Carolina (1884-8) and Professor of Pathology in University of Pennsylvania (1889-99)

Expert on yellow fever

Developed new research methods in tropical pathology

Studied a mycological disease named chappa known as Guiteras disease

Authored Notes upon the lectures on General and Special Pathology with many editions

Eponym of Guiteras sign in yellow fever and Guiteras sign for pseudoblastomycosis

HONORS

First Prize for his thesis The Development of the skeleton as influenced by functional activity at University of Pennsylvania (1873)

Founder & Honorary Member, American Medical Association

Juan Heyns

February 29, 2024

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

Juan Heyns, South-African helminthologist (Humansdorp, Cape Province 26 April 1929 – Pretoria 21 December 2001)

Authored over 235 papers

DESCRIBED NEW NEMATODA TAXA

Families

Aporcelaimidae 1965

Elaphonematidae 1962

Osstelidae 1962

Genera

Afronygus 1968

Algoanema 1987 with Furstenberg

Aporcelaimellus 1965

Aporcelaimoides 1965

Aquatides 1968

Botalium 1963

Caprionchulus 1993 with Swart

Chiloplacoides 1994

Chitwoodius 1966 with Furstenberg

Cladocephalus 1991 with Swart

Clavicauda 1968

Clavicaudoides 1968

Discolamoides 1963

Elaphonema 1962

Feroxides 1968

Kochinema 1963

Laevides 1968

Makatinus 1965

Namaquanema 1993 with Swart

Namibinema 1990 with Rashid

Paracrobeles 1968

Paranygolaimus 1968

Paravulvus 1968

Penjatinema 1998 with Swart

Paronema 1963

Scapidens 1965

Sibayinema 1991 with Swart

Skibbenema 1986 with Van Reenen

Solididens 1968

Vanderlindia 1964

Species

At least 325

HONORS (Nematoda)

Heynsaxonchium Coomans & Nair 1975

Heynsnema Pena-Santiago, Guerrero & Ciobano 2008

LINKS

<http://plpnemweb.ucdavis.edu/Nemaplex/General/Obituaries/JHeyns.htm>

Juan Ignacio Molina

April 3, 2024

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

Juan Ignacio Molina Gonzalez, Italian / Chilean naturalist, jesuit, geographer and historian (Villa Alegre, Linares Province, Maule Region 24 June 1740 – Imola, Bologna Province 12 September 1829)

Authored Ensayo sobre la Historia Natural de Chile (1782) translated into many languages

DESCRIBED VALID TAXA

Plantae

Genera

Colliguaja 1782

Crinodendron 1782

Gevuina 1782

Madia 1782

Maytenus 1782

Peumus 1807

Pitavia 1810

Puya 1782

Quillaja 1782

Quinchamalium 1782

Sassia 1782

Tara 1810

Thuraria 1782

Species

About 60

VERTEBRATA

Mammalia (1782)

Species

Conepatus chinga

Galictis cuja

Hippocamelus bisulcus

Lagidium viscacia

Leopardus colocolo

Leopardus guigna

Lutra felina

Lycalopex culpaeus

Myocastor coypus

Octodon degus

Pudu puda

Scalacopus cyanus

Vicugna vicugna

Subspecies

Conepatus chinga chinga

Galictis cuja cuja

Lagidium viscacia viscacia

Leopardus colocolo colocolo

Leopardus guigna guigna

Lycalopex culpaeus culpaeus

Myocastor coypus coypus

Puma concolor puma

Scalacopus cyanus cyanus

Aves (1782)

Genus
<i>Phytotoma</i>
Species
<i>Athene cunicularia</i>
<i>Carduelis barbata</i>
<i>Chloephaga hybrida</i>
<i>Chrysomus tilius</i>
<i>Colaptes pitius</i>
<i>Coscoroba coscoroba</i>
<i>Curaeus curaeus</i>
<i>Cygnus melanocoryphus</i>
<i>Diuca diuca</i>
<i>Egretta thula</i>
<i>Metriopelia melanoptera</i>
<i>Mimus thenca</i>
<i>Pelecanus thagus</i>
<i>Phoenicopterus chilensis</i>
<i>Phytotoma rara</i>
<i>Picoides lignarius</i>
<i>Sturnella loyca</i>
<i>Vanellus chilensis</i>
Subspecies
<i>Athene cunicularia cunicularia</i>
<i>Cathartes aura jota</i>
<i>Chloephaga hybrida hybrida</i>
<i>Chrysomus tilius tilius</i>
<i>Curaeus curaeus curaeus</i>
<i>Diuca diuca diuca</i>
<i>Egretta thula thula</i>
<i>Metriopelia melanoptera melanoptera</i>
<i>Sturnella loyca loyca</i>
<i>Vanellus chilensis chilensis</i>
Reptilia
<i>Phymaturus palluma</i> 1782
Amphibia
<i>Rhinella arunco</i> 1782
Pisces
<i>Diplomystes chilensis</i> 1782
<i>Mugiloides chilensis</i> 1782
INVERTEBRATA
Genus
<i>Pyura</i> (Tunicata)
Species
<i>Anthaxia maulica</i> 1782 (Coleoptera)
<i>Aulacomya atra</i> 1782 (Mollusca)
<i>Austromegabalanus psittacus</i> 1788 (Crustacea)
<i>Bothriurus chilensis</i> 1782 (Arachnida)
<i>Cancer setosus</i> 1782 (Crustacea)
<i>Castnia psittacus</i> 1788 (Lepidoptera)
<i>Chloromytilus chorus</i> 1782 (Mollusca)
<i>Cryphiops caementarius</i> 1782 (Crustacea)
<i>Ctenoderus maulicus</i> 1782 (Coleoptera)

Ensis macha 1782 (Mollusca)

Hagnagora ceraria 1782 (Lepidoptera)

Hesperocharis leucothea 1782 (Lepidoptera)

Leukoma thaca 1782 (Mollusca)

Lithodes santolla 1782 (Crustacea)

Loxechinus albus 1782 (Echinodermata)

Paraphysa scrofa 1788 (Arachnida)

Pholas chiloensis 1782 (Mollusca)

Pyura chilensis 1782 (Tunicata)

Tetrapyrgus niger 1782 (Echinodermata)

Tipula moschifera 1782 (Diptera)

HONORS

Molinia Schrank 1789 (Poaceae)

Molinaea Commerson ex A.L. Jussieu 1789 (Sapindaceae)

Neomolina Hellwig 1993 (Asteraceae)

Molinaranea Mello Leitão 1940 (Arachnida)

Molinella Navas 1910 (Neuroptera)

Juan José Martínez de Lexarza

March 6, 2024

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

Juan José Martínez de Lexarza y Alday, Mexican naturalist (Valladolid, Michoacán State 15 December 1785 – Morelia 29 September 1824)

DESCRIBED PLANTAE TAXA

Valid Genera

- Alamania* 1824 (Orchidaceae)
- Arpophyllum* 1825 (Orchidaceae)
- Cuitlauzina* 1824 with La Llave (Orchidaceae)
- Lennoa* 1824 (Lennoaceae)
- Morelosia* 1824 (Boraginaceae)

Subgenus

- Bravoa* 1824 (Amaryllidaceae)

Species

73 (at least 23 are valid)

HONORS

- Lexarzanthe* Diego & Calderón de Rzedowski 2004 (Brassicaceae)

Juan Manuel Iturbe

February 29, 2024

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

Juan Manuel Iturbe Bescanza, Venezuelan parasitologist, microbiologist and tropical physician (Guanare, Portuguesa State 24 July 1883 – Caracas 18 February 1962)

With Eudoro Gonzalez authored works with international resonance in 1916 such as

Performed in vitro cultivation of *Plasmodium vivax* (1916)

Studied birds paludism (1916)

Discovered *Trypanosoma lineatus* (1916)

Discovered the intermediate host of bilharziasis and leishmaniasis in Venezuela

HONOURS

Nocht Medal, Tropical Institute of Hamburg (1930)

Julian Herron Mitter

April 3, 2024

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

Julian Herron Mitter, Indian mycologist (1881 – ?)

DESCRIBED FUNGI SPECIES

- Aecidium leucadinum* 1935
- Aecidium strobilanthinum* 1935
- Aecidium tandonii* 1935
- Cercospora phaeocarpa*
- Hapalographium tandonii* 1937
- Phyllachora tandonii* 1935
- Puccinia adjuncta* 1937
- Sarcinella tandonii* 1937
- Uredo clivalis* 1935

HONORS

Mitteriella Sydow 1933 (Fungi)

Juliano Moreira

April 4, 2024

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

Juliano Moreira, Brazilian neuropsychiatrist (Salvador 06 January 1873 – Rio de Janeiro 02 May 1933)

Authored over 112 papers

Performed studies on psychiatry and tropical medicine

Studied mental perturbations in leprosy

His doctoral thesis *Etiologia da sífilis magna precoce* (1891) received international attention

Published *Neue pathologischer anatomischer und klinischer zur Kenntniss des Ainhum*, a anatomical pathology study on ainhum that was very cited by European physicians (1900)

Established a criterion for characterize the symptoms of paranoia

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

With A. Peixoto authored *La paranoia legitime, son origine et nature* (1905) in which exposed original ideas with repercussion in medical circles

MEMBERSHIP

Honorary President, IV International Congress of Mental Diseases, Berlin (1900)

Honorary President, International Congress of Mental Diseases, Milano (1907)

Correspondent Member, Royal Medical Psychological Association, London (1909)

The one person of American Continent honoured as proeminent psychiatrist in the world by *Psychiatrische, Neurologische Wochenschrift* (1910)

Honorary Member, *Société de Médecine Mentale de Belgique* (1913)

Sacred Treasure Order, Japan (1928)

Gold Medal, Hamburg University (1929)

Honorary Member, Japanese Society of Neurology & Psychiatry and German medical academies

Julio Cesar Garavello

February 29, 2024

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

Julio César Garavello, Brazilian ichthyologist

DESCRIBED VALID PISCES TAXA

Genera

Kalyptodoras 1990 with Higuchi & Britski

Pseudotothyris 1984 with Britski

Schizolecis 1984 with Britski

Species

Apareiodon vittatus 1977

Astyanax bifasciatus 2010 with Sampaio

Astyanax dissimilis 2010 with Sampaio

Astyanax longirhinus 2010 with Sampaio

Astyanax minor 2010 with Sampaio

Astyanax serratus 2010 with Sampaio

Cambeva mboyacy 2004 with Wosiacki

Cambeva naipi 2004 with Wosiacki

Cambeva plumbea 2004 with Wosiacki

Cnesterodon hypselurus 2001 with Lucinda

Cnesterodon omorgmatos 2001 with Lucinda

Curculionichthys insperatus 2003 with Britski

Curculionichthys luteofrenatus 2007 with Britski

Hisonotus chromodontus 2007 with Britski

Hypostomus nigropunctatus 2012 with Britski & Zawadski

Kalyptodoras bahiensis 1990 with Higuchi & Britski

Leporinus amblyrhynchus 1987 with Britski

Leporinus aripuananensis 1981 with Santos

Leporinus boehlkei 1988

Leporinus geminis 2009 with Santos

Leporinus gomesi 1981 with Santos

Leporinus melanopleurodes 2013 with Birindelli & Britski

Leporinus microphthalmus 1989

Leporinus nijsseni 1990

Leporinus octomaculatus 1993 with Britski

Leporinus ortomaculatus 2000

Leporinus paranensis 1987 with Britski

Leporinus punctatus 2000

Leporinus reticulatus 1993 with Britski

Leporinus sexstriatus 1980 with Britski

Leporinus trimaculatus 1992 with Santos

Leporinus unitaeniatus 2009 with Santos

Leporinus vanzoi 2005 with Britski

Megaleporinus brinco 2013 with Birindelli & Britski

Megaleporinus macrocephalus 1988 with Britski

Megaleporinus piavussu 2012 with Britski & Birindelli

Otothyris juquiae 1998 with Britski & Schaefer

Otothyris rostrata 1998 with Britski & Schaefer

Otothyris travassosi 1998 with Britski & Schaefer

Parotocinclus amazonensis 1977

Parotocinclus aripuanensis 1988

Parotocinclus cearensis 1977

Parotocinclus cristatus 1977

Parotocinclus haroldoi 1988

Parotocinclus jimi 1977

Parotocinclus jumbo 2002 with Britski

Parotocinclus longirostris 1988

Parotocinclus minutus 1977

Parotocinclus planicauda 2003 with Britski

Pimelodus britskii 2007 with Shibatta

Platydoras brachylecis 2008 with Piorski, Arce & Sabaj Perez

Pseudotothyris janeirensis 1984 with Britski

Schizodon altoparanae 1990 with Britski

Schizodon australis 1994

Schizodon intermedius 1990 with Britski

Schizodon scotorhabdotus 2007 with Sidlauskas & Jellen

Simpsonichthys santanae 1992 with Shibatta

Steindachneridion melanodermatum 2005

Trichomycterus papilliferus 2004 with Wosiacki

Trichomycterus taroba 2004 with Wosiacki

DESCRIBED TRYPANOSOMES

Trypanosoma alfonsoi 1992 with Lopes, Ribeiro, Zuin, Carraro, Albuquerque & Satake

Trypanosoma barrosi 1992 with Lopes, Ribeiro, Albuquerque, Carraro, Satake & Toldo

Trypanosoma brenteganii 1992 with Lopes, Ribeiro, Albuquerque, Carraro, Satake & Garcia

Trypanosoma lamanoi 1992 with Costa, Lopes, Ribeiro, Satake, Albuquerque & Carraro

Trypanosoma satakei 1987 with Nuti-Sobrinho, Lopes, Satake, Ribeiro & Garcia

Trypanosoma vallei 1992 with Lopes, Ribeiro, Albuquerque, Carraro & Satake

Trypanosoma valerii 1991 with Lopes, Lopes, Ribeiro, Albuquerque & Satake

Trypanosoma watanabei 1992 with Lopes, Ribeiro, Albuquerque, Carraro, Lopes & Satake

Julio Garavito Armero

February 29, 2024

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

Julio Garavito Armero, Colombian astronomer, mathematician, economist and physicist (Bogotá 05 January 1865 – Bogotá 11 March 1920)

ACHIEVEMENTS

Stablished a fundamental formula for liquid motion

Demonstrated the existence of non-newtonian mechanics

Elaborated original works about real numbers

Generalized Euler 9 points theorem to spatial geometry

Developed an equation for three bodies problem

Created asymptotic transformation

Idealized a modification of Talcott method for local latitude using a simple theodolite (1901), before Chauvenet (1917). It is known as Garavito method and uses equal circumidian circles altitudes of two stars.

Performed original demonstration of theorems related to changes of canonical variables

Determined variations of some planetary orbits (1893)

Generalized university gravity Law of binary stars

Determined parabolic orbit of some comets using Garavito equations.

MEMBERSHIP

Member, Societé Astronomique de France

Member, Belgian Society of Astronomy

HONORS

Garavito Crater (Moon)

<http://www.arrakis.es/~mcj/garavito.htm>

<http://www.philately.com/philately/biogags.htm> (dead link)

Julio German Koslowsky

March 2, 2024

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

Julio Germán Koslowsky, Latvian-born Argentine naturalist and ethnographer (Steinholm or Akmensala, near Riga, Latvia 15 September 1866 – Huemules, Chubut Province 22 September 1923)

DESCRIBED VALID HERPETOLOGICAL TAXA

Amphibia

Species

Hypsiboas riojanus 1895

Telmatobius hauthali 1895

Reptilia

Genus

Pseudotomodon 1896

Species

Apostolepis intermedia 1898

Bothrops burmeisteri 1895

Leiosaurus catamarcensis 1898

Liolaemus andinus 1895

Liolaemus anomalus 1896

Liolaemus boulengeri 1896

Liolaemus dorbignyi 1898

Liolaemus elongatus 1896

Liolaemus montanus 1898

Liolaemus multicolor 1898

Liolaemus ornatus 1898

Liolaemus rothi 1898

Liophis sagittifer 1896

Lygophis elegantissimus 1895

Ophiodes striatus 1898

Philodryas mattogrossensis 1898

Phymaturus patagonicus 1898

Rhadinea modesta 1896

Subspecies

Liophis sagittifer modestus 1896

Phyllopezus pollicaris przewalskyi 1895

Julio Muniz

April 4, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Julio Muniz, Brazilian protozoologist and immunologist (Cuiabá 22 January 1898 – Rio de Janeiro 06 December 1975)

Authored 103 scientific works

With A.M. Cunha definitely showed the existence of chromatin in bacteria (*Bacillus anthracis*)

Studied in details the endomixia in Ciliata (with A. Cunha & G. de Freitas)

Described the phenomenon of conditioned or passive hemolysis independent from Middlebrook

Action of red cells sensitized with the polysaccharide fraction of the *Schizotrypanum cruzi* in the presence of specific sera. Conditioned hemolysis, one case of immunity reaction. Newsl. Soc. Amer. Bacteriol., p1-9, 1949

Demonstrated the importance of hipersensibility reactions in Chagas disease pathogeny

With A.Penna de Azevedo. Novo conceito de patogenia da doença de Chagas (tripanosomiasis americana). O Hospital 32:165-83, 1947

Developed a precipitation reaction for diagnosis of Chagas disease (Muniz-Freitas reaction or test) being the first use of an agglutination reaction in human cases of Chagas disease

With G. de Freitas. Contribuição para o diagnóstico da doença de Chagas pela reação de imunidade. Mem. Inst. Oswaldo Cruz 41:303-19, 1944

Developed Muniz-Freitas medium for *Trypanosoma cruzi*

With G. de Freitas. Realização “in vitro” do ciclo de *S. cruzi* no vertebrado, em meios de caldo líquido peritoneal. Rev. Bras. Biol. 6:467-84, 1946

Observed the first cases of spontaneous leishmaniasis in guinea pigs an described the causative agent (*Leishmania enrietti*)

With H. Medina. Estudos sobre leishmaniose. I. Primeiros casos de leishmaniose espontânea observados em cobaias. Arq. Biol. Tecnol. 1:39-74, 1946

DESCRIBED PROTOZOA TAXA (all with A. Cunha except one)

Family

Hallidae 1927

Genera

Bundleia 1928

Buissonella 1925

Hydrochoerella 1925

Protohallia 1927

Protolutzia 1925

Species

Balantidium aragaoi 1927

Balantidium ranarum 1927

Balantidium simile 1930

Blepharocorys hydrochoeri 1925

Bundleia bathypharyngea 1928

Cycloposthium caudatum 1927

Cycloposthium cristatum 1927

Cycloposthium magnum 1927

Cycloposthium minutum 1927

Eimeria travassosi 1928

Enteromonas lagostomi 1927

Enteromonas wenyoni 1927

Eutrichomastix aguti 1927

Eutrichomastix gracilis

Herpetomonas culicidarum 1928

Hydrochoerella intestinalis 1925

Leishmania (Leishmania) enriettii 1948 with Medina

Monocercomonas caviae 1921

Monocercomonas cruzi 1925

Monocercomonas globosus

Monocercomonas hassalli 1927

Octomitus acuminatus 1925

Octomitus avium 1925

Octomitus elongatus 1925

Octomitus pitheci 1929

Protohallia uncinata 1927

Sphaerita minor 1923

Toxodinium vorax 1926

Trichomonas aragaoi 1927

Trichomonas felis 1922

Trichomonas lanceolata 1926

Trichomonas megastoma 1927

HONORS (Ciliate Protozoa)

Muniziella Fonseca 1939

Cunhamunizia Ito & Imai 2000

Subg. *Mundinia* Shaw, Camargo & Teixeira 2016

Julius Melzer

April 4, 2024

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

Julius Melzer, German-born Brazilian entomologist (Slupsk, today Poland 11 June 1878 –São Paulo 20 December 1934)

DESCRIBED COLEOPTERA TAXA

Genera

- Anisolophia* 1934
- Anisopeplus* 1934
- Anisopodesthes* 1931
- Atelographus* 1927
- Ceratoeme* 1920
- Cosmotomidius* 1931
- Eburodacrystola* 1928
- Ecliptophanes* 1934
- Emphytoeciosoma* 1934
- Eriphosoma* 1922
- Erythropterus* 1934
- Estoloderces* 1928
- Hoplistonychus* 1930
- Idiomerus* 1934
- Lasiolepturges* 1928
- Lophopoenopsis* 1931
- Lycodesmus* 1927
- Lycominus* 1931
- Lygrocharis* 1927
- Neocoridolon* 1930
- Neophygopoda* 1933
- Nyssicostylus* 1923
- Pentheochaetes* 1932
- Piezochaerus* 1932
- Probatiomimus* 1926
- Pseudocriopsis* 1931
- Pseudostenaspis* 1932
- Ptericoptomimus* 1935
- Schreiteria* 1933
- Sciadosome* 1934
- Sphalloeme* 1928
- Stereomerus* 1934

Species

About 300 species of Coleoptera Cerambycidae

HONORS

- Melzeria* Green 1930 (Hemiptera)
- Melzerus* Monné 2005 (Coleoptera)
- Melzerina* Lane 1966 (Coleoptera)
- Melzerella* Costa Lima 1931 (Coleoptera)

Justo Lijó Pavia

March 6, 2024

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

Justo José Lijó-Pavia, Argentine ophthalmologist (Buenos Aires 19 July 1888 – after 1974)

First described the lineous conjunctivitis (1924)

Eponym of Lijó Pavia-Lis syndrome or benign retinohypophysary syndrome

A new sign of cranial hypertension

With A.V. Di Cio & M. Dusseldorp. Un signo de hipertension ocular a través de la cinematografía del fondo ocular.

Described a form of internal exudative choro retinitis

Enunciated the concept of replacement fibrosis

Described a peculiar papillary pseudotumor of the upper fold (1925)

Studied a new effect in binocular vision

Visión binocular – un nuevo efecto. Rev. Oto-Neurol. Oft. 32:111-3, 1957

DEVELOPED INSTRUMENTATION & PROCEDURES

Ocular fundus by sodium light. J. Rev. Oto-Neurol. Oft. 16:141, 1941

Catarata senil. Un nuevo tratamiento medico. La Semana Medica 64:14, 1937

With M. Dusseldorp. Desprendimiento de retina. Un dispositivo para transiluminación escleral y diatermia simultanea. Un caso experimental. Rev. Oto-Neuro-Oftal. Cir. Neur. Sud-Am. (1935)

With M. Dusseldorp. Procedure for cataract extraction. Am. J. Ophthalm. 10(9):661-6, 1927

La cinematographie du fond de l'oeil: sa technique et son object

A syringe with valves for extraction of cataracts

A hand erisyphe

Juvenal Ricardo Meyer

April 4, 2024

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

Juvenal Ricardo Meyer, Brazilian pathologist (São Paulo 16 May 1898 – São Paulo 22 July 1970)

Observed the cicatrizant action of fungal substances when used in the treatment of varicose and duodenal gastric ulcer

DESCRIBED DISEASES

Emboly syndrome caused by amniotic fluid

Embolia amnio-caseosa. Brasil Medico (1926)

A new transplantable murine lymphosarcoma

Um novo tumor transplantável do camundongo. Ann. Fac. Med. S. Paulo 3:127-34, 1929

With Saborido described a new transplantable murine adenocarcinoma in Arquivos do Instituto Biológico vol 7, 1936

Indícios da existência de um agente celular capaz de malignizar células normais, no linfossarcoma transplantável do camundongo. Arq. Inst. Biol. 11:259-64, 1940

DEVELOPED

A simple method to purify old fluids used in conservation of anatomicopathological pieces

With G. Ferraz. Processo simples para a purificação de líquidos velhos na conservação de peças anatomopatológicas. Arq. Inst. Biológico 5-6:95-6, 1934

Conceived and patented a new dispositive for mounting of museum pieces

Novo tipo de dispositivo para montagem de peças de museu. Arq. Inst. Biol. 11:265-8, 1940

Prova fácil para a verificação da atividade dos timbós. O Campo 12(133):63, 1941

An anticancer drug micelina with commercial name cariocilim

A solution to asymbiotic culture of orchids

Meio assimbiótico simplificado para culturas de sementes de orquídeas. O Biológico 10(3):63-6, 1944

With G. Ferraz. Processo simples para a purificação do líquido de Keyserling

K.V. Lakshminaranyana

March 6, 2024

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

K.V. Lakshminaranyana, Indian zoologist and paleontologist (fl.1962-93)

DESCRIBED TAXA

Genera

Darwinida 1977 with Rama Rao (Crustacea)

Mesonychilestes 1991 (Fossil Mammalia)

Satyapalia 1974 with Hafeezullah (Trematoda)

Species

Mallophaga

Brueelia eichleri 1969

Brueelia plocea 1968

Eulaemobothrion biswasi 1968

Goniocotes mauryi 1971 with Emerson

Fossil Mollusca

Janthina laurseni 1982 with Krishnan & Subbarao

Rhynchoteuthis kapuri 1979

Rhynchoteuthis sastryi 1979 with Saha

HONORS

Subgenus *Lakshminarayanelia* Eichler 1982 (Mallophaga)

Kailash Nath Kaul

March 2, 2024

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

Kailash Nath Kaul, Indian botanist, agronomist and horticulturist (12 February 1905 – 22 February 1983)

DESCRIBED PLANT SPECIES

With C. Fischer (1940)

Chirita stolonifera

Corydalis jigmei

Corydalis zambuii

Lasianthus wardii

Leptodermis wardii

Lonicera deleiensis

Lonicera kingdonii

With Whiting (1941)

Salacia gambleana

HONORS

Kaulinia Nayar 1964 (Pteridophyta)

Kamal

March 2, 2024

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

Kamal, Indian mycologist (fl. 1965–2011)

DESCRIBED FUNGI TAXA

Genera

Agarwalomyces 1987 with Verma

Dwibahubeeja 1995 with Srivastava & Srivastava

Eriocercosporella 1998 with Kumar & Rai

Fuligomyces 1984 with Morgan-Jones

Gonatophragmiella 1994 with Kumar & Rai

Goosiella 1986 with Verma & Morgan-Jones

Kameshwaromyces 1986 with Verma & Morgan-Jones

Neopericonia 1983 with Rai & Morgan-Jones

Paraaoria 1986 with Verma

Parafulvia 1983 with Rai & Morgan-Jones

Pseudochuppia 1984 with Rai & Morgan-Jones

Vladracula 1986 with Cannon & Winter

Species

Over 110

HONORS

Kamalomyces Verma, Sharma & Soni 2008 (Fungi)

Kamran Helvadji

February 29, 2024

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

Kamran Helvadji, Turkish engineer (Diyarbakir 1891- ?)

DESIGNED

Device for automatically calculating trajectory of naval shells

Anti-submarine mines

Balustre compass for manufacturing geometric spirals

Kanti P. Jain

March 1, 2024

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

Kanti P. Jain, Indian paleontologist (22 September 1936 –

DESCRIBED FOSSIL GENERA

Fungi

Colligerites 1979 with Kar

Dendromycealites 1979 with Kar

Diploneurospora 1970 with Gupta

Microsporonites 1968

Mycoarctium 1973 with Cain (living)

Parmathyrites 1970 with Gupta

Paramicrothallites 1970 with Gupta

Quilonia 1970 with Gupta

Sporae/Pollen

Boutakoffiaspora 1973 with Sah

Jerseyiaspora 1972 with Kar & Kieser

Libyaesporites 1972 with Kar & Kieser

Paucibaculisporites 1965 with Sah

Verrucopunctatasporites 1972 with Kar & Kieser

Dinoflagellata

Cauveridinium 1990 with Khowaja-Ateequzzaman

Pseudomuderongia 1984 with Khowaja-Ateequzzaman

Senegalinium 1973 with Millepied

Subtilisphaera 1973 with Millepied

Plantae

Taxaceoxylon 1964 with Kräusel

Acritarcha

Collumosphaera 1980 with Dutta

HONORS

Jainiella Khowaja-Ateequzzaman & Garg 1995 (Dinoflagellata)

Karam Chand Mehta

April 4, 2024

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

Karam Chand Mehta, Indian bryologist and plant pathologist (Amritsar, Punjab 20 June 1892 –Agra, Uttar Pradesh State 08 April 1950)

Discovered disease cycle of cereal rusts in India and authored Control of Cereal Rusts in India (1940) that gave him worldwide recognition

HONORS

Mehtamyces Mundkur & Thirumalachar 1945 (Fungi)

Kariamanikkam Srinivasa Krishnan

March 2, 2024

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

Kariamanikkam Srinivasa Krishnan, Indian physicist (Vizhupanoor Village, Ramnad District, Tamil Nadu 04 December 1898 – New Delhi 14 June 1961)

ACHIEVEMENTS

Authored 135 papers

Discovered with C.V. Raman and independently from Landsberg & Mandelshtam inelastic scattering of light or Raman effect

With C.V. Raman. A new type of secondary radiation. Nature 31, 1928

Developed techniques for measuring the magnetic anisotropy of dia- and paramagnetic crystals

Showed how the magnetic properties of many aromatic molecular crystals and of inorganic complexes reflect molecular anisotropies, bonding and crystal field effects

Mapped the energy distribution of electrons in graphite crystals

With A.B. Bhatia introduced a new formalism of treating the electrical potentials in metals and alloys popularized by Ziman many years later and known as Ziman formalism

Obtained Krishnan-Bhatia formula on electron transport in alloys

Developed Krishnan flip-angle method

With B.C. Guha & S. Banerjee. Phil. Trans. Roy Soc. London A 231:235, 1933

Developed critical torque method for measuring of magnetic anisotropy of single crystals and built a very simple instrument for this purpose

With S. Banerjee. Investigations on Magne-Crystallic Action. III. Further Studies on Organic Crystals. Phil. Trans. A 234:265-98, 1935

Solved the theoretical problem of correlating magnetic susceptibility and the anisotropies with those of their constituent ions or molecules

With K. Lonsdale. Diamagnetic anisotropy of crystals in relation to their molecular structure. Proc. Roy. Soc. A 156:597-613, 1936

Developed a method of finding the molecular orientations in crystals of aromatic substances

Discovered quasi 2 dimensional electron transport

Discovered Landau diamagnetism in graphite

HONORS

Vice-President, International Union of Pure and Applied Physics (1955-7)

Physics Nobel Prize nominee

Karl Moritz

April 4, 2024

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

Johann Wilhelm Karl Moritz, German-born Venezuelan naturalist (Klein-Santersleben, Schackensleben 16 December 1797 – Colonia Tovar, Aragua State 26 July 1866)
Discovered and collected new species of insects mainly Lepidoptera

DESCRIBED PLANTAE TAXA

Genus

Monopyle 1876

Species

- Anemia pastinacaria* 1881
- Aspidium diplazioides* 1858
- Aspidium giganteum* 1913
- Gastranthus schlechtendahlII* 1876
- Lupinus meridanus* 1939
- Manettia mollis* 1918
- Passiflora stellata* 1927
- Polypodium arcuatum* 1856
- Prunus robusta* 1915
- Stillingia rufescens* 1912
- Tropaeolum deckerianum* 1849 with Karsten
- Vittaria gracilis* 1869

HONORS

Moritzia DC ex Meisner 1840 (Boraginaceae)

Karol Lenko

March 6, 2024

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

Karol Lenko, Polish-born Brazilian entomologist (Plock 27 June 1914 – São Paulo 06 January 1975)

Authored 23 scientific works

DESCRIBED NEW TAXA

Species

Gnamptogenys kempfi 1964 (Hymenoptera)

Mixogaster lanei 1958 with Carrera (Diptera)

Mixogaster lopesi 1958 with Carrera (Diptera)

SOME BIBLIOGRAPHY

Ecological Relationship

Minhocas e sanguessugas (Annelida:Oligochaeta & Hirudinea) em ninhos de *Camponotus rufipes* (Insecta, Hymenoptera: Formicidae). Rev. Bras. Entomol. 16:7-12, 1972

Sobre a mirmecofilia de *Plaumanniola sanctaecatharinae* (Coleoptera:Scydmaenidae). Arq. Inst. Biol. S. Paulo 39:327-8, 1972

Pseudomorpha laevis, um carabideo mirmecófilo. Studia Entomol. 15:439-44, 1972

Subsídios para o conhecimento dos isópodos inquilinos de formigas no Brasil (Isopoda, Oniscoidea). Rev. Bras. Entomol. 15:1-10, 1971

An army ant attacking the “guaia” crab in Brazil. Ent. News 80(1):6, 1969

Chelonarium semivestitum, inquilino da formiga *Camponotus rufipes* (Coleoptera:Chelonariidae). Studia Entomol. 10:433-8, 1967

A formiga *Leptogenys bohlsi* como predadora de isópodos (Hymenoptera: Formicidae). Papéis Avulsos Zool. 19:59-61, 1966

Hoplomutilla triumphans Mickel (Hymenoptera:Mutillidae) como parasito de abelhas do gênero *Euplusia* (hymenoptera: Apoidea). Papéis Avulsos Zool. 16:199-205, 1964

Others

An antennal anomaly in *Strongylium textatum* (Coleoptera: Tenebrionidae). Ent. News 82:139-40, 1971

A singular method of feeding of mutillid wasps. Ent. News 81:152, 1970

Sobre un caso teratológico observado em *Paracryptocrus pusillus* (Klug) (Hymenoptera:Formicidae). Stud. Entomol. 7:201-4, 1964

HONORS

Kakoia Alvarenga 1971 (Coleoptera)

Lenkoa Borgmeier 1969 (Diptera)

Lenkous Kaszab 1973 (Coleoptera)

Lenkoella Machado Allison & Papavero 1962 (Psocoptera)

Lenkothrips De Santis & Sureda 1970 (Thysanoptera)

Kedar Mal Gupta

February 29, 2024

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

Kedar Mal Gupta, Indian botanist and paleobotanist (1908-1987)

DESCRIBED PLANTAE TAXA

Fossil

Genera

Irrawadioxylon 1936

Leguminoxylon 1936

Sewardioxylon 1971

Species

Cladiphlebis srivastavai 1954

Cycadeospermum indicum 1954

Dipterocarpoxyton holdeni 1935

Hausmannia indica 1955

Nilssonia sahnii

Osmundites rajmahalense 1970

Sewardioxylon sahnii 1971

Williamsonia sahnii 1943

Living

Marsillea ballardii 1956

HONORS (Fossil Plantae)

Guptiorachis Sharma 1971

Guptioxylon Sharma 1969

Kelsey Harrison

February 29, 2024

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

Kelsey Atangamuerimo Harrison, Nigerian gynecologist and obstetrician (Abonnema, Rivers State 09 January 1933 –

With A. Kadiri developed a simple technique and established the safety of treating gross anaemia by packed cell transfusion combined with ethacrynic acid (1970)

First to show that anaemia in the mother impaired the growth of her baby in the womb, and that the correction of the anaemia during pregnancy led to catch-up growth of the baby

Unraveled the influence of several haemoglobinopathies in pregnant women and their babies and how best to deal with them

HONORS

George Macdonald Medal, Royal Society of Tropical Medicine and Hygiene & London School of Hygiene and Tropical Medicine (1987)

Keng family

March 2, 2024

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

Yi Li Keng, Chinese botanist (1897 – 1975)

DESCRIBED PLANTAE TAXA

Others

1 supertribe, 3 subtribes and 3 series

Valid Genera (Poaceae)

Brachystachyum 1940

Stephanachne 1934

Species

212 being much of the them Poaceae plants

HONORS (Poaceae)

Kengia Packer 1960

Kengylia Yen & Yang 1990

His son, Po-Chieh Keng or Pai-Chieh Keng (originally Kwan-hou Keng), botanist (1917 –

DESCRIBED PLANTAE TAXA

Others

2 supertribes, 8 subtribes, 1 tribe, 1 section and 4 series

Valid Genera (Poaceae)

Drepanostachyum 1983

Ferrocalamus 1982 with Hsueh

Himalayacalamus 1983

Neomicrocalamus 1983

Yushania 1957

Species

43 being one of the them Fabaceae

Kenneth John Hayward

February 29, 2024

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

Kenneth John Hayward, English-born Argentine entomologist (Pitney village, Somerset, England 07 March 1891 – Tucumán 21 May 1972)

Authored about 300 works

DESCRIBED LEPIDOPTERA GENERA

Adlerodea 1940

Alerema 1942

Ametron 1940

Auca 1953

Cobaloides 1938

Cordillana 1941

Evansiella 1948

Heringiana 1968

Mellana 1948

Neadopaea 1941

Nelia 1953

Neomaniola 1949

Neoxeniades 1938

Nyctelius 1948

Pampasatyrus 1953

Sea 1950

Selenisa 1968

Spinantenna 1953

Vistigma 1938

Species

More than 300

HONORS

Haywardiales Haedo Rossi 1964 (Coleoptera)

Haywardius Cobos 1958 & *Haywardinia* Cobos 1965 (Coleoptera)

Haywardina Aczel 1952 (Diptera)

Haywardella Herrera 1966 (Lepidoptera)

Kenneth Stephen Julien

March 1, 2024

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

Kenneth Stephen Julien, Trinbagonian electrical engineer (Arouca, Trinidad 02 September 1932 –

Held patents for electrical systems

CONTRIBUTIONS/BIBLIOGRAPHY

With C. Sharma. Development of a model of a small electrical system and its validation. Procc. IEEE IV Seminario de Ingeniería de Potencia y I Seminario de Distribución de Energía Eléctrica. pp. 264-9, 1994

With C. Sharma. A portable data acquisition system for accurate measurement of random and high frequency power surges. Proceed. IEEE Seventh Ann. Conf. Fault and Disturbance Analysis (1992)

With D.J. Chee-Hing. A new static watt compensator for the iron and steel company of Trinidad and Tobago (1982)

With S.C. King & R. Gowda. Optimisation of power system loads for a least cost performance criterion. Part I. IEEE Summer Power Meeting Conference Paper (1974)

With J.F. Szalblya. A method of analysis of the transient behavior of a terminated power transmission line. IEEE Winter Power Meeting 31:87-113, 1966

With J.F. Szalblya. A modern approach to electromagnetics. Radiation Effects Summer Conference Paper (1963)

The use of compensating networks in long transmission lines. UBC Engineer (1961)

Keshav Mukund Lele

March 6, 2024

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

Keshav Mukund Lele, Indian paleobotanist (Varanasi 26 March 1931 – 09 January 1981)

DESCRIBED FOSSIL GENERA

Sporae

Barakarella 1983 with Srivastava

Biornatispora 1969 with Streel

Circumstriatites 1972 with Makada

Crucisaccites 1964 with Maithy

Gondwanapollis 1969 with Maithy

Jayantisporites 1972 with Makada

Pachysaccus 1969 with Maithy

Plicatipollenites 1963 with Maithy

Plicatisporites 1972 with Makada

Rimospora 1969 with Maithy

Rugasaccites 1969 with Maithy

Stellapollenites 1965 with Maithy

Striatoparvisaccites 1975

Trilaevipellites 1974 with Chandra

Tuberisaccites 1972 with Makada

Virkkipollenites 1964 with Makada

Others

Alatocarpus 1969 (Plantae)

Foveofusa 1972 with Chandra (Acritarcha)

Parsorophyllum 1969 (Plantae)

Scutellocladus 1962 with Walton (Plantae)

HONORS (Fossil Plantae)

Lelestrobis S.C. Srivastava 1984

Leleopteris Srivastava & Chandra 1982

Kidar Nath Gaiind

February 29, 2024

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

Kidar Nath Gaiind, Indian chemist and pharmacist (Pusrur, Sialkot District 28 September 1911 – ?)

With S.K. Gupta & J.N. Ray. Enzyme method for the estimation of adrenaline from suprarenal glands.

With P.C. Guha & D.R. Mehta. A new method of synthesis of bicyclic compounds. *Curr. Science* 2(2):53, 1933

With P.C. Guha. Two new methods of synthesis of norpinic acid. *Curr. Science* 2(12), 1934

With J.N. Ray & B. Sarin. Synthesis of new local anaesthetics

Synthesized a number of antiseptic phenolic dyes

Kizhakkedathu Mathai Kochummen

March 2, 2024

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

Kizhakkedathu Mathai Kochummen, Indian-born Malaysian forest botanist (Kerala, India 06 July 1931 – Kuala Lumpur 31 March 1999)

Described 74 plant species and 17 varieties

HONORS

Kochummenia Wong 1984 (Rubiaceae)

Kochummenaspis Takagi 2003 (Hemiptera)

Kona Hanumantha Rao

February 29, 2024

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

Kona Hanumantha Rao, Indian helminthologist and parasitologist

Authored about 370 papers

DESCRIBED HELMINTH TAXA

Genera

Bullockrhynchus 1985 with Chandra & Shyamasundari (Acanthocephala)

Elongoparorchis 1961 (Trematoda)

Indoglomeritrema 1983 with Madhavi (Trematoda)

Labriferoides 1962 with Ganapati & Lakshmana Rao (Digenea)

Orchispirium 1970 with Madhavi (Trematoda)

Penetrocephalus 1960 (Cestoda)

Species

About 110

HONORS

Hanumantharaorhynchus Chandra 1983 (Acanthocephala)

Konstantin Gavrilov

February 29, 2024

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

Konstantin Gavrilov, Russian-born Argentine zoologist (Jasvitchy District, Novgorod Province 27 July 1908 – San Miguel de Tucumán 25 November 1982)

Demonstrated and established the concept of uni- and biparental reproduction

Sobre la reproducción uni y biparental de los oligoquetos. Acta Zool. Lilloana 5:221-311, 1948

Ein neuer spermathekenloser Vertreter der Tubificiden. Zool. Anz. 155(11-2):294-302, 1955

Metodo de preparación y la aplicación de los histolisados. Arq. Farm. Bioquim. Tucumán 5(1):103-230, 1950

Described the genus *Paranadrilus* 1955 and the species *Limnodrilus inversus* 1949 with Paz and *Paranadrilus descolei* 1955 (Oligochaeta)

LINKS

<https://www.scielo.br/j/rbzool/a/qVwGDbVJYsqTVMrn6j5XnWC/?lang=pt&format=pdf> See <https://www.scielo.br/j/rbzool/a/qVwGDbVJYsqTVMrn6j5XnWC/?lang=pt&format=pdf>. (in Portuguese)

Krishan Lal

March 6, 2024

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

Krishan Lal, Indian physical crystallographer (Chiniot, today Pakistan 15 March 1941 –

Authored over 122 research papers, 9 books and 7 patents

Directly observed and characterized effect of external electric fields on real structure of semiconductors and insulators

Characterized the effect of processing steps for solid states devices fabrication on substrate materials

Enabled growth of single crystals of unprecedented perfection level

First to observe directly and characterize very low angle boundaries with tilt angles

Developed accurate techniques for measurement of dielectric constants and dielectric loss of single crystals

Developed a new high-resolution technique and a three-crystal x-ray diffractometer to investigate diffuse x-ray scattering from nearly perfect single crystal

Developed high quality multi-crystal x-ray diffractometers

Kun Huang

February 29, 2024

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

Kun Huang, Chinese physicist (Jiaxing, Zhejiang Province 02 September 1919 – Beijing 06 July 2005)

Authored over 50 papers and 5 books

First to predict diffuse x-ray scattering due to crystal defects known as Huang scattering (proved in 1960s)

Discovered the coupled vibratory modes between optical vibration and the electromagnetic field (concept of polariton)

Proposed phenomenological equations to treat the long wavelength optical vibrations (Huang equations)

Developed a theory of radiative and non-radiative multiphonon transition processes associated with lattice relaxation (Huang-Rhys factor)

First to discover the coupled vibrations modes between optical vibration and the electromagnetic field

With Max Born developed Dynamical Theory of Crystal Lattices

Eponym of Huang-Pekar theory and Born-Huang approximation

HONORS

Asteroid Huangkun 48636

Kurien Jacob & Chinna Virkki

March 1, 2024

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

Kurien Jacob, Indian paleobotanist (Cancu?, Kerala State 03 March 1910 – Bangalore 20 December 1999)

From a Syrian family

Described 3 new genera in Fossil Plantae (*Tinpaharia*, *Sakristobus* e *Pseudocycadeoidea*)

Honored in genus *Jacobipollenites* Ramanujan 1966 (Fossil Sporae)

His wife, A.B. Chinna Virkki, paleobotanist (fl.1935-54)

Described *Striatites sewardii* 1937

Honored in genera *Virkkispora* Pant & Srivastava 1965 & *Virkkipollenites* Lele 1964 (Fossil Sporae)

Lagos Garcia brothers

March 6, 2024

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

Juan Carlos Lagos García Elliot, Argentine physician (Buenos Aires 29 December 1880 – Buenos Aires 17 June 1928)

Authored *Las deformidades de la sexualidad humana* (1925), the first modern medical book dedicated to genital abnormalities and their surgical cure

Described Lagos García-Segers-Ivanissevich's water-hyacinth sign for diagnosis of lung hydatidosis

With A. Segers. Consideraciones sobre un caso de quiste hidatico pulmonar abierto em brônquios. *Sem. Med.* 31:271, 1924

SOME BIBLIOGRAPHY

Equinococosis experimental. *Sem. Med.* 741, 1922

Hepatoma en un niño de cinco meses. Operación. Curación (1920)

Quistes hidaticos en niños (1908)

Rachitis untere extremitaten. *Sem. Med.* 30(17):789-804,

With A.L. Masucci. Die eitrige Entzündung des Huftgelenkes in der Ersten Kindheit. *Sem. Med.*

Equinococosis pulmonar en la infancia

With J. G. Fernandez. Consideraciones a proposito de un caso de oclusión intestinal

Derrame pleural com colestestina

His brother, Alberto Lagos García Elliot, pediatric surgeon (1903 – 1950)

Described epitrochlea fracture with fragmente in articulation and palsy of cubital nerve

Fractura de la epitróclea com interposición intra-articular del fragmento. Parálisis del nervo cubital

SOME BIBLIOGRAPHY

Invaginación intestinal em el niño (1947)

Labio leporino mediano y nariz bífida. *Sem. Med.* 2:237-41, 1944

With C.J. García Díaz. Primary ileitis in children. *Arch. Argent. Pediat.* 14:281, 1943

With R.F. Geser. La apofisis de la patella partida. *Sem. Med.* p.886-91, 1938

Las fracturas del cóndilo externo del húmero en los niños (1937)

With M. J. Fitte. Las luxaciones simples patológicas de la cadera (1932)

Traumatische lasionen des Atlas und Epstiropheus. *Prensa Med. Arg.* 16:1317-33, 1930

Hydatid cyst of the convex surface of the liver in children (1928)

With M.J. Fitte. Lesiones traumaticas del atlas y axis

Lane Brothers

March 6, 2024

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

John Lane, Brazilian medical entomologist (São Paulo 12 March 1905 – São Paulo 04 January 1963)

Son of United States immigrants

Authored 152 papers

DESCRIBED NEW TAXA

Genera and Subgenera (Diptera)

Abmyceta 1955

Antunesmyia 1942 with Cerqueira

Aphrastomyia 1949 with Coher

Bosomyia 1954

Calliceratomyia 1946

Callicypta 1954

Cruzmyia 1942 with Cerqueira

Davismyia 1942 with Cerqueira

Edwardsops 1942

Eurypterosyrphus 1947 with Barretto

Limamyia 1942 with Cerqueira

Lutzomiops 1942

Macfiehelea 1946

Neoditomyia 1958 with Sturm

Oromyceta 1955

Schizoceratomyia 1947 with Carrera & Souza Lopes

Shannoniana 1942 with Cerqueira

Vonplessenia 1942 with Cerqueira

Species and subspecies (mainly Diptera)

638 species and 2 subspecies

HONORS

Johnlaneia Orfila & Schajovsky 1964 (Lepidoptera)

Laneella Pinto de Melo 1967 (Diptera)

Lanehelea Wirth & Blanton 1972 (Diptera)

Lanemyia Barretto 1949 (Diptera)

His brother, Frederico Lane, entomologist, ethnographer and folklorist (São Paulo 17 September 1901 – São Paulo 22 September 1979)

Authored 101 works

Described 91 genera and subgenera in Coleoptera

HONORS

Laneius Soares 1942 (Arachnida)

Lanesoares Roewer 1949 (Arachnida)

Antodilanea Gilmour 1962 (Coleoptera)

Fredlanea & *Fredlanella* Martins & Galileo 1996 (Coleoptera)

Larry Leach

March 6, 2024

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

Leslie (Larry) Charles Leach, English-born South African (Southend on Sea, Essex 18 November 1909 – Pietersburg, today Polokwane, Limpopo Province 18 July 1996)

Worked in Rhodesia (1938-81) & South Africa (1981-96)

DESCRIBED NEW PLANTAE TAXA

Asclepiadaceae

Orbeanthus 1978

Orbeopsis 1978

Pachycymbium 1978

Euphorbiaceae

Endadenium 1973

Species

114 in Aloaceae, Asclepiadaceae and Euphorbiaceae

HONORS

Larryleachia Plowes 1996 (Asclepiadaceae)

Laxman Prasad Mathur

April 4, 2024

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

Laxman (Lakshmi) Prasad Mathur, Indian geologist and historian (October 1922 –

SOME BIBLIOGRAPHY

With M.R. Sahni. Stratigraphy of the Siwalik group (1964)

With P. Evans. Oil In India – A review. Int. Geol. Congr. 22 nd Session, India (1964)

With G. Kohli. Geology and oil possibilities in Northwest India. Proc. Ecafe Symposium Petr. Res. New Delhi (1958)

With G. Kohli. Exploration and development for oil in India. 6th World Petrol. (1958)

Assam earthquake of 15th Aug 1950. A short note on factual observations.

HONORS

Mathurosphaera Varma & Dangwal 1964 (Acritarcha)

Leborgne Family

March 6, 2024

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

Raul Alfredo Leborgne Fossemale, Uruguayan radiologist (Montevideo 19 April 1907 – 1986)

Developed the first method of radiologically guided mammary biopsy (1946)

With brother Felix Leborgne created the mammography and the mammograph (1948-9)

Discovered radiological signs of mammography

Demonstrated that the diagnostic importance of the fine microcalcifications that may be detected radiographically in a high proportion of breast cancers (1951)

Described the radiographic differences between benign and malignant calcifications (1935)

First to report the significant association of microcalcifications with subclinical carcinoma

Described a way to collect the fluid of a breast duct or ductal rinse (1946)

First mentioned the idea of studying the breast ducts and their fluid

Introduced craniocaudal incidence to the mammography

Used the collimating cone to compress the breast

Developed new techniques in radiology such as techniques for contrast studies in salivary glands (1947)

Proposed the use of the low voltages in radiographies (1949)

Introduced low radiation radiology (1953)

Anticipated screening

Authored The Breast in Roentgen Diagnosis, the first treatise of mammary radiology (1953)

Enunciated Leborgne Law “the palpable tumor is bulkier than it seen in the radiography” (1951)

EPONYMY

Leborgne mammographies

Leborgne-Gross method of breast radiography

His brother, Felix Enrique Leborgne Fossemale, radiologist (Montevideo 24 January 1904 – 1970)

Authored the first work on sentinel ganglion (1954)

Nueva tecnica radiologica per cortes o secciones. Anales Ateneo Clin. Quir. (1936)

Proposed standardization of radioactive measures in roentgentherapy

Reported the first tomographic study in patients with cancer of the larynx and performed the first frontal laryngeal tomography (1936)

Developed a method for transluminal intubation of esophagus tumor

World pioneer in treating laryngeal and uterine cervical cancer creating a radio therapeutic device for treatment of them

Developed the first radium isotopic scanner or gamma topograph

Constructed a radium “gun” for telecurietherapy (1930)

Devised a manual mechanical contraption which permitted making of tomograms with conventional radiodiagnostic equipment (1936)

Built dosimetric apparatuses such as the first x-rays pump for external irradiation

Designed intrauterine radium applicators

An intrauterine “radium holder” tube with drainage fillets

An innovative radium kymograph

A radium scalpel (the first electric scalpel)

A kind of vaginal “radium holder” fórceps

The first dosimeter for calibration of nuclear energy sources with therapeutic uses

Son of Felix, Felix Leborgne Pueyrredón, radiologist (1935 – Montevideo 01 May 2009)

Authored over 150 works

Pioneer in the standard use of ultrasonography in mammary diagnosis

Developed the first simulator for brachytherapy and 3D conformal radiotherapy

WITH HIS BROTHER JOSÉ H. LEBORGNE

Introduced the concept of biological effective dose in personal treatment of head and uterine cervix cancer

Perfected mammography beyond clinical use of ultrasonography

His Montevideo trial about management of non-palpable changes of breast earned international repercussion (1990) independently of Edward Sickles

Introduced cytological diagnosis under ecographic control in non-palpable lesions

Introduced the pre-surgical hookwiring and the ambulatorial stereotaxic percutaneous biopsies

Determined optimal dosis for radio therapeutic treatment of uterine cervix cancer

Brother of Felix, José Honorio Leborgne Pueyrredón, radiologist (March 1938 –

See above

Legrand family

March 6, 2024

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

Enrique Legrand Carriguisi, Uruguayan poet, astronomer and mathematician (Montevideo 12 August 1861 – Montevideo 23 October 1936)

Authored 22 works and scientific publications

Calculated the orbit of Viscara comet (1901)

Invented a system of repeating prisms applied to sextants

Prismes réitérateurs appliqués au sextant (1898)

Developed a graphical method for predicting Sun occultations and eclipses

Método gráfico para la predicción de ocultaciones y eclipses de Sol (1906)

OTHER CONTRIBUTIONS

Loi du rayonnement thermique solaire. Bol. Colegio Pio (1897)

Sommations par une formule d'Euler (1911)

Sobre Wallis y sus métodos de interpolación y dos fórmulas para el cálculo logarítmico a 4 decimas de las funciones eulerianas (1919)

Determinación exacta de la latitud y del tiempo en el sextante (1927)

His son, Carlos María Diego Enrique Legrand Lasserre, botanist (Montevideo 01 November 1901 – Montevideo 06 December 1982)

Gained international recognition on *Portulaca* genus and Myrtaceae family

Described 1 genus, 3 subgenera, 19 sections, 27 subsections, 6 series, 169 species, 2 subspecies, 80 varieties, 10 forms and 11 combinations

HONORS

Legrandia Kausel 1944 (Myrtaceae)

LINKS

<http://www.mec.gub.uy/munhina/pdf/PE40.pdf> See <http://www.mec.gub.uy/munhina/pdf/PE40.pdf>. (*bibliography and taxa*)

Lélio Itapuambyra Gama

February 29, 2024

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

Lélio Itapuambyra Gama, Brazilian mathematician, astronomer and geophysicist (Rio de Janeiro 29 August 1892 – Rio de Janeiro 21 July 1981)

Introduced notion of spheroidal structure spaces. It is the same as uniform structure enunciated by Weil in 1937

Notion de proximité et espaces à structure sphéroïdale. American Journal of Mathematics 67(1):42-58, 1945.

Another important work

Limits d'ensemble dans les espaces abstraits. Summa Brasiliensis Mathematicae 1:1945-6

Proposed a fundamental theorem

Sur les fonctions d'intervalle. Anais Acad. Bras. Ciencias (1939)

Simplified the classical methods of reduction per day

Sobre o cálculo dos fatores de Kimura para a redução ao dia (1925)

Improved the control of instrumental deviation in the observation of latitude variations

Estudo da precisão do método de Talcott (1929)

Proposed that curvature correction may be formulated as a function of median zenithal distance by observed star pairs

On the computation of the reduction to the meridian in latitude observators. Astron. Nachrichten 5361:163-4, 1925

Developed a Talcott method for computing mean declination of a pair of stars using differential corrections of Kimura factors

Member, Astronomical Time and Earth Rotation Committee, International Astronomical Union (1956-64)

SOME BIBLIOGRAPHY

Valores da gravidade nas regiões centro e sul do Brasil (1972)

Sobre a variação diurna do campo magnético no Brasil (1972)

Constante do micrômetro da luneta zenital de Heyde (1969)

Campo magnético normal e sua variação secular em 545 pontos geográficos do Brasil, 1880-1960 (1966)

Cyclic fluctuations in geomagnetic secular change (1915-1959) 1960

Précis de theorie du magnetometer (1957)

With C.A. Barros. Comparison of the Rude Skov and Vassouras magnetic standards by means of quartz horizontal-force magnetometers (1953)

Recherches théoriques et pratiques sur les variometres unifilaires (1951)

Series numéricas (1947)

Sobre a integral imprópria (1941)

Sur l'additivité du contingent. Comptes Rendus Acad. Sci. Paris 207:29-31, 1938

Sur l'additivité de l'accumulatif. Comptes Rendus Acad. Sci. Paris 207:447-8, 1938

Contribuição a teoria dos limites. Anais Acad. Bras. Ciências (1937)

Sobre as equações diferenciais do movimento dos asteróides (1934)

On the computation of mean star factors for the deduction of latitude observations by Horrebow-Talcott method Astron. Nachrichten 5691:45-6, 1930

Estudo sobre as linhas geodésicas. Thesis (1929)

Contribuições para o estudo da variação das latitudes (1929)

Determinação da latitude (1929)

Cálculo do nascer e do ocaso da Lua no Rio de Janeiro (1928)

Nota sobre a theoria do movimento diurno (1924)

Lemos Torres family

March 6, 2024

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

Alvaro de Lemos Torres, Brazilian physician (Rio de Janeiro 15 April 1884 – São Paulo 18 January 1942)

Described Lemos Torres sign

Sobre um novo signal de derrame pleural. O Hospital 36(4):597-603, 1929

Created Lemos Torres technique or extended hand technique for palpation of liver

His son, Ulysses Lemos Torres, surgeon (Avaré, São Paulo State 20 October 1911 – São Paulo 02 April 1982)

Developed a method for spleen palpation

Um método de palpação do baço. O Hospital 24(1), 1943

Um novo sinal de ascite; técnica de percussão palpatória para pesquisa de líquido na cavidade abdominal. O Hospital 72(5):1335-46, 1967

Lemos Torres-Degni technique for treatment of portal hypertension

With M. Degni. Rational basis of a new technique for the treatment of portal hypertension. Bull. Soc. Internat. Chir. 22:3, 1963.

With M. Degni. Bases de uma nova técnica de desconexão azigos-porta radical para tratamento da hipertensão portal (operação de Lemos Torres-Degni). Rev. Bras. Cardiovasc. 3(2):103-8, 1967

Bases fisiopatológicas de uma nova orientação cirúrgica para o tratamento da síndrome de hipertensão portal. Rev. Bras. Cardiovasc. 3(2):101-2, 1967

Métodos cirúrgicos no tratamento da síndrome de hipertensão portal apreciados por um clínico: reformulação de conceitos e propositura de uma nova orientação cirúrgica. Arqu. Med. Hosp. Fac. Ciencias Med. Santa Casa S. Paulo 9:23-43, 1963

Síndrome de hipertensão portal. Nova conceituação e orientação terapêutica. Ars Curan 1(1):41-5, 1968

Técnica e tática no tratamento da esquistossomose mansônica. O Hospital 57(4):649-57, 1960

Leonard Mwasumbi

April 4, 2024

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

Leonard B. Mwasumbi, Tanzanian botanist (1938 – 2013)

SOME BIBLIOGRAPHY

With G. da Silva, E. Ferreira, R. Serrano, E. Teixeira Gomes, M. Caniça & O. Silva. In vitro anti *Neisseria gonorrhoeae* activity of *Terminalia boivinii*, *Terminalia sambesiaca* and *Terminalia spinosa*. *Planta Med.* 76:468, 2010

With P. Fyhrquist, P. Vuorela, H. Vuorela, R. Hitunen, C. Murphy & H. Adlercreutz. Preliminary antiproliferative effects of some species of *Terminalia*, *Combretum* and *Pteleopsis* collected in Tanzania on some human cancer lines. *Fitoterapia* 77(5):358-66, 2006

With P. Fyhrquist, C.A. Haeggstrom, H. Vuorela, R. Hitunen & P. Vuorela. Antifungal activity of selected species of *Terminalia*, *Pteleopsis* and *Combretum* (Combretaceae) collected in Tanzania. *Pharmac. Biol.* 42(4-5):308-17, 2004

With P. Fyhrquist, C.A. Haeggstrom, H. Vuorela, R. Hitunen & P. Vuorela. Ethnobotanical and antimicrobial investigation on some species of *Terminalia* and *Combretum* (Combretaceae) growing in Tanzania. *J. Ethnopharmac.* 79(2):169-77, 2002

With D.M. Jonhson & F.M. Mbago. New species of *Xylopi*a and *Uvaria* (Annonaceae) from Tanzania. *Novon* 9(1):55-60, 1999

With P. Karhula, M. Harkonen, T. Saarimäki & A. Verbeken. Tanzanian mushrooms and their uses. VI. *Lactarius*. *Karstenia* 38:49-69, 1998

With F. Freiburghaus, S.A. Jonker, M.H.H. Nkunya & R. Brun. In vitro trypanocidal activity of some rare Tanzanian medicinal plants. *Acta Tropica* 66(2):79-83, 1997

With F.D. Calonge, M. Harkonen & T. Saarimäki. Tanzanian mushrooms and their uses. V. Some notes on the Gasteromycetes. *Karstenia* 37:3-10, 1997

With K. Vainio-Mattila & K. Lahti. Traditional use of wild vegetables in the East Usambara Mountains (1997)

With M.C. Gessler, D.E. Msuya, M.H.H. Nkunya, A. Schar, M. Heinrich & M. Tanner. Traditional healers in Tanzania: the treatment of malaria with plant remedies. *J. Ethnopharm.* 48(3):131-44, 1995

With M.C. Gessler, M.H.H. Nkunya, M. Heinrich & M. Tanner. Screening Tanzanian medicinal plants for antimalarial activity. *Acta Tropica* 56:65-77, 1994

With M. Harkonen & T. Saarimäki. Edible and poisonous mushrooms of Tanzania. *Afr. J. Mycol. Biotechnol.* 2:99-123, 1994

With N.D. Burgess & G.P. Clarke. Vegetation of Pande and Kiono Coastal forests, Tanzania. *Plant Ecology* 113(1):71-81, 1994

With M. Harkonen & T. Saarimäki. Tanzanian mushrooms and their uses. IV. Some reddish edible and poisonous *Amanita* species. *Karstenia* 34:47-60, 1994

With T. Saarimäki & M. Harkonen. Tanzanian mushrooms and their uses. III. *Termitomyces singidensis* sp.nov. *Karstenia* 34:13-20, 1994

With M. Harkonen & T. Saarimäki. Tanzanian mushrooms and their uses. II. An edible species of *Coprinus* section *Lanatuli*. *Karstenia* 33:51-9, 1993

With M. Harkonen, B. Buyck & T. Saarimäki. Tanzanian mushrooms and their uses. I. *Russula*. *Karstenia* 33:11-50, 1993

With N.H.H. Nkunya, H. Weenen, D.H. Bray & Q.H. Mgari. Antimalarial activity of Tanzanian plants and their active constituents. The genus *Uvaria*. *Planta Medica* 57 (1991)

With H. Weenen, M.H.H. Nkunya, D.H. Bray, L.S. Kinabo, V.A.E.B. Kilimali & J.B.P.A. Wijnberg. Antimalarial activity of Tanzanian medicinal plants. *Planta Medica* 56(4):368-70, 1990

With H. Weenen, M.H.H. Nkunya, D.H. Bray, L.S. Kinabo, V.A.E.B. Kilimali & J.B.P.A. Wijnberg. Antimalarial compounds containing an α,β -unsaturated carbonyl moiety from Tanzanian medicinal plants (1990)

With B. Verdcourt. A new species of *Uvaria* (Annonaceae) from Tanzania. *Kew Bulletin* 43(1):99-101, 1988

With I.S. Kikula & S.A. Mohamed. A baseline plant checklist of the vegetation around the southern pulp and paper mill in southern Mifundi District, Tanzania (1986)

HONORS

Mwasumbia Couvreur & Johnson 2009 (Annonaceae)

Leonardo J. Mata

April 4, 2024

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

Leonardo de Jesús Mata Jiménez, Costa Rican physician (Dota, San Jose Province 06 December 1933–

Performed studies in public health and virology

Developed Agar cell culture precipitation test, published in Journal of Immunology 91(2):151–62, 1963.

HONOURS

Strother Chair, University of Washington (1974)

Charles Franklin Craig Chair, American Society of Tropical Medicine & Hygiene (1974)

Samuel Z. Levine Chair, University of Texas, Medical Center (1975)

UNESCO Science Prize (1981)

Stuart Mudd Award, World Academy of Art and Science, Philadelphia, USA (1982)

Life Member, World Academy of Art and Science, Philadelphia, USA (1983)

Spiegel Chair, Columbia University (1986)

Withering Chair, University of Birmingham (1990)

Honorary Life Member, American Society of Tropical Medicine & Hygiene (1992)

Leopold Hainberger

February 29, 2024

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

Leopold Hainberger, Austrian-born Brazilian Catholic father and analytical chemist (Ulrichsberg 08 November 1908 – Rio de Janeiro 03 February 1988)

DEVELOPED NEW METHODS

With R.N. Damasceno a colorimetric method for vanadium

With H.P. Henriques a new method for spectrophotometric determination of manganese at submicrogram scale

With C. Martire a new sensitive and selective method for aluminium (1985)

With S.T. Moreira & V. Cotsas a technique for determinations on lead (1977)

With Feigl a spot-test for sodium dithionite

With H. Ballczo a simple method for quantitative determination of iodide, bromide and chloride dissolved in one drop (1959)

With A.L. Rebello a method of spectrophotometric determination of copper (1974)

With G. Gryner a method for spectrophotometric determination of iron (II) in the presence of cobalt and nickel (1977)

With S.F.T. Moreira a sensitive method of spectrophotometric determination of silver (1977)

With W.O. Andrade a sensitive and selective method of spectrophotometric determination of molybdenum (1982)

With S.J. Zundel a rapid and sensitive test for uranium (1964)

With J. Nozaki. Empfindliche nitratbestimmung in Gewässern mit 2,7-diaminofluoren. Mikrochim. Acta 1:75-80, 1979

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With M. Krizanova & A. Reis. Spectrometric determination of niobium with chloranilic acid. Z. Anal. Chem. 261(4-5):400, 1972

With S.C. Sanchez. The detection of thorium with alizarin S and its determination on the ring oven according to Weisz. Mikrochim. Acta 2:245-9, 1961

With F. Feigl. An Improved test for formaldehyde (1955) in Formaldehyde. Chem. Anal. 44(2):47-8, 1955

Leopoldo García-Colín

February 29, 2024

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

Leopoldo García-Colín Scherer, Mexican physicist (Ciudad de Mexico 27 November 1930 – Ciudad de Mexico 08 October 2012)

From German descent

Authored 237 papers and 17 books on chemical physics and statistical physics

SOME BIBLIOGRAPHY

With A.L. García-Perciante & A. Sandoval-Villalbaz. Benedicks effect in a relativistic simple fluid. *J. Non-Equil. Thermodyn.* 38:141, 2013

With A.L. García-Perciante & A. Sandoval-Villalbaz. On the nature of the so-called generic instabilities in dissipative relativistic hydrodynamics. *Gen. Relat. Grav.* 41(7):1645-54,

With A. Sandoval-Villalbaz & A.L. García-Perciante. Relativistic transport theory for simple fluids to first order in the gradients. *Physica A. Stat. Mech. Appl.* (2008)

With E. Hernandez-Lemus. Non-equilibrium critical behavior: an extended irreversible thermodynamics approach. *J. Non-Equil. Thermodyn.* 31(4):397-417, 2006

With A. Sandoval-Villalbaz. Jeans instability in the linearized Burnett regime. *Physica A* 347:375, 2005

With P. Goldstein. On the validity of Onsager's relation in an inert dilute gas mixture. *J. Non-Equil. Thermodyn.* (2005)

With A. Sandoval-Villalbaz. Hydrodynamic time correlate functions in the presence of a gravitational field. *Physica A* 237:213, 2003

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With A. Sandoval-Villalbaz. On the gravitational instability of a dissipative medium. *Class. Quant. Gravity* 19(8): 2171-6, 2002

With F.J. Uribe, R.M. Velasco & E. Díaz Herrera. Shock wave profiles in the Burnett approximation. *Phys. Review E* 62:6648, 2000

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With A. Sandoval-Villalbaz. On the cosmological implications of irreversible thermodynamics. *J. Gen. Relat. Grav.* 31:781, 1999

Remarks on the glass transition. *Rev. Mex. Física* 45, 1999

With F.J. Uribe & R.M. Velasco. Burnett description of Strong shock waves. *Phys. Rev. Lett.* 81:2044, 1998

With S. Godoy. Nonvalidity of the telegrapher's diffusion equation in two and three dimensions for crystalline solids. *Physics Review E* 55(3):2127-31, 1997

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With S. Godoy. From the quantum random walk to classical mesoscopic diffusion in crystalline solids. *Phys. Rev. E* 53:5779, 1996

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With P. Goldstein. Transport processes in a viscoelastic binary mixture. *J. Non-Equil. Thermodyn.* 19:170-83, 1994

With R.M. Velasco. Viscoheat coupling in a binary mixture. *J. Phys. A Math. Gen.* 24(5), 1991

With F.J. Uribe. Extended irreversible thermodynamics beyond the linear regime. A critical overview. *J. Non-Equil. Thermodyn.* 16:89-128, 1991

Extended non-equilibrium thermodynamics: scope and limitations. *Rev. Mex. Física* 34:344, 1988

With R.F. Rodríguez. On the relationship between extended thermodynamics and the wave approach to thermodynamics. *J. Non-Equil. Thermodyn.* 13:81-94, 1988

With M. López de Haro. The Burnett equations in extended irreversible thermodynamics. *J. Non-Equil. Thermodyn.* 7:95, 1982

With S.M.T. de la Selva. The bulk viscosity and the chemical relaxation measurements within the context of thermodynamics (1980)

With J. Peretti. Evaluation de la fonction de distribution binaire d'un gaz quantique imparfait. *Méthode Générale. Compt. Rendus* 248:1625, 1959

With R.F. Rodríguez, M. López de Haro, J. Casas-Vazquez & D. Jon. On the foundations of extended irreversible thermodynamics. *J. Stat. Phys.* 37:465-84,

With A.L. García-Perciante & A. Sandoval-Villalbaz. Rayleigh-Brillouin spectrum in special relativistic hydrodynamics

HONOURS

World champion of Jai Alai (1950)

Physics Prize, University of Maryland (1956-7)

Visiting Profesor, J.D. Van der Waals Chair, Amsterdam University (1976)

Li Chi Hsu

February 29, 2024

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

Li Chi Hsu or Lizhi Xu, Chinese mathematician (Zhangjiagang, Jiangsu Province 23 September 1920 –

Born Quanyong Xu

ACHIEVEMENTS

Extended Laplace asymptotic method to multiple integrals involving a large parameter (1948-51)

Obtained a class of complete asymptotic expansions for the differences of zero

Found a general asymptotic expansion formula for a wide class of oscillatory integrals (1958)

First to offer a quantitative estimation for the first exponential formula of Hille

With R.H. Wang formulated the method of multiplier enlargement in a very general form

Obtained the square root iteration method with global convergence (reported in 1964; published in 1973)

With Y.S. Zhou, R.H. Wang, T.X. He & J.X. Yang developed a general process for the construction of lowering dimensional expansions

Established some general pairs of Moebius inversion formulae that are useful for finding solutions of Volterra type integral equations

Eponym of Gould-Hsu inversion pair

LINKS

<https://sun.iwu.edu/~the/ProfessorHsu.pdf>

Li Shi Zhen

March 6, 2024

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

Li Shi Zhen, Chinese herbalist and therapist (Qizhou, Qichun County, Hubei Province 03 July 1518 – 1593)

Authored Pen Ts'ao Kang Mu (Compendium of Materia Medica) in which described 1892 medicinal products derived from plants, animals and minerals. This book was translated to many languages such as Japanese, Russian, German, French and English

HONORS

Lishizhenia Lau, Ren, Wai et al. 2006 (Marine Bacteria)

Lianhai Hou

February 29, 2024

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

Lianhai Hou, Chinese vertebrate paleontologist (1935 –

DESCRIBED FOSSIL AVES/REPTILIA GENERA

Aberratiodontus 2004 with Gong & Wang

Alethoalaornis 2007 with Li, Hu, Duan & Gong

Anchaurosaurus 1995 with Gao

Anhuisaurus 1974

Anqingosaurus 1976

Canadaga 1999

Chaoyangia 1993 with Zhang

Chiangjiangosaurus 1976

Confuciusornis 1995 with Zhou, Gu & Zhang

Cuspirostrisornis 1997

Dalingheornis 2006 with Zhang, Hasegawa, O'Connor, Martin & Chiappe

Dapingfangornis 2006 with Li, Duan, Hu, Wang & Cheng

Diangallus 1985

Eociclonia 1989

Eoenantiornis 1999 with Martin, Zhou & Feduccia

Gansus 1984 with Liu

Hazhenia 1981 with Sun

Jibeinia 1997

Jiliniornis 2002 with Ericsson

Jinzhournis 2002 with Zhou, Zhang & Ying

Largirostriornis 1997

Lianingornis 1996 with Martin & Feduccia

Liaoxiornis 1999 with Chen

Longchengornis 1997

Longipteryx 2001 with Zhang, Zhou & Gu

Longirostravis 2004 with Chiappe, Zhang & Chuong

Minggangia 1982

Mioaegyptius 1984

Ordosia 1979

Otogornis 1994

Palaeoalectoris 1987

Pleotis 1982

Qianshanosaurus 1974

Qiluornis 2000 with Zhou, Zhang & Li

Sineoamphisbaena 1993 with Wu, Brinkman, Russell, Dong, Currie & Cui

Songlingornis 1997

Songzia 1990

Wannanosaurus 1977

Wanshunia 1994

Xiangornis 2012 with Hu, Xu & Sullivan

Xihaina 1995 with Gao

Yuanjiawaornis 2015 with Hu, Liu, Li & Xu

Yunnanus 1985

Zhongyuanus 1980

Zigongosaurus 1976 with Zhou & Chao

HONORS

Houornis Wang & Liu 2015 (Fossil Aves)

Lie Kian Joe

March 1, 2024

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

Lie Kian Joe, Indonesian physician (Sukabumi, West Java 25 November 1916 – ?)

ACHIEVEMENTS

First recognized subcutaneous phycetomycosis

With Njo-Injo Tjoei Eng, A. Pohan, H. Van der Meulen & C.W. Emmons. *Basidiobolus ranarum* as a cause of subcutaneous mycosis in Indonesia. A.M.A. Arch. Derm. 74:378, 1956

Named phycomycosis

With Njo-Injo Tjoei Eng. Phycomycosis of the central nervous system associated with diabetes mellitus in Indonesia. Am. J. Clin. Pathol. 32:62-70, 1959

With Njo-Injo Tjoei Eng. Subcutaneous phycomycosis: a new disease found in Indonesia. Annals of New York Academy of Sciences 89:4-16, 1960

Suggested the term occult filariasis

Occult filariasis: its relationship with Tropical pulmonary eosinophilia. Am. J. Trop. Med. Hyg. 11(5):616-52, 1963

METHODS

A simple inexpensive and efficient method of preparing dysentery, typhoid and paratyphoid feces for dispatch to the laboratory. Ned. Tijdschr. Geneesk. 94(18):1246-54, 1950

DESCRIBED PARASITE TAXA

Genus

Unikaryon 1974 with Canning & Lai (Protista: Microspora)

Species (Trematoda)

Caprimulgorchis molenkampii 1951

Echinoparyphium dunni 1965 with Umathevy

Echinostoma audyi 1965 with Umathevy

Echinostoma barbosai 1966 with Basch

Echinostoma hystricosum 1966 with Umathevy

Echinostoma paraensei 1967 with Basch

Echinostoma rodriguesi 1968 with Hsu & Basch

Hypoderaeum dingeri 1964

Phaneropsolus bonnei 1951

Lin-gun Liu

March 6, 2024

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

Lin-gun Liu, Taiwanese geoscientist (1942 –

Found that silicate perovskite could form from all the major upper-mantle materials such as olivine, pyroxene and garnet

Silicate perovskite from phase transformation of pyrope-garnet at high pressure and temperature. *Geophys. Res. Lett.* 1:277-80, 1974

Saw that silicate perovskite comprises most of the mantle from the transition zone downwards

With A.E. Ringwood found that phase C could hold water

First synthesized phase D

Phase transformations in serpentine at high pressure and temperatures and implications for subducting lithosphere. *Phys. Earth Planet. Interiors* 42:255-62, 1986

SYNTHESIZED NEW PHASES/MODIFICATIONS

New silicate perovskites. *Geophys. Res. Lett.* 14:1077-82, 1987

A new high pressure phase of $\text{Ca}_2\text{Al}_2\text{SiO}_4$ and implications for the Earth's interior. *Earth Planet. Sci. Lett.* 40:401-6, 1978

A fluorite isotype of SnO and a new modification of TiO : implications for the Earth's lower mantle. *Science* 199:422-4, 1978

With W.A. Bassett & J. Sharry. New high pressure modifications of GeO_2 and SiO_2 . *J. Geophys. Res.* 83:2301-5, 1978

High pressure NaAlSiO . The first silicate calcium ferrite isotope. *Geophys. Res. Lett.* 4:183-6, 1977

Synthesis of a new high pressure phase of manganese dioxide. *Earth Planet. Sci. Lett.* 29:104-6, 1976

With A.E. Ringwood. Synthesis of a perovskite-type polymorph of CaSiO_3 . *Earth Planet. Sci. Lett.* 28:209-11, 1975

Synthesis of a new high-pressure phase of tin dioxide and some geophysical implications. *Phys. Earth Planet. Interiors* 9:338-43, 1974

SOME BIBLIOGRAPHY

An alternative interpretation of lower mantle materials mineral associations in diamonds (2002)

The causes of the major seismic discontinuities in the transition zone of the Earth's mantle (1995)

With H. Kao. A hypothesis for the seismogenesis of double seismic zone (1995)

With L. Wu. Bulk modulus and equation of state. *Phys. Earth Planet. Interiors* 70(1-2):78-84, 1992

Effects of H_2O on the phase behaviour (1987)

Structural considerations in high-pressure phase transformations of simple crystals. *High Temp. High Pressures* 13:387-8, 1981

High pressure phase transformations in baddeleyite and zircon. *Earth Planet. Sci. Lett.* 44:390-6, 1980

The mineralogy of an eclogitic earth mantle. *Phys. Earth Planet. Interiors* 23:262-7, 1980

On the 650 km seismic continuity. *Earth Planet. Sci. Lett.* 42:2028, 1979

High pressure Ca_2SiO_4 , the silicate K_2NIF – isotype with crystalchemical and geophysical implications. *Phys. Chem. Miner.* 3(3):291-9, 1978

High pressure phase transformations of albite, jadeite and nepheline. *Earth Planet. Sci. Lett.* 37:438-44, 1978

The post-spinel phase of forsterite. *Nature* 262:770-2, 1976

The high pressure phases of MgSiO_3 . *Earth Planet. Sci. Lett.* 31:200-8, 1976

Post-oxide phases of olivine and pyroxene and mineralogy of the mantle. *Nature* 258:510-2, 1976

Post-oxide phases of olivine and pyroxene and mineralogy of the mantle. *Nature* 258:510-2, 1975

With T. Takahashi & W.A. Bassett. Isothermal compressions of a spinel phase of Co_2SiO_4 and magnesian ilmenite. *J. Geophys. Res.* (1974)

A dense modification of BaO and its crystal structure. *J. appl. Phys.* 42:3702-4, 1971

HONORS

Lingunite Gillet, Chen, Dubrovinsky & El Goresy 2000 (Mineral)

Lindolpho Rocha Guimarães

February 29, 2024

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

Lindolpho Rocha Guimarães, Brazilian entomologist (Itapira, São Paulo State 24 January 1908 –São Paulo 07 November 1998)

DESCRIBED NEW TAXA

Genera

Mallophaga

Acutifrons 1942

Falcophilus 1942

Hoazineus 1940

Micronaubates 1935 with Pessoa

Pessoiella 1940

Theresiella 1985

Siphonaptera

Ayeshaepsyllina 1993 with Linardi

Neopolygenis 1993 with Linardi

Neotropsylla 1993 with Linardi

Rothschildopsylla 1953

Tiamastina 1993 with Linardi

Vernoniella 1942

Diptera

Baucuterebra 1941 with Carrera

Hershkovitzia 1956 with D'Andretta

Paraeuctenodes 1936 with Pessoa

Species

At least 42 valid species and 9 subspecies in Mallophaga & Anoplura

Lleras Codazzi family

March 6, 2024

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

Ricardo Lleras Codazzi, Colombian geologist and mineralogist (Bogotá 20 February 1869 – Girardot, Cundinamarca Department 18 January 1940)

Discovered and described viterbite, a mixture of allophane and wavellite

Held an invention patent for mining procedures

Proposed original concepts and conclusions

El puesto del hombre en la naturaleza. Anales Ingen. Bogotá 48(545):200-19, 1940

HONORS

Honored in fossil resin named llerasite

Laureate, Palmes Academiques de France

His brother, Eduardo Lleras Codazzi, chemist and toxicologist (Bogotá 30 January 1885 – Bogotá 28 August 1960)

Modified the method for detecting morphine in dead bodies

Developed a Soxhlet-like extraction device

Invented electric muffle furnaces

Loo Keng Hua

February 29, 2024

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

Loo Keng Hua or Luo-Geng Hua, Chinese mathematician (Jintan, Jiangsu Province 12 November 1910 – Tokyo 12 June 1985)

Authored over 200 papers, 10 books and monographs

Developed Vinogradov mean value theorem (1940s)

First to show that every semi-automorphism of a skew field is either an automorphism or an anti-automorphism

Proved that every normal sub-field of a skew field is contained in its center (Cartan-Brauer-Hua theorem)

Proposed extending Hodge theory to open Hermitian manifolds (1959)

Made important contributions to the development of the circle method and variations of Waring's problem

Found the symmetry of inertial motion

Computed the kernel functions for all classical domains

Solved the problem of expanding the regular functions of a function of several complex variables concretely and non-locally into a series in a canonical domain

Invented an alternative deterministic method

Proved fundamental theorem of geometry of matrices over the complex and real field (1945-7)

Proved the fundamental theorem of the geometry of symmetric matrices over any field of characteristic not two (1949) and that of the geometry of rectangular matrices over a division ring \mathbb{F}_2 (1951)

Proved the fundamental theorem of one-dimensional projective geometry

Proved the Abelian summable convergence theorem for the Fourier expansion of a continuous function over a compact group

With Y. Wang proposed a method for numerical evaluation of multiple integrals based on classical algebraic number theory and Diophantine approximations known as Hua-Wang method (1958-64)

Solved the problem of a complete triangle sum estimation

Authored a classical work Additive theory of prime numbers

EPONYMY

Hua theorem

Hua inequality or lemma (1938)

Hua matrix inequality

Hua matrix equality (1955)

Hua operator

Hua equation

Hua measure

Hua matrix

Hua determinant inequality

Siegel-Hua spaces

Siegel-Hua metric

Hua interpolate matrix integral

Poisson-Hua kernels

Weil-Hua inequation

Hua's inequation

Hua-Wang (Zhonglie) method

Brauer-Cartan-Hua theorem

Lorenzo Merola

April 4, 2024

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

Lorenzo Mérola, Uruguayan surgeon (Montevideo 29 February 1880 – Montevideo 05 April 1935)

Anticipated concepts about inflammation and cancer

Classified the forearm muscles

Discovered Mérola triangle and inter-ureteral lamina (later rediscovered by Albanese)

Described the axillary aponeurosis and Merola ligament (posterior axillary ligament)

Aponeurosis of the axilla. The existence of a posterior suspensory ligament. Rev. Hospital (1912)

Created a technique for approach the upper aspect of the liver by thoracic frenolaparotomy 1916 (rediscovered by Schwartz and Quenu in 1919)

Ensayo de acceso a la fosa frenica. Anales Fac. Med. Montevideo 1:199, 1916

Described thoraco-abdominal transphrenic approach

Manera de abordar la cara superior del hígado. Incisión toraco-abdominal. Anales Fac. Med. Montevideo 2:105, 1917

Modified Halsted radical mastectomy or Merola operation (from 1912 but published in 1936). This technique was rediscovered independently by Patey in 1948

Performed the world's first mastectomy without removing the pectoral

Developed occipital transtentorial approach to the pineal body for tumors of this region

Abordaje de los cuatro ventrículos pedículos y epífitis. Anales Clin. Mérola (1926)

First to use colon rather than stomach in dogs

Notas Anatomicas y Clinicas. Rev. Hospitales 87, 1912

Others surgical innovations include Disinsertion of mesenterium (1917), Rectum amputation by via abdominal, Organ systems extirpation and Synthetic approach of brain and cerebellar fossae

Most of this text extracted from Cir. Del Uruguay 51(4):297-315, 1981

LINKS

[HTTP://www.smu.org.uy/publicaciones/libros/ejemplares/merola.pdf](http://www.smu.org.uy/publicaciones/libros/ejemplares/merola.pdf) See <http://www.smu.org.uy/publicaciones/libros/ejemplares/merola.pdf>.

His homonym son, Lorenzo Mérola Soñora, surgeon (Montevideo 02 September 1920 – Montevideo 23 September 1980)

Authored over 40 works

Created original techniques

Un Nuevo procedimiento de unión esofagoyeyunal después de gastrectomía total. Trabajo experimental.

SOME BIBLIOGRAPHY

Esofagitis posoperatoria

Ileo biliar

Gastrectomía total por cáncer: resección, restablecimiento del tránsito transduodenal y construcción de bolsa de yeyuno

La lámina retropericárdica

La resección anterior en el cáncer de recto

Tratamiento de las fístulas perianales extraesfinterianas

Resección ensanchada del esófago torácico inferior

Anatomía y embriología de las zonas herniarias del diafragma

Gastrectomía total

Aplicación clínica de la esófago-yeyunostomía transmesenterica

Extracted from Cir. del Uruguay 51, 1981

Lou C. Menezes

April 4, 2024

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

Lou Christian de Carvalho Menezes, Brazilian orchidologist (São Luiz 1943 –

DESCRIBED NEW ORCHID TAXA

Species

Catasetum taguariense 1993 with Braem

Coppensia reichertii 2008 with Castro

Cyrtopodium aureum 1991

Cyrtopodium braemii 1993

Cyrtopodium cachimboense 1996

Cyrtopodium caiapoense 1998

Cyrtopodium cipoense 1998

Cyrtopodium confusum 2008

Cyrtopodium fowlei 1995

Cyrtopodium gonzalezii 1995

Cyrtopodium holstii 1993

Cyrtopodium inaldianum 1996

Cyrtopodium minutum 2004

Cyrtopodium roraimense 1999

Cyrtopodium sarneyanum 1999

Cyrtopodium withneri 1996

Encyclia andrichii 1992

Encyclia caximboensis 1992

Encyclia chapadensis 1992

Encyclia clovesiana 2007 with Castro

Encyclia confusa 1991

Encyclia edithiana 1991

Encyclia gonzalezii 1991

Encyclia goyazensis 1991

Encyclia lutzenbergerii 1990

Encyclia pedra-azulensis 1992

Encyclia piracanjubensis 1991

Encyclia santos-dumontii 1992

Encyclia schmidtii 1991

Encyclia spiritusantensis 1991

Encyclia viridiflava 1991

Epidendrum amarajiense 2010 with Castro

Epidendrum pernambucense 2009 with Castro

Epidendrum rondoniense 1990

Gongora vitorinoana 2008 with Chiron

Koellensteinia spiralis 1997 with Gomes Ferreira

Laelia zaslavskii 1996

Mormodes aurea 1997 with Tadaiesky

Sarcoglottis gonzalezii 1998

Others

2 subspecies, 47 varieties, 14 hybrids and 2 forms

Lucas Kraglievich

March 2, 2024

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

Lucas Kraglievich, Argentine paleontologist and archaeologist (Balcarce, Buenos Aires Province 03 August 1886 – Buenos Aires 13 March 1932)

From Croatian ancestry

DESCRIBED FOSSIL VERTEBRATA TAXA (Incomplete list)

Aves

Families/Subfamilies

4 (*Devincenziidae* 1932)

Genera/Subgenera

2 (*Devincenzia* 1932)

Species/Subspecies

8

Mammalia

Families/Subfamilies

24 (*Hermosioniidae* 1932, *Mesembriorniidae* 1932 & *Neoepiblemidae* 1926)

Genera/Subgenera

84

Species/Subspecies

240

HONORS

Kraglievichia Castellanos 1927 (Fossil Mammalia)

Luciano Jacques de Moraes

April 4, 2024

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

Luciano Jacques de Moraes, Brazilian geologist (near to Itabira do Campo, Minas Gerais State 30 December 1896 – Pouso Alegre, Minas Gerais State 15 March 1968)

Authored over 170 publications

SOME BIBLIOGRAPHY

With R.A. Barbosa & E.P. Scorza. Estudo geológico da região da barragem de Sobradinho, estado da Bahia. Boletim DNPM 229, 1965

Pesquisa de cassiterita no Território federal de Rondônia: relatório preliminar. Avulsos Div. Fom. Prod. Min. Dep. Nac. Prod. Miner. 88, 1964

Ocorrências de minérios de zinco e chumbo do norte de Minas Gerais. Eng. Min. Metal. 27(159):149-51, 1958

With D. Guimarães. Um mineral raro dos foiaitos de Serrote, Cascata, município de águas de Prata, SP (1955)

Ocorrência de foraminíferos na formação Cretácea da região de Mossoró, Rio Grande do Norte. Anais Acad. Bras. Cien. 25(2), 1953

Jazidas de magnetita do Morro do Ferro, Município de oliveira, Minas Gerais (1948)

Vermiculita no Brasil. Bol. Fac. Filos. 45(1):29-33, 1944

With O. Barbosa. Ouro no centro de Minas Gerais. Div. Fom. Prod. Min. Bras 38, 1939

Jazidas de níquel do Brasil. Bol. Serv. Fom. Prod. Min. 9, 1938

Cobre, estanho e outros minerais nos municípios de Picuhy e Soledade, Parahyba do Norte. Bol. Serv. Fom. Prod. Mineral 28, 1937

With O. Barbosa, J.M.A. Lisboa, F. Lacourt & D. Guimarães. Geologia econômica do Norte de Minas Gerais. Boletim DNPM/SFPM 19, 1937

With D. Guimarães & O. Barbosa. Geologia e Petrologia do Distrito Federal e imediações. Annaes Escola Minas Ouro Preto 26, 1935

Depósitos diamantíferos do norte de Minas Gerais. Bol. S.F.P.M. 3, 1934

Beryllium minerals in Brazil. Econ. Geology 28(3):289-92, 1933

Area ocupada pela formação Macaúbas no norte de Minas Gerais. Anais Acad. Bras. Cien. 4:111-4, 1932

Sobre o jade no Brasil. Anais Acad. Bras. Cien. 4(2):63-6, 1932

Ocorrência de calcário oolítico na série Bambuhy. Anais Acad. Bras. Cien. 4:25-7, 1932

Sobre a ocorrência de uma falha de empurrão na Serra da Tocata (1931)

With D. Guimarães. Geologia da região diamantífera do norte de Minas Gerais. Anais Acad. Bras. Cien. (1930)

Geologia da região Diamantina, Estado de Minas Gerais. Rel. Anual Serv. Geol. Min. (1929)

Possível ocorrência de petróleo no rio Grande do Norte. Annaes Escola Minas Ouro Preto 1(7):5-6, 1929

Estudos sobre a rocha matriz do diamante. Relatório Anual DNPM, Serv. Geol. Min. (1929)

Estudos geológicos no Estado de Pernambuco. Bol. Serv. Geol. Mineral Bras. 32:67-75, 1928

Algumas jazidas de diamante no norte de Minas Gerais. Bol. Serv. Geol. Min. Brasil 24, 1927

Nota sobre algumas jazidas de beryllio e mica do Valle do Rio Doce, Estado de Minas Gerais. Bol. Serv. Geol. Miner. Bras. 18:21-32, 1926

Serras e montanhas do Nordeste. IFOCS 58(1), 1924

Inscrições rupestres no Brasil (1924)

Origem dos solos agrícolas das zonas cafeeiras: as terras roxas e sua uberdade

Estudos geológicos no Amapá. Anais Acad. Bras. Cien.

Jazidas de agalmatólito em Minas Gerais

HONORS

Jacquesia Mendes 1944 (Fossil Mollusca)

Moraesichnium Leonardi 1979 (Ichnofossil)

Moraesite Lindberg, Pécora & Barbosa 1953 (Mineral)

Lucien Lison

March 6, 2024

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

Lucien Alphonse Joseph Lison, Belgian / Brazilian histochemist (Trazegnies, Hainaut Province 13 March 1907 – 1979)

ACHIEVEMENTS

With J. Pasteels demonstrated the occurrence of DNA synthesis after mitosis and developed a new histophotometer (1950)

Established histochemistry as autonomous discipline distinguishing between simple staining techniques and cytochemical ones (1936)

Performed studies on enzymatic histochemistry and described a series of new methods for locating substances in tissue cuts

With A.R. Cruz. Constance de la relation de croissance nucleocytoplasmique dans certains neurones pendant le development. C.R. Acad. Sci. 245:1838, 1959

Lison stain

Alcian blue 8G with chlorantine fast red 5B. A technique for selective staining of mucopolysaccharides. Stain Technology 29:131-8, 1954

A method for graphical reconstruction

Une method nouvelle de reconstruction graphique perspective. Bull. d' Histol. Appl. 13:357, 1936

With J.F.C. Boodts. A new computerized method for the determination of the thermodynamic dissociation constant from experimental data. Z. Phys. Chemie 1972

Coined the term petrodentine (1941)

EPONYMY

Lison-Dunn stain for demonstrating hemoglobin peroxidase

Steedman-Lison stain

Lison method for polysaccharide sulfate compounds (1935)

Lison method of zinc-leucos reaction

Appel-Lison method

Lison technique for glycogen

Ehrlich-Lison reaction

Lison reaction for acid phosphatase

Lison method of metachromatic staining

Lison method for ceroid

Lison-Dagnelie method

Lison-Pinheiro reaction for indol (1960)

Lison reagent (for peroxidases)

Ludwig Merzbacher

April 4, 2024

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

Ludwig Merzbacher, German-born Argentine neuropathologist (Firenze, Italy 09 February 1875 – Argentina 30 October 1942)

Described Pelizaeus-Merzbacher disease

Eine eigenartige familiar-hereditäre Erkrankungsform (aplasia axialis extracorticalis congenita). Z. Gesamte. Neurol. Psychiat. 3:1, 1910

SOME BIBLIOGRAPHY

Ueber die beziehungen der Sinnesorgane zu den Reflex bewegungen des frosches. Pfluger's Arch. 81:223-62, 1900

Untersuchungen über die Regulation der Bewegungen der Wilbethiere. I. Beobachtungen Froschen. Arch. Ges. Physiol. 88:453-74, 1902

Die folgen der durchschneidung der sensibeln Wurzeln im unteren lumbalmarke im Saeralmarke und in der Cauda Equina des Hunds. Arch. J. d. Ges. Physiol. 92:585-04, 1902

Untersuchungen über die funktion des centralnervensystems des Fledermaus. Arch. f.d. Ges. Physiol. 96:572-600, 1903

With W. Spielmeyer. Beiträge zur Kenntnis des Fledermaus gehirns, besonders der corticomotorischen bahnen. Neurol. Centralbl. 45:1050-3, 1903

Allgemeine physiologie des winterschlafes. Ergebn. Physiol. 3:214-58, 1904

Zur biologie der nervendegeneration. Ergebnisse von Transplantationversuchen. Neurol. Centralbl. 24:150-5, 1905

Lumbar puncture in diagnosis. Rev. Patol. Nerv. Mente (1906)

Weitere Mitteilungen über eine eigenartige hereditär-familiäre Erkrankung des Zentralnervensystem. Med. Klin. 4:1952-5, 1908

Gesetzmassigkeiten in der Vererbung und Verbreitung Verschiedener familiärer erkrankungen. Arch. f. Rassen und Ges. Biologie 6:172-98, 1909

Untersuchungen über die morphologic und biologic der Abraumzellen im Zentralnervensystem (1909)

Über die Pelizaeus-Merzbachersche krankheit. Zbl. Neur. 32:202, 1923

With A.E. Bianchi. Efectos del paludismo natural sobre las enfermedades sifiliticas. Boletin Inst. Clin. Quir. 28-31:181, 1928

Luis & Elisa Mazoti

April 4, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Luis Bernabé Mazoti, Argentine plant cytogeneticist (Buenos Aires 17 September 1911 – Lomas de Zamora, Buenos Aires Province 09 December 1998)

Authored 35 papers

Recognized as a world leading expert on studies of cytoplasmic heritable variations

Obtained the first hybrid maizes with authoctionous lineages

Determined the cytoplasmic heritable influence upon heterosis (1954)

Discovered a restoration or normalization of extrachromosomal heritable units by the action of a simple gene (1949)

Discovered a pleotropic gen in chromosome 5 of maize (1950)

Proposed pseudo-mutational cyclic explosion hypothesis (1978)

SOME BIBLIOGRAPHY

With L. Poggio, M. Rosato & C.A. Naranjo. Variable meiotic behavior among plants of an alloplasmic line of maize. *Cytologia* 62:271-4, 1997

With C.A. Naranjo & M. Rosato. Cytological studies in alloplasmic lines of maize. *Maize Genet. Coop. Newsletter* 68:52, 1994

With V.R. Corcuera & C.A. Naranjo. Waxy endosperm maizes: their response to photoperiod. *Maize Genet. Coop. Newsletter* 66:62, 1992

With L. Poggio, T. Tito & C.A. Naranjo. Meiotic behavior and DNA content in two stable lines of *Zea mays* ssp. *mays* with cytoplasm of *Zea mays* spp. *mexicana*. *Maize Genet. Coop. Newsletter* 64:75-6, 1991

Variaciones em los knobs de *Zea mays* L. , inducidas por un plasmón de *Euchlaena mexicana* Schrader. *Mendeliana* 8(1):45-52, 1987

With P. Rimieri. Obtención de híbridos entre *Euchlaena perennis* Hitch. y *Zea mays* L. y su posible utilización fitotecnica. *Rev. Fac. Agron. La Plata* 54:579-86, 1978

Interacciones entre el gen C2-IE7002 de *Zea mays* y un citoplasma (plasmón) diferenciado de *Euchlaena mexicana*. *Rev. Fac. Agron. La Plata* 54(2):477-97, 1978 (described a transposon)

Heritable character conditioned by nuclear units and genes that do not respond to Mendelian inheritance. *Rev. Fac. Agron. Univ. Nac. La Plata* 54:237-300, 1978

The fla gene and its percentage of lysine. *Maize Genet. Coop. Newsletter* 45:70, 1971

Paramutagenic gene in maize (1968)

With R.S. Velasquez. Volumen de los knobs según citoplasma. *Rev. Fac. Agron. La Plata* 39(2):203-4, 1963

With R.S. Velasquez. Interacciones nucleo-citoplasmáticas. *Rev. Fac. Agron. La Plata* 38:1-19, 1962

Tendencia mutacional específica de los “loci vp” (viviparos) en el maíz. *Rev. Fac. Agron. La Plata* 36(1):78-9, 1960

La interacción nucleo citoplasmática en la herencia del maíz. *Rev. Fac. Agron. La Plata* 36(1):63-71, 1960

With C.E. Muhlenberg. Haploides naturales en maíz. *Rev. Arg. Agron.* 25(4):171-8, 1958

Estudio sobre diferencias citoplasmáticas heredables entre *Zea mays* y *Euchlaena mexicana*. *Rev. Arg. Agron.* 25:12-44, 1958

Irreversibilidad relativa de la variación citoplasmática heredable inducida por el gene ij (variegado) del maíz. *Rev. Arg. Agron.* 19:35-8, 1954

Variación citoplasmática heredable y su reversión por acción de genes simples en maíz. *Dir. Gen. Invest. Agric. Rev. Invest. Agr.* 8:185-6, 1954

Caracteres citoplasmáticos heredables derivados del híbrido de *Euchlaena* por *Zea*. *Dir. Gen. Invest. Agric. Rev. Invest. Agr.* 8(2):175-53, 1954

With J.C. Rossi & H. Sosa. Estudios sobre el origen natural de variaciones heredables en maíz. *Dir. Gen. Invest. Agric. Rev. Invest. Agr.* 8:161-74, 1954

Plantula reducida: nueva variación citoplasmática heredable en *Zea*. *Rev. Arg. Agron.* 20:7-10, 1953

Variación heredable espontánea en maíz. *Rev. Invest. Agric.* 6:1-28, 1952

Selección natural de gametofito del maíz. *Cien. Invest.* 6:379-80, 1950

Nuevos hallazgos acerca del comportamiento de las unidades de la herencia, genes y plasmonios. *Rev. Arg. Agron.* 17(3):145-62, 1950

Nuevos aportes a la genética del maíz. *Cien. Invest.* 5(9):387-8, 1949

Un caso de influencia extra-nuclear en la herencia. *Lilloa* 19:129-32, 1949

Contribución a la genética del maíz. *Rev. Arg. Agron.* 12:174-202, 1945

Estudio genético sobre maíces amiláceos de Argentina. *An. Inst. Fitotecn. Santa Catalina* 2:17-26, 1942

His wife, Elisa Hirschhorn Grinstein, Jewish Argentine mycologist and plant pathologist (Ciudad de Cazes, Colón Department, Entre Ríos Province 12 July 1905 – Lomas de Zamora, Buenos Aires Province 23 June 1995)

Authored over 100 works

Authored the book *Las Ustilaginales de la flora argentina* (1986), with international repercussion

Un nuevo parásito de *Sorghum sudanense* en la Argentina (1941)

Un nuevo método de infección artificial con el carbón de la caña de azúcar. *Rev. Invest. Agr.* 3:335-44, 1949 & 4(3):317-24, 1950

DESCRIBED NEW FUNGI TAXA

Genus

Juliohirschhornia 1986

Species

Juliohirschohornia linderi 1959
Melanopsichium pennsylvanicum 1941
Sorosporium myosuroides 1941
Sorosporium paranaensis 1941
Sorosporium platensis 1941
Sphacelotheca argentina 1941
Sphacelotheca zundeli 1986
Sporisorium parodii 1939
Thecaphora amaranthii 1945
Tilletia atacamensis 1986
Tilletia georgefischeri 1986
Tilletia patagonica 1942
Tilletia phalaridis 1945
Tilletia zundelii 1943
Tranzscheliella ventanensis 1943
Ustilago bicolor 1960
Ustilago chacoensis 1941
Ustilago chubutensis 1986
Ustilago fueguina 1986
Ustilago hyalinobipolaris 1945 with Fischer
Ustilago linderi 1959
Ustilago phragmites 1986
Ustilago spegazzinii 1939
Ustilago tucumanensis 1943

Varieties

Cintractia leucoderma var. *chacoensis* 1939
Tilletia fusca var. *patagonica* 1942
Tilletia hyalospora var. *cuscoensis* 1943
Ustilago bullata var. *bonariensis* 1986
Ustilago cortaderiae var. *araucana* 1986
Ustilago halophiloides var. *vargasii* 1960
Ustilago herteri var. *bicolor* 1960
Ustilago microspora var. *paspalicola* 1959
Ustilago muehlenbergiae var. *tucumensis* 1939
Ustilago pappophori var. *magdalensis* 1939

HONOURS

Honored in International Gallery of Contemporaneous Noted in Mycology, Mycopathology and Applied Mycology, Hague (1968)

LINKS

www.botanicaargentina.org.ar/wp-content/uploads/2018/08/obituario034.pdf See <http://www.botanicaargentina.org.ar/wp-content/uploads/2018/08/obituario034.pdf>.

Luis de la Fuente

March 6, 2024

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

Luis Mansueto de la Fuente Carrizo, Argentine cardiologist (La Rioja 29 July 1932 –

Authored over 400 scientific works

CONCEPTS

Proposed the cardiac catheterism in acute myocardial infarction or invasive coronariography (1970)

Showed the permeability of by-pass (1971)

Proposed the coronary sinus acting as a fifth heart cavity (2002)

With A. Barceló & S.H. Stertzer. Anatomic and histologic review of the coronary sinus. *Int. J. Morphol.* 22(4):331-8, 2004

With S. Stertzer named biointerventionist cardiology

ACHIEVEMENTS

With J.H.K. Vogel & L.D. Craddock. Una tecnica simple para detectar cortocircuitos arteriovenosos intracardíacos y para identificar las ondas P del electrocardiogramas en las arritmias complexas. *Rev. Arg. Cardiol.* 31(7), 1964

Called attention to the standing-flexion position for auscultation of the heart

With A. Ravin & L.D. Craddock. The standing-flexion position for auscultation of the heart. *J. Am. Med. Assoc.* 192:60-1, 1965

With Dick Sanders performed the third partial angioplasty in the world (1965)

Classified angiographically the myocardial postinfarction angina

Performed the first angioplasty with drug-delivery stent published in *Journal of Invasive Cardiology* (1999)

With Y. Honda, E. Grube, P.G. Yock, S.H. Stertzer & P.J. Fitzgerald. Novel drug-delivery stent: intravascular ultrasound observations from the first human experience with the QP2-eluting polymer stent system. *Circulation* 104:380-3, 2001

With Julio Argentieri performed the first stem cells myocardial implantation by transendocardiac approach (2004)

With Sergio Garrido and US bioengineer Todd McAllister first to implant neoartery or artificial artery (2005). Published in the *New England Journal of Medicine* and *The Lancet*

DEVICES

With US cardiologist Abe Ravin developed a device that simulates the heart sounds and murmurs (1965)

Introduced improvements in stents (1986)

With Hugo Londero designed a catheter for carotid

Designed another catheter for cardiac left auricle

HONOURS

Medicine and Physiology Nobel Prize nominee (2005)

Luis Eduardo Mora Osejo

April 4, 2024

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

Luis Eduardo Mora Osejo, Colombian botanist (Túquerres, Nariño Department 07 December 1931 – Bogotá 10 March 2004)

Authored 72 works

Performed studies on comparative morphology and ecological physiology of plants

Discovered an inverse relationship between growth promotion, ramification grade and structural complexity of vegetative and reproductive phases in Cyperaceae

Beitrage zur Vergleichende Morphologie und Entwicklungsgeschichte der Cyperaceen. Beitrage zur Biologie der Pflanzen 35:253-341, 1960

Established morphological nature of many perigonal structures in Cyperaceae and of spiculae hook in *Uncinia* sp.

Las inflorescencias parciales de *Uncinia hamata* y la agrupación sistematica de las Caricoideae Kukenthal. Caldasia 9(44):277-93, 1966

Proposed that global solar radiation and relative humidity are the main outside factors that act on development and growth of plants on tropical high mountains

La situación de los bosques naturales de Colombia y resultados preliminares de experimentos sobre cultivos de plantas nativas. Rev. Acad. Colom. Cien. Exac. Fis. Natur. 15(59):71-100, 1984

Discovered pulse transpiration (in páramo plants)

La regulación de la transpiración momentanea en plantas del páramo por factores endogenos y ambientales. In: Mora Osejo, L.E. & Sturm, H. Estudios ecológicos del páramo y del bosque altoandino, Cordillera Oriental de Colombia. Acad. Col. Cien. Exac. Fis. Natur. Col. J. Alvarez Lleras 6. Editorial Guadalupe (1994)

DESCRIBED PLANTAE TAXA

Species

Carex sanctae-marthae 1983 with Rangel

Elaeagia pastoensis 1977

Eleocharis columbiensis 1978

Gunnera aequatoriensis 1978

Gunnera antioquensis 1978

Gunnera atropurpurea 1978

Gunnera bogotana 1978

Gunnera caucana 1984

Gunnera colombiana 1978

Gunnera cuatrecasasii 1984

Gunnera diazii 1984

Gunnera garciae-barrigae 1984

Gunnera hernandezi 1978

Gunnera lozanii 1985

Gunnera quitoensis 1978

Gunnera sanctae-marthae 1983

Gunnera schindleri 1978

Gunnera schultesii 1984

Gunnera silvioana 1983

Gunnera steyermarkii 1978

Gunnera tacueyana 1983

Gunnera tajumbina 1983

Gunnera talamancana 1958 with Weber

Gunnera tamanensis 1984

Gunnera tayronia 1978

Gunnera venezolana 1978

Isoetes dichotoma 1977 with Hagemann

Oreobolus cleefii 1987

Rapatea circasiana 1954 with García Barriga

Rapatea muaju 1954 with García Barriga

Rapatea schultesiana 1954 with García Barriga

Rhynchospora paramorum 1966

Saxo-fridericia colombiana 1954 with García Barriga

Others

One section, 2 subspecies and 9 varieties

LINKS

http://www.virtual.unal.edu.co/revistas/actabiol/PDF's/V9N2/In_memoriam.pdf See http://www.virtual.unal.edu.co/revistas/actabiol/PDF%27s/V9N2/In_memoriam.pdf.

Luis Emilio Grosso

February 29, 2024

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

Luis Emilio Grosso, Argentine hydrobiologist (fl.1968)

DESCRIBED INVERTEBRATA TAXA

Crustacea

Family

Patagonaspididae 2002 with Peralta

Genera

Cuyojanira 1992

Dyticogidiella 1985 with Claps

Mesochthongiella 1985 with Fernandez

Patagonaspides 2002 with Peralta

Patagongidiella 1993 with Fernandez

Rudolphia 2009 with Peralta

Species

Argentinogidiella hormocollensis 1988 with Fernandez

Argentinogidiella lavillai 1984 with Claps

Bogidiella cooki 1979 with Ringuelet

Cuyojanira riojana 1992

Dyticogidiella ringueleti 1988 with Fernandez

Dyticogidiella talampayensis 1985 with Claps

Eobogidiella purmamarcensis 1979 with Ringuelet

Grossogidiella mauri 1993 with Fernandez

Hyalella araucana 1999 with Peralta

Hyalella rionegrina 1999 with Peralta

Mesochthongiella tucumanensis 1985 with Fernandez

Parastygocaris clapsi 1997 with Peralta

Parastygocaris schminkei 1997 with Peralta

Patagonaspides sandroruffoi 2002 with Peralta

Patagongidiella danieli 1993 with Fernandez

Pseudingolfiella morimotoi 2006 with Peralta & Ruffo

Rudolphia macrodactylus 2009 with Peralta

Stygocaris hugofernandezi 2000 with Peralta

Gastrotricha

Species

Aspidiophorus brahmsi 1973

Aspidiophorus lilloensis 1983 with Drahg

Chaetonotus annectens 1991 with Drahg

Chaetonotus (Captochaetus) majestuosus 1984 with Drahg

Chaetonotus (Chaetonotus) odontophraynx 1986 with Drahg

Chaetonotus (Chaetonotus) pilaga 1982

Chaetonotus (Primochaetus) soberanus 1984 with Drahg

Chaetonotus (Primochaetus) tenuisquamatus 1982

Heterolepidoderma famailensis 1991 with Drahg

Polymerurus paraelongatum 1986 with Drahg

Coleoptera

Species

Haliphus bachmanni 1970 with Vidal Sarmiento

Suphis ticky 1992

Acari

Species

Omartacarus paraelongatus 1991 with Fernandez

HONORS

Grossogidiella Koenemann & Holsinger 1999 (Crustacea)

Luis Federico Leloir

March 6, 2024

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

Luis Federico Leloir Aguirre, Argentine biochemist (Paris 06 September 1906 – Buenos Aires 02 December 1987)

ACHIEVEMENTS

Obtained with Juan Mauricio Muñoz, the first free-cell oxidative system (1939)

Discovered angiotensin with E. Braun-Menendez, J.C. Fasciolo and J.M. Muñoz (1939), a discovery independent from Page and Helmer

With E. Braun-Menendez, J.C. Fasciolo and A. Taquini described enzymatic nature of renin-angiotensin system and its link to arterial hypertension

Discovered sugar nucleotides, determined its chemical nature and showed that play a key role in sugar interconversion and polysaccharides synthesis (1948) with R. Caputto, C.E. Cardini and A. Paladini

Showed that biosynthesis of sugar and sugar-derivatives compounds are essentially transfer reactions

Isolated glucose 1,6 diphosphate known as Leloir ester (1948), uridine diphosphate glucose (UDP) in 1950, uridine diphosphate acetyl glucosamine and guanosine diphosphate mannose (1953)

With R. Caputto discovered general synthetic mechanism of disaccharides in yeasts, showing the same mechanism in plants (1950)

Demonstrated sucrose synthesis from uridine diphosphate glucose and fructose

With C. Cardini established that in plant tissues two reactions can lead to synthesis of sucrose (1953-5)

With C. Cardini suggested the involvement of uridine diphosphate N-acetylglucosamine in chitin synthesis (1953)

With E. Cabib first demonstrated the participation of UDPG in the biosynthesis of disaccharides in J. Am. Chem. Soc. 75:5445, 1953

Discovered glycogen synthase

Synthesized trehalose with Enrico Cabib (1953) and sucrose with Carlos Eugenio Cardini and J. Chiriboga (1955)

Showed the enzyme that transfer glucose from UDP-glucose to glycogen (1957)

With C.E. Cardini described an alternative mechanism for synthesis of glycogen from UDP-glucose and glycogen synthase (1957)

With R. Caputto discovered and determined structure of glucose-1,6 di-phosphate (1958)

With Yamaha & Cardini demonstrated that glycosides synthesis via UDPG (1960)

With Fekete & Cardini discovered enzymatic system that catalyzes sucrose transformation into starch (1960)

With Frydman & Cardini demonstrated that phytyglycogen biosynthesis from ADP-glucose (1965)

Identified dolichols (1970)

Clarified transfer mechanism from oligosaccharides to proteins, elucidating the role of dolichol in proteins glycosylation

Demonstrated the role of polyprenol in glucose metabolism

Elucidated primary mechanisms of galactose metabolism (Leloir pathway) and determined what causes galactosemia

Discovered the central role of uridine diphosphate derivatives in the interconversion of galactose and glucose

Discovered the function of glycolipids as precursors of glycoproteins

Clarified the mechanism of biosynthesis of glycoproteins (1970s)

Established the basis of the pathway leading to the synthesis of glycoproteins in eukaryotic cells and also provided the first evidence indicating that the protein-linked oligosaccharides (glycoproteins) was processed

METHODS

With J.L. Reissig & J.L. Strominger. A modified colorimetric method for the estimation of N-acetyl amino sugars. J. Biol. Chem. 217(2):959-66, 1955

With E. Cabib & H.G. Pontis. An improved method for the isolation of some nucleoside diphosphate sugar from yeast. Biochem. Biophys. (1957)

With Cabib and Cardini 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

Papers in top journals

With J.M. Muñoz, J.C. Fasciolo & A.C. Taquini. Hypertensin: the substance causing renal hypertension. Nature 144:980, 1939

With J.C. Fasciolo, J.M. Muñoz & E. Baun Menendez. On the specificity of renin. Science 92 (2398):554-5, 1940

With E.B. Menendez, J.C. Fasciolo, B.A. Houssay, J.M. Muñoz & A.C. Taquini. Angiotonin or hypertensin. Science 98(2553):495, 1953

With M.A. Rongine de Fekete & C.E. Cardini. Mechanism of starch biosynthesis. Nature 187:918-9, 1960

With J. Mordoh & C.R. Krisman. In vitro synthesis of particulate glycogen. Proc. Natl. Acad. Sci. USA 53:86-91, 1965

With N.H. Behrens. Dolichol monophosphate glucose: an intermediate in glucose transfer in liver. Proc. Natl. Acad. Sci. USA 66(1):153-9, 1970

Two decades of research on biosynthesis of saccharides. Science 172(3990):1299-1303, 1971

With N.H. Behrens & A.J. Parodi. Glucose transfer from doliochol monophosphate glucose: the product formed with endogenous microsomal acceptor. Proc. Natl. Acad. Sci. USA 68(1):2857-60, 1971

With A.J. Parodi, N.H. Behrens & H. Carminatti. The role of polyprenol-bound saccharides as intermediates in glycoprotein synthesis in liver. Proc. Natl. Acad. Sci. USA 69(11):3268-72, 1972

With N.H. Behrens, H. Carminatti, R.J. Staneloni & A.I. Cantarella. Formation of lipid-bound oligosaccharides containing mannose. Their role in glycoprotein synthesis. Proc. Natl. Acad. Sci. USA 70(12):3390-4, 1973

With R.J. Staneloni. Oligosaccharides containing glucose and mannose in glycoproteins of the thyroid gland. Proc. Natl. Acad. Sci. USA 75(3):1162-6, 1978

EPONYMY

Leloir ester (glucose 1,6diphosphate)

Leloir pathway or Leloir cycle or Leloir-Cardini cycle (galactose metabolism)

Leloir enzymes (known as glycosyltransferases)

Leloir reaction (between glucose 1,6 diphosphate and mannose 1 phosphate)

Leloir-Cardini enzyme (UDP glucose glycogen transglucoxylase)

Leloir method for extraction of glycogen from liver by mercuric chloride

Leloir-Goldemberg method for determining enzymatic activity (with Sara H. Goldemberg)

Leloir-Trucco method for measuring kynase activity

Paladini-Leloir solvent

HONORS

Chemistry Nobel Prize (1970)

Gairdner Award (1966)

Louise Gross Horwitz Prize (1967)

Asteroid 2548 Leloir

Luis Guglielmelli

February 29, 2024

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

Luis C. Guglielmelli Cosentino, Argentine organic chemist (Buenos Aires 15 May 1884 – San Martín, Buenos Aires Province 14 November 1937)

Son of Genoese immigrants

ACHIEVEMENTS

Discovered hundreds of new chemical species

A new method for obtaining gold

Acción de la plata coloidal sobre los cloruros de oro y de platino. Nuevo método de obtención de oro coloidal. Anales Soc. Cient. Argentina, 1913.

Created arseno-tungstic and molybdic reagents (Guglielmelli reagent)

Arseno-tungstic-molybdic acid as a reagent for phenols. Anales Soc. Quim. Argentina 4:183-4, 1916.

Un Nuevo procedimiento de valorización de los taninos por colorimetría. Actas y Trabajos, Primer Congreso Nacional Medicina, Buenos Aires, Tomo V: 211, 1916.

New reaction distinguishing the sugars. Anales Soc. Quim. Argentina 4:277-82, 1916.

New and delicate test for dimethylamine-phenyldimethylisopyrazolone (pyramidone). Anales Soc. Quim. Arg. 4:180-2, 1916.

Identification of naphthols, a new and sensitive test for α -naphthol. Anales Soc. Quim. Argentina 5:97-101, 1917.

General method for the detection of phenols in essential oils. Anales Soc. Quim. Argentina 5:11-23, 1917.

Un nuevo procedimiento de valorización de los taninos por colimetría (1919)

With Carlos Guerrero Estrella. Un Nuevo procedimiento de la tintura marrón sobre la lana. Anales Asoc. Quim. Arg. 8:325, 1929.

Luis Howell Rivero

February 29, 2024

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

Luis Hugo Howell Rivero, Cuban zoologist and anthropologist (La Habana 23 September 1906 – Florida Keys 07 October 1986)

Wikipedia gives his birth date as 28 December 1899

DESCRIBED VALID PISCES SPECIES

Caulolatilus intermedius 1936

Chimaera cubana 1936

Ctenichthys interrupta 1936

Ijimaia antillarum 1935

Ijimaia fowleri 1935

Labrisomus nigrincinctus 1936

Paraclinus ocellatus 1936

Scyliorhinus torrei 1936

Squalus cubensis 1936

HONORS

Riveroina Bermudez 1939 (Foraminifera)

Luisichthys White 1942 (Fossil Pisces)

Luis Jose Montaña

April 4, 2024

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

Luis José Ignacio Montaña Tello, Mexican physician (Puebla 21 October 1755 – Ciudad de Mexico 26 June 1820)

Recognized as one of the most important physicians in Colonial Mexico

Authored Avisos importantes sobre el Matlatlztahuatl (1817) and Praelectiones et concertaciones medicae (1917)

Honored in genus *Montanoa* Cervantes 1825 (Asteraceae)

Luis María Murillo

April 4, 2024

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

Luis María Murillo Quinche, Colombian agricultural entomologist (Guasca, Cundinamarca 24 May 1896 – Bogotá 06 September 1974)

Discovered new insect species that sent to experts in his country and abroad

Authored *Sentido de una lucha biológica* (1938), performing a complete study of *Sacadodes pyralis* Dyar and its parasitoid *Apanteles thurberae*. Due to this work he was elected honorary member of Royale Societé de Entomologie of Belgique (1948)

Developed an insectarium for *Apanteles thurberae*

Un insectario para la cría y multiplicación de la *Apanteles thurberae* Mues. Rev. Fac. Nac. Agron. Medellín

SOME BIBLIOGRAPHY

Los *Xyleborus morigerus* Blandford y sus relaciones con un pequeño cafetal de La Cumbre (Valle). Agron. Trop. 15:295-301, 1959

Los insectos y el clima en Colombia. Entomología 10, 1944

Que son las plagas y como se combaten (1934)

Las avispas chibchas (1924)

Treinta años de sanidad vegetal

La sanidad vegetal en Colombia

HONORS

Luisma Murillo & Smith 2003 (Pteridophyta)

Luis Mazzotti

April 7, 2024

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

Luis Mazzotti Galindo, Mexican tropical physician (Durango 12 January 1900 – Ciudad de Mexico 24 October 1971)

From Italian father

Authored about 150 works on parasitology, scorpionism and rural hygiene

Observed the effect of diethylcarbamazine (hetrazan) for serological diagnosis of onchocerciasis (1944) from which developed Mazzotti test or reaction

The feasibility of using the allergic reactions which follow the administration of hetrazan as an auxiliary means of diagnosis in onchocerciasis. Rev. Inst. Salud Enferm. Tropicales Mex. 9:935, 1948

Developed a simple method for photographing helminth preparations

With M. Martínez Baez. Metodos sencillos para obtener fotografias de preparaciones de helmintos. Rev. Inst. Salub. Enferm. Tropicales 16(2):25-6, 1956

Invented a protective method against scorpions employing a tile strip around walls

Algunas modificaciones a la técnica de las amputaciones (Some modifications into amputations technique) (1925)

DESCRIBED

Borrelia dugesi 1949 (Bacteria)

Ornithodoros dugesi 1943 (Acari)

Triatoma hegneri 1940 (Hemiptera)

HONOURS

Prix Emile Brumpt, Faculté de Medecine de Paris

Prix Goncourt

Luis Migone

April 7, 2024

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

Luis Enrique Migone Mieres, Paraguayan microbiologist and parasitologist (Asunción 12 July 1876 – Asunción 13 July 1954)

From Italian father

ACHIEVEMENTS

Discovered *Trypanosoma equinum*, the etiologic agent of “mal de caderas”

With M. Elmassian. Sur le mal de caderas ou flagellose paresiante des equides sudamericaines. Ann. Inst. Pasteur 17:241-67, 1901

Authored a study about the role of capybara as intermediate host of *Trypanosoma equinum*, a paper translated to many languages

Le role des carpinchos comme reservoir de virus dans la conservation du mal de caderas. Bull. Soc. Path. Exot. 3:524-5, 1910

First to report American visceral leishmaniasis

Un cas de kalazar en Asunción (Paraguay). Bull. Soc. Path. Exot. 6:118-20, 1913

La buba du Paraguay, leishmaniose américaine. Bull. Soc. Path. Exot. 6:210-18, 1913

His studies on leishmaniasis and leprosy gained international repercussion

Studied bacteria and protozoan of plants and animals from Paraguay

Parasitologie de certains animaux du Paraguay. Bull. Soc. Path. Exot.9: 395-64, 1916

Flagelados de las plantas. Rev.Soc. Cien. Paraguay 1:35-9, 1922

Described and named the parasitic protozoa *Phytomonas elmassiani* 1916

Studied the therapeutic properties of aguai-guazu named *Pouteria migonei* in his honor

HONORS

Migonella Freitas & Lent 1946 (Nematoda)

Migonemyia Galati 1995 (Diptera)

Luis Milone

April 7, 2024

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

Luis Ambrosio Milone, Argentine astrophysicist (Santa Fe 19 May 1933 – Cordoba 17 June 2018)

DEVELOPED METHODS

With D.C. Merlo. Alternative method for determining mean stellar distances. Bol. Asoc. Argent. Astron. 49:168-71, 2006

With D.C. Merlo. Un procedimiento simple para obtener un flujo constante en una atmosfera estelar. Bol. Asoc. Argent. Astron. 46:42-3, 2003

With D.C. Merlo. ¿Es necesario calcular detalladamente funciones de partición atomicas? Bol. Asoc. Argent. Astron. 40:27, 1996

With A.A.E. Milone & G.E. Bobatto. Numerical evaluation of the line broadening function H (λ, ν). Astrophys. Space Science 147(2):229-34, 1988

OTHERS

Identification charts for southern R Coronae Borealis stars. Astrophys. Space Science 172:263-71, 1990

HONORS

Asteroid 4725 Milone

Luis Montane

April 7, 2024

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

Juan Luis Epifanio Montané y Dardé, Cuban physician, physical antropologist and archaeologist (La Habana 07 April 1849 – Chatou, France 28 November 1936)

From French father and Catalanian mother

Collected a number of archaeological and anthropological artifacts

ARCHAEOLOGY

Los moundbuilders em Cuba (1892)

El idolo de la Gran Tierra de Maya (1906)

El mound de Guayabo Blanco (1915)

PHYSICAL ANTHROPOLOGY

Performed studies on comparative anthropology with craneometry and osteometry

El craneo desde le punto de vista antropológico (1877)

Un craneo guanche. Estudio craneológico (1885)

Un craneo caribe. Estudio craneológico (1885)

Established the concept of semi-microcephaly

Etude anatomique du crane chez les microcéphales (1874)

Found the first non-deformed crane of pré-hispanic Cuban man (1913) with Fernando Ortiz

The first teeth of a fossil primate in Caribbean

Les dents d'un singe pré-historique, *Montaneia anthropomorpha*, de Cuba. Bull. Mem. Soc. Anthropol. Paris (1923)

Others

L'homme fossile cubain. Proceed. 2nd P.R. Congr. Washington (1916)

L'homme de Sancti Spiritus, Ile de Cuba (1906)

Les hommes préhistoriques de Cuba (1921)

OFFICES

President, Societé d'Anthropologie de Paris (1922)

Luis Morquio

April 7, 2024

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

Luis Morquio Belinzon, Uruguayan pediatrician (Montevideo 24 September 1867 – Montevideo 19 June 1935)

From Italian descent

Authored 335 papers and 2 books

Established the curative importance of vomica in hydatids

Established the relationship between Sydenham chorea and encephalitis

DESCRIBED

DISEASES

Described congenital cardiac block

Sur une maladie infantile et familiale caractérisée par des modifications permanentes du pouls, des attaques syncopales et épileptiformes et la mort subite. Arch. Med. Enfants 4:467-75, 1901

Morquio disease or Morquio-Ullrich-Brailsford syndrome

Sur une forme de dystrophie osseuse familiale. Bull. Soc. Pediat. Paris 27:145-52, 1929

Auriculoventricular block with septal malformation

Sobre un caso de malformación cardíaca con síndrome de Stokes-Adams y muerte súbita. Arch. Lat. Am. Ped. 20:381-7, 1926

Total atresia of intrahepatic bile ducts (1911)

An infantile and familial disease characterized by a cardiohepatic syndrome, and death in asystoly. Arch. Med. Enf. 19(9), 1916

Pseudo tubercular meningitis

Meningitis pseudotuberculosis. Arch. Lat. Am. Ped. (1916)

Primary urlian meningitis

SIGNS

Pseudo Kernig sign in Heine-Medin disease (Morquio sign)

Pseudo signe de Kernig dans le paralysie infantile. Bull. Soc. Ped. Paris 23:580-5, 1925

Echo patellar reflex

El reflejo en eco de la corea de Sydenham. Arch. Lat. Am. Ped. 18:19, 1922

Triad sign of hydatid in child brain (cardiac hypertension+hemiplegia+convulsions) 1932

A radiological sign of hydatid or Morquio-Bonaba-Soto sign

With J. Bonaba & J.A. Soto. El neumoquiste perivesicular a minima reparable. Nuevo signo radiológico del quiste hidático del pulmón. Arch. Pediat. Uruguay 5:353, 1934

EPONYMY

Morquio-Suarez syndrome

Morquio maneuver

HONOURS

Associate Member, Academie de Medecine de Paris (1933)

President, Union Internationale de Socours aux Enfants (1930-2)

Luis Roger Lambert

March 6, 2024

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

Luis Roger Lambert, French-born Argentine geologist and paleontologist (fl.1943-56)

SOME BIBLIOGRAPHY

With C.A.S. Piscione. Una hipótesis sobre el origen de potentes espesores del yeso

Perfil geológico en el valle superior del río de los Patos Sur, Provincia de San Juan (1943)

Algunas *Trigonias* del Neuquén. Rev. Museo La Plata Ser. Paleont. 2(14):357-97, 1944

Contribución al conocimiento de la Sierra de Chacabí Có (Neuquén). Rev. Soc. Geol. Arg. 1:4, 1945

Geología de la zona de las cabeceras del río Catan-Lil (Territorio de Neuquén) 1948

Geología del Cerro Bola (1948)

With C.A. Galli. Observaciones geológicas en la región situada entre Piedra del Águila y Paso Flores (Neuquén). Rev. Asoc. Geol. Arg. 4, 1950

HONORS

Lambertrigonia Leanza 1993 (Fossil Mollusca)

Luiz & Maria Labouriau

March 6, 2024

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

Luiz Fernando Gouvea Labouriau, Brazilian plant physiologist (Rio de Janeiro 22 June 1921 – Brasília 29 March 1996)

From French descent and nephew of ophthalmologist Hilario Soares de Gouvea

Authored about 75 papers

Recognized worldwide for his studies on seeds germination

Introduced the thermodynamics and information theory (1976) in studies of germination physiology

Performed important contributions to germination kinetics and its thermodynamical treatment

Provided original interpretations about temperature effects on proteins stability during the germination process

Seed germination as thermobiological problem. Rad. Environ. Biophysics 15:345-66, 1978

Proposed mathematical expressions to measure the germination process (1983)

Discovered that the fern *Regnellidium diphyllum* produces rubber being the first report of lactescence in Pteridophyta (1952) after Mahabale

With L. Morhy & J.C. Gomes Jr. *Ocimum nudicaule* Benth., a new source of methyl-chavicol (1970)

METHODS

Aplicações fitossociológicas de um novo índice de concentração (1947)

Nova expressão do grau de homogeneidade de uma associação vegetal (1947)

Proposed the absciss of the mean of the frequency diagram of plant associations as a new index of homogeneity

Nota sobre o baricentro dos diagramas de frequência das associações vegetais. Arq. Jard. Bot 8:221-5, 1948

Developed a method for detecting the presence of silicon in leafs

With S. Teixeira da Silva. Corpos silicosos das gramíneas dos cerrados. III. Pesquisas Agropecuárias Brasileiras. Secção Botanica 5:1167-82, 1970.

Developed a thermal gradient block

A thermal gradient block for germination experiments. Rev. Bras. Biología 37:295-05, 1977

With R.B. Cavalcanti. Um bloco de gradiente térmico de fácil construção para experimentos termobiológicos. Rev. Bras. Fisiol. Veg. 8:149-56, 1996

OTHER PAPERS

With I.S. Labouriau. The Arrhenius plot of a physiological rate process is never linear. Cien. Cult. 43:363-9, 1991

Nota sobre uma lei da morfologia da exina dos grãos de pólen. Arq. Jard. Bot. Rio de Janeiro 8:249, 1948

Sobre a simetria dos grãos de pólen. Rev. Bras. Biol. 7(4):419-22, 1947

His wife, Maria Lea Salgado Labouriau, palynologist (Rio de Janeiro 02 August 1931 – Brasília 13 July 2013)

Authored 66 papers, 4 books and 11 book chapters (until 2002)

Authored Contribuição a Palinologia dos Cerrados (Contribution to Cerrado Palynology), that became a world reference in this field (1973)

Developed Salgado-Labouriau & Rizzo atmospheric collector

With J.A. Rizzo. Nota preliminary sobre a coleta atmosférica no município de Aparecida (Goiás). Anais XX Congr. Nac. Bot. Soc. Bras. Bot. 60-70, 1969

TECHNIQUES

Modified the Faegri-Iversen staining technique for pollen fresh grains (1973)

With U. Rull. A method of introducing exotic pollen for paleoecological analysis of sediments. Rev. Palaeobot. Palynol. 47:97-103, 1986

Luiz Adauto da Justa Medeiros

April 7, 2024

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

Luiz Adauto da Justa Medeiros, Brazilian mathematician (Fortaleza 24 February 1926 – Rio de Janeiro 04 June 2022)

Introduced the notion of scalar nonlinearities independent of N.W. Bazley and T. Küpper

On a new class of nonlinear wave equations. J. Math. Anal. Appl. 69:252-62, 1979.

Medeiros uniqueness theorem

Uniqueness and nonuniqueness criteria for ordinary differential equations (1993)

OTHER CONTRIBUTIONS

With G. Antunes, I.F. Lopez, M.D.G. Silva & A. Biazutti. Nonlinear parabolic equation on manifolds. J. Mathem. Research 6:85-92, 2014

With J. Limaco, H.R. Clark & C.L. Frola. On an evolution equation with acoustic boundary conditions. Math. Methods Appl. Sci. 10:2047, 2011

With J. Limaco & E. Zuazua. Existence, uniqueness and controllability for parabolic equations in non-cylindrical domains. Mat. Contemp. 23:49-70, 2002

With J. Limaco. On a model for vibrations of elastic membranes. Intern. J. Diff. Equations Appl. 2(2):209-36, 2001

A space of functions related to backward heat equation. Rev. Fac. Cien. Mat. U.N. Mayor San Marcos 2:29-38, 1988

With Y. Ebihara, M. Milla et al. On a variational inequality for a nonlinear operator of hyperbolic type. Bol. Soc. Bras. Matem. 16(2):41-54, 1985

With G.P. Menzala. On a global solution of a nonlinear dispersive equation of Sobolev type. Bol. Soc. Bras. Matem. 9(1):49-59, 1978

Sur une equation non lineaire de la physique mathematique. Comp. Rend. Acad. Sci. Ser I Math. 286:277-8, 1978

Equations aux derivees partielles. Comptes rendus de l'Acad. Sci. (1978)

With G.P. Menzala. Existence and uniqueness for periodic solutions of the Benjamin-Bona-Mahony equations. SIAM J. Math. Anal. 8(5):792-9, 1977

With G.P. Menzala. On a modified Korteweg-de Vries equation. Trab. Matem. 85 (1975)

With G.P. Menzala. A Sobolev type equation. Mem. Mat. UFRJ 60 (1975)

HONOURS

Award of the Tenth International Colloquia on Differential Equations, Sofia, Bulgaria (1999)

Luiz Alberto Dias Menezes Filho

April 7, 2024

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

Luiz Alberto Dias Menezes Filho, Brazilian mining engineer and mineralogist (São Paulo 05 October 1950 – Belo Horizonte 09 July 2014)

DESCRIBED NEW MINERAL SPECIES

Lindbergite 2004 with Atencio, Coutinho, Graeser & Matioli

Ruifrancoite 2007 with Atencio, Chukanov, Coutinho, Dubinchuk & Mockel

Guimaraesite 2008 with Chukanov, Zadov, Atencio & Coutinho

Bendadaite 2010 with Kolitsch, Chukanov, Atencio, Zubkova et al.

Carlosbarbosaite 2012 with Atencio, Roberts, Cooper, Coutinho et al.

Almeidaite 2013 with Chukanov, Rastsvetaeva, Aksenov, Pekov, Atencio et al.

Pauloabibite 2013 with Atencio, Andrade, Downs, Chaves et al.

Cesarferreiraite 2014 with Scholz, Chukanov, Atencio, Belotti et al.

Correianevesite 2014 with Chukanov, Scholz, Zubkova, Pekov et al.

Waimirite 2014 with Bastos Neto, Pereira, Atencio, Ferron & Coutinho

Wilancookite 2015 with Hatert, Filippo, Ottolini, Dal Bo, Scholz, Chaves, Yang & Downs

Parisite-La 2016 with Chukanov, Chaves, Atencio, Scholz, Pekov et al.

Melcherite 2016 with Atencio & Andrade

Brandaoite 2018 with Chaves, Cooper, Ball, Abdu, Sharp, Day & Hawthorne

HONORS

Menezesite Atencio, Coutinho, Doriguetto, Mascarenhas, Ellena & Ferrari 2008 (Mineral), the first heteropolyniobate found in the nature (2005)

Luiz Carlos Junqueira

March 1, 2024

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

Luiz Carlos Uchoa Junqueira, Brazilian cytologist and histologist (São Paulo 05 August 1920 – Poços de Caldas, Minas Gerais State 06 October 2006)

ACHIEVEMENTS

Performed many important works about protein production in pancreas that became him known worldwide (1950s)

With G.C. Hirsch & A. Rothschild established the kinetics of protein synthesis process in pancreas

With M. Rabinovitch & F.T. Mendes. Cytochemical demonstration of “acid” phosphatase in bone marrow smears. *Science* 107(2778):322-3, 1948

First showed the secretion hormone control of a digestive enzyme

With A. Fajer, M. Rabinovich & L. Frankenthal. Biochemical and histochemical observations on the sexual dimorphism of mice submaxillary glands. *J. Cell. Comp. Phys.* 34:129-57, 1949

With H. Haselmann, S. Raia, A. Sesso et al. A method for microcinematography of secretory processes in the pancreas of the white mouse. *Mikroskopie* 8(11-2):400-5, 1953

Demonstrated that granulations of mast cells store histamine

With I. Mota e Albuquerque, W.T. Beraldo & R.G. Ferri. Intracellular distribution of histamine. *Nature* 174:698-9, 1954

Demonstrated the importance of microtubules and microfilaments in intracellular transport processes (1970-8)

Demonstrated a relationship between the histology of the salivary ducts and ion composition of the saliva

With G. Vignolas & R.R. Brentani. A simple and sensitive method for the quantitative estimation of collagen. *Anal. Biochem.* 94:96-9, 1979

Developed Picrosirius polarization method or Junqueira staining

With G. Vignolas & R. R. Brentani. Picrosirius staining of polarization microscopy, a specific method for collagen detection in tissue sections. *Histochem. Journal* 11: 447-55, 1979

Described a method for characterization of Type I, II & III collagens in electron microscope

With G.S. Montes & R.M. Krisztan. The collagen of vertebrate peripheral nervous system. *Cell Tissue Res.* 202:453-60, 1979

Developed the first method to quantify collagen-proteoglycan interaction in tissue sections

With G. Bignolas, P.A.S. Mourão & S.S. Bonetti. Quantitation of collagen-proteoglycan interaction in tissue sections. *Connect. Tiss. Res.* 7:91-6, 1980

Demonstrated definitively that reticular fiber is distinct of collagen fiber

With G.S. Montes, R.M. Krisztan, K.M. Shigihara, R. Tokoro & P.A.S. Mourão. Histochemical and morphological characterization of reticular fibers. *Histochemistry* 65:131-41, 1980

Elucidated the process of uterine cervix softening at parturition

With M. Zugaib, G.S. Montes, O.M.S. Toledo, R.M. Krisztan & K.M. Shigihara. Morphologic and histochemical evidence for the occurrence of collagenolysis and for the role of neutrophilic polymorphonuclear leukocytes during cervical dilation. *Am. J. Obstet. Gynecol.* 138:273, 1980

Presented first analysis about biological importance of collagen-proteoglycan interaction in various biological models

With G.S. Montes et al. demonstrated the distribution and architecture of collagen in cartilages, nerves, arteries and skin (1979-89)

Established definitively collagen architecture in mammalian cartilages

With N.Z. Zambrano, K.M. Shigihara, E.M. Sanchez & G.S. Montes. Collagen arrangement in cartilages. *Acta Anat.* 113:26-38, 1982

Elucidated the nature of skeletal elements in tail fin ray of teleosts showing that they display all the morphological and histochemical features of a cartilaginous tissue

With J. Becerra, O.M.S. Toledo, M.A. Gordilho & G.S. Montes. Fine structure and histochemistry of the tail fin ray in teleosts. *Histochem* 75:363-76, 1982

Showed that collagen molecules are orderly disposed in basal laminae

With G.S. Montes, R.R. Brentani, O.M.S. Toledo et al. Evidence for collagen molecular orientation in basement membranes. *Histochem. J.* 15:785-94, 1983

Described a new type of acellular cartilage found in arterious cone of *Potamotrygon* sp.

With O.M.S. Toledo & G.S. Montes. Histochemical and morphological studies on a new type of acellular cartilage. *Basic Appl. Histochem.* 27:1-8, 1983

First to describe morphological differences between the distinct types of intermediate filaments

With G.S. Montes, P.P. Joazeiro, S.M. O. Vieira, A.B. Costa Silva & A. Cais. Specific attachment of morphologically-distinct intermediate filaments to desmosomes and hemidesmosomes in the epidermis of the tadpole of the anuran *Pseudis paradoxus*. *J. Submicrosc. Cytol.* 16:643-8, 1984

Proposed a precise method for osteid distinction and characterization

With M.T. Assis Figueiredo, H. Torloni & G.S. Montes. Differential diagnosis of osteid. A study on human osteosarcoma collagen by the histochemical Picrosirius-polarization method. *J. Pathol.* 148(2):189-96, 1986

First report of the histology of epidermal glands in amphibia

With M.M. Antoniazzi & C. Jared. Epidermal glands in squamata: fine structure of pre-cloacal glands in *Amphisbaena alba* (Amphisbaenia, Amphisbaenidae). *J. Morphol.* 221(1):101-9, 1994

Reported improvements in microscopy

With M.D. A. Silva & H. Torloni. A simple procedure to obtain one-micrometer sections of routinely embedded paraffin material. *Stain Technol.* 64:39-42, 1995

Histology revisited. Technical improvement promoted by the use of hydrophilic resin embedding. *Ciencia e Cultura* 47:92-95, 1995

Other papers in renowned periodicals

With I. Mota, W.T. Beraldo & R.G. Ferri. Action of peptone on mast cells of the dog. *Nature* 173(4403):547-8, 1954

With M.P. Rabinovitch & H.A. Rothschild. Influence of testosterone on nucleic acid phosphorus of rat seminal vesicle. *Science* 114 (2969):551-2, 1951

Authored Atlas de Anatomia Microscopica do Rato (Atlas of Microscopic Anatomy of Mouse) in the first publication of this kind in international literature (1947)

With J. Carneiro da Silva authored Histologia Básica (Basic Histology), translated into 17 languages and used worldwide in many medicine schools

OTHERS

Honorary Research Associate, Harvard University (1975)

Honorary Member, American Association of Anatomists (1988)

Luiz Eduardo da Silva Machado

April 7, 2024

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

Luiz Eduardo da Silva Machado, Brazilian astronomer (Rio de Janeiro 11 October 1927 – Rio de Janeiro 13 July 1992)

Discovered new asteroids

With H. Debehogne. Discovery of minor planets and asteroids near the latter or near the Comet Ashbrook-Jackson made in 1978 with the large 40 CM/f equals 40/m objective prism of the La Silla Observatory. Astron. Astrophys. Suppl. Series 36:313-6, 1979 (7)

With J.F. Caldeira, E.R. Netto, G.G. Vieira & H. Debehogne. Posições astrométricas de asteroides identificados em fevereiro e março de 1981 no observatório europeu Austral, La Silla, Chile. Anu. Inst. Geocienc. 4:1-19, 1980 (5)

With J.F. Caldeira, E.R. Netto, G.G. Vieira & H. Debehogne. Descoberta de elementos orbitais dos asteroides 1979 HB, 1979 P e 1979 YP. Bol. Soc. Astron. Bras. 4(2):8, 1981

With J.F. Caldeira, E.R. Netto, G.G. Vieira & H. Debehogne. 363 precise positions of asteroids. Rev. Mex. Astron. Astrof. 8:19-27, 1983 (5)

With J.F. Caldeira, E.R. Netto, G.G. Vieira & H. Debehogne. Observed Asteroids at the GPO La Silla Chile 1983 Sep. Rev. Mex. Astron. Astrof. 11:43, 1985 (9)

With H. Debehogne. Positions of known and discovered asteroids obtained in La Silla, Chile at the European Southern Observatory 1984 Sep. Rev. Mex. Astron. Astrofis. 11:127, 1985 (undetermined)

With J.F. Caldeira, E.R. Netto, G.G. Vieira, S. Vaz & H. Debehogne. 262 Positions of Asteroids and their dependences. ESO, La Silla, Chile, February 10-25, 1985. Rev. Mex. Astron. Astrof. 13:161, 1986 (6)

SOME BIBLIOGRAPHY

Das ocultações rasantes de estrelas pela Lua (1973)

With J.F. Caldeira, E.R. Netto, G.G. Vieira & H. Debehogne. Positions of Jupiter Galilean satellites and Pluto obtained in May 1980 with GPO of the ESO, La Silla. Astron. Astrophys. Suppl. Ser. 46(1):131-4, 1981

With H. Debehogne & R.R. de Freitas Mourão. Saturn satellites and minor planets positions in February 1933 at ESO, La Silla. An. Inst. Geocien. 6:1-11, 1982

With E.P. Leal & G. Csanak. Electron-impact excitations of some low-lying levels of neon. Physical Rev. A 3rd series 29:1811-24, 1984

With J.F. Caldeira, E.R. Netto, G.G. Vieira & H. Debehogne. Observação de asteróides na Estación de Altura “El Leoncito”, Observatorio Astronomico “Felix Aguilar”, San Juan, Argentina julho-1983. Rev. Mex. Astron. Astrof. 9:91-3, 1984

With E.R. Netto & G.G. Vieira. O método das dependencias na redução de places astrográficas. Na. Inst. Geociencias 8:1-16, 1984

HONORS

Asteroid 2543 Machado

Luiz Emygdio de Mello Filho

April 7, 2024

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

Luiz Emygdio de Mello Filho, Brazilian botanist (Angra dos Reis, Rio de Janeiro State 31 October 1913 – Rio de Janeiro 16 June 2002)

DESCRIBED PLANTAE TAXA

Batocarpus maranhensis 1968 with Emmerich

Ficus carautia 1992 with Neves

Ficus mariae 1999 with Berg & Carauta

Heliconia adeliana 1981 with E. Santos

Heliconia aurea 1976 with E. Santos

Heliconia burle-marxii 1957

Heliconia citrina 1976 with E. Santos

Heliconia fluminensis 1976 with E. Santos

Heliconia kautzkiana 1987 with E. Santos

Heliconia lacletteana 1976 with E. Santos

Heliconia lourteigiae 1977 with E. Santos

Heliconia mariae-augustae 1981 with E. Santos

Heliconia pabstii 1981 with E. Santos

Heliconia pseudoaemygdiana 1983 with E. Santos

Heliconia rivularis 1977 with E. Santos

Heliconia sampaioana 1976

Heliconia velloziana 1975

HONORS

Section *Emygdioa* Carauta 1976 (Moraceae)

Luiz Gonzaga Lordello

March 6, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Luiz Gonzaga Engelberg Lordello, Brazilian helminthologist and plant pathologist (Piracicaba, São Paulo State 11 March 1926 – Piracicaba, São Paulo State 04 February 2002)

Authored over 150 papers and textbooks

DESCRIBED PLANT DISEASES AND ITS PARASITES

First record of *Pratylenchus vulnus* on the roots of peach trees in Nematodo nocivo ao pessegueiro. Rev. Agric. 48(2-3):128, 1973

With A.R. Monteiro & O. Suzuki. Nova doença da fruteira do conde causada pelo nematóide *Radopholus similis*. Rev. Agric. 37:67-71, 1962

With C.P. Costa. A new nematode parasite of coffee roots in Brazil. Rev. Bras. Biol. 21(4):363-6, 1961

Uma doença do feijoeiro causada por nematóides. Rural 41(486):21, 1961

Two nematodes found attacking potato in Cochabamba, Bolivia. Anais Acad. Bras. Ciencias 33(2):209-15, 1961

With A.P.L. Zamith. *Meloidogyne coffeicola*, sp.n., a pest of coffee trees in the State of Paraná, Brazil (1960)

A nematosis of yam in Pernambuco, Brazil, caused by a new species of the genus *Scutellonema*. Rev. Bras. Biol. 19:35-41, 1959

A note on nematode parasites of red anturium (*Anthurium andraeanum* Lind.) with a description of *Rotylenchus boocki* sp.n.. Nematologica 2:273-6, 1957

Two new nematodes found associated with soybean roots. Nematologica 2:19-24, 1957

Sobre um nematódeo do gênero *Pratylenchus* parasito das raízes de *Allium cepa*. Rev. Agr. S. Paulo 31(3):181-8, 1956

Meloidogyne inornata, sp.n. a serious pest of soybean in the State of São Paulo, Brazil. Rev. Bras. Biol. 16(1):65-70, 1956

With A.P.L. Zamith & O. Boock. Novo nematodeo parasite da batatinha. Bragantia 13(11):141-9, 1954

Nota prévia sobre um nematódeo associado a uma moléstia das folhas do morangueiro. Rev. Agr. S. Paulo 28 (3-4):130-1, 1953

Xiphinema brasiliense, nova espécie de nematóide do Brasil, parasita de *Solanum tuberosum* L. Bragantia 11(1-3):87-92, 1951

DESCRIBED NEMATODA TAXA

Genera

Brasilaimus 1957 with Zamith

Caryboca 1967

Ibipora 1977 with Monteiro

Metaporcelaimus 1965

Mylodiscoides 1963

Phytorhabditis 1963 with Oliveira

Proleptonchus 1955

Spirotylenchus 1958 with Cesnik

Tubixaba 1980 with Monteiro

Species

About 35 new helminth species

HONORS

Genus *Lordellonema* Andrassy 1960 (Nematoda)

Rhone-Poulenc Prize, Organization of Tropical American Nematologists (1987) “in recognition for outstanding accomplishments in research and service to the Science of Nematology”

Lynch Arribalzaga brothers

March 6, 2024

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

Felix Benito Lynch Arribalzaga, Argentine entomologist (Buenos Aires 03 April 1854 – Buenos Aires 10 April 1894)

Enrique Lynch Arribalzaga, Argentine entomologist and ornithologist (Buenos Aires 26 August 1856 – Resistencia, Jujuy Province 28 June 1935)

They were of Irish descent.

TAXA DESCRIBED

Diptera (considering the global production of brothers)

Tribes

Chriorhinini 1892

Xilotini 1891

GENERA

Planetolestes 1879

Asicya 1880

Ceratotaenia 1880

Leptoharpacticus 1880

Cyclicomera 1881

Phonicocleptes 1881

Tolmerolestes 1881

Rhathimomyia 1882

Stratiotomyia 1882

Pediophoneus 1883

Argentinomyia 1891

Heteronycha 1891

Holmbergia 1891

Janthinosoma 1891

Ochlerotatus 1891

Taeniorhynchus 1891

Uranotaenia 1891

Promilesia 1892

Felix Lynch Arribalzaga (Genera described Coleoptera and Hymenoptera)

Astenus 1884

Campoporus 1884

Chloecharis 1884

Cryptocompsus 1884

Heterophaena 1884

Myrmecoxenia 1884

Oligonotus 1884

Scaptopoda 1878 (Hymenoptera)

Sciocharis 1884

Stenosidotus 1884

Stereocephalus 1884

Enrique Lynch Arribalzaga (Subspecies described Aves)

Tachybaptus dominicus speciosus 1877

Rhea americana albescens 1878 (with Holmberg)

HONORS (honoring Felix Lynch Arribalzaga)

Lynchiatilla Casal 1963 (Hymenoptera)

Lynchiella Lahille 1904 (Diptera)

Microlynchia Lutz 1915 (Diptera)

Machado Allison Brothers

April 7, 2024

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

Antonio José Machado-Allison, Venezuelan ichthyologist (Caracas 29 July 1945 –

DESCRIBED VALID PISCES TAXA

Genus

Ptychocharax 1994 with Weitzman, Fink & Royero

Species

Aequidens superomaculatum 2015 with Hernandez-Acevedo & Lasso

Apareiodon orinocensis 1999 with Bonilla, Silvera, Chernoff & Lasso

Aphyocharax yekwanae 2003 with Willink & Chernoff

Bryconops colanegra 1999 with Chernoff

Bryconops colaroja 1999 with Chernoff

Bryconops collettei 2005 with Chernoff

Bryconops disruptus 1997 with Chernoff

Bryconops humeralis 1996 with Chernoff & Backup

Bryconops (Creatochanes) imitator 2002 with Chernoff

Bryconops magoi 2005 with Chernoff

Bryconops vibex 1996 with Chernoff & Backup

Ceratobranchia delotaenia 1990 with Chernoff

Ceratobranchia joanae 1990 with Chernoff

Cichla intermedia 1971

Creagrutus hysginus 1994 with Harold, Vari & Provenzano

Creagrutus lepidus 1993 with Vari, Harold & Lasso

Harttia merevari 2005 with Provenzano, Chernoff, Willink & Petry

Piaractus orinoquensis 2019 with Escobar, Ota, Farias & Hrbek

Pristobrycon careospinus 1992 with Fink

Pristobrycon maculipinnis 1992 with Fink

Ptychocharax rhyacophila 1994 with Weitzman, Fink & Royero

Serrasalmus gouldingi 1992 with Fink

Serrasalmus hastatus 2001 with Fink

Serrasalmus neveriensis 1993 with Fink, Lopez Rojas & Rodenas

LINKS

<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

Carlos Eduardo Machado-Allison, Venezuelan medical entomologist (Long Beach, California 21 April 1938 –

DESCRIBED TAXA

Siphonaptera

Species & subspecies

Adoratopsylla (Adoratopsylla) antiquorum rara 1972 with Tipton

Adoratopsylla (Adoratopsylla) antiquorum recta 1972 with Tipton

Ctenidiosomus perplexus 1972 with Tipton

Ctenophthalmus caballeroi 1960 with Barrera

Hormopsylla cryptica 1972 with Tipton

Coleoptera

Subgenus

Streptopinodes 1970 with Martínez & Barrera

Species

Amblyopinodes barrerae 1962

Amblyopinodes major 1972 with Barrera

Amblyopinodes piceus 1972

Amblyopinodes venezolanus 1972 with Barrera

Amblyopinus bolivari 1960 with Barrera & Muniz

Amblyopinus delicatus 1968 with Barrera

Amblyopinus intermedius 1972 with Barrera

Amblyopinus metasternalis 1972 with Barrera

Amblyopinus proximus 1972 with Barrera

Amblyopinus seeversi 1964 with Barrera

Amblyopinus trapidoi 1968 with Barrera

Amblyopinus wenzeli 1968 with Martínez & Barrera

Diptera

Species

Atomosia rosalesii 1963 with Carrera

Basilia ortizi 1964

Glaphropyga venezuelensis 1963 with Carrera

Lastaurus alticola 1968 with Carrera

Lastaurus tricolor 1968 with Carrera

Megistopoda delicatus 1966

Neoitamus peregrinus 1963 with Carrera

Neotrichobius delicatus 1966

Promachina (Amblyonychus) yepezi 1963 with Carrera

Acari

Genus

Cameronieta 1965

Species

Cameronieta thomasi 1965

Gigantoelaps fonsecai 1964

Macrocheles halffteri 1964

Macrocheles hechti 1964

Periglischrus dusbabeki 1971 with Antequera

Periglischrus gameroi 1971with Antequera

Periglischrus herrerae 1965

Periglischrus hopkinsi 1965

Periglischrus paracutisternis 1971with Antequera

Periglischrus ramirezi 1971 with Antequera

Periglischrus setosus

Periglischrus squamosus 1965

Periglischrus torrealbai 1965

Tridiplogynium munizi 1964

Tridiplogynium scorzai 1966 with Esquivel

Psocoptera

Species

Notiopsocus neotropicus 1962 with Papavero

Madhav Narayan Kamat

March 2, 2024

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

Madhav Narayan Kamat, Indian mycologist and plant pathologist (Vengurla, Ratnagiri District 05 May 1897 – 1980)

DESCRIBED VALID FUNGI GENERA

Ajrekarella 1964 with Kalani

Chadefaudiomyces 1974 with Rao, Patil & Ullasa

Deshpandiella 1973 with Ullasa

Ketubakia 1987 with Varghese & Rao

Muelleromyces 1968 with Anahosur

Muribasidiospora 1968 with Rajendren

Peridiopsora 1969 with Sathe

Ramakrishnanella 1970 with Ullasa

Stakmania 1968 with Sathe

HONORS

Kamatella Anahosur 1969 (Fungi)

Maffei family

April 7, 2024

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

Carlos Eduardo Moreira Maffei, Brazilian structural engineer (São Paulo 23 June 1941 –

DEVELOPED

With H.H.S. Gonçalves & M.C. Guazzelli. An innovative method used to build an underground crossing downtown, Rio de Janeiro, Brazil (2005)

With H.H.S. Gonçalves & M.C. Guazzelli. An innovative constructive method for the retaining structures of excavation of the underground parking Dr. Eneas de Carvalho Aguiar in São Paulo, Brazil (2000)

With H.H.S. Gonçalves, P.M. Pimenta & R.M. Pauletti. A programming system non-linear dynamic and static analysis of tall buildings (1998)

With H.H.S. Gonçalves & M.C. Guazzelli. Uma utilização pioneira de jet-grouting como escoramento (1998)

With H.H.S. Gonçalves, M.E.G. Boscov & R.L.E. Silva. Uma maneira simplificada de considerar a rede de fluxo no cálculo do empuxo ativo (1994)

With H.P. Ching. A method for determining internal forces in retaining walls (1987)

With R. Esquivel & R. Oliveira. A model for calculating Earth-retaining structures. Ann. Intern. Symp. Soil-Struct. Interaction (1977)

With J.C. André. Methods for calculating braced excavations. Ann. Intern. Symp. Soil-Struct. Interaction (1977)

With E.M. Amaral Filho & P.F. Rocha built Boa Vista stretch of North-South line of São Paulo subway, that was rated in a number of world congresses of this specialty as the foremost achievement of tunnel engineering in cities (1970s)

His father, Francisco João Humberto Maffei, chemical engineer (São Paulo 19 March 1899 – São Paulo 26 January 1968)

Authored over 40 publications

DEVELOPED METHODS

Método de análise química da gipsita. Quim. Ind. 11(1):43-4, 1948

Método de análise química do cimento Portland

A determinação do titânio pelo azul de metileno. Bol. Inst. Pesq. Tecnol. 37:7, 1937

Contribuição para o estabelecimento de métodos de ensaios para as pozzolanas (1941)

With J.R. Pucci. A determinação direta dos hidrocarbonetos de borracha. Anais Assoc. Quim. Brasil 4:65, 1945

With R. Wasicky. Um aparelho de construção simples de micro e macro determinação do ponto de fusão. Anais Assoc. Quim. Brasil 7:111, 1948

PATENT

Novo processo de solubilização do óleo de mamona (nº 24.876) 1937

SOME BIBLIOGRAPHY

With M. Outa. Reaction of bromine with rubber in aqueous dispersion and its analytical use. Anais Assoc. Quim. Brasil 7:195-9, 1948

The velocity of inversion of sucrose by tartaric acid and phosphoric acids. Anais Assoc. Quim. Brasil 7:98, 1948

With A. Hoffmann. A determinação do linalol. Anais Assoc. Quim. Brasil 6:93-7, 1947

Características anômalas do óleo de casca de laranja. Anais Assoc. Quim. Brasil 5:61-4, 1946

With O. Bergstrom Lourenço. Solarização de vidro transparente aos raios ultra-violetas (1943)

O aproveitamento da bauxita como agente adsorvente na clarificação do açúcar. Anais Assoc. Bras. Quim. (1942)

Mahadev Atmaram Moghe

April 7, 2024

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

Mahadev (Mahdav) Atmaram Moghe, Indian helminthologist and reproductive biologist (Jabalpur, Madhya Pradesh State 21 April 1896 – Nagpur 12 May 1966)

DESCRIBED CESTODA TAXA

Genera

Megacalanthus 1926

Southwellia 1925

Species

Acanthotaenia woodlandi 1926

Arhythmorhynchus tigrinus 1953 with Das

Cephalogonimus emygdalis 1930

Choanotaenia chandleri 1925

Diorchis magnicirrosa 1934 with Inamdar

Echinostomum govindum 1932

Hymenolepis oweni 1933

Lytocestus indicus 1925

Mogheia orbiuterina 1933

Oochoristica sigmoides 1926

Ophryocotyloides meggitti 1933

Ophryocotyloides monocantis 1934 with Inamdar

Panwua chandleri 1925

Paramonostomum microstomum 1932

Paroniella duosyntesticulata 1934 with Inamdar

Paruterina septotesticulata 1934 with Inamdar

Skrjabinotaurus nagpurensis 1925

Skrjabinotaurus quadritesticulatus 1925

Unciunia scapillicirrosa 1933

HONORS

Mogheia López-Neyra 1944 (Cestoda)

Mahadeva Subramanian Mani

April 7, 2024

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

Mahadeva Subramanian Mani, Indian entomologist (Tanjore, Tamil Nadu State 02 March 1908 – Bangalore 08 January 2003)

About over 450 papers and 28 books

DESCRIBED INSECTA TAXA

Family

Chryomyzidae 1974 (Diptera)

Valid Genera

Diptera

Amradiplosis 1947

Anjeerodiplosis 1938

Bainidiplosis 1935

Neolestremia 1934

Odinadiplosis 1935

Pipaldiplosis 1942

Pruthidiplosis 1934

Punarnavomyia 1953

Sissudiplosis 1942

Hymenoptera

Ecrizotomorpha 1939

Kapaloides 1942

Krishnieriella 1935

Neparaprostocetus 1939

Pararretoceroides 1938

Coleoptera

Palaeotanymecides 1946

Species

About 375 in Hymenoptera, Diptera, Coleoptera, Hemiptera and other orders

HONORS

Maniaspis Borchsenius 1964 (Hemiptera)

Manicnemus Hayat 1981 (Hymenoptera)

Manineura Boucek 1978 (Hymenoptera)

Maharajapuram Seetharaman Krishnan

March 2, 2024

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Maharajapuram Seetharaman Krishnan, Indian geologist (Thanjavur District, Tamil Nadu 24 August 1898 – Thanjavur District, Tamil Nadu 24 August 1970)

SOME BIBLIOGRAPHY

The petrography of rocks from the Girnar and Osham hills. *Rec. Geol. Surv. Ind.* 58(4):380, 1925

The geology of the Gangpur State. *Eastern States. Mem. Geol. Surv. India* 71:1-181, 1937

Geology of India and Burma (1949)

Mineral resources of Madras. *Mem. GSI* 80:300, 1951

With N.K.N. Aiyangar. Iron ore deposits of the Salem and Trichinopoly districts. *Bull. Geol. Surv. India A* 8, 1953

With J. Swaminath. The Great Vindhyan Basin of Northern India. *J. Geogr. Soc. India* 1:10-30, 1959

Pre-Cambrian stratigraphy of India. *Rep. Int. Geol. Congr. Copenhagen* 21:95-107, 1960

The Age of the Deccan traps. *Proc. Symp. Deccan Trap Country. INSA Bull.* 45:87-94, 1973

HONORS

Krishnanian Sahni & Srivastava 1954 (*Acritarcha*)

Mahdi Hasan

February 29, 2024

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

Mahdi Hasan, Indian morphologist and microscopist (Akbarpur, Ambedkar Nagar District, Uttar Pradesh State 21 March 1936 – Lucknow 12 January 2013)

Authored 135 research papers, 6 books and 8 book chapters

First to use single neuron recording for studying thallotoxicosis (1978)

With P. Glees proposed a new hypothesis for the genesis of neuronal lipofuscin (1972)

With P. Glees & K. Tischner first to perform an ultrastructural classification of synapses in the lateral geniculate body of the monkey

First demonstrated vacuolar degeneration of neurons in the lateral geniculate body of the monkey

Described different morphological types of occipital sinuses

Discovered a new technique in vivo for demonstrating zinc in brain sections (1977)

Mahdi Salih Hantush

February 29, 2024

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

Mahdi Salih Hantush, Iraqi hydrogeologist (Baghdad 12 December 1921- Kuwait 14 January 1984)

Developed well-flow equations

Derived mathematical equations of flow to fully and/or partially penetrating wells in aquifer systems

Devised methods for the analysis of pumping test data to determine their hydraulic properties

With R.G. Thomas. A method for analyzing a drawn down test in anisotropic aquifers. Water Resources Res. 2(2):281-5, 1966

Mahir Saleh Hussein

February 29, 2024

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

Mahir Saleh Hussein, Iraqi-born Brazilian nuclear physicist (Bagdad 21 November 1944 – São Paulo 16 May 2019)

World authority in theoretical nuclear physics

Authored over 350 papers and 5 books (with over 7,000 citations)

With K.W. McVoy developed the Nested-Doorway model at Phys. Rev. Lett. 43:1645, 1979

With L.F. Canto, R. Donangelo & A. Lepine clarified the origin of the anomalous large-angle scattering of systems as $^{16}\text{O} + ^{28}\text{Si}$ as being related to alpha-cluster nature of these nuclei which allows elastic transfer at Phys. Rev. Lett. 51:95, 1983

Developed the formal complex potential scattering theory (1987)

Suggested a mechanism where a powerful laser is coupled to a beam of electrons and through an ingenious setup involving magnets with alternating polarities placed at distances along the accelerator, the electrons injected with MeV energies, could reach GeV energies after travelling one meter (laser driven accelerators)

Showed the relevance of the coupling of the different channels to the low Q-value breakup channels even at low energies (1991-2)

An important paper

With Mauricio Porto Pato (IF-USP), L.F. Canto & R. Donangelo (UFRJ). Near barrier fusion of ^{11}Li with heavy spherical and deformed targets. Phys. Rev. C46:377, 1992

Demonstrated the break-up and fusion properties of exotic nuclei in loosely bound systems. Phys. Rev. Lett. (1992)

Proposed Super Chemistry model

First to propose the idea of a hybrid atomic-molecular Bose-Einstein condensate and pointed out the peculiar properties of Bose-Einstein condensates to the transition from an atomic to a molecular condensate

This paper has become the standard reference in the field

With E. Timmermans, P. Tomasini & A. Kerman. Feshbach resonances in atomic Bose-Einstein condensates. Phys. Report 315:199, 1999

With B.V. Carlson, A.F.R. de Toledo Piza & L.F. Canto developed a reaction theory for exotic nuclei and a detailed model for the excitation and decay of multiple giant resonances (1999)

Established Sao Paulo potential

With Luiz Carlos Chanon, B.V. Carlson, L.R. Gasques, D. Pereira, C. de Conti, M.A.G. Alvarez, M.A. Candido Ribeiro, E.S. Rossi Jr. & C.P. Silva. Toward a global description of the nucleus-nucleus interaction. Phys. Rev. C66:014610, 2002

Authored a 111-page technical article which helped to explain experimental results achieved in particle accelerators in many countries that gave him international visibility (Physics Reports 2006)

With Pierre Descouvemont developed MCDCC (Microscopic Continuum Discretized Coupled Channels), a new method for calculating the behavior of exotic nuclei (2013)

With Bill Poirier developed a novel path-based formulation for quantum mechanics

With M.P. Pato developed the Deformed Gaussian Orthogonal Ensemble (DGOE) that generalized to the other universal ensembles

PATENTS

With A.C. Bertuola. Metodo de dimensionamento dos meios de fixação de estruturas mecânicas submetidas a abalos sísmicos (Stability of mechanical structures subject to seismic activity) PI06008682 (2006)

With M.P. Pato. Acelerador de partículas movido a laser (Laser Driven Particle Accelerators) PI9201269 (1992)

HONOURS

Distinguished Tinker Visiting Professor, University of Wisconsin, Madison (1979-80)

Martin Gutzwiller Fellow, Max Planck Institute (2008)

LINKS

<http://www.fma.if.usp.br/~hussein/hussein-cv.pdf>

Mahmoud Hessaby

February 29, 2024

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

Seyed Mahmoud Khan Mirza Hessaby, Iranian physicist (Tafresh 23 February 1903 – 03 September 1992)

Proposed the theory of infinitely extended particles

Model of an infinite particle. J. Phys. Radium 18(5):323-6, 1957

Theoretical evidence for the existence of a light-charged particle of mass greater than that of the electron. Phys. Rev. 73(6):1128, 1948

Proposed a modification of Coulomb's law of electric field

Presented his results on calculation of energy density and particles masses (1977)

SOME BIBLIOGRAPHY

Theory of infinitely extended particles (1977)

The deviation of light waves in the presence of matter (1948)

Continuous particles. Proc. Natl. Acad. Sci. USA 33(6):189-94, 1947

The effect of matter on the path of light and the deviation of light waves on the surface of matter (1947)

The correction of Newton's law of gravity (1947)

Maxwell's law of the electromagnetic field (1947)

A strain theory of matter (1946)

Structure of essential particles of the nucleus of an atom in Einstein's theory of relativity (1946)

Essai d'interpretation des ondes de Broglie (1945)

Sensitivity of photoelectric cells and elementary particles. Doctoral Thesis, Sorbonne (1927)

HONORS

Commandeur de la Legion d'Honneur de France, the greatest French scientific medal (1973)

World's Man of the Year, American Biographical Institute & International Biographical Center (1989)

Marquis World Who's Who (1978-9; 1982)

Makram Nasr Kaiser

March 2, 2024

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

Makram Nasri Kaiser, Egyptian acarologist (Aswan 06 April 1930 – Heliopolis 06 June 1996)

Authored over 80 scientific papers

Regarded as world's leading authority on ticks of the genus *Hyalomma*

DESCRIBED ACARI TAXA

Genera

Anomalohimalaya 1970 with Hoogstraal & Mitchell

Persicargas 1964 with Hoogstraal & Kohls

Species

Anomalohimalaya lama 1970 with Hoogstral & Mitchell

Argas africanus 1975 with Hoogstral, Walker, Ledger, Converse & Rice

Argas arboreus 1964 with Hoogstral & Kohls

Argas beklemischevi 1964 with Hoogstral & Kohls

Argas ceylonensis 1968 with Hoogstral

Argas cucumerinus 1964 with Hoogstral & Kohls

Argas daviesi 1973 with Hoogstral

Argas delicatus 1964 with Hoogstral & Kohls

Argas dewae 1974 with Hoogstral

Argas falco 1974 with Hoogstral

Argas hermanni 1973 with Hoogstral

Argas himalayensis 1973 with Hoogstral

Argas latus 1973 with Hoogstral

Argas lowryae 1975 with Hoogstral

Argas macrostigmatus 1973 with Hoogstral

Argas miniatus 1964 with Hoogstral & Kohls

Argas nullarborensis 1973 with Hoogstral

Argas persicus 1964 with Hoogstral & Kohls

Argas reflexus 1973 with Hoogstral

Argas ricei 1975 with Hoogstral, Clifford & Keirans

Argas robertsi 1964 with Hoogstral & Kohls

Argas streptopelia 1970 with Hoogstral & Horner

Argas theilerae 1970 with Hoogstral

Argas tridentatus 1964 with Hoogstral & Kohls

Argas walkerae 1969 with Hoogstral

Argas zumpti 1964 with Hoogstral & Kohls

Boophilus kohlsi 1960 with Hoogstral

Carios collocaliae 1974 with Hoogstral, Kadarsan & Van Peenen

Hyalomma brevipunctata 1963 with Hoogstral

Hyalomma dromedarii 1960 with Hoogstral

Hyalomma franchinii 1960 with Hoogstral

Hyalomma husaini 1964 with Hoogstral

Hyalomma impeltatum 1960 with Hoogstral

Hyalomma punt 1969 with Hoogstral & Pedersen

Hyalomma rhipicephaloides 1964 with Hoogstral

Subspecies

At least 10

HONORS

Subgenus *Kaiseriana* Santos Dias 1963 (Acari)

Makund Behari Lal

March 6, 2024

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

Makund Behari Lal Sahab, Indian helminthologist and parasitologist (Sitapur District, Uttar Pradesh State 31 January 1907 – Dayalbagh, Agra State 05 December 2002)

Authored over 100 research papers

First to demonstrate that the pungent smell of the stink gland secretion of millipeds is due to chlorine (1933)

Demonstrated a simple method for maintaining live *Echinorhynchus truttae* for several days using 1% solution of sodium chloride (1947)

Demonstrated in detail how the infection of the snail by trematode larvae affects the life of the host

With S.C. Shrivastava proved the non-chitinous nature of the scorpion epicuticle (1957)

Demonstrated the occurrence of haemoglobin in helminths (1959)

Showed that the vitelline gland in helminths produce a secretion comprising sclerotin

With G.N. Johri first to present a step by step sequence of shell formation in *Fasciola indica* (1967)

Papers in top journals

A new trematode metacercaria from the eyes of trout. Nature 171 (4342):130-1, 1953

With M.S. Kanungo. Invertase in *Palamnaeus bengalensis*. Science 117 (3029):57-8, 1953

With B.B. Saxena. Uricotelism in the common Indian apple-snail, *Pila globosa* (Swainson). Nature 170 (4337):1024, 1952

Occurrence of larval helminths in *Gammarus pulex* (L) from the Braid Burn, Edinburgh. Nature 169 (4305):752, 1952

With N.K. Chowdhury & K.Kishor. Purification of the anticoagulant principle obtained from the Indian cattle leech, Hirudinaria. Science 114 (2974):696-7, 1951

With N.K. Chowdhury. Anticoagulant activity of the Indian cattle leech. Nature 166 (4220):480, 1950

Acanthocephala of trout and Anthelmintics: behaviour in vitro. Nature 159 (4042):545-6, 1947

DESCRIBED HELMINTH TAXA

Genera

Chinhuta (1937)

Hindia (1936)

Klossinema 1968

Lieftinckana 1959

Naviformia 1936

Neolalaria 1939

Oswaldocruzia 1942

Psilorchis 1936 with Thapar

Receptocoelum 1939

Typhlophilus 1936

Species

About 35

BIBLIOGRAPHY

Data extracted from Proceed. Internat. Conf. Intern. Conf. Environ. Parasitol. Commun. Health Care Initiatives: ENPARACOH, Oct 13-15, 2007

Malcolm Hutchison Giffen

February 29, 2024

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Malcolm Hutchison Giffen, South African phycologist (Rosebank, Cape Town 06 July 1902 – East London, Buffalo City, Eastern Cape Province 16 September 1986)

Described genus *Cuneolus* 1970 and 89 new species of diatoms

HONORS

Giffenia Round & Basson 1997 (Bacillariophyceae)

Mambillikalathil Govind Kumar Menon

April 7, 2024

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

Mambillikalathil Govind Kumar Menon, Indian physicist (Mangalore, Karnataka 28 August 1928 – New Delhi 22 November 2016)

ACHIEVEMENTS

With B. Peters elucidated the properties of the strange particles that are responsible for establishing decay modes of some K-mesons

First observations and analysis of natural neutrino interactions and observations of Kolar events

First detected atmospheric neutrinos (1965)

First established the existence of muons of varying energies mono-energetic high energy charged pions and electrons as secondaries in the decays of heavy mesons

First demonstrated scattering phenomena involving K-particles

Coined the term associated production used to describe the property of kaons that are always produced in pairs

Developed high-precision measurement techniques for cosmic rays (e.g. the use of large stripped emulsion stacks)

With Virendra Singh developed the technique of flying large-volume plastic balloons to very high altitudes

HONORS

Asteroid 7564 Gokumenon

Honorary Foreign Member, American Academy of Arts and Sciences (1970)

Honorary Foreign Member, Russian Academy of Sciences

Honorary Member, Institution of Electrical and Electronic Engineers

Honorary Fellow, Institute of Physics, United Kingdom (1997)

President, International Society Council of Scientific Union (1988-93)

Blackett Memorial Lecture, Royal Society (1987)

Mandyam Osuri Parthasarathy Iyengar

February 29, 2024

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

Mandyam Osuri Parthasarathy Iyengar, Indian phycologist (Madras 15 December 1886 – 10 December 1963)

DESCRIBED ALGAE GENERA (some are posthumous)

Chlorophyta

Characiellopsis 1975

Characiosiphon 1936

Chlamydocystis 1975

Cylindrocapsopsis 1957

Delphinomonas 1976

Dendrocystis 1962

Eccallocystella 1975

Eccallocystopsis 1933

Fortiellopsis 1976

Fritschiella 1932

Gilbertsmithia 1975

Gloeotilopsis 1956 with Philipose

Heterothrichopsis 1941 with Kanthamma

Hormidiella 1940 with Kantamma

Melomonas 1976

Palmellosphaerium 1971

Pyramidococcus 1976

Stylosphaeridiella 1975

Ulotrichella 1975

Others

Cladospingia 1940 with Ramanathan (Protozoa)

Mastigocladopsis 1946 with Desikachary (Cyanophyceae)

Triplastrum 1942 with Ramanathan (Charophyta)

HONORS

Iyengarina Subramanian 1958 (Fungi)

Iyengariella Desikachary 1953 (Cyanophyceae)

Iyengaria Boergensen 1939 (Phaeophyceae)

Iyengariomonas Desikachary 1965 (Chlorophyta)

Mangabeira Albernaz Family

April 7, 2024

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

Paulo Mangabeira Albernaz, Brazilian otorrhinolaringologist (Bagé, Rio Grande do Sul 25 January 1896 – Campinas, São Paulo State 23 April 1982)

ACHIEVEMENTS

Authored over 500 medical and non-medical works

Conceived a new method of corrosive paste applications for palatine amygdalae ablation (1921)

Employed bismuth salts for Plaut-Vincent angina and tropical ulcer. This approach attracted international interest

O bismuto na angina de Vincent. J. Clínicos 23, 1922

Tratamento simples e practico da úlcera tropical. J. Clínicos 9, 1923

Described the diffuse leishmaniotic polyp of nasal septum or Mangabeira-Albernaz polyp (1924)

Albernaz maneuver

Cephalic nystagmus of position. Rev. Oto-Neuro-Oftal. 6:489-96, 1931

Possibly first reported a maxillary sinusitis of dental etiology

Etiologia dentaria da sinusite maxilar na criança. Clínica Oto-rino-laringológica (Estudos e Observações) p.334, 1933

Described the leishmaniotic rhinophyma (1934)

Novas ideias acerca da patogenia e da terapêutica do rinofima. Anais Otorrinol. 1(1), 1935

Presented a new incidence for radiographic study of ethmoid being a variant of axial incidence

Extra-capsular tonsillectomy: standardization of technique. Rev. Bras. Otorrinolaringol. 22 (2): 152-63, 1954

Processo simples e prático de anestesia para as injeções endotraqueais. Rev. Otolar. S. Paulo 2(4):279-87, 1934

Soluto concentrado para a anestesia cirúrgica do tímpano. Rev. Otolar. S. Paulo 2(6):494-8, 1934

Eponym of Mangabeira Albernaz anesthetic solution

His son, Pedro Luiz Mangabeira Albernaz, otorrhinolaryngologist (Campinas, São Paulo State 06 June 1932-

Authored over 600 works and 16 books

With Y. Fukuda first to describe association between the carbohydrate metabolism disturbances and balance alterations

DEVELOPED

New semiological methods

A simplified surgical technique for investigate globus pallidus area

An endolymphatic subarachnoid derivation (1967)

A technique of neurootological examination (with Ganança) in 1977

PATENT

With R.F. Bento & S.P. Penteadó. Dispositivo eletrônico e digital para cancelamento ativo de ruídos para substituir cabines audiométricas dos exames de audiometria e afins
PI1002508-1 A2 (2010)

HONOURS

Honorary Fellow, American Otological Society (1993)

Manuel Augusto Montes de Oca

April 7, 2024

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

Manuel Augusto Montes de Oca Rodríguez, Argentine surgeon (Buenos Aires 15 December 1831 – Buenos Aires 02 December 1882)

DEVELOPED

Drainage tube method for vaginal hydrocele

A laparotomy technique

Subcutaneous insuflation for aiding tumor cysts extirpation (1877)

A periurethrotomy method for treatment of fistulous and fibrous narrowness of urethra

Osteoplastic amputation of leg muscle with anterior patellar flap

Manuel C. Malenchini

April 7, 2024

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

Manuel Carlos Malenchini Cavalli, Argentine radiologist (La Plata, Buenos Aires Province 30 October 1905 – Buenos Aires 17 May 1963)

Authored over 200 scientific publications and spoke over 30 lectures in foreign countries

Developed angiocardiology

Developed tomoencephalography (with Manuel Oribe & Braulio Carrillo) 1937

Realized Resano-Malenchini classification for achalasia

SOME BIBLIOGRAPHY

With J. H. Resano & G. Barani. Oesophage court et cancer. Am. Otolaryngol. Chir. Cervicofac. 74:150-4, 1957

With J.H. Resano. Les genoux du megaesophage et les problemes qu'ils posent em clinique. Presse Med. 33:779, 1956

With J.H. Resano & T. Rock. Roentgenological findings in supra aortic cancer of the esophagus (1955)

With J.H. Resano. Constriction of the lower third of the esophagus by a lymph node metastatic from lung cancer. El Dia Medico 26(36): 913, 1954

With J.H. Resano & M. Martela. Utilidad de la radiografia agrandada para el diagnostico de pequenos carcinomas de esôfago. Prensa Med. Arg. 40:2949, 1953

With J.H. Resano & J.L. Peraltes. Classification segmentaire du cancer de l'oesophage thoracique. Rev. Chir. 72:337, 1953

With J. Roca & L. Rua. Angiocardiograma normal y patológico. El Dia Medico 06 June 1949

With J. Roca. Tumors of the upper third of the stomach. Am. J. Roentgenol. 60:323, 1948

With M.R. Castex & E. Mazzei. Roentgencinematografia con tecnica de Abreu. Su aplicación AL estudio de las afecciones torácicas. Arch. Argent. Enferm. Apar. Resp. 9:300-7, 1941

With L. Gravano. Importance of tomography of the lungs in the diagnosis of apical tumor: painful apico-costovertebral syndrome. Rev. Asoc. Med. Arg. 51:509-12, 1937

With E. Hoffmann. Megaesofago o dilatación difusa del esofago

With J. Resano. Invaginación esofágica que simula um esofago corto en una hernia hiatal

With L. Braier. Estudio de la imagen del cístico en las colecistocolangiografias con telepaque

With J.H. Resano. Megaesofago simulando un cancer abscedado de pulmón

With J.H. Resano, A. Lomberg & D. Hojman. Quiste intramural del esofago

With A. Roca & Banzas. Aspecto radiológico normal del esofago en el lactante

Manuel Gómez de la Maza

April 7, 2024

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

Manuel Gómez de la Maza y Jiménez, Cuban botanist (La Habana 10 March 1867 – 20 January 1916)

Described about 200 new plant species

HONORS

Mazaea Krug & Urban 1897 (Rubiaceae)

Manuel Gonzalez Echeverría

February 29, 2024

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

José Manuel Alejandro González Echeverría, Cuban physician (La Habana 24 April 1833 – La Habana 26 March 1898)

From Venezuelan father and Cuban mother

World famous as ophthalmoscopist and epileptologist

Described pupil and retina capillaries conditions along epileptical crisis

Observed the anatomical lesions that caused paroxysmal brain discharges

Authored On Epilepsy. Anatomic-Pathological and clinical notes (1870) praised by medical international press

Manuel Gonzalez Sponga

February 29, 2024

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

Manuel Angel Gonzalez Sponga, Venezuelan arachnologist (Guatire, Miranda 30 April 1929 – Caracas 01 March 2009)

DESCRIBED TAXA

Atractus emigdioi 1971 (Reptilia)

About 225 new Myriapoda species

One family, 63 genera and 353 species in Arachnida

HONORS

Spongaobaria Ozdikmen 2008 (Arachnida)

Manuel López Figueiras

March 6, 2024

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

Manuel López Figueiras, Cuban-born Venezuelan botanist and lichenologist (Jobabo, Las Tunas 16 June 1915 – Caracas 25 April 2012)

From Spanish parents

DESCRIBED NEW SPECIES

Plantae

Species (with Ruiz Terán)

Libanothamnus griffini 1976

Libanothamnus wurdackii 1976

Paragynoxys cuatrecasasii 1974

Pentacalia mason-halei 1976

Ruilopezia cuatrecasasii 1974

Ruilopezia lopez-palacii 1976

Lichenes

Species (with Mason Hale 1979)

Everniastrum paramense

Hypotrachyna cendensis

Hypotrachyna meridiensis

Hypotrachyna neoflavida

Parmotrema larense

HONORS

Lopezaria Kalb & Hafellner 1990 (Lichenes)

Ruilopezia Cuatrecasas 1976 (Asteraceae)

Manuel Mahu

April 7, 2024

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

Manuel U. Mahu y Mahu, Chilean bryologist and lichenologist (03 May 1930 –

DESCRIBED

Family

Cochlearidiaceae 2013 with Ochyra (Musci)

Genus

Cochlearidium 2013 with Ochyra (Musci)

Lepidoziella 1987 (Hepaticae)

Species

Brachymenium chilensis 1987 with Ochyra (Musci)

Cochlearidium aymaranum 2013 with Ochyra (Musci)

Hennediella diaguita 1999 with Zander (Musci)

Lepidoziella varians 1987 (Hepaticae)

Ramalina sp. 1968 (Lichenes)

HONORS

Mahua Buck 1983 (Musci)

Manuel Martínez Baez

April 7, 2024

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

Manuel Martínez Baez, Mexican physician (Morelia, Michoacán State 26 September 1894 – Ciudad de Mexico 19 January 1987)

Performed studies on parasitology, anatomical pathology and public health

Authored 133 papers and 6 books

Developed a simple method for photographing helminth preparations

With L. Mazzotti. Metodos sencillos para obtener fotografias de preparaciones de helmintos (1956)

HONORS

Honorary Member, Academy of Medicine of New York

Genus *Martineziella* Hegner & Hewitt 1941 (Protozoa)

Manuel Pereira de Godoy

February 29, 2024

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

Manuel Pereira de Godoy, Brazilian fisheries biologist and historian (Pirassununga, São Paulo State 22 April 1922 – Pirassununga, São Paulo State 14 October 2003)

Internationally known for his studies on migration and reproduction of rheophilic fishes

Authored 130 technical works about fisheries and anthropology

DESCRIBED FISH SPECIES

Astyanax trierythropterus 1970

Hypostomus luteus 1980

Hypostomus topavae 1969

Leporinus amae 1980

Sternachella curvioperculata 1968

Marcel Cerqueira Cesar Machado

April 7, 2024

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

Marcel Cerqueira Cesar Machado, Brazilian surgeon (14 May 1937 –

Authored 189 papers, 53 book chapters and 2 books (until 2011)

Held about 9,000 citations (Google Scholar) being 20 papers with about 100 citations

CONTRIBUTIONS

With A.R.F. Teixeira, M. S. Kubrusly, M. B. Privato, K. R. M. Leite & L. A. C. Dalbuquerque. A new experimental model for acute hepatic failure in rats.. Acta Cirurgica Brasileira 25:269-274, 2010.

With E. R. Figueira, M. A. C. Machado, J. Jukemura, J. E. M. Cunha, M. V. Perini & T. Bacchella. Portal vein resection: a modified technique for reconstruction after pancreaticoduodenectomy. Journal Surg Oncology 88:52-54, 2004.

With M. A. C. Machado, P. Herman, A. L. Montagnini & K. Nishinari . A new test to avoid arterial complications during pancreaticoduodenectomy. Hepato-Gastroenterology, 60:1671-1673, 2004.

With S. Penteado, J. E. M. Cunha, J. Jukemura, A. L. Montagnini & A. T. Bacchella. Alternative treatment for gallbladder stones in portal venous thrombosis. Hepato-Gastroenterology 50:1223-1224, 2003.

With M. A. C. Machado & P. Herman. A standardized technique for right segmental liver resections. Arch Surgical 138: 918-920, 2003.

With J. E. M. Cunha, P. Herman, S. Penteado, F. Maluf Filho, J. Jukemura & E. E. Abdo. A new biliary access technique for the long-term endoscopic management of intrahepatic stones. Journal of Hepato-Biliary-Pancreatic Surgery 9(2):261-264, 2002.

With M. A. C. Machado, P. Herman, A. L. Montagnini & M. L. V. Costa. Modified technique for esophagojejunostomy after total gastrectomy. Journal of Surgical Oncology 30:1-3, 2001.

With J. E. M. Cunha, S. Penteado, J. Jukemura, P. Herman & T. Bacchella. A new technique of gastroenterostomy for palliative treatment of pancreatic head carcinoma. Hepato-Gastroenterology 47:1741-1743, 2000.

With J. E. M. Cunha, S. Penteado, J. Jukemura, P. Herman & M. A. C. Machado. Nova técnica de anastomose gastrojejunal no tratamento paliativo do câncer da cabeça do pâncreas. Revista do Colégio Brasileiro de Cirurgias 26(4):215-218, 1999.

With S. Penteado, A. L. Montagnini & M. A. C. Machado. An alternative technique in the treatment of celiac axis stenosis diagnosed during pancreaticoduodenectomy. Hpb Surgery 10: 371-373, 1998.

With M. A. C. Machado & J. R. M. Rocha. An alternative technique for open laparoscopy. Revista do Hospital das Clínicas 53(4):174-175, 1998.

Introdução de um novo marcador laboratorial para câncer de pâncreas. Experiencia atual. Rev. Paul. Medicina 104(2):99-101, 1994

With J E M Cunha, T. Bacchella, S. Penteado & H W Pinotti. Nova técnica de derivação colangiodigestiva intra-hepática no lobo direito do fígado. Revista do Hospital das Clínicas 47: 163-166, 1992.

With J. Jukemura, J E M Cunha, T. Bacchella & H.W. Pinotti. Technique for emergency laparotomy in patients with chronic pulmonary diseases and large incisional hernias. Arquivos Brasileiros de Cirurgia Digestiva 2:85-87, 1987.

With E. E. Abdo, J E M Cunha, T. Bacchella & H.W. Pinotti. Biliary stricture: A new method of repair. Arquivos Brasileiros de Cirurgia Digestiva 1: 90-94, 1986.

With J E M Cunha & A. A Raia. New technique of pancreaticojejunal anastomosis after partial pancreaticoduodenectomy. American Journal of Surgery 139:451-453, 1984.

With J. Faintuch. Nutrição enteral através de sondas naso-jejunais. Apresentação de uma nova sonda feita de borracha de silicone. Rev.Hosp. Clín. 36(4):158-61, 1981

With J.E. Monteiro, T. Bacchella & A. Raia. A modified technique for the reconstruction of the alimentary tract after pancreatoduodenectomy. Surg. Gynecol. Obst. 143:271, 1976.

With Y. Gonzalez, R.G. Bevilacqua, T. Bacchella, J.E.M. Cunha & N.F. Margarido. Método de análise da composição hidroelétrica da pele e músculo esquelético. Rev. Hosp. Cínicas 2:116-22, 1976

With E.L. Gonçalves, Y. Gonzalez, R.G. Bevilacqua, A.C. Neto & E.S. Bastos. Método potenciométrico de dosagem de cloreto em materiais biológicos. Rev. Assoc. Med. Bras. 13(2):59-66, 1967 & 13(8):267-70, 1967

Marcos Moshinsky

April 7, 2024

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

Marcos Moshinsky Borodiansky, Ukrainian-born Jewish Mexican physicist (Kiev 20 April 1921 – Ciudad de Mexico 01 April 2009)

Authored over 300 papers and 5 books (about 5000 citations)

ACHIEVEMENTS

Discovered the diffraction in time (1952)

Introduced the concept of transformation parenthesis or brackets for functions of harmonic oscillation (1959)

With T.A. Brody prepared the tables of transformation brackets

With V. Bargmann introduced the systematic use of harmonic oscillators to solve problems in physics (1960-1)

With P. Kramer introduced states of permutation symmetry (1966-8)

Invented Dirac oscillator

HONORS

Houssay Prize, OAS (1990)

UNESCO Prize for Scientific Research (1997)

Eugene Wigner Medal (1998)

Weizmann Award, Weizmann Institute (2003)

Doctor Honoris Causa, Goethe University, Frankfurt, Germany (2000)

EPONYMY

Moshinsky parenthesis or brackets

Gelfand-Moshinsky bases

Dirac-Moshinsky oscillator

Bargmann-Moshinsky operator

Bargmann-Moshinsky space

Talmi-Moshinsky transformation

Talmi-Moshinsky rule

Quesne-Moshinsky transforms

Nagel-Moshinsky operators

Moshinsky-Smirnov coefficients

LINKS (Curriculum Vitae)

<https://docs.google.com/viewer?>

[a=v&q=cache:Cl4ORymrmScJ:www.colegionacional.org.mx/SACSCMS/XStatic/colegionacional/docs/espanol/moshinsky.pdf+moshinsky+algebras&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjDmR7trR1oEkIMxi2y37bX-xfNt7kQJCCxkKAFuXRvm1T1BAoKCFFo2T87zpau_o4c5seVaTycdqkmgSRk9bxyjUbNLn-zQW2XcJindweAf8X7e5QXbyo36MuO9hNCcJK40re&sig=AHIEtbR0H8SnvPst5BFo5iRWFm73XVd7bQSee https://docs.google.com/viewer?](https://docs.google.com/viewer?a=v&q=cache:Cl4ORymrmScJ:www.colegionacional.org.mx/SACSCMS/XStatic/colegionacional/docs/espanol/moshinsky.pdf+moshinsky+algebras&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjDmR7trR1oEkIMxi2y37bX-xfNt7kQJCCxkKAFuXRvm1T1BAoKCFFo2T87zpau_o4c5seVaTycdqkmgSRk9bxyjUbNLn-zQW2XcJindweAf8X7e5QXbyo36MuO9hNCcJK40re&sig=AHIEtbR0H8SnvPst5BFo5iRWFm73XVd7bQSee https://docs.google.com/viewer?)

[a=v&q=cache:Cl4ORymrmScJ:www.colegionacional.org.mx/SACSCMS/XStatic/colegionacional/docs/espanol/moshinsky.pdf+moshinsky+algebras&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjDmR7trR1oEkIMxi2y37bX-xfNt7kQJCCxkKAFuXRvm1T1BAoKCFFo2T87zpau_o4c5seVaTycdqkmgSRk9bxyjUbNLn-zQW2XcJindweAf8X7e5QXbyo36MuO9hNCcJK40re&sig=AHIEtbR0H8SnvPst5BFo5iRWFm73XVd7bQ](https://docs.google.com/viewer?a=v&q=cache:Cl4ORymrmScJ:www.colegionacional.org.mx/SACSCMS/XStatic/colegionacional/docs/espanol/moshinsky.pdf+moshinsky+algebras&hl=pt-BR&gl=br&pid=bl&srcid=ADGEESjDmR7trR1oEkIMxi2y37bX-xfNt7kQJCCxkKAFuXRvm1T1BAoKCFFo2T87zpau_o4c5seVaTycdqkmgSRk9bxyjUbNLn-zQW2XcJindweAf8X7e5QXbyo36MuO9hNCcJK40re&sig=AHIEtbR0H8SnvPst5BFo5iRWFm73XVd7bQ)

Marcos Rafael Lamothe-Argumedo

March 6, 2024

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

Marcos Rafael Lamothe-Argumedo, Mexican helminthologist and parasitologist (Ciudad de Mexico 25 April 1932 – Ciudad de Mexico 17 December 2013)

Authored over 130 papers, 26 book chapters and 4 books

DESCRIBED NEW TAXA (Monogenea, Digenea and Trematoda)

Subfamilies

2

Genera

Bravocotyle 1968

Caballeroiella 1977

Caballerocythus 2005 with Falcon Ordaz, Garcia Prieto & Fernandez

Caluromytrema 1989

Campechetrema 1997 with Salgado Maldonado & Pineda López

Mamaevicotyle 1984

Margotrema 1972

Mexicotrema 1969

Paradawesia 1976 with Bravo-Hollis

Pelaezia 1986 with Ponciano Rodríguez

Polycryptocylis 1973

Polymicrocotyle 1967

Pseudocaenicola 1993 with Salgado Maldonado & Pineda López

Riojatrema 1964

Stunkardiella 1986 with Ponciano

Tabascotrema 1990 with Pineda López

Winteria 1971

Species

41 (until 2008)

HONORS

Lamotheoxyuris Falcón Ordaz, Fernandez & García Prieto 2010 (Nematoda)

Margot Guerra Sommer

February 29, 2024

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

Margot Guerra-Sommer, Brazilian palaeobotanist (Bento Gonçalves, Rio Grande do Sul State 12 March 1948 –

First to describe dynamics of white rot fungal decay in a petrified conifer branch

With A.C.S. Santos, I. Degani-Schmidt, A.M. Siegloch, I.S. Carvalho, J.G. Mendonça Filho & J.O. Mendonça. Fungus-plant interactions in Aptian Tropical Equatorial Hot arid belt: white rot in araucarian wood from Crato fossil Lagerstätte (Araripe Basin, Brazil). Cret. Res. 114, 2020

DESCRIBED FOSSIL PLANTAE TAXA

Genera

Coricladus 2005 with Jasper e Ricardi-Branco

Franscinella 2025 with Carniere, Pozzebon-Silva, Spiekermann, Leandro, Uhl & Jasper

Iratinia 2021 with Spiekermann, Jasper, Siegloch & Uhl

Sommerxylon Pires & Guerra Sommer 2004

Species

Agathoxylon santanensis 2021 with Santos, Siegloch, Degani-Schmidt & Carvalho

Barakaroxylon brasiliense 1976

Buriadia isophylla 1982 with Bortoluzzi

Coricladus quiteriensis 2005 with Jasper e Ricardi-Branco

Glossopteris brasiliensis 1992

Glossopteris pubescens 1992

Glossopteris riograndensis 1992

Glossopteris similisintermittens 1992

Hepaticites iporangae 2011 with Ricardi-Branco, Faria & Jasper

Iratinia australis 2021 with Spiekermann, Jasper, Siegloch & Uhl

Lycopodites riograndensis 2008 with Salvi, Jasper, Ricardi-Branco & Bernardes de Oliveira

Noeggerathiopsis brasiliensis 2019

Nothostigma sepeensis 2023 with Spiekerman, Jasper, Pozzebon-Silva, Carniere, Benicio & Uhl

Paulistoxylon iratiensis 1977

Petalopitys bortoluzzii 1975

Polysolenoxylon bageense 1973,

Polysolenoxylon resiniferum 1974,

Scleromedulloxylon batoviense 1976

Sommerxylon spiralosus 2004 with Pires

HONORS

Sommerxylon Pires & Guerra Sommer 2004 (Fossil Plantae)

Marguerite Henrici

February 29, 2024

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

Marguerite Gertrude Anna Henrici, Swiss-born South African plant physiologist (Basle 22 February 1892 – Bloemfontein 28 July 1971)

SOME BIBLIOGRAPHY

Transpiration of grasses and other plants in arid conditions (1926)

The chlorophyll-content of grasses in Bechuanaland (1926)

Preliminary report upon the occurrence of hydrocyanic acid in the grasses of Bechuanaland (1927)

Physiological plant studies in South Africa. Part II. Transpiration of grasses and other plants under arid conditions. Dept. Agric. Union S. Africa (1927)

Structure of the cortex of grass roots in the more arid regions of South Africa. Sci. Bull. Dept. Agric. Union S. Africa 85:3-12, 1929

Mineral and feeding stuff analyses of grasses of the Eastern Transvaal Highveld. 16th Report, Veter. Sci. Anim. Industry, Union of South Africa (1930)

South African pastures: their mineral and protein content. Farming South Africa 7:245-8, 1932

Fodder plants of the Broken Veld (Fauersmith District). Their chemical composition, palatability and carrying capacity. Sci. Bull. Union S. Afr. Dpt. Agric. 11:2, 1935

Germination of Karoo bush species (1935)

Digestion experiments with fresh Karoo plants. S. Afr. J.Sci. 41:213-7, 1945

Transpiration of South African plant associations. Sci. Bull. Dept. Agric. Forestry U. South Africa (1946)

Effect of excessive water loss and wilting on the life of plants with special reference to Karoo and Lucerne plants (1946)

Wilting and osmotic phenomena of grasses and other plants in Bechuanaland

With G. Senn. Chromatophoren und kohlen saure assimilation nicht-grüner Gebapflanzen. Ber. Schweiz. Bot. Ges.

HONORS

Neohenricia Bolus 1938 (Aizoaceae)

Maria Auxiliadora Coelho Kaplan

March 2, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Maria Auxiliadora Coelho Kaplan, Brazilian plant chemist (Matipó, Minas Gerais State 23 May 1931 –

NEW COMPOUNDS

With J.H. Hariwake & O.R. Gottlieb. Novos alcalóides de *Ocotea caesia* (1987)

Alkaloid alexaflorine (1990) com O.R. Gottlieb & A.C.S. Pereira

Uliginosum A (1991) with L.M. Rocha, L.A. Teixeira & L.C. Benchetrit

Furacoumarin (1992) with C.T. Villela & D. Lopes

Obeluctoside, a glycosylated phenylpropanol (1992) with C.G. Leitão & F. Delle Monache

Moretenolactone, a beta-lactone from *Ficus insipida* (1993) with C.T. Villela & D. Lopes

Isoldoldine, a benzyloquinolinic alkaloid from *Nectandra membranosa* (1994) with C.S. Rosa

Poriferasterol, steroid from *Alexa grandiflora* (1994) with S.S.S. Sampaio & A.C.S. Pereira

Obtained the first naturally occurring polyhydroxylated pyrrolizidine carboxylic acid

With A.C.S. Pereira, J.G.S. Maia, O.R. Gottlieb, R.J. Nash, G. Fleet, L. Pearse, D.F. Watkin & A.M. Scofield. Isolation of 7a-epialexaflorine from leaves of *Alexa grandiflora*, an unique pyrrolizidine amino acid with carboxylic acid substituent at C3. *Tetrahedron* 47(290):5637-40, 1991

Chamaedrydiol, an ursane triterpene (1998) with F.S. Menezes, A.S. Borsatto, N.A. Pereira & F.J.A. Mattos

Licanolide, a triterpene lactone from *Licania tomentosa* (2005) with R. Castilho & R. de Oliveira

With M.G. Carvalho, L.R. Suzart & L.C. Cavatti. New flavonoids and other constituents from *Ouratea hexasperma* (Ochnaceae). *J. Braz. Chem. Soc.* 19:1423-8, 2008

METHODS

With R.R.P. Machado, E.S. Lima Filho, R.C. Dutra et al. Metabolic activity interferometer: a powerful tool for testing antibiotics. *J. Sensors* (2012)

With T.G. Ribeiro, J.R. Franca, A.M. Marques, A.A.G. Faraco & R.O. Castilho. Desenvolvimento e validação de método analítico espectrofotométrico para quantificação de nerolidol e um dispositivo polimérico de liberação prolongada, após derivatização com vanilina. *Ecletica Química* 37:61-7, 2012

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With L.M. Rocha. Metodología sistemática para pesquisa de hypericina em plantas. *Trib. Farm.* 57-59 (1-3): 21-2, 1991

Marcha sistemática para isolamento de lignóides de Annonaceae (1988)

With O.R. Gottlieb. RNS (Replacement-Nodal-Subtractive) nomenclature and codes of chemical compounds. *J. Chem. Inform. Comp. Sci.* 26:1-3, 1986

With H. Póvoa Filho & N.O.C. Pereira. Método simples para a determinação de triglicerídeos séricos. *O Hospital* 72(5):1573-6, 1967

PATENTS

With A.M. Marques, R.O. Castilho, T.G. Ribeiro, J.R. Franca & A.A.G. Faraco. Composição farmacêutica leishmanicida contendo óleo essencial de *Piper clausenianum* (2011)

With M.R.L. Moura & C.E. Fingolo. Farinha nutritiva; processo de produção da farinha nutritiva e seus usos. PI0905055-8 A2 (2009)

With E.C. Rosas, M.R. Figueiredo, C.P. Monteiro, A.P. Heringer, R.R. Oliveira & S.C.C. Machado. Fitomedicamento obtido a partir de *Schinus terebinthifolius* Raddi. PI0705252-9 A2 (2007)

With F.C. Amendoeira, H.C.C. Faria Neto, P.T. Bozza, V.S. Frutuoso, L.M. Cheidier & M.R. Figueiredo. Extratos de nidularium e composições medicamentosas baseadas nesses extratos. PI0203539-1 (2002)

With C.R. Gattass, G.G. Rocha, M. Simões & R.R. Oliveira. Composição inibidora da atividade da proteína mrp1, método de inibição da atividade da proteína mrp1, método de tratamento de desordens proliferativas e método de tratamento de tumores PI1004299-7 A2 (2001)

With C.R. Gattass, V.M.D. Rumjanek, J. Fernandes & R.O. Castilho. Pomolic acid, its isomers, derivatives and their uses, pharmaceutical composition, method to prepare pharmaceutical composition and method for treating multidrug resistance tumour derivatives PI0204060-3 B1(1984) EP1549330 B1 (2002) WO2004030682 A1 (2002)

HONOURS

Full Member, Joint Committee of Biochemical Nomenclature, IUPAC (1992)

Emeritus Member, Commission on Nomenclature of Organic Chemistry, IUPAC (1998)

Kaplanine, a c-glycosylflavone from *Piper lhotzkianum* (2000)

Maria del Socorro Gonzalez

August 20, 2024

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

Maria del Socorro Gonzalez Elizondo, Mexican botanist and ecologist (Bustamante, Nuevo León 17 August 1953 –

DESCRIBED PLANTAE TAXA

Genus

Megacorax 2002 with Wagner

Species

Agave pintilla 2011 with M. Gonzalez & Resendiz

Arbutus concolor 2012 with M. Gonzalez & Sorensen

Arbutus madrensis 1992

Aristolochia albopilosa 2016 with M. Gonzalez & Barrie

Astragalus spellenbergi 2016 with Estrada & Villarreal

Carex angustilepis 2021 with Reznicek

Carex angustipica 2001 with Reznicek

Carex cabralii 2021 with Reznicek

Carex complexa 2021 with Reznicek

Carex congestiflora 1999 with Reznicek

Carex dentata 2021 with Reznicek

Carex durangensis 1995 with Reznicek

Carex evadens 1997 with Reznicek

Carex gypsophila 2021 with Reznicek

Carex longiligula 2001 with Reznicek

Carex mesophila 2021 with Reznicek

Carex michoacana 2007 with Hipp & Reznicek

Carex paneroi 2021 with Reznicek

Carex pinophila 1997 with Reznicek

Carex planilamina 2021 with Reznicek

Carex queretarensis 1997 with Reznicek

Carex revoluta 2021 with Reznicek

Carex rzedowskii 1995 with Reznicek

Carex setigluma 1995 with Reznicek

Carex tehuacana 2021 with Reznicek

Carex tenejapensis 1999 with Reznicek

Carex vizarronensis 2012 with Gomez-Sanchez, Cabrera Luna & Reznicek

Cyperus calderonii 1985

Eleocharis alveolataoides 1996 with Reznicek

Eleocharis arsenifera 2005 with Tena & Alarcón

Eleocharis atrobrunnea 2012 with Trevis

Eleocharis atrospiculata 1996 with Reznicek

Eleocharis ayacuchensis 1996 with Reznicek

Eleocharis canindeyuensis 2003 with Mereles

Eleocharis cordillerana 2008 with Guaglianone & Ruthsatz

Eleocharis cryptica 2010 with Saarela, Peterson & Rosen

Eleocharis cuatrecasasii 2008 with Peterson

Eleocharis eglerioides 1996 with Reznicek

Eleocharis fassettii 2008 with Peterson

Eleocharis ignota 2005 with Reznicek

Eleocharis liesneri 1996 with Reznicek

Eleocharis moorei 2000 with Strong

Eleocharis moraosejoana 2008 with Ulloa & Peterson

Eleocharis pseudoalbibracteata 2009 with Guaglianone

Eleocharis reznicekii 2007 with Rosen, Carter & Peterson

Eleocharis rzedowskii 1985

Eleocharis steyermarkii 1996 with Reznicek

Eleocharis svensoniana 1985

Eleocharis tenarum 2009 with M. Gonzalez

Heliopsis suffuticosa 2011 with Ram-Noya

Megacorax graciellanus 2002 with Wagner

Viguiera inegii 2000 with M. Gonzalez & Rzedowski

Viguiera oligantha 2000 with M. Gonzalez & Rzedowski

HONORS

Gonzalezia Schilling & Panero 2011 (Asteraceae)

María Elena Galiano

February 29, 2024

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

María Elena Galiano, Argentine arachnologist (Buenos Aires 25 February 1928 – Buenos Aires 30 October 2000)

DESCRIBED ARACHNIDA GENERA

Admesturius 1988

Ailluticus 1987

Corcovetella 1975

Hisukattus 1987

Kalcerrytus 2000

Nycerella 1982

Simonurius 1988

Sumampattus 1983

Trydarssus 1995

Udalmella 1994

Uspachus 1995

Wedoquella 1984

Yacuitella 1999

Yepoella 1970

Species

159

HONORS (Arachnida)

Galianora Maddison 2006

Galianoella Goloboff 2000

Malenella Ramírez 1995

Maria Ema Mulgura

April 7, 2024

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

Maria Ema Mulgura, Argentine botanist (1943 –

DESCRIBED PLANTAE TAXA

Species

Atriplex nitrophiloides 1984

Atriplex quixadensis 1993 with Del Vitto & Petenatti

Atriplex soriano 1979

Lippia ganevii 2015 with Salimena

Oxalis morronei 2011 with A. López

Tragia giardellii 1986 with Gutierrez de Sanguinetti

Others

Atriplex cordobensis subsp. *grandibracteata* 1981

Section *Dentium* 2008 with Peralta

Oxalis sellowiana var. *alba* 1973

HONORS

Mulguraea O'Leary & Peralta 2009 (Verbenaceae)

Maria Helena Galileo

February 29, 2024

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

Maria Helena Mainieri Galileo, Brazilian entomologist (1950 –

Described at least 155 genera in Coleoptera (until 2019)

HONOURS

Galileoana Chemsak 1998 (Coleoptera)

Maria Koepcke

March 2, 2024

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

Marie Emilie Anna Von Mikulicz-Radecki Koepcke, German / Peruvian ornithologist (Leipzig 15 May 1924 – Peruvian Amazon 24 December 1971)

DESCRIBED VALID AVES TAXA

Genus

Zaratornis 1954

Species

Asthenes cactorum 1959

Synallaxis zimmeri 1957

Zaratornis stresemanni 1954

Subspecies

Asthenes cactorum cactorum 1959

Asthenes cactorum lachayensis 1965

Asthenes cactorum monticola 1965

Asthenes pudibunda grisior 1961

Columbina buckleyi dorsti 1962

Cranioleuca baroni zaratensis 1961

Geositta cunicularia georgei 1965

Hemispingus melanotis macrophrys 1961

Leptasthenura pileata latistriata 1965

Nothoprocta pentlandii niethammeri 1968

Phrygilus alaudinus humboldti 1963

Tiaris obscurus pacificus 1963

Zonotricha capensis illescasensis 1963

Zonotricha capensis markli 1971

Marinus Hoogmoed

February 29, 2024

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

Marinus Steven Hoogmoed, Dutch-born Brazilian herpetologist (Rotterdam 19 March 1942 –

DESCRIBED VALID TAXA

Amphibia

Genus

Adelophryne 1984 with Lescure

Species

Adelophryne adiastrata 1984 with Lescure

Adelophryne baturitensis 1994 with Borges & Cascon

Adelophryne gutturosa 1984 with Lescure

Adelophryne maranguapensis 1994 with Borges & Cascon

Adelophryne nordestina 2021 with Lourenço de Moraes, Lisboa, Drummond, Moura et al.

Adelophryne pachydactyla 1994 with Borges & Cascon

Barbarophryne brongersmai 1972

Boana roraima 1992 with Duellman

Bolitoglossa caldwella 2013 with Brcko & Neckel Oliveira

Bolitoglossa madeira 2013 with Brcko & Neckel Oliveira

Bolitoglossa tapajonica 2013 with Brcko & Neckel Oliveira

Brasilotyphlus guarantanus 2009 with Maciel & Mott

Caecilia museugoeldii 2018 with Maciel

Microcaecilia grandis 2010 with Wilkinson & Nussbaum

Microcaecilia marvaleewakeae 2013 with Maciel

Microcaecilia rochai 2011 with Maciel

Microcaecilia taylori 1979 with Nussbaum

Microcaecilia trombetas 2011 with Maciel

Osornophryne antisana 1987

Osornophryne quacamayo 1987

Pristimantis chiastonotus 1977 with Lynch

Pristimantis gutturalis 1977 with Lynch & Lescure

Pristimantis zeuctotylus 1977 with Lynch

Rhaebo colomai 1985

Rhaebo olallai 1985

Rhinatrema gilbertogili 2018 with Maciel, Sampaio & Schneider

Rhinatrema nigrum 2018 with Maciel, Sampaio & Schneider

Rhinatrema uaiuai 2018 with Maciel, Sampaio & Schneider

Stefania riae 1984 with Duellman

Stefania roraimae 1984 with Duellman

Tepuihyla warreni 1992 with Duellman

Trachycephalus hadrocephalus 1992 with Duellman

Reptilia

Genus

Rondonops 2015 with Colli, Cannatella, Cassimiro, Gomes et al.

Species

Amphisbaena cunhai 1991 with Avila Pires

Amphisbaena myersi 1988

Atractus natans 2003 with Prudente

Bachia guianensis 1977 with Dixon

Gymnophthalmus cryptus 1992 with Cole & Ayarzagüena

Habrophallos collaris 1977

Mesobaena rhachicephala 2009 with Pinto, da Rocha & Pereira

Pseudogonatodes gasconi 2000 with Avila Pires

Pseudogonatodes manessi 2000 with Avila Pires

Rondonops bisculatus 2015 with Colli, Cannatella, Cassimiro, Gomes et al.

Rondonops xanthomystax 2015 with Colli, Cannatella, Cassimiro, Gomes et al.

Thamnodynastes silvai 2011 with Trevine, Caicedo-Portilla, Thomas, Franco et al.

Trachylepis paucisquamis 1978

Trachylepis rodenburgi 1974

HONORS

Marinussaurus Peloso, Pellegrino, Rodrigues & Avila-Pires 2011 (Reptilia)

Mario Alfredo Hunicken

February 29, 2024

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

Mario Alfredo Hunicken, Argentine geologist and paleontologist (Chilecito, La Rioja Province 30 April 1926 – Cordoba 10 April 2013)

DESCRIBED FOSSIL TAXA

ARACHNIDA

Genera

Gondwanarachne 1980 with Pinto

Species

Gondwanarachne argentinensis 1980 with Pinto

CONODONTA

Species & Subspecies

Baltoniodus crassulus andinus 1994 with Rao & Ortega

Trapezognathus argentinensis 1994 with Rao & Ortega

EURYPTERIDEA

Genus

Megarachne 1980

Species

Megarachne servinei 1980

MOLLUSCA

Species

Baculites duharti 1975

Baculites rioturbioensis 1965

Diplomoceras australe 1965

Fyfea beui 1994 with Griffin

Heteroterma elegans 1994 with Griffin

Priscaphander bracaccini 1994 with Griffin

Priscaphander sanjosensis 1994 with Griffin

Pseudofax costellatus 1994 with Griffin

Roudaireia pampaensis 1970 with Leanza

Taioma patagonica 1994 with Griffin

PLANTAE

Genera

Sanluisia 1995 with Cesari & Gutierrez

Velizia 1992 with Cesari

Species

Acrodiclidium flavianum 1967

Cupania patagonica 1966

Cupania santacruzensis 1966

Eugenia rioturbioensis 1967

Myrica hunzikeri 1967

Ocotea menendezii 1967

Piperites molinae 1967

Psidium licciardoi 1967

Qualea patagonica 1967

Sanluisia casasii 1995 with Cesari & Gutierrez

Typha kurtzii 1995

Velizia inconstans 1992 with Cesari

Ziziphus santaflavensis

HONORS

Hunickenolithus Baldis & Pothe de Baldis 1995 (Trilobita)

Mario Gaitán Yanguas

February 29, 2024

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

Mario Gaitán Yanguas, Colombian radiologist and oncologist (Neiva 28 June 1919 – Bogotá July 1982)

Developed new techniques for radiological epilation of scalp

SOME BIBLIOGRAPHY

A study of the response to osteogenic sarcoma and adjacent normal tissues to radiation. *Int. J. Radiat. Oncol. Biol. Phys.* 7:593-5, 1981

With M. Iregui, F. Espinel & G. Velasquez. La bleomicina en el tratamiento de carcinomas escamosos. *Rev. Latinoam. Oncol. Clin.* 13(3):14-20, 1981

Retinoblastoma: analysis of 235 cases. *Int. J. Radiat. Oncol. Biol. Phys.* 4:359-65, 1978

With K. Tsukamoto. A system for registration and classification of stomach cancer for WHO International Reference Center. *Jpn. J. Clin. Oncol.* 12:117-28, 1975

With M.J. Palaue & A. Duarte Contreras. Cancero f the vulva. A propos of 181 case histories at the Instituto Nacional de Cancerología. *Rev. Colomb. Obst. Ginecol.* 21(3):233-48, 1970

With G. Gómez. Life span of the erythrocyte in Bogotá: studies with radioactive chromium. *Dia Med.* 31:1146-54, 1959

Radiation dosage received by gonads during routine radiological examination. *TID Rep.* 7572:141-59, 1959

Análisis de 253 casos de enfermedad de Hodgkin. *Universitas Med.* 3(12):537-82, 1958

Sarcoma primitivo del bazo: studio de dos casos de linfosarcoma. *Rev. Col. Cancerol.* 3:3-20, 1955

With A. Asmar. Tumores de las glándulas salivares (1948)

Un caso de angioma oseó

Mario Gonzalez Ulloa

February 29, 2024

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

Mario Gonzalez Ulloa, Mexican plastic surgeon (Chihuahua 21 March 1913 – 05 March 1995)

ACHIEVEMENTS

Refined the placement of a silastic pancake prosthesis for gluteal reconstruction as a cosmetic procedure with a subcutaneous pocket using implants (1977-9)

Presented a new transoccipital incision that permits peripheral antigravitational pull of all segments of the face (1972)

Introduced the concept of profile-plasty (1964)

Described and named the zero-degree facial meridian or Frankfurt-Gonzalez Ulloa facial angle (1962)

Developed an innovative facelift incision which neatly circumscribed the entire scalp (1962)

With Regnault first described the idea of treating hypoplastic and ptotic breasts with a combined implant and lift (1960s)

Developed a technique of circular abdominoplasty (1960)

One of the first to describe malar augmentation with alloplastic implants (1957)

Suggested that burn scar could be replaced with flaps or grafts that surface entire regions whose limits extend to natural borders (1956)

Described the aesthetic units and subunits of the face delineating lines of demarcation (1954)

Coined the terms belt lipectomy (1960) and sad buttocks syndrome (1977)

A technique for correction of prognathism in Artroplastia temporo-mandibular en el tratamiento del prognatismo. Cir. Ciruj. 19(9):445-66, 1951

SOME BIBLIOGRAPHY/OTHER CONTRIBUTIONS

The callous elbow and aging of the upper arm. Aesthetic Plast. Surg. 14(1):53-7, 1990

The fast nose. Aesthetic Plast. Surg. 8(3):135-40, 1984

An update on blepharoplasty. Aesthetic Plast. Surg. 7(1):1-11, 1983

Punch rhinoplasty: a complement to rhytidectomy. Aesthetic Plast. Surg. 2(1):291-4, 1978

An articulated acrylic prosthetic structure for the repair of flat nose. J. Int. Coll. Surg. 27(3):359-64, 1957

Late results in the treatment of prognathism by double condylectomy: with an account of our contribution to the technic and report on a first group of patients operated five years ago. Plast. Reconstr. Surg. 18(1):50-64, 1956

With A. Castillo, E. Stevens & G.A. Fuentes. Selective method of flaps and grafts for total repair of skin of the face. Rev. Bras. Cir. 29(5):449-66, 1955

An easy method to correct prominent ears. Brit. J. Plast. Surg. 4:207-9, 1951

A new device for easier skin structure suturing. Plast. Reconstr. Surg. 3(1):92-4, 1948

A tool to facilitate suturing the skin. Rev. Bras. Cir. 16(12):781, 1947

Un nuevo aparato para fracturas nasales. Rev. Bras. Cir. 11:215-8, 1942

EPONYMY

Gonzalez Ulloa-Stevens method for determination of the depth degree of burns

Gonzalez Ulloa procedure for ptotic chin

Gonzalez Ulloa technique, a technique using the sub-gluteal incision/suture with an anterior approach for antihelix reconstruction (1952)

Gonzalez Ulloa scrotoplasty

Mario Luxoro

March 6, 2024

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

Mario Fernando Luxoro Mariani, See <https://www.amigosdelaastronomia.org/storage/magazines/RA099.pdf>. Chilean biophysicist and physiologist (Santiago 01 February 1926 – Santiago 26 December 2016)

From Italian descent

Some of the most relevant papers in the literature about membrane excitability were produced in his lab

Provided the first demonstration that proteins rather than lipids are involved in the flux of ions across the nerve plasma membrane, participating in the generation of the action potential

With Eduardo Rojas. Microinjection of trypsin into axons of squid. *Nature* 199:78-9, 1963

Recognized the dynamic state of intracellular calcium

With S. Riseti. Calcium efflux in giant axons. *Biochem. Biophys. Acta* 135:368-70, 1967

With E. Yañez. Permeability of the giant axon of *Dosidicus gigas* to calcium ions. *J. Gen. Physiol.* 51 (part.2): 115-22, 1968

With E. Rojas proposed a model that allowed the calculation of the intracellular calcium concentration, the kinetic constants for calcium binding and release, and its membrane permeability

Other relevant papers

Observations in myelin structure: incisures and nodal regions. *Proc. Natl. Acad. Sci. USA* 44:152-6, 1958

Incorporation of aminoacids labeled with carbon-14 in nerve proteins during activity and recovery. *Nature* 188:119-20, 1960

With I. Tasaki. Intracellular perfusion of Chilean giant squid axons. *Science* 145:1313-5, 1964

With I. Tasaki & R. Ruarte. Electrophysiological studies of Chilean squid axons under internal perfusion with sodium-rich media. *Science* 150:899-901, 1965

Mario Molina

April 7, 2024

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

Mario José Molina Pasquel y Henríquez, Mexican chemical engineer (Ciudad de Mexico 19 March 1943 – Ciudad de Mexico 07 October 2020)

Developed the CFC ozone depletion theory

With F. Sherwood Rowland. Stratospheric sink for chlorofluoromethanes: chlorine-atom catalysed destruction of ozone. *Nature* 249:810-2, 1974

Showed that chlorine-activation reactions take place very efficiently in the presence of ice under polar stratospheric conditions

Proposed and demonstrated that chlorine peroxide (produced by decomposition of CFCs) would act as an ongoing catalyst for the destruction of ozone in the polar stratosphere

With L.T. Molina. Production of chlorine oxide (Cl_2O_2) from the self-reaction of the chlorine oxide (ClO) radical. *J. Phys. Chem.* 91(2):433-6, 1987

With A.K. Bertram, T. Koop & T.L. Molina demonstrated ice nucleation by common water-soluble inorganic aerosol types (1999-2001)

With R. Zhang, I. Suh, J. Zhao, D. Zhang, E.C. Fortner, X.X. Tie & L.T. Molina. Atmospheric new particle formation enhanced by organic acids. *Science* 304(5676):1487-90, 2004

With F. Zhang, Y. Wang, J.F. Peng, L. Chen et al. An unexpected catalyst dominates formation and radiative forcing of regional haze. *Proceed. Nat. Acad. Sciences USA* 117(8):3960-6, 2020

Developed novel optical and spectroscopic techniques

With S.T. Martin, D. Salcedo & L.T. Molina. Phase transformation of micron-sized $\text{H}_2\text{SO}_4/\text{H}_2\text{O}$ particles studied by infrared spectroscopy. *J. Phys. Chem. B* 101(27):5307-13, 1997

With T. Koop, H.P. Ng & L.T. Molina. A new optical technique to study aerosol phase transitions: the nucleation of ice from H_2SO_4 aerosols. *J. Phys. Chem. A* 102(45):8924-31, 1998

With S. Frey, L.T. Molina & L. Woste. Design and implementation of a compact Raman-LIDAR for ozone and aerosol measurements. *Europ. Space Agency* 1:151-4, 2004

Derived Arrhenius expressions that are widely used in stratospheric chemical modeling

With J.V. Seeley & J.T. Jayne. Kinetic studies of chlorine atom reactions using the turbulent flow tube technique. *J. Phys. Chem. B* 100(10):4019-25, 1996

With J.V. Seeley, R.F. Meads & M.J. Elrod. Temperature and pressure dependence of the rate constant for the $\text{HO}+\text{NO}$ reaction. *J. Phys. Chem. B* 100(10):4026-31, 1996

HONOURS

Chemistry Nobel Prize (1995)

Asteroid 9680 Molina

His uncle, Claudio Alberto Molina Pasquel, Mexican parasitologist and tropical medicine expert (Veracruz 14 July 1905 – Ciudad de Mexico 18 November 1992)

Demonstrated that trench fever is transmitted by the body louse and caused by the bacterium *Rickettsia quintana*

With G. Varela & J.W. Vinson. Trench fever II. Propagation of *Rickettsia quintana* on cell-free medium from the blood of two patients. *Am. J. Trop. Med. Hyg.* 18:708-12, 1969

With J.W. Vinson & G. Varela. Trench fever III. Induction of clinical disease in volunteers inoculated with *Rickettsia quintana* propagated on blood agar. *Am. J. Trop. Med. Hyg.* 18:713-22, 1969

Developed a method for diagnosis of amebiasis

With J.F. Kessel, W.P. Lewis & J.A. Turner. Indirect hemagglutination and complement fixation tests in amebiasis. *Am. J. Trop. Med. Hyg.* 14:560, 1965

Mario Rubens Montenegro

April 7, 2024

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

Mário Rubens Guimarães Montenegro, Brazilian pathologist (10 March 1923 – Botucatu, São Paulo State 11 February 2005)

With K. Iabuki proposed guinea pig as experimental model of paracoccidioidomycosis research

SOME BIBLIOGRAPHY

With J.F. Pontes & L.C. Silva. Considerações sobre o conceito e classificação das cirroses. Rev. Hosp. Clin. 77:29-40, 1956

With F.G. Germuth & C. Flanagan. The relationship between the chemical nature of the antigen, antigen dosage, rate of antibody synthesis and occurrence of arteritis and glomerulonephritis hypersensitivity. Bull. Johns Hopkins Hosp. 10:149-69, 1957

With D.A. Eggert. Topography of atherosclerotic lesions in the coronary arteries. Lab. Inves. 18:586-93, 1968

Anticorpo anti miocárdico na doença de Chagas crônica. Correlação entre a sorologia e a eletrocardiografia. Arq. Bras. Cardiologia 28(5):327-344, 1975

Injeção prostática de solução esclerosante. Estudo experimental no cão. J. Bras. Urol. 2:278-81, 1976

With M.C.F.L. Mauos & C.R.V. Silva. Walker carcinosarcoma: pathology, microscopic and ultrastructural features of the tumoral circulating cells. Cien.Cult. 32:849-57, 1980

With J.L.V. Camargo, R.C. Burini & A.O. Campana. Parietal cell mass in the stomach of malnourished adult rats. Patologia 19:89-98, 1981

With T.S. Peracoli & N.G.S.Mota. Experimental paracoccidioidomycosis in the Syrian hamster: morphology and correlation of lesions with humoral and cell-mediated immunity. Mycopathologia. 79: 7-17, 1982

With E.M. Tani & J.L. Viana de Camargo. Urinary bladder washings in autopsies. A cytopathologic study of 63 cases. Acta Cytol. 27:128-32, 1983

With M.A.M. Rodrigues, J.L.V. Camargo, K.I.R. Coelho et al. Morphometric study of the small intestine in young adult and old rats submitted to protein deficiency and rehabilitation. Gut 26:816-21, 1985

Clinical forms of paracoccidioidomycosis letter to the editor. Rev Inst Med Trop 8:203-204, 1986

With M.F. Franco et al. A proposal for classification of the clinical forms of paracoccidioidomycosis based on its natural history. Mycopathologia 25:5-18, 1987

With M.A.M. Rodrigues, E.A. Bregagnollo & P.J.F. Tucci. Coronary vascular and myocardial lesions due to experimental constriction of abdominal aorta in rat. Intern. J. Cardiol. 35:253-7, 1992

With R.Iwasso et al. Dialysable leucocyte extracts modify the course of experimental paracoccidioidomycosis in the Syrian hamster. Mycopathologia 121:149-156, 1993.

With M.S.P. de Arruda. The hamster cheek pouch: an immunologically privileged site suitable to the study of granulomatous infections. Rev. Inst. Med. Trop. S. Paulo 37:303-9, 1995

With E. Bagagli et al. Isolation of Paracoccidioides brasiliensis from armadillos captured in an endemic area of paracoccidioidomycosis. American J Trop Med Hyg. 58: 505-512, 1998

With J.L.M. Machado, A.R. Macedo, M.D. Silva & C.T. Spadella. Caracterização de um modelo experimental de neuropatia em ratos diabéticos induzidos por aloxana. Acta Cir. Bras. 15(2), 2000

With A.M. Soares, M.T. Rezakallah-Iwasso, S.L. Oliveira et al. Experimental paracoccidioidomycosis in high and low antibody responder mice. Med. Mycol. 38:309-15, 2000

With A.L. Coradazzi & A.L.C.Morganti (2003) Discrepancies between clinical diagnosis and autopsy findings. Braz J Med Biol Res 36:385-391, 2003

With G.M.F.S Mazeto, M.L.C.S. Oliveira, C.R.Padovani et al. Thyroid Cell Proliferation in Graves' Disease: Use of MIB-1 Monoclonal Antibody. 48:57- 63, 2004

With R. S. Hossne & W.S. Hossne. Effects of intraperitoneal injection of phenol, glycerin and acetic acid on the liver of guinea pigs. Acta Cir. Bras. 22(6):436-40, 2007

With R. S. Hossne & W.S. Hossne. Effects of intraperitoneal injection of phenol, glycerin and acetic acid on neoplastic ascitis in guinea pigs. Acta Cir. Bras. 23(6):501-3, 2008

With W.S. Hossne. Irrigação da pequena curvatura gástrica no cão após va? gástrica proximal. Avaliação pela arteriografia pos-morte e período das alterações histopatológicas. HC Rev Hosp Clin Fac Med S.Paulo, 37: 114,

With A.B. Lefevre & A. Djamet. Teratoma intracraniano em crianças. Arq.Neuro-Psiqu.

Mario Sergio Lomba Galvao

February 29, 2024

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

Mário Sérgio Lomba Galvão, Brazilian plastic surgeon (Castelo, Espírito Santo State 194?

DEVELOPED

A rhinoplasty

A new technique for facial rejuvenation

Galvão method of reduction mammaplasty

OTHER METHODS

With R.N. Kolbig. The round-ear incision in full face-lifting. *Aesthetic Plast. Surg.* 32(3):509-16, 2008

With C.E. Pinto & J.C. Sbalchiero. O uso do tubo colônico bipediculado microcirúrgico na reconstrução do esôfago. *Rev. Col. Bras. Cir.* 30(3):238-40, 2003

A postauricular flap based on the contralateral superficial temporal vessels. *Plast. Reconst. Surg.* 68:891, 1981

An instrument and technique for making the nipple-areola complex during reduction mammaplasty. *Brit. J. Plast. Surg.* 31:22, 1978

An improved technique for below knee amputation. *J. Cardiovasc. Surg.* 16:603-8, 1975

Mashooda Hassan

February 29, 2024

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

Mashooda Hassan, Pakistani natural products chemist (British India 17 July 1939 –

Worldwide recognized for her work on the synthesis and bio-synthesis of natural products as well as on structural investigations of the constituents of indigenous medicinal plants

SOME CONTRIBUTIONS

With B.S. Siddiqui, F. Mairaj, I. Mehmood et al. Two new compounds from the aerial parts of *Bergenia himalaica* Boriss. and their anti-hyperglycemic effects in streptozotocin-nicotinamide induced diabetic rats. J. Ethnopharm. (2014)

With F. Malik, K.M. Khan, S. Parveen, G. Snatzke, H. Duddeck & W. Voelter. Synthesis CD Spectral studies of new optically active substituted 1,5-benzodiazepine derivatives. Liebigs Ann. 127-34, 1996

With F. Malik, M.C. Garcia Alvarez & Z. Maqbool. Preparation of new benzimidazoles as potential therapeutic agents. J. Chem. Soc. Pak. 9(4):473-7, 1987

With S. Zulfiqar. Synthesis of new benzimidazoles as potential therapeutic agents. I. Preparation of bis-benzimidazoles. (1986)]

With E.A. Soliman, M.A. Salem & I.S. Sharif. Studies on sulfinatodehalogenation. XXIII. A new sulfinatodehalogenation reagent: thiourea dioxide. J. Chem. Soc. Pak. 6:183, 1984

With S. Siddiqi. A process for the isolation of an alkaloid sewarine and alkaloidal fraction asewarine from *Rhazya stricta*. Pak. J. Sci. Ind. Research 8:73, 1965

Mattos Pimenta family

April 7, 2024

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

Aloysio de Mattos Pimenta, Brazilian neuropsychiatrist (Rio de Janeiro 13 December 1912 – June 1987)

With J.M. de Castro. Avaliação prática do volume de sangue perdido em neurocirurgia. Nova variante técnica para a avaliação visual. Rev. Paul. Med. 47:375-8, 1955

Derivação aracnóide-íleo-vesical com alça intestinal totalmente excluída no tratamento da hidrocefalia. Nota prévia (1956)

Hemopalidotomia – modificação da técnica de Cooper (1959)

With L.H. Mattos Pimenta & M. Okamura described Black/Amazonas River syndrome (1973), an arteriovenous difference between both sides of brain hemisphere

With L.H. Mattos Pimenta & M. Okamura. Carotid fibromuscular dysplasia: crushing therapeutic method. Seara Med. Neurocir. 13(1):23-9, 1984

With M. Okamura. O implante miodural subcortical, novo tratamento da isquemia cerebral. I. Bases teóricas. Seara Med. Neuroc. 14(4):177-86, 1985

Mattos Pimenta leucotomy

HONOURS

President, International Congress of Neurosurgery (1977)

Correspondent Member, American Association of Neurological Surgeons (1969)

Honorary Vice-President, III International Congress of Neurological Surgery, Copenhagen (1965)

His son, Luiz Henrique de Mattos Pimenta, neurosurgeon (30 March 1947 –

Co-developed XLIF (extreme lateral interbody fusion) technique for minimally invasive spine surgery

Developed cervical discal prosthesis (PCM)

HONOURS

President, World Society of Spinal Cord

President, International Society for Advancement of Spinal Cord Surgery (2013-4)

Mauricio Gudin

February 29, 2024

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

Mauricio Gudin, Brazilian surgeon (Rio de Janeiro 13 May 1883 – Rio de Janeiro 14 December 1959)

Distinguished between crushing and lamination and introduced the term lamination (1916)

Performed the first aseptic cholecotomy by lamination with suture (1919)

METHODS

Performed original contributions to improvement of modern methods in surgical asepsis

Invented a method of total sterilization (1929)

Infection Operatoire et Sterilisation Totale. Mem. Acad. Chir. 61:994, 1935

Asepsie Active et Sterilisation totale. Presse Medicale 355, 1936

The Third phase of surgery. Total sterilization as a basis of integral asepsis and of pasteurian cicatrization. Annals of surgery 45:452-56, 1942

Nouveau procede d'enterectomie et d' enteroanastomose aseptique. Paris Medical (16 December 1917)

La chirurgie gastro-intestinale aseptique par notre methode. Paris Medical (29 December 1918)

Nouveau procede d'hystérectomie totale, par section aseptique Du vagin sans drainage vaginal. Paris Medical, 1919

Methode aseptique pour les opérations sur l'estomac et l' intestin. La Presse Medicale (13 March 1919)

Developed a technique for complete separation of urine in each kidney employing olivar catheter

Created Gudin end to end enterorrhaphy and developed end to end anastomosis of intestinal loops

Nouveau procédé de cathétérisme urétérale. Presse Med. (1910)

Nouvelles sondes urétérales à introduction retrograde. Presse Med. (1916)

INVENTIONS

Gudin T-shaped laminator

Gudin angled forceps

Gudin olivar catheter

Gudin yarn carrier

Gudin cholecotomy

Gudin serrated forceps

Gudin écraseur

Gudin surgical table

A guiding device for finding projectiles, metallic prosthesis and other foreign bodies used in many European hospitals (L'extraction des projectiles intrapulmonaires. Congr. Intern. Chir. Paris (1918)

Another new forceps

A total sterilizer (1929)

Mauro Taveira Magalhães

April 7, 2024

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

Mauro Taveira Magalhães, Brazilian plant chemist (Rio de Janeiro 24 May 1929 – 1997)

ACHIEVEMENTS

Identified and isolated the first odoriferous nitroderived compound (1-nitro-2-phenylethane) in essential oils

With O.R. Gottlieb. Occurrence of 1-nitro-2-phenylethane in *Ocotea pretiosa* and *Aniba canelilla*. J. Org. Chem. 24:2070, 1959.

Discovered dalbergiones, a new class of natural products and suggested the name neoflavanoids

With W.B. Eyton, W.D. Ollis, I.O. Sutherland, L.M. Jackman & O.R. Gottlieb. The neoflavanoid group of natural products. I. Dalbergiones: a new group of natural products. Tetrahedron 21(9):2683-96, 1965

With R. Braz Filho, W.B. Eyton & O.R. Gottlieb. A química de leguminosas brasileiras. XII. As apuleínas, flavona-hepta oxigenadas da *Apuleia leiocarpa*. An. Acad. Bras. Cien. 40(1):23-7, 1968

Isolated a new type of natural 6-styryl-2-pyrones from *Aniba parviflora* and showed the natural occurrence of 6-styryl-2-pyrones and reported a general route for their synthesis

With A.M. Bittencourt, O.R. Gottlieb, W.B. Mors, S. Mageswaran, W.D. Ollis & I.O. Sutherland. The natural occurrence of 6-styryl-2-pyrones and their synthesis. Tetrahedron 27(5):1043-8, 1971

With V. da Silva, O.R. Gottlieb, H.E. Gottlieb & M.A. Alvarenga obtained diasin, a novel rearranged labdanic diterpene (1978)

METHODS/TECHNIQUES

Developed a method for volumetric determination of ionic nitrate

With O.R. Gottlieb. Determinação volumétrica do íon nitrato. Bol. Inst. Quim. Agr. 47:7-18, 1956

With M. Koketsu & L.L. Moura. Estimativa de eugenol em oleos essenciais através do reagente de Gibbs. An. Acad. Bras. Ciencias 43 (1971)

APPARATUSES

Developed a Clevenger apparatus modified

With O.R. Gottlieb. Modified distillation trap. Chemist. Analyst 49(4):114, 1960.

With P. Henriques Mendes. Simples dispositivos para o registro de cromatoplasas. An. Assoc. Bras. Quim. 27:177, 1968

PAPERS IN FAMOUS REVIEWS

With O.R. Gottlieb. Isolation of piperonylic acid from *Ocotea pretiosa*. Nature 182:742-3, 1958

PATENTS

With M. Koketsu & V.C. Wilberg. Processo de obtenção de 1-carvona a partir de d-limoneno PI8200508-7 B1(1982)

Maximino Martínez

April 7, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Maximino Martínez y Martínez, Mexican botanist (Huasca de Ocampo District, Hidalgo State 30 May 1888 – Ciudad de Mexico 02 June 1964)

Internationally recognized for his work on economic botany

Authored over 100 works

DESCRIBED PLANTAE TAXA

Valid Genus

Balmea 1942

Valid Species

Abies durangensis 1942

Abies vejarii 1942

Balmea stormae 1942

Erodium saxatile 1934

Juniperus blancoi 1946

Juniperus comitana 1944

Juniperus durangensis 1946

Juniperus jaliscana 1946

Juniperus monticola 1946

Peltogyne mexicana 1961

Picea chihuahuana 1942

Pinus douglasiana 1943

Pinus durangensis 1942

Pinus herrerae 1940

Quercus macdougallii 1964

Quercus mulleri 1953

Quercus sanchez-colinii 1954

Solandra guerrerensis 1967

Others

24 subspecies, 15 varieties and 14 forms

SOME BIBLIOGRAPHY

Plantas utiles de Mexico

Apuntes para una monografia del pochote

El arbol del balsamo

Las plantas narcoticas de los antiguos mexicanos

Los recursos florestales en las regiones del seno de Mexico

Un galactogeno de importância, o capomo

Las plantas medicinales de Mexico

Plantas hulíferas

Plantas aromaticas

Menahem Hodara

February 29, 2024

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

Menahem Hodara, Jewish Turkish dermatologist (Istanbul 1869 – Istanbul Sept 1926)

Described a form of trichorrhexis nodosa known as Hodara disease or sign

Über die Trichorrhexis des Kopfhaares der Konstantinopeler Frauen. Mschr. Praktische Derm. Woch. 19:173-188, 1894

SOME BIBLIOGRAPHY

Etude sur le diagnostic bactériologique de l'acné. J. Mal. Cut. Syph. 6:516, 1891

Un cas de favus généralisé des parties glabres. Gaz. Med. Orient. 2:38, 189?

Ya-til des cellules plasmatiques dans les organes hematopoetiques normaux de l'homme. Ann. Dermatol. Syph. 3(6):856, 1895

Kommen in dem blut bereitenden organen des Menschen normalerweise Plasmazellen vor. Monatschr. F. Prakt. Dermat. 22:53, 1896

Zwei Falle von Neurolepiden. Monatschr. F. Prakt. Dermat. 25:161, 1897

Das verhalten der Epithelfaserung während der Entwicklung der weichen Muttermalen und der alveolaren karzinome. Monatschr. F. Prakt. Dermat. 25:, 1896

Contributions to the histology of the erythema gluteale of children. Monatschr. F. Prakt. Dermat. p. 325, 1898

Histologische Untersuchung über die Wirkung des Chrysarobins. Mh. Prakt. Dermat. 30:53-69, 1900

With F. Bey. Trois cas de sporotrichose de De Beurmann. Bull. Med. Constantinople 97, 1910

Histologische Untersuchung eines linearen halbseitigen naevus comedofollicularis, der sich klinisch unter dem Bilde strichförmig verlaufender grosser Komedonen zeigte. Derm. Wschr. 63:12-19, 1916

Ein Fall von Sporotrichose der Genital und Analgegend und der Mundschleimhaut. Dermat. Wchschr. 77:1328, 1923

Mervyn William Mansell

April 7, 2024

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

Mervyn William Mansell, South African entomologist (Bedford, Eastern Cape 19 November 1944 –

Authored over 60 research papers

DESCRIBED NEUROPTERA TAXA

Family

Psychopsidae 2017 with Bakkes & Sole

Genera

Afroptera 2019 with Abdalla

Amerocroce 1983

Annulares 2004

Carnarviana 1983

Morandida 1983

Pamares 1990

Siccanda 2019 with Abdalla

Tjederia 1977

Species

Afroptera acuta 2019 with Abdalla

Afroptera albi 2019 with Abdalla

Afroptera balli 2019 with Abdalla

Afroptera brinkmani 2019 with Abdalla

Afroptera cylindrata 2019 with Abdalla

Afroptera folia 2019 with Abdalla

Afroptera koranna 2019 with Abdalla

Afroptera maraisi 2019 with Abdalla

Amerocroce boliviana 1983

Annulares aspoeki 2004

Annulares lanner 2004

Austrocroce occidens 1983

Cabralis pallidus 2017 with Bakkes & Sole

Cabralis zambeziensis 2017 with Bakkes & Sole

Carnarviana cretata 1983

Carnarviana janthorum 1983

Coberothes angolana 1994 with Aspöck

Concroce parva 1981

Crambomorphus kalaharicus 2018

Crambomorphus namibicus 2018

Cymothales capensis 1987

Cymothales cybele 1987

Cymothales exilis 1987

Cymothales marginatus 1987

Cymothales tjederi 1987

Ganguilus indicus 2010 with Michel

Ganguilus rex 2010 with Michel

Ganguilus veniae 2010 with Michel

Laurhervasia namibica 1980

Laurhervasia transvaalensis 1980

Morandida peruviana 1983

Mucroberotha aethiopica 1994 with Aspöck

Mucroberotha angolana 1994 with Aspöck

Mucroberotha minteri 1994 with Aspöck

Nemopterella cedrus 2019 with Abdalla

Nemopterella kabas 2019 with Abdalla

Palparellus ulrike 1996

Pamares damarus 1990

Pamares deru 1990

Pamares nephele 1990

Pamares parvus 1990

Pamexis hantam 2016 with Ball

Pamexis karoo 1992

Pamexis namaqua 1992

Rhachiberotha ingwe 1994 with Aspöck

Rhachiberotha sheilae 1994 with Aspöck

Solter san 2013

Syngenes medialis 2018

Syngenes scholtzi 2018

Tjederia brevicornis 1981

Tjederia namaquensis 1977

HONORS (Neuroptera)

Mansellia Tjeder 1992

Manselliberotha Aspöck & Aspöck 1988

MEXICO

April 7, 2024

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

Ponciano Aguilar Frías, Mexican mining engineer and topographer (Guanajuato 14 November 1853 – Guanajuato 10 April 1935)

Devised a new method for identifying minerals by means of electric arc (pyroelectric analysis) (1915-1930)

Honored in mineral species aguilarite Genth 1891

José Guadalupe Aguilera Serrano, Mexican geologist and paleontologist (Mapimi, Durango State 05 February 1857 – Ciudad de Mexico 13 March 1941)

Colaborated to Mexican Geological Chart, presented in Universal Exposition of Paris with great success (1889)

First to describe the formation of kaolin in basaltic rocks (1907)

Alberto Barajas y Celis, Mexican mathematician (Ciudad de Mexico 17 July 1913 – Ciudad de Mexico 03 July 2004)

With R. Vazquez. Teorema sobre una conjetura de Birkhoff. Bol. Soc. Mat. Mexicana (1946)

He was invited to give lectures at Harvard University due to his work below

Birkhoff's theory of gravitation and Einstein's theory for weak fields. Proceed. Nat. Acad. Sciences 30:54, 1944

Gregorio Barroeta Corbalán, Mexican physician and naturalist (San Luis Potosí 1831 – 25 October 1906)

Collected plant specimens that gave rise to new species described by botanists

MEMBERSHIP

Member, Smithsonian Institute

Honorary Member, Geographical Society of Quebec

HONORS

Barroetea A.Gray 1880 (Asteraceae)

Gustavo Calderón Riveroll, Mexican geophysicist and geographer (San Pablo Apetatitlán, Tlaxcala State 11 February 1942 – Manzanillo, Colima State 19 April 2016)

Obtained the first measurements of motions of Earth tectonic plaques (1991) that earned him NASA Group Achievement Award

Ovidio Farga Torrent, Mexican

Invented a phone viewfinder (telefonovisor) in 1970 and the videocine (a forerunner of video recorder)

José María Roque de Jesus Macouzet Malo, Mexican pediatric surgeon (Morelia, Michoacán State 16 August 1870 – 24 November 1921)

From French descent

Reported the first arterial embolectomy with catheter

Consideraciones acerca de dos casos de gangrena producida por embolias. Mem. II Congr. Med. Panam. Mexico II:31, 1896

Estefania Salas de Broner, Mexican antiquarian (died Xalapa 06 October 1907)

Married to a German

Collected a great amount of Misanteca archaeological artifacts described by Strebel from Cempoala, Cerro Montoso and Misantla (1883-4)

With her sister **Joaquina Salas de Morales** collected new species of mollusks from Veracruz and Misantla (1875-6)

Both are honored in genus *Salasiella* Strebel 1878 (Mollusca)

Narciso Souza Novelo, Mexican physician, poet, botanist and ethnographer (Merida, Yucatán Province 16 October 1881 – Merida, Yucatán Province 15 February 1952)

Described plant species *Agave purpurea* (1941)

Bred and obtained new and beautiful varieties of orchids from which was regarded as a world expert

José Norberto Aureliano Urrutia Sandoval, Mexican surgeon (Xochimilco, Distrito Federal 06 June 1872 – San Antonio, Texas, USA 14 August 1975)

First to report the extirpation of cirroid aneurysm from the palm region of the hand in the world (1909)

Performed surgery for separating conjoined twins united by abdomen and liver with world acclaim (1917)

Michael Stuart Irwin

February 29, 2024

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

Michael Patrick Stuart Irwin, Rhodesian / British ornithologist (Donaghadee, County Down, Northern Ireland 01 July 1925 – Litcham, Norfolk 13 September 2017)

Authored over 300 scientific papers

DESCRIBED VALID AVES TAXA

Genera

Arcanator 1986 with Clancey

Dryocichloides 1974 with Clancey

Species

Pogoniulus makawai 1965 with Benson

Subspecies

Anthoscopus caroli rankinei 1963

Apalis thoracica quarta 1966

Apus barbatus hollidayi 1960 with Benson

Calamonaster stierlingi pinto 1960

Cisticola aridulus traylori 1966 with Benson

Cisticola lais oreobates 1966

Eremopteryx verticalis harti 1965 with Benson

Eremopteryx verticalis khama 1957

Hedypina collaris patersonae 1960

Melaenornis mariquensis acaciae 1957

Mirafrasciolata reynoldsi 1965 with Benson

Pytilia melba hygrophila 1967 with Benson

Rhinoptilus africanus traylori 1963

Riparia cincta xerica 1966 with Clancey

Spizocorys conirostris crypta 1957

Telophorus zeylonus restrictus 1968

Michel Abu Jamra

March 1, 2024

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

Michel Abu Jamra, Brazilian hematologist (São Paulo 13 August 1916 – São Paulo 10 June 1999)

Son of Lebanese immigrants

Authored over 250 works

Developed techniques for studying anaemias, coagulopathies and oncohematological diseases

With V. Maspes & Z.J. Gomes. Shaking as a means of enhancing or revealing anti-erythrocyte antibodies (1956)

With G. Hoxter, J.I. Araújo & V. Maspes. The solubility test for abnormal hemoglobins: method, evaluation and significance in various hemoglobinopathies. *Sangre* (1966)

With G. Hoxter & F. Ventura. Hemoglobin: determination using the cyanmethemoglobin method. Use of an artificial solution for the calibration of colorimetric instruments. *Rev. Hosp. Clin. Fac. Med.* 22 (Suppl.): 303-4, 1967

With O.C. Barretto & K. Nonoyama. Improved turbidity technique for the determination of lysozyme activity. *Rev. Hosp. Clin. Fac. Med. S. Paulo* 31(6):446-8, 1976

Proposed another type of megakaryocytic formula

Established the types and mechanisms of anemia in schistosomiasis mansoni

With V. Maspes & D.A. Meira. Types and mechanisms of anemia in schistosomiasis mansoni. *Rev. Inst. Med. Trop. São Paulo* 6:126-36, 1964

The first report about sickle cell anemia without gastric achylia

With C. Bottura & L.M. Ferreira. Anemia falciforme: considerações em torno de um caso (1944)

Defined ganglionic fever as a lymphatic reticulo-endotheliosis

With J. Oria. Contribuição para o estudo das células sanguíneas e do quadro histológico hematopoiético da mononucleose infectuosa (febre ganglionar de Pfeiffer-Glanzmann). *An. Fac. Med. Univ. S. Paulo* 15:33-64, 1939

HONOURS

Alfredo Pavlovsky Award, International Society of Hematology (1984)

President, 14th Congress of International Society of Hematology (1972)

MIDDLE EAST

April 7, 2024

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

Fatin Gokmen, Turkish astronomer (Akeksi 06 January 1877 – Istanbul 1955)

Conceived of using a particular quadrant to make a table of the minimum and maximum values of the variations of the azimuth and the hour angle for a certain latitude

His son, **Tarik Gokmen**, astronomer (Istanbul 26 November 1918 – 1985)

Group-sequence criterion for series of observations. Rev. Fac. Sci. Univ. Istanbul Serie C 19(3):171-92, 1954

William Deab Nimeh, Lebanese gastroenterologist (Deir El Kamar 27 July 1891 – ?)

Developed Nimeh method for the determination of the size of the liver and spleen by hepatosplenography and hepatosplenometry

New method for the determination of the size of the liver and spleen. Am. J. Gastroent. 23:147-56, 1955

Un metodo nuevo para la determinación del tamaño del hígado y del bazo (1974)

Salah Daoud Salman, Lebanese otorhinolaryngologist (Beirut 24 January 1936 –

With D.F. Proctor, D.L. Swift & S.A. Evering. Nasal resistance: a description of a method and effect of temperature and humidity changes. Ann. Otol. Rhinol. Laryngol. 80:736-43, 1971

A new stent for endoscopic sinus surgery. Otolaryngol. Head, Neck Surg. 109:780-1, 1993

Ekrem Kadri Unat, Turkish microbiologist and medical historian (Ankara 19 August 1914 – Nisan 13 April 1998)

Reported the first case of cryptococcosis of the colon

With B. Pars & J.P. Kosyak. A case of cryptococcosis of the colon. Br. Med. J. 5211:1501-2, 1960

Miguel Angel Galliski

February 29, 2024

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

Miguel Angel Galliski, Argentine mineralogist (1948 –

DESCRIBED NEW MINERAL SPECIES

Ferrotitanowodginite 1999 with Cerny, Chapman & Marquez Zavalía

Bederite 1999 with Cooper, Hawthorne & Cerny

Alfredstelnite 2010 with Cooper, Hawthorne & Marquez Zavalía

Ishiharaite 2015 with Marquez Zavalía, Drabek, Vymazalova, Watanabe, Murakami & Bernhardt

Achalaite 2016 with Marquez-Zavalía, Cerny, Lira, Roberts & Bernhardt

Ferro-ferri-katophorite 2016 with Colombo, Rius, Molins, Biglia, Marquez-Zavalía, Baldo & Kriscutzky

Liraite 2019 with Biglia, Cooper, Grew, Sfragulla, Marquez-Zavalía, Guereschi, & Yates

HONORS

Galliskiite Kamp, Colombo, Simmons Jr., Falster & Nizamoff 2010 (Mineral)

Miguel Angel Moron Rios

April 7, 2024

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

Miguel Angel Morón Ríos, Mexican entomologist (Ciudad de Mexico 24 October 1952 – Xalapa 22 August 2017)

Regarded as one of the world's leading experts on scarab beetles larvae

DESCRIBED COLEOPTERA TAXA

Genera/Subgenus

Archedinus 1990 with Krikken

Belicinus 2012 with Arce Perez & Shepard

Subg. *Bucaphalanus* 2012 with Ramírez Ponce

Chelilabia 1999 with Nogueira

Halffterinetis 2007 with Nogueira

Iridosoma 1991 with Delgado Castillo

Macropoidelimus 1983

Mazahuaapertha 1999 with Nogueira

Mesosternus 1988

Nayarita 1999 with Nogueira

Paraheterosternus 1983

Parisoleoides 1987

Plesiosternus 1983

Saccharoscaptus 2015 with Gross

Yaaxkumukia 1999 with Nogueira

Species

291 (136 of them in genus *Phyllophaga*)

HONORS

Moronopeilos Brailovsky 1988 (Hemiptera)

Moronius Grossi & Vaz de Mello 2015 (Coleoptera)

Moroniella Ramírez Ponce 2015 (Coleoptera)

LINKS

http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0065-17372019000100301 See http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0065-17372019000100301. (Spanish)

http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0065-17372017000300538&lng=pt&nrm=iso See http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0065-17372017000300538&lng=pt&nrm=iso. (Spanish)

Miguel Eduardo Jorg

March 1, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Miguel Eduardo Jorg Gutknecht, Argentine physician and microscopist (Ingeniero White, Bahía Blanca Province 26 July 1909 – Mar del Plata 15 November 2002)

From German descent

MEDICINE

With S. Mazza defined three anatomo-clinical periods in Chagas disease (1940)

With Ramón S. Freire. Lipochagomata genii or lipochagomata of the cheeks, characteristic lesions of acute trypanosomiasis cruzi in children under three years of age (1961)

With S. Mazza. Sobre nodulos de histiocitosis en el higado de perro inoculado con *Schizotryp. cruzi* de origen humano. Publ. MEPRA 15:1-24, 1934 (Mazza-Jorg nodular hepatitis)

METHODS

With E.L. Lanari & J.A. Aguirre. La impregnación visceral mediante sales radioactivas. Metodo de exploración radiologica (1937)

La aparición de fibrillas conjuntivas reticulares en cultivos mixtos de mioblastos y células epiteliales. Nueva tecnica de explantación por micromanipulación (1932)

Coefficiente de absorción de rayos luminosos, visibles por elementos citológicos, en especial células pigmentarias. Nueva tecnica por microespectrofotometría para su determinación. Sem. Med. (1931)

MICROSCOPICAL ANATOMY

Quimiorreceptor osmosensible en larvas de *Morpho catenarius argentinus* Fruhstorfer 1907. Neotropica 6(20):41-8, 1960

Anatomia microscopica de glandulas cerigenas en orugas de *Artace obumbata* Kohler (1951)

Un organo de especial diferenciación anatomomicroscopica en la ruga de *Morpho catenarius argentinus* (Lep. Rhop. Morphidae). Acta Zool. Lilloana 5:131-6, 1948

Sobre una morfología glandular y una diferenciación sensorial en la oruga de *Morpho catenarius argentinus* Fruhs. Rev. Soc. Entomol. Arg. 13(1-5):359-60, 1947

La presencia de simbiosntes en los ovulos de peces de la Argentina. Physis 39:305-6, 19??

Las nervuras hemielitralas de los Triatomidae. Physis 17:245-52, 1939

Tiroides del ñandu: embriogenesis y estructura macroscopica (1935)

La estructura histologica del esbozo ganglionar supraesofagico y de la cadena neuroganglionar ventral de la oruga de *Hylesia nigricans* Berg (Lepid, Hem) 1934

Consideraciones histofisiologicas sobre los ojos de los insectos (*Polybia scutellaris* White y *Eutermes* sp.). Rev. Soc. Entomol. Arg. 5(2-3), 1932

Contribución a la citología hematica de los peces, reptiles y batracios argentinos (1931)

La existencia de una glandula epitelial tipoparatiroidea, satelite del timo

Metamorfosis de *Concampa olcosta* Schauss, 1930 (Lep, Notodontidae), con el estudio histologico de un aparato tricoglandular de la oruga

Las terminaciones nerviosas de *Elaeochlora viridicata* (Orthoptera, Acrididae). Rev. Chil. Hist. Nat

DESCRIBED SPECIES

Protozoa

Haemogregarina rojasi 1931

Haemoproteus glaucidium 1931

Haemoproteus houssayi 1931

Ichthyophthirius megastoma 1931

Nyctotheroides mazzai 1930

Trypanosoma birabeni 1960

Hemiptera

Genus *Mepraia* 1940 with Mazza & Gajardo Tobar

Triatoma mazzae 1937

Triatoma bruchi 1944 with Mazza

HONORS

Jorgcoris Carpintero 1980 (Hemiptera)

Miguel Francisco Jimenez

March 1, 2024

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

José Miguel Francisco de la Luz Jimenez Garcia, Mexican physician (Amozoc, Puebla 10 October 1813 – Ciudad de Mexico 02 April 1876)

HEPATIC ABSCESES

First to describe amoebic hepatic abscess (1842) and to diagnose it in relation to bronchii (1843)

Performed the most complete clinical and anatomopathological description of hepatic abscess

Absceso del hígado en comunicación con los brônquios (1843)

Lecciones dadas en la Escuela de Medicina de México. Primera parte. Abscesos del hígado (1856)

Tratamiento de los abscesos del hígado. Gac. Med. Mex. 2:12, 1866

Diagnostico diferencial entre los abscesos del hígado. Gac. Med. Mex. 10:345, 1875

Introduced hydro-abdominal succussion for treatment of hepatic abscesses

Developed Jimenez method for treating hepatic abscesses consisting of simple and repeated punctures in the liver for tapping through the intercostal spaces by the common trocar (1856)

Gave the first account of an amoebic complication in the skin (1872)

OTHERS

Distinguished typhus from typhoid fever before Jenner and proposed a new differential diagnosis

Los apuntes para La historia de la fiebre petequial o tabardillo que reina en Mexico (1846)

Sobre la identidad de las fiebres (1864)

Introduced improvements to percussion and auscultation

Reported proteinuria in Scarlet fever (1856)

Miguel Garcia Vidal

February 29, 2024

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

Miguel Garcia Vidal, Cuban / US entomologist (fl.1975-89)

DESCRIBED COLEOPTERA SPECIES

Anoplosiagum cubensis 1982

Anoplosiagum oteroi 1982

Anoplosiagum swezeyi 1982

Anoplosiagum turquinensis 1982

Anoplosiagum zayasi 1982

Phyllophaga (*Cnemarachis*) *ahlbrandti* 1988

Phyllophaga (*Cnemarachis*) *brevicornis* 1988

Phyllophaga (*Cnemarachis*) *castineirasi* 1978

Phyllophaga (*Cnemarachis*) *chalumeaui* 1984

Phyllophaga (*Cnemarachis*) *complexipennis* 1984

Phyllophaga (*Cnemarachis*) *dubitatus* 1978

Phyllophaga (*Cnemarachis*) *franciscana* 1984

Phyllophaga (*Cnemarachis*) *hardyi* 1984

Phyllophaga (*Cnemarachis*) *hernandezi* 1984

Phyllophaga (*Cnemarachis*) *independentista* 1984

Phyllophaga (*Cnemarachis*) *insulaepinorum* 1978

Phyllophaga (*Cnemarachis*) *laboriosa* 1988

Phyllophaga (*Cnemarachis*) *maestrensis* 1984

Phyllophaga (*Cnemarachis*) *marinus* 1987

Phyllophaga (*Cnemarachis*) *migratoria* 1984

Phyllophaga (*Cnemarachis*) *pilotoensis* 1987

Phyllophaga (*Cnemarachis*) *potrerillo* 1987

Phyllophaga (*Cnemarachis*) *sandersoni* 1988

Phyllophaga (*Cnemarachis*) *santiaguensis* 1987

Phyllophaga (*Cnemarachis*) *scaramuzzai* 1988

Phyllophaga (*Cnemarachis*) *sibineyensis* 1988

Phyllophaga (*Cnemarachis*) *spinicola* 1984

Phyllophaga (*Cnemarachis*) *trinitariensis* 1987

Phyllophaga (*Cnemarachis*) *villaclarensis* 1987

Phyllophaga (*Cnemarachis*) *zayasi* 1978

Miguel Itzigsohn

February 29, 2024

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

Miguel Itzigsohn, Argentine astronomer (Belgium 1908 – Buenos Aires 1977)

Son of Jewish Russian immigrants

DISCOVERED ASTEROIDS

Evita 1569

Cesco 1571

Abanderada 1581

Martir 1582

Descamisada 1588

Fanatica 1589

Itzigsohn 1596 (named in his honor)

Muñoz 1608

Iguassu 1684

Wilkens 1688

Parana 1779

Aguilar 1800

Titicaca 1801

Aconcagua 1821

Sumeria 1970

Miguel L. Jaume

March 1, 2024

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

Miguel Luis Jaume García, Cuban malacologist (La Habana 11 November 1905 – La Habana 13 December 1990)

DESCRIBED MOLLUSCA TAXA

Genera

With De la Torre 1972

Acrocoptis

Amphistemma

Anafecoptis

Arangocoptis

Asthenocoptis

Bermudezicoptis

Bialasmus

Blaincoptis

Callocoptis

Capillacea

Carcinostemma

Cavicoptis

Cenocoptis

Centralia

Clenchicoptis

Cylindrocoptis

Garciaicoptis

Geminicoptis

Gravicoptis

Heterocoptis

Johaniceramus

Juanocoptis

Levicoptis

Levistemma

Mimiaxis

Nodulia

Organocoptis

Orienticoptis

Palenquecoptis

Pfeiffericoptis

Planostemma

Poeycoptis

Sagracoptis

Scalaricoptis

Teneria

Tenuistemma

Trilamellaxis

Uncinicoptis

Ventricochlis

With others

Aguayodiscus 1946 with Borro

Bakerviana 1957 with Aguayo

Cupulella 1948 with Aguayo

Eucryptelasmus 1943 with Fuentes

Plicathyrrium 1943 with Fuentes

Semitrochatella 1958 with Aguayo

Species

About 700 between Fossil and Living mollusks

HONORS (Mollusca)

Genera *Jaumeia* Aguayo 1943 & *Jaumea* Torre & Bartsch 1972

Subgenus *Jaumeoconcha* Alcalde Ledón 1945

Miguel Layrisse

March 6, 2024

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

Miguel Angel Layrisse Marrero, Venezuelan nutritionist and hematologist (Caracas 06 May 1919 – Caracas 22 February 2002)

Authored over 267 scientific papers and 7 books

Discovered Diego blood factor, the first practically confined to people of Mongoloid origin

With T. Arends & R. Domínguez Sisco. Nuevo grupo sanguíneo encontrado en descendientes de indios. Acta Med. Venez. 3:132, 1955

With Z. Layrisse, E. García, J. Wilbert & J.R. Parra. New Rh phenotype, Dcceⁱeⁱf, found in a Chibcha Indian tribe. Nature 191:503-4, 1961

With T. Arends, M.L. Gallango, J. Wilbert & H.D. Heinen. Albumin Warao: new type of human alloalbuminemia Blood 33(3):414-20, 1969

With Z. Layrisse, M. Pulido Rodríguez & H.D. Heinen. LD homozygous cells in the Warao population: a possible new allele at the LD1 Locus within the main histocompatibility region in man. Tissue Antigen 6(4):326-34, 2008

First to describe hemolytic anaemia caused by *Ancylostoma* sp.

With Z.M. Layrisse & P. Díez. La naturaleza y causa de la infección por anquilostomo. Primera descripción de la anemia hemolítica, de las anemias crónicas por deficiencia de hierro, con o sin infección, por anquilostomo. (1960s)

Found that heme iron from meat increased the absorption of iron from other sources known as meat effect

With C. Martínez Torres & M. Roche. Effect of interaction of various foods on iron absorption. Amer. J. Clin. Nutr. 21:1175, 1968

Provided the concept of intraluminal pools of heme iron and non-heme iron

With J.D. Cook, C. Martínez Torres, R. Walker, E. Monsen & C.A. Finch. Food iron absorption measured by an extrinsic tag. J. Clin. Invest. 51:805-15, 1972

Described a new property of vitamin A that enhances iron absorption in foods

With M.N. García Casal, L. Solano, M.A. Barón et al. New property of vitamin A and beta-carotene on human iron absorption: effect on phytate and polyphenols as inhibitors of iron absorption. Arch. Latinoam. Nutr. 50(3):243-8, 2000

Methods

With C. Martínez Torres & J.M. Gonzalez. Determinación de la absorción total de hierro de la alimentación por métodos isotópicos

With C. Martínez Torres. Model for measuring dietary absorption of heme iron: test with a complete meal. Amer. J. Clin. Nutr. 25:401-11, 1972

Papers in Science/Nature

With Z.M. Layrisse, H.D. Heinen & J. Wilbert. The histocompatibility system in the Warao Indians of Venezuela. Science 794:1135-8, 1976

With J. Wilbert. Absence of the Diego antigens, a genetic characteristic of early immigrants to South America. Science 134(3485):1077-8, 1961

With Z. Layrisse. Frequency of the new blood group antigen Js among South American Indians. Nature 184:640, 1959

With T. Arends & J. Wilbert. Peculiar distribution of the Diego factor among the Warao. Nature 181:118-9, 1958

With T. Arends. The Diego blood factor in Mongoloid populations. Nature 179:478-9, 1957

With T. Arends. The Diego blood factor in Chinese and Japanese. Nature 177:1083-4, 1956

With P. Levine, E.A. Robinson, T. Arends & R. Domínguez Sisco. The Diego blood factor. Nature 177:40, 1956

With T. Arends. High incidence blood group found in Venezuelan Indians. Science 123:633, 1956

PATENTS

Ferroivic, an iron compound (1993)

Hematalaco, an automatic device for blood transfusion in newborn babies (1965)

Miguel Lillo

March 6, 2024

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

Miguel Ignacio Lillo, Argentine naturalist and philologist (Tucumán 27 July 1862 – Tucumán 04 May 1931)

DESCRIBED TAXA

Plantae

About 70 new species

Aves

Genus

Pseudocolopteryx 1905

Species

Pseudocolopteryx dinelliana 1905

Eudromia formosa 1905

Subspecies

Asthenes pyrrholeuca leptasthenuroides 1905

Cyanoliseus patagonus andinus 1913 with Dabbene

Eudromia elegans intermedia 1913 with Dabbene

HONORS

Michelilloa Archangelsky & Brett 1963 (Fossil Plantae)

Lilloaciura Aczel 1953 (Diptera)

Lilloiconcha Weyrauch 1965 (Mollusca Gastropoda)

Milton Fontes Magarão

April 7, 2024

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

Milton Fontes Magarão, Brazilian bacteriologist and phthisiologist (Itaporanga d'Ajuda, Sergipe State 08 March 1903 – Rio de Janeiro 15 November 1986)

Authored 71 publications

WHO recognized his laboratory as world reference in atypical mycobacteria

Identified distinct strains of *Mycobacterium tuberculosis*

Performed the first tests of microbial resistance to bacteriostatics

METHODS

With H. Linhares modified the Corper-Stoner method (1949)

Improved Darzins method for isolating tubercle bacilli from pathological material (Darzins-Magarão method)

SOME BIBLIOGRAPHY

With A.O. Lima & N. Bethlem. Alguns aspectos da imunologia da tuberculose. J. Pneumol. 11(2):98-106, 1985

With R.C. Mortatti & A.O. Lima. O complexo "*Mycobacterium tuberculosis*" (1980)

With H.M. Brascher, G.G. R. Ferreira, J.R. Vargens & A.O. Lima. Inibição da migração dos leucócitos com antígenos particulados. Rev. Bras. Pesq. Med. Biol. 10:255-60, 1977

With H.M. Brascher, J.R. Vargens, R.C. Mortatti & A.O. Lima. Humoral and cellular immunity in children vaccinated with oral BCG. Rev. Bras. Pesq. Med. Biol. 10:175-80, 1977

With A.O. Lima, D.S. Camara, H.K. Massuda & G.G.R. Ferreira. Imunidade celular e humoral na tuberculose pulmonar ativa. Rev. Inst. Med. Trop. S. Paulo 19:1-9, 1977

With U. Zanon & E.L. Mondin. A atividade tuberculicida de desinfetantes hospitalares. Rev. Div. Nac. Tuberc. 18:5-15, 1974

With J. Dauster & A.C. Santiago. Resistência do bacilo de Koch às drogas standard e de reserve (Experiência de Guanabara). Arq. Bras. Tuberc. Doen. Torax 25(1):3-6, 1966

With H. Fraga. O problema da quimioterapia da tuberculose pulmonar no RJ visto através da frequência da resistência microbiana. Rev. Serv. Nac. 10(38):157-60, 1966

With V. Lorian. Color standardization of atypical mycobacteria. Acta Tuberc. Pneumol. Scand. 44:219-21, 1964

With A.C. Santiago, A.P. de Almeida & H. Fraga. Contribution à l'étude de La résistance d'emblée du bacille tuberculeux aux médicaments standard à Rio de Janeiro. Bull. Um. Int. Tuberc. 3:36, 1962

With V. Lorian. Des mycobactéries anormales dans notre pratique pneumologique. Acta Tuberc. Pneumol. Scand. 51:252, 1962

With J. Dauster, A.C. Santiago, E. Werneck, H. Fraga, A.P. Almeida & R.C.R. Barreto. The problem of resistance of *M. tuberculosis* to standard drugs in Rio de Janeiro. Advan. Tuberc. Res. 11:193-213, 1961

With H. Fraga & A. de Almeida. Persistência do bacilo de Koch aos agentes antimicrobianos e sua repercussão na profilaxia da tuberculose. Rev. Serv. Nac. 5:12, 1959

With H. Fraga & A.P. Almeida. A resistência do bacilo de Koch aos agentes antimicrobianos e suas repercussões na profilaxia da tuberculose. Rev. Serv. Nac. Tuberc. 3(12):459-66, 1958

With N. Costa & H. Fraga. Contribuição anatomo-patológica e bacteriológica ao estudo dos processos residuais da tuberculose pulmonar resultantes do tratamento. Tisiol. Pneumol. 3:5, 1957-8

With C.B. Chaves. O método agitação-precipitação no diagnóstico bacteriológico da tuberculose. O Hospital 5:601, 1954

With S.O. Lima. Reação de prognóstico da tuberculose pulmonar em hansenosos tuberculosos (1954)

Diagnóstico de tuberculose e lavado brônquico. Rev. Bras. Tuberc. 21:67-71, 1953

With A.O. Lima. Cutireação à tuberculina em doentes de lepra. Clin. Tisiol. 7:83, 1952

With H. Linhares, E.W. Hirsch, S.P. Carvalho & A. Scorzelli Jr. Cultura do bacilo de Koch. Rev. Sesp. 3:509-14, 1950

With H. Linhares. Diagnóstico bacteriológico da tuberculose (1949)

With H. Linhares. Tuberculose urogenital. Clin. Tisiol. 3:237, 1948

With R. Fernandes & J. Dauster. Sobre a presença de um bacilo tuberculoso tipo aviário, isolado a partir de um gânglio mesentérico proveniente de clínica humana. Clin. Tisiol. 23:59-62, 1947

With M. Arriagada & M. Thales. Lytic action of *Bacillus subtilis* on *Mycobacterium tuberculosis*. Clin. Tisiol. 2(6):345-8, 1944

Virulência do bacilo de Koch sob a ação dos bacteriostáticos

HONOURS

Honorary Member, International Carlo Forlanini Association

Correspondent Member, Commission de Bactériologie et d'Immunologie de L'Union Internationale contre la tuberculose (Paris)

Milton Thiago de Mello

April 7, 2024

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

Milton Thiago de Mello, Brazilian microbiologist and veterinarian (Rio de Janeiro 05 February 1916 – Brasília 01 October 2024)

From Swiss descent

Authored 245 scientific works

Laid the foundations for control of mites that attack fungal cultures employing kerosene

With A.E. Area Leão & V. Mayor. Acarinos infestadores de cultura de cogumelos. *Biologia, classificação e métodos de combate*. Mem. Inst. Oswaldo Cruz 42(3):559-608, 1945

Técnica para colheita, transporte e cultivo de material para diagnóstico da peste. *Fol. Atual. Saúde Publ.* 1-6:10-1, 1968

With Diamante I. Ortiz da Silva. Prova da microdiluição para o diagnóstico sorológico de leptospirose usando antígenos comerciais. *O Hospital* 72(6):1877-83, 1967

With A.M. de Mello. Micro-technique for serological diagnosis of brucellosis. Comparison with agglutination and the surface fixation tests. *An. Microbiol.* 14:109-25, 1966-7

With S. Elberg, M. Aronson & P. Mascarenhas. A simplified technique for maintenance and cultivation of alveolar histiocytes. *An. Microbiol.* 12:31-53, 1964

A tetrazolium stained antigen for serum agglutination tests in brucellosis. *WHO/Bruc. Inform. Ser* 41:3, 1951

A simple micro-incinerator. *Mem. Inst. Oswaldo Cruz* 53(1):43, 1955

Developed Thiago de Mello test for brucellosis and Pacheco-Mello agar medium

HONOURS

Honorary Fellow, Zoological Society of London (1988) & World Veterinary Association (1993)

John Gamgee Award (2013)

James H. Steele Prize, International Society for Veterinary Epidemiology and Economics

Miranda Ribeiro family

April 7, 2024

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

Alípio de Miranda-Ribeiro, Brazilian vertebrate zoologist (Rio Preto, Minas Gerais State 21 February 1874 – Rio de Janeiro 08 January 1939)

Authored 147 publications

DESCRIBED VALID NEW TAXA

Diptera

Genera

Basilia 1903

Holophthalmia 1907

Subgenus

Pseudelytromyia 1907

Species

Basilia ferruginea 1903

Basilia (Pseudelytromyia) speiseri 1907

Holophthalmia siqueirae 1907

Paratrichobius longicrus 1907

Fossil Mammalia

Genus

Plicodontinia 1938

Species

Plicodontinia mourai 1938

Reptilia

Species

Bothrops lutzi 1915

Aves

Species

Hemitriccus obsoletus 1906

Oreophylax moreirae 1906

Pyrrhura pfrimeri 1920

Subspecies

Crypturellus obsoletus hypochraceus 1938

Electron platyrhynchum chlorophys 1931

Hemitriccus obsoletus obsoletus 1906

Fregata ariel trinitatis 1919

Pionus maximilianus metanoblepharus 1920

Mammalia

Genus

Callimico 1912

Species

Monodelphis umbristriata 1936

Saguinus melanoleucus 1912

Subspecies

Calluromys lanatus vitalinus 1936

Ctenomys minutus bicolor 1914

Mazama goyazoubira rondoni 1915

Micoureus paraguayanus travassosi 1936

Sciurus aestuans henseli 1941

Amphibia

Genera

Aparasphenodon 1920

Dasypops 1924

Flectonotus 1926

Holoaden 1920

Megaelosia 1923

Phrynomedusa 1923

Proceratophrys 1920

Pseudopaludicola 1926

Subgenus

Eladinea 1937

Species

38

Pisces

Genera

Gymnogeophagus 1918

Kronichthys 1908

Lamontichthys 1939

Parablennius 1915

Paravandellia 1912

Pareiorhaphis 1918

Peckoltia 1912

Plectrochilus 1917

Pseudomulloides 1915

Pseudopercis 1903

Taunayia 1918

Tatia 1911

Utiarichthys 1937

Species

90

HONORS

Ribeiroia Travassos 1939 (Trematoda)

Aliptrema Ruiz & Leão 1955 (Trematoda)

Mirandaia Travassos 1937 (Nematoda)

Mirandisca Travassos Filho 1955 (Lepidoptera)

Mirandatherium Paula Couto 1952 (Fossil Mammalia)

Alipiopsitta Caparroz & Pacheco 2006 (Aves)

His son, Paulo de Miranda Ribeiro, zoologist (Rio de Janeiro 26 November 1903 – Rio de Janeiro 08 January 1965)

Authored 55 works

DESCRIBED NEW TAXA

Pisces

Valid Genera

Parastegophilus 1946

Xenurobrycon 1945 with Myers

Valid Species

Aspidoras lakoi 1949

Astyanax goyanensis 1944

Chasmocranus lopezi 1968

Glanidium catharinensis 1962

Harttia carvalhoi 1939

Homodiaetus passarelli 1944

Ituglanis herberti 1940

Ituglanis parkoi 1944

Leptorhamdia schultzi 1964

Lignobrycon myersi 1956

Listrura camposi 1957

Oxyropsis acutirostra 1951

Pareiorhaphis cerosus 1951

Parotocinclus cesarpintoi 1939

Trichomycterus candidus 1949

Trichomycterus paquequerense 1943

Trichomycterus stawiarSKI 1968

Xenrobrycon macropus 1945 with Myers

Dermaptera

Species

Cylindrogaster bicyclurus

Strongylopsalis mathurinii 1931

Blattaria

Species

Bionoblatta itatiayae 1936

Parahormetica hylaeceps 1936

Coleoptera

Species

HONORS

Ribeiroclinus Pinto 1965 (Pisces)

Mohamed Haniff

February 29, 2024

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

Mohamed Haniff Bin Kupey Pichey, Malaysian gardener, botanical explorer and collector (Penang 02 November 1872 – 1930)

Discovered several plant species of Malay Peninsula

SOME BIBLIOGRAPHY

Record of a few orchids and other interesting plants (Monocotyledons) found in Penang, Setul, Kedah Peak and Bukit Wang in the north of Kedah. Gardens Bull. Straits Settl. 1(10):353-5, 1916

With Burkill. Malay village medicine: prescriptions collected. Gardens Bull. Straits Settl. 6(5-10):165-207, 1930

HONORS

Haniffia Holtum 1950 (Zingiberaceae)

Mohamed Mahmoud Ismail

February 29, 2024

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

Mohamed Mahmoud Ismail, Egyptian geologist and stratigrapher

Co-described the Fossil Foraminifera Species *Anomalina hofensis* 1963 with Ansary

SOME BIBLIOGRAPHY

With F.A. El Nozahy & K.N. Sadeek. A contribution to the geology of the Bahariya Oasis, Western Desert, Egypt. GeoJ. 19(2):221-9, 1989

With F.A. El Nozahy. Petrography and diagenesis of Eocene carbonate rocks, Helwan area, Egypt. Ain Shams Sci. Bull. 25:41-69, 1987

With A.A. Selim & A.A. Taha. Matruh-Barrani carbonate sediments petrography and diagenesis. Bull. Fac. Sci. KAU 1:145-60, 1977

With O.R. El Mahady & F.A. El Nozahi. Geological studies (microfacies, chemical analyses) of Gebel Ataq (mountain, West of Suez, Egypt) surface sections. Part I. 24:25-41, 1974

With M.H. Zakaria. Contribution to the geology of Siwa Oasis, Western Desert, Egypt. Bull. Inst. Desert Egypte 23:37-50, 1973

With M.W. El Dakkak. Microfacies studies of Gabal Nazzazat Upper Cretaceous surface section. Bull. Fac. Sci. Alex. Univ. 11(3):231-65, 1971

With M.R. Abdel Kireem. Microfacies of the Fayum surface section, Middle Eocene. Bull. Fac. Sci. Alex. Univ. 11(2):65-84, 1971

With A.I.M. Mansour. Microfacies studies of the Lower Cretaceous of Gebel, El Maaza, north Sinai. Bull. Fac. Sci. Alex. Univ. 9:435-50, 1969

With M.A. Ghorab. Microfacies of the Abu Roash surface sections. Bull. Fac. Sci. Alex. Univ. 9:331-63, 1969

With A.A. Selim. Stratigraphy of Salum area, Western Desert, U.A.R. Bull. Fac. Sci. Alex. Univ. 9:309-28, 1969

With A.A. Selim. A microfacies study of the Cretaceous and Eocene strata of Gebel Ataq scarps, Eastern Desert, U.A.R. Bull. Fac. Sci. Alex. Univ. 8(2):235-57, 1968

With M.A. Fawzi & E.M. Naim. A microfacies study of the Cretaceous strata of Gebel Shabrawet area, Eastern Desert, UAR. Bull. Fac.Sci. Alex. Univ. 8(1):219-34, 1967

With M.A. Basiouni. Stratigraphic zoning of the Eocene, east of Helwan by ostracodes. Bull. Fac. Sci. Ains Shams Univ. 10:431-41, 1966

With E.M. Naim. A microfacies study of the conglomerate and sandstone series in Quseir area. Bull. Fac. Sci. Alex. Univ. 7:265-80, 1966

With A.A. Selim. A contribution to the stratigraphy of Gebel Ataq scarps, Eastern Desert, UAR. Bull. Inst. Desert du Egypte 6(2):1-20, 1966

With A.M. Abdallah. Contribution to the stratigraphy of St. Paul Monastery Area by microfacies (1966)

With M.A. Ghorab. A microfacies study of the Eocene and Pliocene east of Helwan, Egypt. J. geol. 1(2):105-25, 1957

With I. A.M. Farag. Contributions to the stratigraphy of the area east of Helwan (Egypt). Bull. Inst. Desert Egypte 7(1):95-134, 1957

With S.E. Andary. The determination of the Middle Upper Eocene boundary in the area east of Helwan as indicated by Foraminifera. Bull. Inst. Desert Egypte 6(1):185-92, 1956

The area east of Helwan: a detailed geological survey. Scale 1:25000. PhD thesis, Cairo University (1956)

With I.A.M. Farag. On the structure of Wadi Hof area (northeast of Helwan). Bull. Inst. Des. Egypt. 5:179-92, 1955

With I.A.M. Farag. Contributions to the stratigraphy of the Wadi Hof area (northeast of Helwan). Bull. Fac. Sci. Cairo Univ. 34:147-68, 1955

Stratigraphy and structure of Wadi Hof area, North East of Hewlwan. MSc thesis, Cairo University (1953)

HONORS

Ismailia El Dakkak 1974 (Fossil Foraminifera)

Mohammad Abdul Ghani

February 29, 2024

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

Mohammad Abdul Ghani, Pakistani agricultural entomologist (Ludhiana, Punjab 10 June 1915 – Islamabad 06 April 2000)

DESCRIBED ARTHROPODA SPECIES

Genera (Coleoptera)

Simmondsius 1966

Paksimmondsius 1974 with Ahmad

Species

Coleoptera

Paksimmondsius pakistanensis 1974 with Ahmad

Simmondsius pakistanensis 1966 with Ahmad

Hemiptera

Adelges pindrowi 1971 with Yaseen

Pemphigus ignotus 1970 with Habib

Pemphigus venosus 1970 with Habib

Pemphigus vesicarius 1970 with Habib

Pineus ghanii 1971 with Yaseen

Pineus simmondsi 1971 with Yaseen

Pineus wallichianae 1971 with Yaseen

HONORS

Ghanius Ahmad 1973 (Coleoptera)

Mohammad Hayat

February 29, 2024

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

Mohammad Hayat, Indian entomologist (fl.1969)

DESCRIBED HYMENOPTERA TAXA

Genera

Adekitopus 1984 with Noyes
Agarwalencyrtus 1981
Amicencyrtus 1981
Anomalencyrtus 1980
Arabencyrtus 2014
Avlakotencyrtus 2014 with Khan
Bacalusa 1984 with Noyes
Bolangeria 1986 with Noyes
Coagerus 1984 with Noyes
Cremesina 1984 with Noyes
Dahmsiella 1979
Diaphorencyrtus 1981
Diasula 1984 with Noyes
Doddanusia 1984 with Noyes
Encarsiella 1983
Eotopus 1984 with Noyes
Eriaphytis 1972
Ethoris 1984 with Noyes
Gentakola 1984 with Noyes
Haligra 1984 with Noyes
Hamusencyrtus 1978 with Subba Rao
Hengata 1984 with Noyes
Hirtaphelinus 1983
Idiococcobius 2010
Indaphycus 1981
Indoencyrtus 1978 with Verma
Kataka 1984 with Noyes
Manicnemus 1981
Mashhoodiella 1972
Muluencyrtus 1984 with Noyes
Nathismusia 1984 with Noyes
Neoadelencyrtus 1975 with Alam & Agarwal
Neocharitopus 1975 with Alam & Agarwal
Neperpolia 2003
Oenrobia 1994
Olypusa 1984 with Noyes
Ovaloencyrtus 1984 with Noyes
Papuna 1984 with Noyes
Paraclausenia 1980
Pasulinia 1984 with Noyes
Philosindia 1984 with Noyes
Prochiloneuroides 1975 with Alam & Agarwal
Prosoligosita 1981 with Husain
Pseudanasius 1975 with Alam & Agarwal

Psyllaphycus 1972

Ruanderoma 1984 with Noyes

Sakencyrtus 1981

Samariola 1983

Saprencyrtus 1984 with Noyes

Saucencyrtus 2002 with Singh

Sharqencyrtus 2011 with Kazmi

Tongyus 1984 with Noyes

Umairia 2014

Zozoros 184 with Noyes

Zubairia 2014

Subgenera

Alhindia 2007

Chaetogrammina 1981

Dorypolynema 1999 with Anis

Indaphelinus 1990

Orioligosita 2008

Species

About 580

HONORS (Hymenoptera)

Hayatia Viggiani 1982

Hayatiella Narendran 1989

Hayatiola Narendran 2006

Hayatosema Heraty & Burks 2017

Mohammad Kasim Moosa

April 7, 2024

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

Mohammad Kasim Moosa, Indonesian carcinologist and oceanographer (Jakarta 25 February 1937 –

DESCRIBED CRUSTACEA TAXA

Families

- Alainosquillidae 1991
- Crossotonotidae 1981 with Serene
- Pseudochelidae 2004 with De Grave

Genera

- Alainosquilla* 1991
- Alimopsoides* 1991
- Anchisquilopsis* 1985
- Heterosquilopsis* 1991
- Neoanchisquilla* 1991
- Neopalicus* 1981 with Serene
- Palicaides* 1981 with Serene
- Paracoridon* 1991
- Paralimopsis* 1991
- Parapalicus* 1981 with Serene
- Pseudopalicus* 1981 with Serene

Species

42 valid

HONORS

Kasim Manning 1995 (Crustacea)

Mohammad Shamim Jairajpuri

March 1, 2024

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

Mohammad Shamim Jairajpuri, Indian helminthologist (Azamgarh District, Uttar Pradesh State 08 April 1942 –

Considered a world authority on plant and soil nematodes

Authored over 25 books and monographs and 400 research papers

DESCRIBED NEMATODA TAXA

Genera & Subgenera

Acephalodorylaimus 1982 with Ahmad

Actus 1973 with Baqri

Amphilobendira 1987 with Rahman, Ahmad & Ahmad

Amphitylencholaimus 1992 with Ahmad

Annulospira 1969 with Siddiqi

Aporcedorus 1983 with Ahmad

Arcidorylaimoides 1992 with Ahmad

Athernema 1978 with Ahmad

Athusia 1976 with Anwar

Axodorylaimellus 1980 with Ahmad

Baqriella 1998 with Ahmed

Basirotyleptus 1964

Belondorylaimellus 1980 with Ahmad

Calvatylus 1977 with Siddiqi

Cephalodorylaimellus 1980 with Ahmad

Clarkus 1970

Clavidorylaimellus 1980 with Ahmad

Clavilenchus 1966

Comiconchus 1982 with Khan

Coomansinema 1989 with Ahmad

Coomansus 1977 with Khan

Coronatylencholaimellus 1992 with Ahmad

Crestonchulus 2002 with Siddiqi

Curvidorylaimus 1982 with Rahman

Digidorylaimoides 1992 with Ahmad

Disctylencholaimus 1992 with Ahmad

Divittus 1984

Dominicactinolaimus 1992 with Ahmad

Dorella 1984

Dorsalla 1966

Drepanodorylaimus 1966

Duriella 1999 with Dhanam

Elongidorylaimellus 1980 with Ahmad

Farooqifilaria 1970 with Siddiqi

Filidorylaimellus 1980 with Ahmad

Francofilaria 1970 with Siddiqi

Francolinema 1970 with Siddiqi

Goferus 1992 with Ahmad

Gopalus 1988 with Khan & Ahmad

Gymnotyleptus 1982 with Ahmad

Hadronchoides 1983 with Rahman

Imphalenchus 1980 with Dhanachand

Jensenonchus 1982 with Khan
Kunjudorylaimus 2000 with Dhanam
Leptotylencholaimus 1992 with Ahmad
Longidorylaimoides 1992 with Ahmad
Loofilaimus 1998 with Ahmad & Sturhan
Megaonchulus 1982 with Khan
Mesodorylaimellus 1980 with Ahmad
Metadorylaimus 1966 with Goodey
Metadorylaimellus 1980 with Ahmad
Metarhabditis 2004 with Tahseen, Hussain, Tomar & Shah
Micatonchus 2001 with Tahseen & Choi
Miconchoides 1982 with Khan
Morasia 1969 with Baqri
Mulkorhynchus 1988
Neodolichorhynchus 1984 with Hunt
Neometadorylaimus 1992 with Ahmad
Nepalus 1980 with Ahmad
Nordia 1964 with Siddiqi
Nygellolaimellus 1999 with Dhanam
Oostenbrinkella 1965
Opisthodorylaimus 1982 with Ahmad
Ophisthotylencholaimus 1992 with Ahmad
Ophisthotyleptus 1992 with Ahmad
Orientylus 1977 with Siddiqi
Oxybelondira 1979 with Ahmad
Paracrassibucca 1973 with Baqri
Paractinolaimoides 1994 with Khan & Ahmad
Paraenchodelus 1980 with Ahmad
Paraleptonchus 1999 with Dhanam
Paramylonchulus 1982 with Khan
Paraoxybelondira 1999 with Dhanam
Paraoxydirus 1979 with Ahmad
Parkellus 2001 with Tahseen & Choi
Paurodontoides 1969 with Siddiqi
Phallaxonchium 1979 with Dhanachand
Prodolichorhynchus 1985
Prodorylaimellus 1980 with Ahmad
Promiconchus 1982 with Khan
Protylencholaimus 1992 with Ahmad
Pseudotylencholaimus 1992 with Ahmad
Qudsiinema 1965 & *Qudsiella* 1967 (in honor to his mother Qudsia)
Rotundus 1980 with Ahmad
Sclerolaimus 1992 with Ahmad
Scutylenchus 1971
Silvallis 1986 with Ahmad
Spiculaxonchium 1992 with Ahmad
Stopractinca 1994 with Khan & Ahmad
Tessellus 1984 with Hunt
Unigaxonchium 1999 with Dhanam
Willinema 1967 with Baqri

Species

Over 500

HONORS (Nematoda)

Genus *Moshajja* Siddiqi 1982

Subgenus *Shamimonema* Chawla, Khan & Prasad 1965

Mohammed Babar Mirza

April 7, 2024

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

Mohammed Babar Mirza, Indian parasitologist and helminthologist (Hyderabad 08 December 1900 – Germany 21 June 1976)

DESCRIBED HELMINTH TAXA

Genera (Nematoda)

Diserratosomus 1933

Setarospiculum 1939

Species

Cyrnea coraci 1938

Enterobius zakiri 1956 with Siddiqi

Physaloptera achari 1935

Physaloptera fulleborni 1934 with Singh

Physaloptera masoodi 1934

Seratospiculum varani 1939 with Basir

Spirura narayani 1938

Strongyloides akbari 1935 with Narayan

Sublura hindi 1936

Syphacha sciuri 1934 with Singh

HONORS (Nematoda)

Mirzaiella Basir 1942

Mirzaloptera Wason & Johnson 1977

Mohammed Khalil

March 2, 2024

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

Mohammed Khalil Abdel Khalek, Egyptian parasitologist and helminthologist (1895 – 07 December 1950)

ACHIEVEMENTS

Explained the *Wuchereria bancrofti* microfilariae nocturnal periodicity

Developed Khalil method for detecting ova of intestinal parasites in human stools being a modification of Kofoed-Barber method (1924)

Introduced foudadin (Stibophen) for treatment of schistosomiasis by intramuscular injections

With M.H. Betache. Treatment of the bilharziasis with a new compound “foudadin”. Lancet 215 (5553):234–5, 1930

Developed Khalil swab for diagnosis of schistosomiasis

Described 4 methods for detecting *Schistosoma* ova in stool

With M. Salah el Din. The microscopical diagnosis of intestinal schistosomiasis. Trans. Roy. Soc. Trop. Med. Hyg. 23(5):519–24, 1930

With A. Hassan. A preliminary note on a new skin reaction in human Schistosomiasis. Journal Egyptian Med. Assoc. 15:129–30, 1932

DESCRIBED GENERA

Nematoda

Ibrahimia 1932

Leiperenia 1922

Mazzia 1932

Memphisia 1922

Tawila 1932

Travassosius 1922

Trematoda

Kasr? 1932

Loutfia 1937 (with Abdel Azim)

Species

26 (21 in Nematoda, 4 in Trematoda and one in Cestoda)

HONORS

Khalilia Neveu-Lemaire 1924 (Trematoda)

Monckeberg family

April 7, 2024

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

Fernando Rafael Monckeberg Barros, Chilean nutritional pediatrician (Santiago de Chile 26 June 1926 –

Authored over 130 papers, 60 book chapters and 12 books

Authored relevant studies about jejunal mucosa in infant malnutrition-mental

With A. Reid, O. Brunser, A. Maccioni & I. Contreras. Jejunal biopsies in infant malnutrition with special reference to mitotic index. *Pediatrics* 38:605-12, 1966

With A. Reid, O. Brunser, A. Maccioni & I. Contreras. Jejunal mucosa in infant malnutrition. *Am. J. Clin. Nutr.* 21:976-83, 1968

Distinguished marasmus from kwashiorkor

With O. Brunser, G. Donoso, H. Flores, A. Maccioni, M. Perretta & A. Stekel. Marasmus y kwashiorkor. Dos entidades clinicas diferentes (1988)

Other contributions

With A. Salinas & F. Bias. Immunological detection of growth hormone in normal human urine. *Lancet* 2:302, 1963

DEVELOPED METHODS / PATENTS

With E. Yañez, D. Ballester, N. Merchack, S. Jarpa, J. Martner, M. Alvarez, J. Alvear & I. Contreras et al. Development of a food formulation (Fortsean) for pre-school children. *Arch. Latinoam. Nutr.* 26(4): 426-47, 1976

With D. Ballester, R. Rodrigo, J. Nakouzi, C.O. Chichester & E. Yañez. Rapeseed meal. III. A simple method for detoxification. *J. Scien. Food Agric.* 21(3):143-4, 1970

Process for the extraction of toxic substances from a presscake of *Brassica napus* USPTO 3,615,648 (1968)

Developed Monckeberg serum for rapid treatment of dehydration (World Health Organization adopted it with some modifications)

HONOURS

Pediatrician of Year in the World, American Academy of Pediatrics (1985)

Award, World Foundation for Health and Peace (1985)

Award, International Union of Nutritional Science (1993)

His uncle, Carlos Monckeberg Bravo, Chilean obstetrician (Santiago 22 October 1885 – Santiago 06 July 1954)

His scientific works gained international repercussion

Demonstrated that Koch bacillus can be transmitted via placental circulation

With J.M. Vergara Keller. Contribución al estudio de la herencia tuberculosa (1924)

First to describe nephropathy in pregnancy as an independent entity

Nefropatías de la gestación (1927)

His book *problemas de clinica obstetrica* was prefaced by famous French obstetrician Paul Bar

Monge family

April 7, 2024

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

Carlos Monge Medrano, Peruvian physician (Lima 13 December 1884 – Ancón, Lima 15 February 1970)

Authored over 150 scientific works on medicine, parasitology, biology, Andean pathology, anthropology and history

Described Monge disease or chronic mountain sickness (1925) its symptomatology and pathogeny

Defined physiological and anatomical mechanisms of adaptation to high elevations

Showed that coca leaf chewing played a role in aiding the metabolism in high-altitude populations

Proposed the concept of Andean Biology

HONORS

Doctor Honoris Causa, University of Chicago (1948)

His son Carlos Augusto Monge Cassinelli, physician (Lima 01 September 1921 – Lima 25 February 2006)

Authored over 600 publications on diverse fields such as renal disease and biology of animals adapting to the high altitudes

Regarded as world authority on high altitude diseases

ACHIEVEMENTS

First presented the lactate paradox (1948)

With G. Whitembury & A. Cazorla first to study the pulmonary blood volume in altitude inhabitants (1950s)

First demonstrated that anurans show adaptation to the high altitude environment

Developed a classic log-log graph relating the P50 to the animal weight

Distinguished phenotypically adapted animals from genotypically adapted animals relative to life in high altitudes

Showed that hematocrit rises significantly with age at high altitudes

Defined quantitatively the physiopathological mechanisms that gave rise to the appearance of Chronic Mountain Sickness

Enunciated the concept of concentration of optimal hemoglobin for life at high altitudes

Showed an inverse correlation between the hematocrit and the renal plasma flow

Developed a method for the measurement of hexametonium in blood showing its extracellular distribution

Developed sensors that enable continuous measurement of arterio-venous content of oxygen and P50 (1980s)

HONORS

Honorary Member, American College of Physicians (1978) & University of Alabama (1980)

IX International Hypoxia Symposium, Lake Louise, Alberta (1995) dedicated to him

LINKS

<http://books.google.com.br/books?id=DHeWsj6nHzQC&pg=PT294&lpg=PT294&dq=monge+cassinelli+9&source=bl&ots=VQfsCLRRM5&sig=LaqdDWg1Y9DXnRV2BVE9xcDeR7g&hl=pt-BR&sa=X&ei=p-ZlUln8KpTQ8wT09YH4Bg&sqi=2&ved=0CDkQ6AEwAw#v=onepage&q=monge%20cassinelli%209&f=false> See <http://books.google.com.br/books?id=DHeWsj6nHzQC&pg=PT294&lpg=PT294&dq=monge+cassinelli+9&source=bl&ots=VQfsCLRRM5&sig=LaqdDWg1Y9DXnRV2BVE9xcDeR7g&hl=pt-BR&sa=X&ei=p-ZlUln8KpTQ8wT09YH4Bg&sqi=2&ved=0CDkQ6AEwAw#v=onepage&q=monge%20cassinelli%209&f=false>

<http://books.google.com.br/books?id=DHeWsj6nHzQC&pg=PT294&lpg=PT294&dq=monge+cassinelli+9&source=bl&ots=VQfsCLRRM5&sig=LaqdDWg1Y9DXnRV2BVE9xcDeR7g&hl=pt-BR&sa=X&ei=p-ZlUln8KpTQ8wT09YH4Bg&sqi=2&ved=0CDkQ6AEwAw#v=onepage&q=monge%20cassinelli%209&f=false>

Montenegro brothers

April 7, 2024

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

Benedito Augusto de Freitas Montenegro, Brazilian surgeon (Jau, São Paulo State 07 April 1888 – São Paulo 22 August 1979)

From Spanish father

Internationally known as a great name in gastro duodenal surgery

Performed the first total gastrectomy in Americas (1923)

Developed a number of surgical methods between them Montenegro method or Finsterer-Montenegro method for treating gastro duodenal ulcers

Eponym of Montenegro ligament

As a soccer player played for Associação Atletica Mackenzie (1902-5)

LINKS

www.cbccsp.org.br/redator/item13663.shtml

His brother, João Baptista de Freitas Montenegro, anatomical pathologist (Bocaina, São Paulo State 05 October 1892 – São Paulo 19 December 1980)

Described Montenegro reaction or test for cutaneous leishmaniasis

A cutis reação na leishmaniose. An. Fac. Med. São Paulo 1:323-330, 1926

Cutaneous reaction in Leishmaniasis. Archiv. Dermat. Syphilol. 13:187-94, 1926

Performed the first experimental model for paracoccidioidomycosis research (1927)

Morna Mathias

April 7, 2024

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

Frances Celia Morna Mathias, English-born South African petrologist and geochemist (20 May 1913 –

Nee Frances Celia Morna Cameron-Swan being granddaughter of physicist and chemist Joseph Wilson Swan

SOME BIBLIOGRAPHY

With J.J. Gurney, J.C. Siebert & G. Moseley. Kyanite eclogites from the Rietfontein kimberlite pipe, Mier Coloured Reserve, Gordonia, Cape Province. *Contr. Mineral. Petrol.* 30:46-52, 1971

With J.C. Siebert & P.C. Rickwood. Some aspects of the mineralogy and petrology of ultramafic xenoliths in kimberlite. *Contr. Miner. Petrol.* 26:75-123, 1970

With P.C. Rickwood. Diamondiferous eclogite xenoliths in kimberlite. *Lithos* 3:223-5, 1970

With P.C. Rickwood. Ultramafic xenoliths in the Matsoku kimberlite pipe, Lesotho. *Spec. Publ. Geol. Soc. South Africa* 2:358-69, 1969

With P.C. Rickwood & J.C. Siebert. A study of garnets from eclogite and peridotite xenoliths. *Contrib. Mineral. Petrol.* 19:271-07, 1968

A disharmonious granite: the Spitzkop granite, South West Africa. *Trans. Geol. Soc. South Africa* 65(1):281-92, 1962

With H. Martin & E.S.W. Simpson. The Damaraland sub-volcanic ring complexes in South-West Africa (1960)

The geochemistry of the Messum igneous complex, S.W. Africa. *Geochim. Cosmochim. Acta* 12:29, 1957

Petrology of Messum Joneous complex. *Trans. Geol. Soc. South Africa* LIX:1-35, 1956

A note on two actinolites and a chlorite from Prieska District, C.P. *Trans. Geol. Soc. South Africa* 55:13-18, 1953

An unusual cordierite rock from Upington, Cape Province. *Miner. Mag.* 29:936-45, 1952

Two olivines from South Africa melilite-basalts. *Mineral Mag.* 28(204):486-91, 1949

With F. Walker. Petrology of two granite-slate contacts at Cape Town. *Geol. Soc. London Quart. J.* 102(1-4):499-521, 1947

Contribution to the Petrology of Namaqualand (1943). Thesis

A comparative study of the Namaqualand granites. *Trans. Geol. Soc. S. Africa* XLIII:175-203, 1940

Occurrence of barite in a iron ore deposit in Namaqualand (1940)

Application of pedological methods to the study of some weathered Mahnesbury Agrillitites of Cape Peninsula. *Trans. Royal Soc. South Africa* 21

HONORS

Mathiasite Haggerty, Smyth, Erlank, Rickard & Danchin 1983 (Mineral)

Moura Brasil family

April 7, 2024

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

José Cardoso de Moura Brasil, Brazilian ophthalmologist (Iracema, Ceará State 10 February 1846 – Rio de Janeiro 01 January 1928)

He was chief of L. Wecker ophthalmological clinic at Paris

Developed a new process for cataract extraction employing a mixed flap with iridotomy

Ophtalmología. Novo processo para a extracção da catarata: extracção por um pequeno retalho mixto com iridotomia. União Médica, 1881

First used jequirity oil in ophthalmology

Memoire sur le jequirity. Traitement de la conjunctivite granuleuse, aigue et chronique par l'Abrus precatorius ou jequirity. Ann. Ocul. 301, 1882

Developed an eye drops that bears his name (1913)

SOME BIBLIOGRAPHY

Tratamento cirúrgico da catarata (1872)

Contribuição para o estudo comparativo dos diversos processos operatórios no tratamento das affecções oculares. Rev. Med. Bahia, 1877

Tratamento Cirúrgico para o Descollamento de Retina (1879)

Aníria ou falta completa da íris. Arch.Med. Cir. Farm. Brasil 1:7, 1880

Do emprego das correntes continuas nas affecções lymphaticas da conjunctiva e da córnea. Arch.Med. Chir. Farm. Brazil 4:7, 1880

Contribuição para o estudo comparative de diversos processos operativos no tratamento das afecções oculares (1880)

Escleretomia dupla no tratamento do glaucoma. União Médica, 1881

L'ophtalmie purulent factice produite par La liane à reglisse au jequirity: memoire. Gaz. Hebd. Med. Cir. 835, 1882

Do uso e abuso do fumo, cegueira dos fumantes. Arch.Med. Cir. Farm. Brazil 5-6: 1881

Cancro infectante das palpebras (1889)

Deslocamento da retina e seu tratamento (1889)

Da extracção da catarata simples sem iridectomia e suas vantagens (1901)

Estudos sobre o jiquirity no tratamento do trachoma

Variação da tensão intraocular nas raças branca, mestiça, preta e indígena

His relative, Nelson Moura Brasil do Amaral, ophthalmologist (Rio de Janeiro 26 August 1900 – Rio de Janeiro 07 June 1980)

Nova orientação no tratamento do trauma

Novo método de operação da catarata

Eponym of Arruga-Moura Brasil intra-tenonian implant

Mu-Shik Jhon

March 1, 2024

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

Mu-Shik Jhon, South Korean physical chemist (Daegu 22 January 1932 – 13 August 2004)

Authored over 250 scientific publications

Announced that water exist in the form of combinations of 5 (pentagonal) or 6 (hexagonal) water molecules (1990s)

EPONYMY

Eyring-Jhon parameters

Hobbs-Jhon-Eyring domains

Eyring-Jhon equation

Muhammad Osman Ghani

February 29, 2024

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

Muhammad Osman Ghani, Bengali agricultural chemist and pedologist (Gozadia Village, Kishoregan District, Bengal Presidency 01 March 1912 – Dhaka 21 July 1989)

SOME BIBLIOGRAPHY

With K.A. Hasan & H.A. Talukder. Effect of cowdung and water hyacinth on the aggregation of a red soil of Dacca. Pak. J. Soil Sci. 3(1):26, 1957

With M.A. Mannan & K.A. Hasan. Studies on the effect of fish meal and bone meal on the growth of Aus paddy in pot-culture experiments. Agr. Pakistan 14(2):200-3, 1963

The use of 8-hydroxy quinoline as means of blocking active iron and aluminium in the determination of available phosphoric acid of soils by dilute acid extractions. Ind. J. Agric. Sci. 13:562-65, 1962

With K.A. Hasan & M.A. Mannan. Studies on the value of bone meal and fish as phosphatic fertilizers. Pakistan J. biol. Agr. Sci. 4(1):44-52, 1961

With K.A. Hasan & H. A. Talukder. Pore size distribution in Dacca soil at various depths (1958)

With K.A. Hassan & A.Ali. Effect of peat on aggregation of soil (1956)

With K.A. Hasan & M.F.A. Khan. Effect of liming on aggregation, noncapillary por space, and permeability of a lateritic soil. Soil Sci. 80:469-78, 1955

With A.F.M. Rahman. Composition of cow milk and the presumptive standard for milk. Pakistan J. Sci. 6:203-6, 1954

With K.A. Hasan. Non-capillary pore space in Dacca soil. (1954)

Use of radioactive isotopes as tracers in biochemical and agricultural research (1952)

With M.A. Islam. Phosphate fixation in acid soils and its mechanism. Soil Sci. 62:293-306, 1946

With A.K.M. Fazlul Haque. Studies on the boron status of some Bengal soils. Ind. J. Agric. Sci. 15:257-62, 1945

Fractionation of soil phosphorus. III. The organic phosphorus fraction. Ind. J. Agric. Sci. 14:261-7, 1944

With S.A. Aleem. Studies on the distribution of different forms of phosphorus in some Indian soils. Ind. J. Agric. Sci. 13:283-8, 1943

With S.A. Aleem. Fractionation of soil phosphorus II. Chemical nature of the phosphorus fractions. Ind. J. Agric. Sci. 13:142-7, 1943

Fractionation of soil phosphorus. I. Method of extraction. I. Ind. J. Agric. Sci. 12:29-45, 1943

With S.A. Aleem. Effect of liming on the transformation of phosphorus in acid soils. Indian J. Agric. Sci. 12:873-82, 1942

Determination of organic phosphorus in alkali extracts of soils. Indian J. Agric. Sci. 12:336-40, 1942

Fractionation of phosphoric acid in organic manures. Indian J. Agric. Sci. 11:954-8, 1941

With M.A. Islam. Use of 8(OH) quinoline and selenious acid in determining available phosphorus. Soil Sci. 84:445, 1937

With K.P. Basu, M.C. Nath & R. Mukherjee. Extraction and chemical analysis of the proteins of green gram (*Phaseolus mango*), lentil (*Lens esculenta*) and khesar (*Lathyrus sativa*). Ind. J. Med. Res. 24:1027-42, 1936

With K.P. Basu & M.C. Nath. Biological value of the proteins of green gram (*Phaseolus mungo*) and lentil (*Lens esculenta*). Part II. Ind. J. Med. Res. 23:811, 1936

With K.P. Basu & M.C. Nath. Biological value of the proteins of green gram (*Phaseolus mungo*) and lentil (*Lens esculenta*). Part I. Ind. J. Med. Res. 23:789, 1936

An attempt to fractionate the phosphorus compounds of soils

Muhammad Ramzan Mirza

April 7, 2024

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

Muhammad Ramzan Mirza, Pakistani ichthyologist (1936 –

DESCRIBED VALID PISCES TAXA

Genus

Naziritor 1985 with Javed

Species

Barilius naseeri 1986 with Rafiq & Awan

Barilius pakistanicus 1978 with Sadiq

Batasio pakistanicus 1989 with Jan

Clupisoma naziri 1973 with Awan

Gagata pakistanica 1999 with Parveen & Javed

Glyptothorax pemjabensis 1971 with Kashmiri

Glyptothorax sufii 1975 with Asghar Bashir

Nangra robusta 1973 with Awan

Naziritor zhobensis 1967

Paraschistura alepidota 1970 with Banarescu

Paraschistura lepidocaulis 1981 with Nalbant

Paraschistura lindbergi 1965 with Banarescu

Paraschistura microlabra 1981 with Nalbant

Paraschistura naseeri 1963 with Ahmad

Schistura afasciata 1981 with Banarescu

Schistura anambarensis 1970 with Banarescu

Schistura arifi 1981 with Banarescu

Schistura curtistigma 1981 with Nalbant

Schistura fascimaculata 1981 with Nalbant

Schistura harnaiensis 1969 with Nalbant

Schistura kohatensis 1981 with Banarescu

Schistura machensis 1970 with Nalbant

Schistura macrolepis 1981 with Banarescu

Schistura pakistanica 1969 with Banarescu

Schistura shadiwalensis 1981 with Nalbant

Schizothorax skarduensis 1978 with Awan

Sisor pakistanicus 2001 with Javed

Triplophysa trewavasae 1990 with Ahmad

Mukul Ranjan Kundu

March 2, 2024

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

Mukul Ranjan Kundu, Indian-born US radio astronomer (Kolkata, 10 February 1930 – Colesville, Maryland 17 June 2010)

ACHIEVEMENTS

Demonstrated the existence of a close correlation between the solar radio flux at a wavelength of 10.7 cm and the level of ionization of the Earth's ionospheric E-layer with J.F. Denisse (1957)

Made the first observations of the coronal magnetic structure of solar active regions (1958)

Built the first-one dimensional earth-rotation synthesis interferometer suited for solar studies (1959)

Established the presence of two distinct phases in the continuum emission with F. Haddock (1961)

Showed for the first time that sunspots may display a ring structure at centimeter wavelengths with C.E. Alissandrakis (1982)

Discovered that acceleration to MeV energies is common to most flares (1994)

LINKS

[Http://www.astro.umd.edu/~white/Hale/hale.html](http://www.astro.umd.edu/~white/Hale/hale.html) See <http://www.astro.umd.edu/~white/Hale/hale.html>. (with biography, achievements and curriculum vitae)

Murilo Rodolfo de Lima

March 6, 2024

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

Murilo Rodolfo de Lima, Brazilian paleontologist (Recife 02 December 1945 – São Paulo 27 March 1995)

DESCRIBED FOSSIL SPORAE AND POLLEN

Genera

Cavamonocolpites 1978

Crotonipollis 1976

Regalipollenites 1980

Species

Cavamonocolpites punctatus 1978

Cornetipollis perforata 1978

Crotonipollis araripensis 1976

Crotonipollis dubius 1976

Crybelosporites truncatus 1979

Deltoidospora tenuis 1978

Equisetosporites costaliferous 1980

Equisetosporites crenulatus 1981

Equisetosporites elegans 1980

Equisetosporites elongatus 1980

Equisetosporites fissuratus

Equisetosporites fragilis 1980

Equisetosporites lanceolatus 1980

Equisetosporites laticostatus 1980

Equisetosporites leptomatus 1980

Equisetosporites luridus 1980

Equisetosporites minuticostatus 1980

Equisetosporites reyrei 1981

Equisetosporites strigatus 1980

Equisetosporites subcircularis 1980

Gnetaceapollenites jansonii 1980

Gnetaceapollenites ornatus 1980

Gnetaceapollenites perforatus 1980

Gnetaceapollenites retangularis 1978

Gnetaceapollenites santosii 1980

Gnetaceapollenites uesuguii 1980

Matonisporites silvai 1979

Paludites mamelonatus 1979

Penetetrapites incipiens 1978

Singhia acicularis 1980

Singhia crenulata 1980

Singhia minima 1980

Singhia punctata 1980

Singhia reyrei 1980

Stellatopollis araripensis densiornatus 1976

Stellatopollis densiornata 1986

Ostracoda

Species

Circulina minima 1979

HONORS (Fossil)

Limaephyton & *Limaephytophyllum* Sucerquia 2006 (Plantae)

Limaia Martins-Neto & Vulcano 1989 (Neuroptera)

Mutis family

April 7, 2024

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

José Celestino Mutis y Bosio, Spanish-born Colombian botanist and geographer (Cadiz 06 April 1732 – Santafé de Bogotá 11 September 1808)

Described nocturnal variations in barometer

Discovered daily salty air in the tropics

Created a specific for dysentery (1810)

DESCRIBED PLANTAE TAXA

Valid Genera

Acaena 1771

Barnadesia 1781

Bejaria 1771

Castilleja 1782

Consuegria 1810 (*Incertae Sedis*)

Escallonia 1821

Espeletia 1808

Lozania 1810

Manettia 1771

Pera 1784

Pombea 1810 (*Incertae Sedis*)

Vallea 1782

Species

About 70

HONORS (Asteraceae)

Mutisia Linnaeus filius 1782

Flosmutisia Cuatrecasas 1986

His nephew, Sinforoso Mutis Consuegra, Colombian botanist (Bucaramanga 15 July 1773 – Bogotá 22 August 1822)

Described the section *Amaria* 1810 (Fabaceae)

Honored in genus *incertae sedis Consuegria* Mutis (1810)

Naércio Aquino Menezes

April 7, 2024

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

Naércio Aquino Menezes, Brazilian ichthyologist (Aracaju 27 May 1937 –

DESCRIBED VALID PISCES TAXA

Genera

Amphiarius 2007 with Marceniuk

Bryconadenos 2005 with Weitzman, Evers & Burns

Carlarius 2007 with Marceniuk

Chrysobrycon 1998 with Weitzman

Lepidocharax 2011 with Ferreira & Quagio-Grassiotto

Nematocharax 1986 with Weitzman & Britski

Phallobrycon 2009 with Ferreira & Netto-Ferreira

Potamosilurus 2007 with Marceniuk

Species

61 (until 2019)

LINKS

<http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

Nahum Joel

March 1, 2024

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

Nahum Joel S., Chilean crystallographer (07 August 1924 – Santiago 07 August 2010)

With C. Martinoya created the chromatic abstractoscope or abstract painting robot (1960; published in 1968)

With W.A. Wooster. On six new relations between the elastic constants of crystals. *Acta Cryst.* 14:571, 1961

With I.D. Muir. New techniques for the universal stage. I. An extinction curve method for the determination of the optical indicatrix. *Min. Mag.* 31:860, 1958

With R. Vera & I. Garaycochea. A method for the estimation of transmission factors in crystals of uniform cross section. *Acta Cryst.* 6:465, 1953

A method to determine the optical indicatrix of small crystals. *Min. Mag.* 29:206, 1950

A stereographic construction for determining the optical axes of a biaxial crystal directly from a few extinction measurements

Papers in Nature

With W.A. Wooster. Number of elastic constants required in crystal elasticity. *Nature* 182:1078, 1958

With W.A. Wooster. Theories of crystal elasticity. *Nature* 180 (4583):430-1, 1957

HONOURS

ICPE Medal (1992)

Nai Ben Ming

April 7, 2024

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

Nai Ben Ming or Naben Min, Chinese crystal physicist (Jiangsu Province 09 August 1935 –

Developed etching method for revealing dislocation lines and networks in body centered cubic crystals

First to observe the birefringence image of end on screw dislocations and gave it a detailed explanation according to the anisotropy of both elastic and photoelastic properties of crystals

Described the defect mechanism of crystal growth based on atomic configurations around defects and its intrinsic properties

Generalized the screw dislocation mechanism to the growth mechanism assisted by any type of dislocation proposing new growth mechanisms

Proposed the stacking fault, twin lamella, re-entrance corner-assisted growth mechanism and the cooperative growth mechanism of re-entrance corners with rough surface

First to show the physical nature of electroconvection and its role in pattern selection on electrocrystallization

Proposed a new pattern selection hypothesis in morphological evolution

Demonstrated experimentally the role of convective noise near growing interface on the morphology selection and evolution in crystallization

Revealed the intrinsic oscillation of concentration field in front of a growing interface and periodic nucleation in fractal aggregation

Extended the concept of superlattice from semiconductor to dielectrics

First to prepare LN, LT, BNN, SBN & TGS crystals with periodic semistructures

Demonstrated the practical application of quasiperiodic superlattice in nonlinear optical field

Predicted and proved a new mechanism for optical bistability in bidimensional dielectric superlattice

LINKS

<http://www.hhl.org.cn/english/showsub.asp?id=253>

Nanuza Luiza de Menezes

April 7, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Nanuza Luiza de Menezes, Brazilian plant morphologist (São Roque, São Paulo State 27 September 1934 –

Described a new kind of underground system in *Vernonia* species (Rhizophores)

With M.G. Sajo & R.A. Azevedo. Um novo e peculiar tipo de sistema subterrâneo em espécies de *Vernonia* da serra do Cipó, Minas Gerais, Brasil. Bol. Bot. Univ. S. Paulo 7(1):33-38, 1979

Described a new kind of fruit in Velloziaceae

With M.S. Souza. Um novo tipo de fruto em Velloziaceae. 58th Congr. Nac. Botanica v.1, 2007

First to show the presence of transfusion tracheids in a flower plant

Traqueídes de transfusão no gênero Vellozia Vand. Cien. Cult. 23(3):389-409, 1971

Named corona appendices

Natureza dos apêndices petalóides em Barbacenioidae (Velloziaceae). Bol. Zool. Biol. Mar. NS 30:713-55, 1973

Named mestomatic sheath

Presença de traqueídes de transfusão e a bainha mestomática em Barbacenioidae (Velloziaceae). Bol. Bot. Univ. S. Paulo 3:29-60, 1975

Proposed the continuity of tissues between the root, stem and leaf in monocotyledons, the pericycle as a generating layer of vascular tissues and the endodermis as having a meristematic function in the root, stem and leaf

With D.C. Silva, R.C.O. Arruda, G.F. Melo de Pinna, V.A. Cardoso et al. Meristematic activity of the endodermis and the pericycle in the primary thickening in monocotyledons. Considerations on the “PTM”. Anais Acad. Bras. Cien. 77(2):259-74, 2005

DESCRIBED PLANTAE TAXA

Subfamilies

Barbacenioidae 1971

Vellozioidae 1971

Genera

Aylthonia 1971

Grazielanthus 1975

Burlemarxia 1991 with Semir

Subgenus

Grazielae 1980

Species

Barbacenia lymansmithii 1999 with Mello-Silva

Barbacenia tuba 2014 with Mello-Silva

Burlemarxia pungens 1991 with Semir

Burlemarxia rodriguesii 1991 with Semir

Pleurostima fanniae 1980

Pleurostima riparia 1988 with Mello-Silva

Vellozia auriculata 1999 with Mello-Silva

Vellozia everaldoi 2014 with Mello-Silva

Vellozia gigantea 1999 with Mello-Silva

Vellozia giuliettiae 2014 with Mello-Silva

Vellozia luteola 1988 with Mello-Silva

Vellozia semirii 2014 with Mello-Silva

Vellozia strangei 2014 with Mello-Silva

Xerophyta giuliettii 1995

HONORS

Nanuza Smith & Ayensu 1974 (Velloziaceae)

Elected, Linnean Fellow Society of London 1979

Naomi Millard

April 7, 2024

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

Naomi Adeline Helen Bokenham Millard, South African marine zoologist (Cape Town 16 July 1914 – 12 June 1998)

DESCRIBED VALID HYDROZOA TAXA

Family

Halopterididae 1962

Genera

Bicarona 1966

Corhiza 1962

Silhouetta 1973 with Bouillon

Uniscyphus 1977

Species

66

HONORS

Millardiana Wedler & Larson 1986 (Hydrozoa)

Napoleão João Baptista Level

March 6, 2024

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

Napoleão João Baptista Level, Brazilian naval engineer (Ilhéus, Bahia State 20 November 1828 – Paris 1915)

From French parents

ACHIEVEMENTS

The vessels that he designed and built are said to have unique and innovative features

Designed about 45 ships

Constructed Ipiranga corvette, one of firsts in the world with screw propeller (1852-4)

Designed a distinct tower for monitor warships

Built monitor warship Pará (1867) with the following innovations: armor-plated rotary conning tower with bulky gauge, propellant apparatus with 2 engines and 2 propellers and small load-draught

Built ironclad Sete de Setembro with fully metallic timbers

Nasrollah Khadem

March 2, 2024

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

Nasrollah Khadem, Iranian mining engineer (Tehran 1918 – 05 May 1999)

SOME BIBLIOGRAPHY

Types of copper ore deposits in Iran. Cento Symposium on Mining Geology and the Base Metals, Ankhara (1964)

Kaolin deposits of Iran. 23rd Int. Geol. Cong. 16:25–8, 1968

HONORS

Khademite Bariand, Berthelon, Cesbron & Sadrzadeh 1973 (Mineral)

Nawal Kishore Gupta

February 29, 2024

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

Nawal Kishore Gupta, Indian helminthologist and parasitologist (1917 – ?)

DESCRIBED HELMINTH TAXA

Genera

Buckleytrema 1956 (Trematoda)

Chelatrema 1970 with Kumari (Trematoda)

Cochinocotyle 1971 with Gupta (Trematoda)

Echinorhynchoides 1984 with Naqvi (Acanthocephala)

Indopodocotyloides 1979 with Sayal (Digenea)

Laccadivensia 1976 with Chanana (Monogenea)

Neotractis 1974 with Aggerwal (Nematoda)

Roparhynchus 1970 with Kumari (Trematoda)

Welchiella 1978 with Kaur (Nematoda)

Species

Over 70

HONORS

Guptatrema Yamaguti 1971 (Trematoda)

Nelamangala Vedavyasachar Madhusudana

April 7, 2024

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

Nelamangala Vedavyasachar Madhusudana, Indian physicist (Mysore, Karnataka State 09 May 1944 –

Authored over 160 papers

First to demonstrate the electromechanical coupling effects in cholesteric liquid crystals First to demonstrate the suppression induced by curvature in the smectic A phase of the crystals

Elucidated the phenomenon of smectic A phase with tilted molecules caused by off-axis molecular dipoles

Suggested an explanation for the anti-parallel correlations of near-neighborn molecules and apolar direction of highly polar compounds

Demonstrated the impact of flexoelectricity in nematic phase transitions

Discovered many relationships between elastic constants and molecular organizations

Discovered high strength defects in impure nematics

Found unusual growth phenomena in smectic A phase and smectic C liquid crystals

Found spontaneous chiral symmetry breaking in some smectic C cylinders

Discovered a new phase undulated twist grain boundary smectic C* with an extreme type in nature

Discovered the biaxial smectic A phase in mixture of bent-core and rod-like molecules and striking stripe structures in such a medium

Discovered an anomalous temperature dependency of elastic constants in the nematic phase of mixtures

Found an unusual “odd-even” effect in the properties of disulphide-bridged dimmers, depending on the chain length of the monomeric moiety

Showed that quenching of direct fluctuations by electric fields determines the field-induced enhancement of the nematic isotropic transition temperature

With S. Chandrasekhar & P.P. Kant developed a simple and direct method to measure twist elastic constant (1973)

Developed a technique to measuring the local temperature

LINKS

http://www.rri.res.in/htmls/library/imprints_collection/bios/madhusudana.html

Nelson Maculan Filho

April 7, 2024

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

Nelson Maculan Filho, Brazilian industrial and computational engineer (Londrina, Paraná State 19 March 1943 –

Created algorithms for use in the field of combinatorial optimization

Proposed formulation for s-directed spanning tree

With Armin Claus and independently of J. Beasley & R. Wong proposed a reformulation of Steiner graph problem through a digraph obtained from a G graph

OTHER CONTRIBUTIONS/SOME BIBLIOGRAPHY

With C.T. Bornstein, M. Portugal & L. de Lima Pinto. Multiobjective combinatorial optimization problems with a cost and several bottleneck objective functions: an algorithm with reoptimization. *Computers & Operations Research* 39:1969-76, 2012.

With R. Q. Nascimento, A.F. Uzeda & L.A.F. Cabral. A Model to the Ellipsoidal Filling Problem. *Vietnam Journal of Mathematics*, 40:345-54, 2012.

With Y.A. Frota, T.F. Noronha & C.C. Ribeiro. A branch-and-cut algorithm for partition coloring. *Networks (New York, N.Y. Print)* 55:437-44, 2010.

With J.A.M. Brito, M. Lila & F.M.T. Montenegro. An exact algorithm for the stratification problem with proportional allocation. *Optimization Letters* 4:185-95, 2010.

With D. Mauricio & L. Rivera. An efficient FFD method to solve the one-dimensional stock cutting problem. *GESTS International Transactions on Computer Science and Engineering* 61:25-36, 2010.

With A.S. Cunha, A.P. Lucena Filho & M.G.C. Resende. A Relax-and-Cut Algorithm for the Prize-Collecting Steiner Problem in Graphs. *Discrete Applied Mathematics* 157: 1198-17, 2009.

With M. S. Ibrahim & M. Minoux, A strong flow-based formulation for the shortest path problem in digraphs with negative cycles, *International Transactions in Operational Research (ITOR)* 16:361–9, 2009.

With L.S.B.S. Leite, Y.A.Frota, T.F. Noronha & C. C. Ribeiro, A branch-and-cut algorithm for equitable coloring based on a formulation by representatives. *Electronic Notes in Discrete Mathematics* 35: 347-52, 2009

With E. Amaldi, L. Liberti & F. Maffioli. Edge-swapping algorithm for the minimum fundamental cycle basis problem, *Mathematical Methods of Operations Research* 69: 205–3, 2009

With M. Drazic, C.C. Lavor & N. Mladenovic, A continuous variable neighborhood search heuristic for finding the three-dimensional structure of a molecule, *EJOR (European Journal of Operational Research)*, 185 (3):1265-73, 2008

With L. Liberti & C. C. Lavor. A branch-and-prune algorithm for the molecular distance geometry problem, *International Transactions in Operational Research (ITOR)*, 15:1-17, 2008

With E.F.G. Goldberg & M.C. Goldberg. A new neighborhood for the QAP. *Electronic Notes in Discrete Mathematics* 30:3-6, 2008.

With S. Kucherenko, P. Belotti & L. Liberti. New formulations for the kissing number problem. *Discrete Applied Mathematics* 155(14): 1793-1894, 2007

With E.M. Macambira & C. C. de Souza, A column generation approach for SONET ring assignment. *NETWORKS* 47 (3):157-71, 2006

With C.C. Lavor. A function to test methods applied to global minimization of potential energy of molecules. *Numerical Algorithm* 35(2-4):287-300, 2004

With C. Prata Santiago, E.M. Macambira & M.H.C. Jardim, An $O(n)$ algorithm for projecting a vector on the intersection of a hyperplane and a box in R^n . *Journal of Optimization Theory and Applications (JOTA)*, 117(3):553-74, 2003

With R. Hoto, M. Arenales & F. Marques. Um novo procedimento para o cálculo de mochilas compartimentadas. *Investigação Operacional* 22:213-34, 2002

With M. Fampa. A new relaxation in conic form for the Euclidean Steiner Problem in R^n . *RAIRO-Operations Research* 35(4): 383-94, 2001

With Ph. Michelon & S. Ripeau. Un algorithme pour la bipartition d'un graphe en sous-graphes de cardinalité fixée. *RAIRO – Operations Research*, 35(4):401-14, 2001

With M. Rozenthal, D.D. Lages & E. Engelhardt. Desenvolvimento de aplicativo usando inteligência artificial para classificação de pacientes esquizofrênicos segundo perfis neuropsicológicos. *Arquivos Brasileiros de Psiquiatria, Neurologia e Medicina Legal* 95(74):39-42, 2000

With H.H. Yanasse & N.Y. Soma. An algorithm for determining the k-best solutions of the one-dimensional knapsack problem. *Pesquisa Operacional* 20(1):117-134, 2000

With R. Figueiredo. O Problema do Caixeiro Viajante Assimétrico: Limites Inferiores e um novo Algoritmo de Separação. *Investigação Operacional* 20(2):127-46, 2000

With D. Mauricio. A Boolean penalty method for zero-one nonlinear programming. *Journal of Global Optimization* 16:343-54, 2000

With P. Michelon & A.E. Xavier. The Euclidian Steiner tree problem in R^n : A mathematical programming formulation. *Annals of Operation Research* 96:209-20, 2000

With H. Barbosa, F. Raupp, C. Lavor & H. Lima. A hybrid genetic algorithm for finding stable conformations of small molecules. *Proceedings of the Vith Brazilian Symposium on Neural Networks* 1:90–4, 2000

With C.C. Ribeiro, S.C.S. Porto & C.C. de Souza. A new formulation for scheduling unrelated processors under precedence constraints. *RAIRO-Operations Research* 33(1): 87-92, 1999

With L.S. Ochi & R.M.V. Figueiredo. A new self-organizing strategy based on elastic networks for solving the Euclidean traveling salesman problem. *Lectures Notes in Artificial Intelligence*, 1416: 479-87, 1998

With D. Mauricio. A relationship between global optimization and 0-1 nonlinear programming. *Pesquisa Operacional* 17(2):165-72, 1997

With M. Minoux & G. Plateau. A $O(n)$ algorithm for projecting a vector on the intersection of a hyperplane and R^n . *RAIRO- Operations Research* 31(1): 07-16, 1997

With D. Mauricio. A trust region method for zero-one nonlinear programming, *RAIRO – Operations Research* 31(4):331-41, 1997

With V. Parada-Daza. Un Nuevo Método de Solución para el Problema de Equilibrio de Tráfico Generalizado. *Revista del Instituto Chileno de Investigación de Operaciones (ICHIO)* 4(2):29-41, 1995

With D.J. Aloise. Uma classe de algoritmos aproximativos decrescentes para o problema “bin-packing”. *Revista Brasileira de Computação*, 6:3-12, 1993

With L. Pradenas-Rojas. Un Método de Solución para el Problema de Camino Mínimo con Múltiples Objetivos. *Investigación Operativa* 3:191-200, 1993

With H. Reinoso. Lagrangean decomposition in integer linear programming: A new scheme. *INFOR* 30:1-5, 1992

With A. Candia Vejar. Algoritmos de reducción para el problema de Steiner en dígrafos. *Trabajos Seleccionados del V CLAIO – Congreso Latino-Ibero-Americano de Investigación Operativa e Ingeniería de Sistemas*, 63-70, 1992

With P. Souza & A. Candia Vejar. Reduction tests for the Steiner problem in directed graphs. *Pesquisa Operacional*, 11(2): 48-56, 1991

With J.J.C. Salles. A lower bound for the shortest Hamiltonian path in directed graphs. *OR Spektrum*, 13: 99-102, 1991

With G.G. de Paula Jr. Uma heurística de decomposição primal para a solução de problemas não capacitados de localização de p-medianas. *Experientiae* 30(10):123-134, 1989

With G.G. de Paula Jr. A linear-time median-finding for projecting a vector on the simplex of R^n . *Operations Research Letters* 8:219-2, 1989

With Lomba Rosa, L.F. Algoritmo $O(n)$ para o problema de programação linear da mochila (knapsack) 0-1. *Pesquisa Operacional* 8:1-19, 1988

A New Linear Programming for the Shortest s-Directed Spanning Tree Problem. *Journal of Combinatorics, Information and System Sciences*. 11(2-4):53-6, 1986

With A.G. Alvarenga. Um método aproximado para a solução do problema de cortes de placas a duas dimensões. *Revista Brasileira de Engenharia, Caderno de Engenharia Naval* 3(1):79-90, 1986

With G.G. de Paula Jr. Desenvolvimento de uma metodologia para a solução de alocação ótima de tripulação em rotas aéreas. *Anais do XI Simpósio Brasileiro de Pesquisa Operacional* (1978).

HONOURS

Doctor Honoris Causa, Université Paris XIII & Université Paris Dauphine (2020)

LINKS

<http://www.scielo.br/pdf/pope/v23n1/a03v23n1.pdf>

<http://lsec.cc.ac.cn/~optim/CV-Prof.Maculan.pdf>

Nicolas J. Gutierrez

February 29, 2024

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

Nicolás José Gutierrez Hernandez, Cuban physician and naturalist (La Habana 10 September 1800 – La Habana 31 December 1890)

Performed the third ligation of inner hypogastric iliac artery in the world

Ligadura de la arteria iliaca externa. El Observador Habanero 2:107-113, 1844

DESCRIBED VALID LAND MOLLUSCA SPECIES

Chondropoma laetum 1858

Eutudorops torquata 1858

Zachrysis baracoensis 1856

Hemitrochus maculifera 1858

Polymita brocheri 1864

SOME BIBLIOGRAPHY

Aneurisma de la femoral. Repert. Med. Habanero 2(2):15-6, 1842

Terapeutica Quirurgica. Estrechez de la uretra. Repert. Med. Habanero 2(4):45-6, 1842

Tetanos. El Observador Habanero 1:78-84, 1844

Comunicación sobre amputación praticada com motivo de fractura del fémur derecho. El Observador Habanero 7:124-9, 1846

Relaciones entre la fiebre amarilla y la fiebre biliosa de los países cálidos. Anales Acad. Cien. Med, Fis Natur. La Habana 1:178-84, 1864

Aplicaciones del cloruro y sulfato de alumina em los embalsamamientos. Anales Acad. Cien. Med, Fis Natur. La Habana 7:658, 1871

Observaciones sobre uretrotomia externa. Anales Acad. Cien. Med, Fis Natur. La Habana 18:306, 1881

Comunicación de dos casos de monstruo ciclope. Anales Acad. Cien. Med, Fis Natur. La Habana 19:306, 1883

Caso de "egragópilos" en una mujer. Anales Acad. Cien. Med, Fis Natur. La Habana 21:143-66, 1884

HONORS

Genus *Gutierrezium* Torre & Bartsch 1938 (Mollusca: Bivalvia)

Vice-president, International Medical Congress, Washington, United States (1887)

Niyazi Lodos

March 6, 2024

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

Niyazi Lodos, Turkish entomologist (Zeytinliova, Manisa Province 1921 – 10 October 1997)

DESCRIBED NEW INSECTA TAXA

Coleoptera

Genus

Parhaptomerus 1979 with Osella

Species

Aomus bashi 1987 with Fremuth

Apion (Catapion) austroturcum 1977 with Bajtenov

Apion (Ceratapion) cystocephalus 1977 with Bajtenov

Apion (Ceratapion) efratense 1978 with Bajtenov

Apion (Metatrichapion) tigrense 1977 with Bajtenov

Apion (Taenapion) taviense 1980 with Bajtenov

Apion neorelictum 1977 with Bajtenov

Caryedon akdamaricus 1979 with Decelle

Eusonomorphus ilerii 1987 with Fremuth

Fremuthiella transversa 1977 with Bajtenov

Gymnetron (Gymnetron) mongolicum 1980 with Bajtenov

Lignyodes (Lignyodes) dieckmannii 1982 with Clark

Megamecus shevketi 1979

Melicius iranicus 1993 with Osella & Zuppa

Phloeophagus brignolii 1993 with Osella & Zuppa

Rhynchaenus (Pseudorchestes) deserti 1980 with Bajtenov

Subspecies

Hoplopteridius lutosus anatolicus 1979 with Osella

Hoplopteridius lutosus calaber 1979 with Osella

Hemiptera

Species

Aelia eminealkanata 1959

Aphorma renova 1980 with Klimaszewski

Cerna asetipennis 1980 with Klimaszewski

Cyamophila stoklosai 1979 with Klimaszewski

Eurygaster austriacus 1960

Eurygaster chinai 1963

Eutrioza bifasciata 1980 with Klimaszewski

Graphosoma alkani 1959

Spanioneura pechai 1977 with Klimaszewski

Spanioneura turkiana 1977 with Klimaszewski

HONORS (Hemiptera)

Lodosia Ahmad & Onder 1996

Lodosiana Ahmad & Abbas 1986

Lodosocoris Ahmad & Afzal 1986

Norbel Galanti

February 29, 2024

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

Norbel L. Galanti Garrone, Argentine-born Chilean biochemist and geneticist (Marcos Juarez, Cordoba Province 05 February 1938 –

With V. Jimenez, M. Henríquez & G. Riquelme described the first functional characterization of K⁺ conductive pathways in protozoan parasites (2011)

With U. Kemmerling & C. Bosco proposed a model for the vertical transmission of Chagas disease (2010)

With J.A. Dvorak, J. Grenet & J.P. McDaniel developed a reliable and reproducible method to induce synchrony of DNA synthetic cycle in Kinetoplastida (1994)

With M.V. Rojas first clearly demonstrated the presence of methylated bases in the nuclear DNA from trypanosomes (1990)

Norberto Galiano

February 29, 2024

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

Norberto Esteban Galiano, Argentine-born Brazilian cardiac surgeon (1942 –

First report in the world about coronarian artery opening employing catheterization

With R. Macruz, S. Ariê, E. Armelin, C. Frack, F. Pileggi et al. Enfarte agudo do miocárdio e choque. Tratamento por recanalização arterial através do cateterismo cardíaco. Arq. Bras. Cardiol. 25:197-204, 1972

First to perform a coronary angioplasty using Swan-Ganz balloon catheter (1974)

Devised systemic biventricular heart technique (1975) developed by Oliveira & Zerbini

With L.B. Puig, W. Ciongoli, G.V. Cividane, S. Teofilo Jr. et al. Lower epigastric artery as a free graft. A new alternative in direct myocardial revascularization. Arq. Bras. Cardiol. 50(4):259-61, 1988

With J.L. Haddad, A.A. Salgado, L.E. San Martín, C.A. Zapata, J.P. Silva & D. Bittencourt. Mammary-coronary anastomosis: a new technique of approach through the brachial route for angiographic study and angioplasty. Arq. Bras. Cardiol. 57(5):371-4, 1991

Nripendra Lal Lahiry

March 6, 2024

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

Nripendra Lal Lahiry, Indian food technologist (1914 – ?)

Developed many highly proteic foods for malnutrition as soya bean, peanut, fish, meat and poultry derivatives

A process to produce vegetable milk powder from two or more vegetable oilseeds

Proposed the use of ammonia for preserving fish (1963)

Ockert Stephanus Heyns

February 29, 2024

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

Ockert Stephanus Heyns, South African gynaecologist and obstetrician (Paarl, Cape Province 27 November 1906 – 1973)

Designed Heyns abdominal decompression apparatus

A device to improve foetal oxygenation. Trans. Coll. Phys. S. Afr. 5:1, 1961

SOME BIBLIOGRAPHY

With J. Black & J. Gillman. The value of basal fat in the human uterus as an indicator of optimum progesterone activity. J. Clin. Endocr. 1:547, 1941

A study of the Bantu female pelvis. J. Anatomy 78:151-66, 1944

Sexual differences in the pelvis. South Afr. J. Med. Science 12:17-20, 1947

Analgesia and anaesthesia in obstetrics. S. Afr. J. Med. 21(6):190-4, 1947

With J.E. Kerrich. The number of vertebrae in the fetal Bantu sacrum. Am. J. Phys. Anthropol. 5(1):67-78, 1947

The influence of x-ray measurements on the pelvic brim index. Br. J. Radiol. 20(229):31-3, 1947

Preliminary report on pelvic brim index (of Bantu). J. Obst. Gynecol. Brit Emp. 54:39-64, 1947

With E.C. Halliday. The activity of gravid uterus. J. Obst. Gynae. Br. Empire 59(3):309-22, 1952

With E.C. Halliday. Uterine activity and electrical response. J. Obst. Gynae. Br. Empire 62(2):155-61, 1955

With E.C. Halliday & G.W. Van Jacobs. Changes in mechanical properties of the cervix under the influence of pregnancy. J. Obst. Gynae. Br. Empire 65(3):409-13, 1958

Abdominal decompression in the first stage of labour. J. Obst. Gyn. Brit. Comm. 66:220-8, 1959

With W.A.B. Roberts & H.G. Smulian. Decompression: new aid in second and third stage of labor. J. Int. Coll. Surg. 34:333-43, 1960

With J.M. Samson & J.A.C. Graham. Influence of abdominal decompression on intra-amniotic pressure and fetal oxygenation. Lancet 1:289-92, 1962

With J. M. Samson & W.A.B. Roberts. An analysis of in fans who mothers had decompression during pregnancy. Med. Proc. 8(16):307-11, 1962

The improvement of foetal oxygenation by abdominal decompression. Bull. Soc. R. Belge Gynecol. Obst. 32:29-34, 1962

With J.A. Blecher. Abdominal decompression in the treatment of toxemia of pregnancy. Lancet 2:621-4, 1967

Octavio Mangabeira Filho

April 7, 2024

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

Octavio Mangabeira Filho, Brazilian medical entomologist (Rio de Janeiro 13 July 1913 – Salvador 04 May 1963)

Recognized as world authority on leishmaniasis vectors studies

World pioneer on morphology and determination of periods of development phases in Phlebotominae under laboratorial conditions

Standardized sandflies breeding under laboratorial conditions

DESCRIBED DIPTERA TAXA

Genera

Evandromyia 1941

Viannamyia 1941

Subgenera

Castromyia 1942

Pressatia 1942

Psychodopygus 1942

Species

About 50 Sandflies species

Olaf Mielke

April 7, 2024

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

Olaf Hermann Hendrik Mielke, German-born Brazilian entomologist (Bonn 12 June 1941 –

DESCRIBED LEPIDOPTERA TAXA

Genera

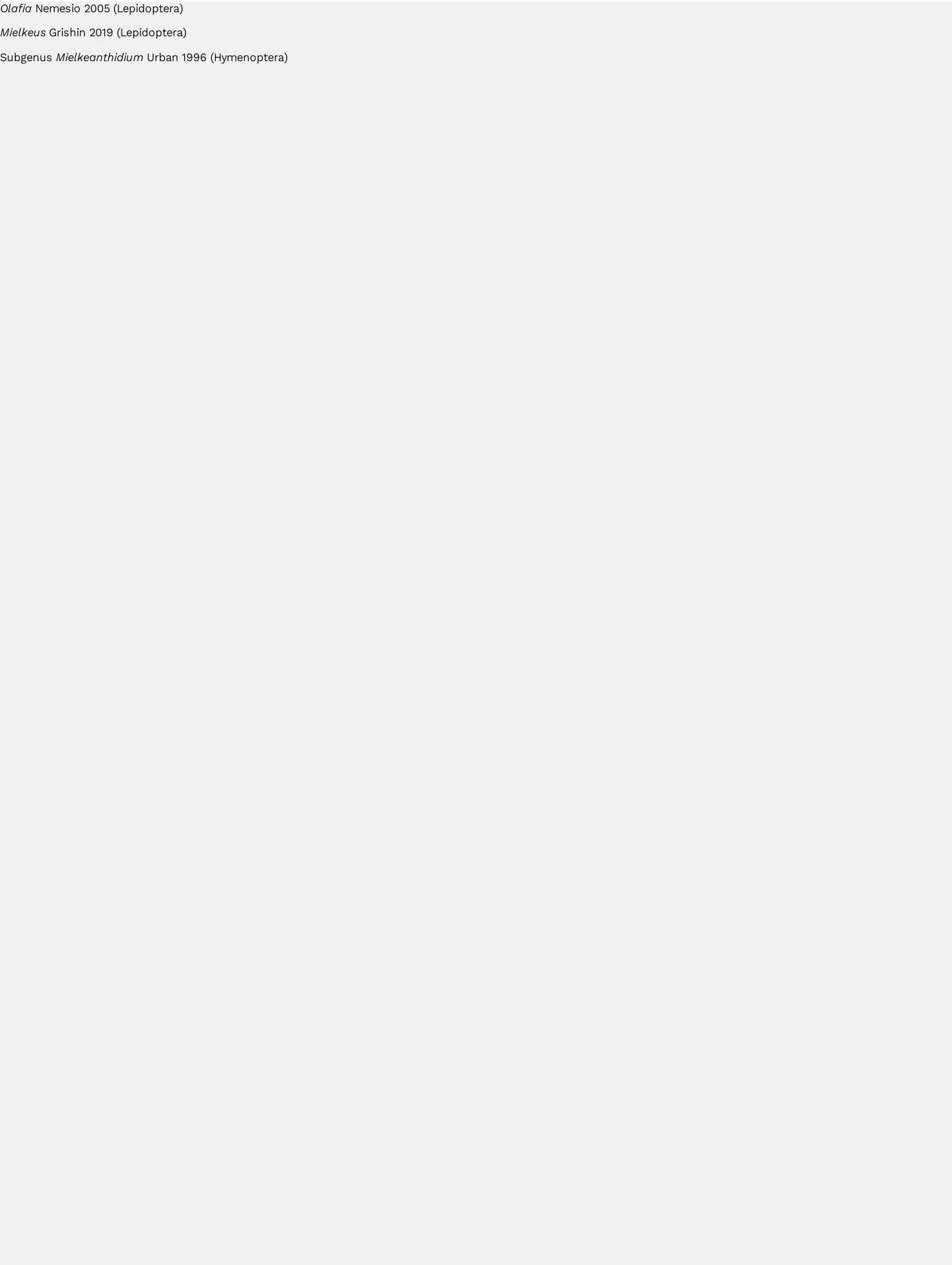
Amysoria 2002
Atlanteuptychia 2013 with Freitas, Barbosa & Santos
Austinus 2016 with Casagrande
Chalypyge 2002
Creonpyge 2002
Cyanopyge 2002
Cyclopyge 2002
Emeryus 2020 with Zacca & Casagrande
Emmeleus 2016 with Casagrande
Ginungagapus 2015 with Carneiro & Casagrande
Gunayan 2002
Igapophilus 1980
Jaiba 1999 with Lemaire & Tangerini
Jonaspyge 2002
Jongiana 2002 with Casagrande
Melanopyge 2002
Mimardaris 2002
Mysarbia 2002
Ochropyge 2002
Paracogia 1977
Parelbella 1995
Peba 1968
Prenda 2012 with Freitas
Prittwitzia 1970 with Brown
Propapias 1992
Protelbella 1995
Pseudocroniades 1995
Radiatus 1968
Rufocumbre 2017 with Dolibaina & Casagrande
Saniba 2003 with Casagrande
Stegosatyrus 2013 with Zacca, Pyrcz, Casagrande, Freitas & Boyer
Vanima 2020 with Zacca & Casagrande

Species

About 160

HONORS

Mielkea Zajciw 1965 (Coleoptera)
Mielkeana Razowski & Becker 1983 (Lepidoptera)
Mielkella Casagrande 1982 (Lepidoptera)
Mielkesia Lemaire 1988 (Lepidoptera)



Olafia Nemesio 2005 (Lepidoptera)

Mielkeus Grishin 2019 (Lepidoptera)

Subgenus *Mielkeanthidium* Urban 1996 (Hymenoptera)

Olga Bohomoletz Henriques

February 29, 2024

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

Olga Bohomoletz Henriques, Brazilian biochemist (12 January 1916 – 1995)

Simple method for the calculation of photometric curves. *Rev. Bras. Biol.* 11:59, 1951

With M. Fichman & M.C.F. Oliveira. Novo método de separação da enzima coagulante do veneno da *Bothrops jararaca*. *Cien. Cult.* 12:175, 1960

Described the presence of kininogens in the plasma (1967) independently of Jacobson (1966)

Obtained new bradykinin-potentiator peptides

With I. Lebrun, F.L. Lebrun, A.K. Carmona, L. Juliano & A.C. Camargo. Isolation and characterization of a new bradykinin potentiating octapeptide from gamma-casein. *Can. J. Physiol. Pharmacol.* 73(1):85-91, 1995

With L.A. Ferreira & E.W. Alves. Peptide T, a new bradykinin potentiator isolated from *Tityus serrulatus* scorpion venom. *Toxicon* 31(8):941-7, 1993

With L.A. Ferreira, I. Lebrun, M.B. Batista, B.C. Prezoto, A.S. Andreoni, R. Zelnik & G. Habermehl. A new bradykinin-potentiating peptide (peptide P) isolated from the venom of *Bothrops jararacussu* (jararacuçu tapete, urutu dourado). *Toxicon* 30(1):33-40, 1992

Isolation of a bradykinin-potentiating factor from scorpion *Tityus serrulatus* venom. *Recent Progr. Kinins* 38(1):462-8, 1992

Papers in Nature

With N. Kauritcheva, V. Kuznetsova & M. Astrakan. Substrates of “releasing enzymes” isolated from horse plasma; *Nature* 215:1200, 1967

With M. Fichman & W.T. Beraldo. Bradykinin releasing factor from *Bothrops jararaca* venom. *Nature* 187:414, 1960

With F.R. Mandelbaum & S.B. Henriques. The blood-clotting activity of the venoms of *Bothrops jararaca*. *Nature* 183:114, 1959

With S.B. Henriques & F. Mandelbaum. Comparative hyperfibrinogenaemic action of D- and L-adrenaline. *Nature* 178 (4529):363-4, 1956

Papers with famous biochemists

With S.B. Henriques & H. Selye. Influence of cold on blood fibrinogen concentration. *Proc. Soc. Exper. Biol. Med.* 15:221, 1946

With S.B. Henriques, R. de Grandpré & H. Selye. Influence of amino acids on adrenal enlargement, nephrosclerosis and hypertension by anterior pituitary preparations. *Proc. Soc. Exper. Biol. Med.* 69:591, 1948

With S.B. Henriques & H. Selye. Influence of the dietary protein concentration upon the corticotrophic action of lyophilized anterior pituitary. *Endocrinology* 45:153, 1949

With S.B. Henriques & H. Selye. Influence of cold fasting and adrenalectomy on the blood fibrinogen response to trauma. *Proc. Soc. Exper. Biol. Med.* 73:611-3, 1950

With S.B. Henriques & A. Neuberger. Quantitative aspects of glycine metabolism in the rabbit. *Biochem. J.* 60:409, 1955

His husband, Sebastião Baeta Henriques, biochemist (04 December 1918 – São Paulo 09 February 1996)

With O.A. Sant’Anna, M.E.S. Almeida, M.F.D. Furtado & E.G.J. Vieira. A computation program to analyse data obtained in quantal assays. *Cien. Cult.* 42(7):445-52, 1990

Olive Mary Hilliard

February 29, 2024

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

Olive Mary Hillary Hilliard, South African botanist (Durban 04 July 1925 –

DESCRIBED NEW PLANTAE TAXA

Genera

Atrichantha 1981 with Burt

Chenopodiopsis 1990

Craterocapsa 1973 with Burt

Dolichothrix 1981 with Burt

Dracosciadium 1986 with Burt

Glekia 1989

Melanospermum 1989

Plecostachys 1981 with Burt

Pseudoselago 1995

Reyemia 1993

Saniella 1978 with Burt

Strobilopsis 1977 with Burt

Tenrhynea 1981 with Burt

Trieneea 1989

Troglophyton 1981 with Burt

Vellereophyton 1981 with Burt

Sections

Bertilia 1981 with Burt

Dolichoglossa 1994

Exannularia 2002 with Burt

Macrocalyx 1994

Medixifae 1994

Pleuroschisma 2003 with Burt

Thysiflorae 1994

HONORS

Hilliardia Nordenstam 1987 (Asteraceae)

Omar Linares

March 6, 2024

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

Omar Jesús Linares Prato, Venezuelan vertebrate zoologist and paleontologist (Caracas 1946 –

DESCRIBED VERTEBRATE TAXA

Living

Mammalia

Species

Lonchorhina orinocensis 1971 with Ojasti

Subspecies

Natalus stramineus tronchonii 1971

Neoplatymops mattogrossensis bolivarensis 1992 with Escalante

Pteronotus parnelli paraguayensis 1974 with Ojasti

Fossil

Reptilia

Genera (with Paolillo 2007)

Barinasuchus

Langstonia

Zulmasuchus

Species

Barinasuchus arveloi 2007 with Paolillo

Mammalia

Genera

Protoprocyon 1981

Rhapsodus 1981

Species

Bolivartherium codorensis 2004

Bolivartherium urumaquensis 2004

Cyonasua pascuali 1981

Desmodus archaeodaptus 1988 with Morgan & Ray

Desmodus draculae 1988 with Morgan & Ray

Protoprocyon savagei 1981

Rhapsodus tedfordi 1981

Oreste Moretto

April 7, 2024

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

Oreste Moretto Bassi, Argentine civil engineer (Las Varillas, Cordoba province 21 January 1916 – 1997)

ACHIEVEMENTS

Published a method to calculate negative friction known as Moretto-Bolognesi method (1959)

Pile Foundations Stressed by Negative Friction. Proc. First Pan-Am. Conf. on Soil Mech. Found. Eng. Mexico 1959. 3:315-325, 1959.

Developed Bolognesi-Moretto splice.

AWARDS

Houssay Prize, Organization of American States (1979)

SOME BIBLIOGRAPHY

An investigation of the Strength of welded stirrups in Reinforced Concrete Beams. Journal of American Concrete Institute. Proceedings V. 17(2): 141-162, 1945.

An investigation on effect of certain factors on the strength and compressibility of clays. Doctoral thesis. University of Illinois. 168 p., 1946.

Effect of natural hardening on the unconfined compression strength of remolded clays. Proc. 2nd Int. Conf. Soil Mech. 1:137-144, 1948.

Subsoil exploration for a bridge over the Parana River, Argentina. Geotechnique, London. 4(4):137-142, 1954.

With A.J.L. Bolognesi. Properties and Behaviour of Silty Soils originated from loess formations. Proc. 4th International Conference on Soil Mech & Found. Engin. 1:9, 1957.

With H.O. Ireland & M. Vargas. The dynamic penetration test: a standard that is not standardized. Geotechnique 20(2):185-192, 1970.

Deep foundations. Selected synthesis of the Present State of the Knowledge about soil interaction. Revista Latino-Americana de Geotecnia 1(2): 142-178, 1971.

With A.J. L. Bolognesi. Stage Grouting Preloading of Large Piles on Sand. Proceedings 81 ICSMFE, Moscow, 1973.

Orlando H. Garrido

February 29, 2024

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

Orlando Hilario Garrido Calleja, Cuban zoologist and tennis player (La Habana 01 March 1931 –

DESCRIBED ANIMALIA TAXA

Mammalia

Valid Species

Mesocapromys sanfelipensis 1970 with Varona

Aves

Valid Subspecies

Agelaius humeralis scopulus 1952

Allenia fusca vincenti 1996 with Kratter

Asio flammeus cubensis 2007

Athene cunicularia guantanamensis 2001

Caprimulgus cubanensis insulaepinorum 1983

Coccyzus merlini santamariae 1971

Contopus caribaeus nerlyi 1978

Glaucidium siju turquinense 2002

Margarops fuscatus klinikowski 1996 with Remsen

Melanerpes superciliaris florentinoi 1966

Melanerpes superciliaris sanfelipensis 1973

Petrochelidon fulva puertoricensis 1999 with Peterson & Komar

Siphonorhis brewsteri gonavensis 2003

Teretistris fornsi turquinensis 2000

Vireo crassirostris cubensis 2000 with Kirkconnell

Vireo gundlachii magnus 1971

Vireo gundlachii sanfelipensis 1973

Xiphidiopicus percussus cocoensis 1978

Xiphidiopicus percussus monticola 1971

Xiphidiopicus percussus gloriae 1971

Reptilia

Valid Species & Subspecies

88

Coleoptera

Species

At least 28

Nematoda

Genus

Freitasia 1968 with Barus

Species

At least 7

HONORS

Garridoa Marcuzzi 1985 (Coleoptera)

Orlando Lodovici

March 6, 2024

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

Orlando Lodovici, Brazilian surgeon (Arceburgo, Minas Gerais State 01 October 1920 – São Paulo 28 January 2002)

DESCRIBED/MODIFIED SURGICAL TECHNIQUES

With V. Spina. Técnica conservadora para o tratamento de lábio leporino unilateral: reconstituição do tubérculo mediano. *Rev. Assoc. Med. Bras.* 5(5):325-30, 1959

With V. Spina. Conservative technique for treatment of unilateral cleft lip: reconstitution of the midline tubercle of the vermillion. *British J. Plast. Surg.* 13:110-7, 1960

With V. Spina. Tratamento da orelha em abano. *Rev. Hosp. Clin. Fac. Med. Univ. São Paulo* 15:78, 1960

New incision for mastectomy in the treatment of breast carcinoma. *Rev. Hosp. Clin. Fac. Med. S. Paulo* 29(5):252-4, 1974

New reduction mastoplasty technique by bilateral adenomastectomy in the treatment of breast hypertrophy. *Rev. Assoc. Med. Bras.* 20(7):240-2, 1974

With K. Horibe & V. Spina. Mamaplastia reductora: Nuevo abordaje del metodo lateral oblicuo. *Rev. Lat. Am. Cir. Plast.* 2:7, 1976.

With E.H. Miyauchi & V. Spina. New technique for breast reconstruction following adenomastectomy using dermolipid grafts. *Rev. Hosp. Clin. Fac. Med. S. Paulo* 32(5):257-61, 1977

With K. Horibe, E.K. Horibe & N. Pigossi. Ritidoplastias e lamina conjuntivomuscular. *Rev. Hosp. Clin.* 39(4):168-72, 1984

With K. Horibe, A.R. Bozzini & C.A. Salvatore. Modificações na técnica de neovaginoplastia de McIndoe – experiência de 200 casos. *Rev. Hosp. Clin. Fac. Med. Univ. São Paulo* 40(4):166-71, 1985

Osamu Kimura

March 2, 2024

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

Osamu Kimura, Brazilian plant pathologist (died Rio de Janeiro State 23 April 1995)

SOME BIBLIOGRAPHY

With R.L.D. Ribeiro, C.F. Robbs, F. Akiba & S. Sudo. Estudos sobre podridões de pré e pós-emergência do quiabeiro (*Hibiscus esculentus* L.) na baixada carioca-fluminense, causadas por uma nova forma especial de *Fusarium solani* (Mart.) Appel & Wr. Arqu. Univ. Fed. Rur. Rio de Janeiro 1:9-13, 1971

With C.F. Robbs & 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

With O.C. de Almeida, M. da Conceição, J. Teranishi & A.L. Pereira. Um novo nematocida-inseticida experimental para o controle de *Meloidogyne* sp. na cultura do quiabeiro. Rev. Oler. 16:171-2, 1976

With C.F. Robbs & 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 C.F. Robbs, 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 C.F. Robbs. Metodos diferenciais para *Pseudomonas* patogeniciais à soja. Fitopatol. Bras. 1:89, 1978

With C.F. Robbs & 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 & C.F. Robbs. Enfermidade nova do pimentão causado por *Rhizoctonia solani* Kuhn no Brasil. Fitopatol. Bras. 5:7-10, 1980

With C.F. Robbs, J.R. Neto & R.L.D. Ribeiro. Bacterial leaf spot of ornamental *Triplaris* caused by *Pseudomonas andropogonis* (1981)

With C.F. Robbs & 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 C.F. Robbs & 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 J.C. Dianese. Caracterização proteica e isoenzimática dos patovares de *Xanthomonas campestris* que atacam a mandioca. Pesq. Agropec. Bras. 18(11):1215-28, 1983

With R.M. Souza & R.S. Romeiro. Podridão mole (*Erwinia carotovora* subsp. *carovotora*) da batata baroa no Estado de Minas Gerais. Fitopatol. Bras. 10(2):324, 1985 (first report of this disease)

With D.S. Jaccoud Filho, R.S. Romeiro, L. Zambolim & R.M. Souza. Podridão bacteriana da escama – uma nova doença da cebola em Minas Gerais. Fitopatol. Bras. 12(4):395-6, 1987

With C.F. Robbs, 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 F. Akiba, N.T.V. Junqueira, R.L.D. Ribeiro & J.P. Pimentel. Bacterias do tipo *Bartonella* envolvidas na etiologia do declínio da mangueira. Fitopatol. Bras. 15(2):153, 1990

With M.G.F. Carmo, L.A. Mafra & A.O. Carvalho. Determinação do nível de tolerância de *Xanthomonas campestris* pv. *vesicatoria* em sementes de pimentão. Fitopatol. Brasil. 20(2):336-41, 1996

With R.S. Romeiro. Induced resistance in pepper leaves infiltrated with purified bacterial elicitors from *Xanthomonas campestris* pv. *vesicatoria* (1997)

With C.F. Robbs, R.L.D. Ribeiro & L.C. Oyadomuri. Crestamento bacteriano das folhas. Nova enfermidade do cafeeiro (*Coffea arabica*) incitada por *Pseudomonas cichorii* (Swingle) Stapp

With C.F. Robbs. Uma doença bacteriana do guaranazeiro

HONORS

Kimuromyces Dianese, Santos & Medeiros 1995 (Fungi)

Oscar Monte

April 7, 2024

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

Oscar Monte de Almeida, Brazilian entomologist (Rio de Janeiro 04 July 1895 – Belo Horizonte 01 July 1948)

DESCRIBED ARTHROPODA TAXA

Hemiptera

Genera

Acanthotingis 1940

Leptotingis 1938

Nectocader 1937

Paratagalis 1943

Phymacysta 1942

Species

Acanthocheila denieri 1940

Acanthocheila rustica 1942

Acanthotingis apicicornis 1940

Aepycysta decorata 1941

Amblystira hirsta 1940

Amblystira melanosoma 1941

Atheas cearanus 1947

Birabena carvalhoi 1947

Corycera fallax 1942

Corycera gibbosa 1938

Corycera pusilla 1942

Corycera schubarti 1946

Corycera rocha-limai 1940

Corythaica bosqi 1938

Corythaica umbrosa 1938

Corythucha argentinensis 1940

Corythucha boliviana 1946

Corythucha globulifera 1940

Corythucha socia 1940

Corythucha translucida 1946

Dicysta fonsecai 1940

Gargaphia argillacea 1943

Gargaphia boliviana 1947

Gargaphia bergi 1940

Gargaphia brunfelsiae 1938

Gargaphia comosa 1941

Gargaphia costa-limai 1940

Gargaphia holoxantha 1942

Gargaphia inca 1943

Gargaphia interrogationis 1941

Gargaphia lanei 1940

Gargaphia mirabilis 1938

Gargaphia stigma 1946

Leptobyrsa pulchra 1940

Leptocysta terlia 1946

Leptodictya dilatata 1942

Leptodictya faceta 1943

Leptodictya fraterna 1941
Leptodictya intermedia 1943
Leptodictya litigiosa 1940
Leptodictya nigra 1941
Leptodictya tegeticula 1943
Leptodictya venezolana 1940
Leptopharsa delicata 1945
Leptopharsa flava 1940
Leptopharsa livida 1943
Leptopharsa ornata 1940
Leptopharsa pallens 1943
Leptopharsa sobrina 1940
Leptopharsa spectabilis 1940
Leptopharsa variegata 1943
Leptotingis umbrosa 1938
Megalocysta cornuta 1942
Monalonion decoratus 1942
Paratagalis apinosus 1943
Phaeochila hirta 1940
Phatnoma maculata 1946
Pliobyrsa pulcherrima 1947
Sphaerocysta angulata 1941
Sphaerocysta brasiliensis 1938
Sphaerocysta maculata 1942
Stragulatingis bicincta 1946
Stragulatingis lichyi 1945
Teleonemia aemula 1942
Teleonemia angustata 1943
Teleonemia atriflava 1943
Teleonemia bierigi 1943
Teleonemia bondari 1943
Teleonemia bosqi 1943
Teleonemia crassispinosa 1946
Teleonemia granulosa 1942
Teleonemia inornata 1941
Teleonemia multimaculata 1940
Teleonemia quechua 1943
Teleonemia ruthae 1942
Teleonemia simillima 1941
Tigava brevicollis 1944
Tigava ferruginea 1940
Tigava gracilis 1940
Tigava spatula 1945
Tingis neotropicalis 1940
Tingis tecomae 1940

Coleoptera

Species

Byzes granulosus 1944
Erodiscus obidensis 1944
Malacobius lineatus 1944
Siron maculatus 1944
Tachygonus alineae 1941

Tachygonus araujoi 1941

Tachygonus autuorii 1941

Tachygonus bitancourti 1941

Tachygonus costa-limai 1941

Tachygonus guerini 1941

Tachygonus ingae 1944

Tachygonus neivai 1941

Tachygonus oliverioi 1941

Tachygonus sculpturatus 1944

HONORS (Coleoptera)

Monteus Bondar 1943

Montesia Lane 1938

Montella Bondar 1948

Montebaris Bondar 1949

LINKS

http://www2.uefs.br/revistabiologia/pg9_n2_3.html

Osvaldo Gomez

February 29, 2024

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

Antonio Osvaldo Gómez Hernandez, Cuban carcinologist (Jaguey Grande, Matanzas Province 29 February 1928 – Cardenas, Matanzas Province 25 December 1996)

DESCRIBED CRUSTACEA SPECIES

Bathycheles cubensis 1986 with Ortiz

Byblis cubensis 1978 with Ortiz

Cyrtoplax bidentata 1975 with Ortiz

Pagurapseudes guitarti 1976 with Gutu

Paguristes macLaughlinae 1989 with Martínez Iglesias

Spongicola cubanica 1994 with Ortiz & Lalana

Typhlatya taina 1987 with Estrada

HONORS

Osvaldoginella Espinosa & Ortea 1997 (Mollusca)

LINKS

https://repository.si.edu/bitstream/handle/10088/7382/1Z_Lemaitre1998AntonioOsvaldo.pdf?sequence=1&isAllowed=y See

https://repository.si.edu/bitstream/handle/10088/7382/1Z_Lemaitre1998AntonioOsvaldo.pdf?sequence=1&isAllowed=y. **(Spanish)**

Oswaldo Giannotti

February 29, 2024

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

Oswaldo Giannotti, Brazilian agricultural entomologist (São Paulo 24 June 1916 – São Paulo September 2004)

ACHIEVEMENTS

Developed techniques for determination of insecticide residues on plants, soil and insect bodies

Determined the site of DDT action in insects nervous system (1958) and the physiological and biochemical changes resulting from it

Discovered cyclodienes epoxidation as a mode of activation metabolism of chlorinated insecticides

With L.M. Sá. Novo método colorimétrico para a localização na cromatografia em papel de inseticidas do grupo de ésteres do ácido tiofosfórico. Arq. Inst. Biol. 26:131-6, 1959

With H. Yoneda & T. Itoneda. Gas liquid chromatographic method for microdetermination of catecholamines. Arq. Inst. Biol. 44(1-2):63-7, 1977

With H. S. Lepage & H.P. Pereira. Técnica para ensaio de inseticidas residuais biológicos. Biológico 11:320-5, 1945

With P. Pigatti & A. Pigatti. Método de combustão em sistema aberto para determinação de resíduos de mercúrio em tomate. Rev. Bras. Quím. 67(401):208-10, 1969

With E. Almeida & C.F.O. Santos. Experiência visando estabelecer novos métodos de controle da lagarta rosada e da maçã em cultura de algodão

DESCRIBED INSECTA TAXA

With Lepage

Acutaspis oliveirae 1942

Conchaspis diplothemii 1943

Diaspis paulista 1946

Luzulaspis saueri 1944

Melanaspis aristotelesi 1944

Melanaspis bondari 1943

Mycetaspis juveninae 1944

Pseudoparlatoria campinensis 1946

Pseudoparlatoria gomescostai 1946

Pseudoparlatoria multipunctata 1946

Pseudoparlatoria trimaculata 1946

Alone

Niveaspis lepagei 1942

LINKS

http://www.biologico.sp.gov.br/grandes_nomes/giannotti/oswaldo_giannotti.htm (in Portuguese)

Oswaldo Gonçalves de Lima

March 6, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Oswaldo Gonçalves de Lima, Brazilian industrial chemist (Recife 07 November 1908 – Recife 21 September 1989)

Gained international recognition for his researches on fields of microbiology and chemistry

With A.R. Mattos demonstrated that vinasse could be used as fertilizer on soil (1934)

First to establish cashew as source of vitamin C

Obtained salts of organic acids (1940s)

Um novo derivado sulfamídico, altamente solúvel: o sal de sódio do ácido parasulfonamidaniimetilsuccínico (novo método de obtenção) 1946

Um novo derivado sulfanilamídico solúvel e incolor: o sal de sódio para-sulfonamidaniicitraconico. J. Med. Pernambuco (1940)

Discovered antibacterial activity of lapachol (1956)

Extracted naphthoquinones and lapachol derivatives displaying antimicrobial and anticancer properties

First observations on the antimicrobial action of lapachol. Anais Soc. Bras. Biol. Pernambuco 14:129-53, 1956

NEW CHEMICALS

With F. Delle Monache, M. Pomponi, G.B. Marini Bettolo, I.L. D'Albuquerque & R.H. Thomson. New triterpene quinone-methides from Hippocrateaceae. J. Chem. Soc. Perkin Trans. 1:3127, 1979

With M. Marta, F. Delle Monache, G.B. Marini-Bettolo & J.F. de Mello. Rigidanol, a new triterpene with a lupane skeleton from *Maytenus rigida*. Chem. Inform. 10(39), 1979

With M.M.F. Albuquerque & J.F. Mello. Sophonosol and isophoranone, new antimicrobial flavonoids from the roots of *Sophora tomentosa*. Rev. Inst. Antib. 19(1-2):33-40, 1979

With G. delle Monache, F. Delle Monache, G.B. Marini Bettolo, M.M.F. de Albuquerque & J.F. de Mello. Flavonoids of *Sophora tomentosa* (Leguminosae). II – Isosophoranone, a new diprenylated isoflavanone. Chem. Inform. 8(43), 1977

With G. delle Monache, F. Delle Monache, G.B. Marini Bettolo, M.M.F. de Albuquerque & J.F. de Mello. Flavonoids of *Sophora tomentosa* (Leguminosae). I. Sophoronol, a new 3-hydroxyflavanone. Chem Inform. 8(16), 1977

With F. Marta, F. Delle Monache, G.B. Marini-Bettolo, D.A. Lyra & J.F. Mello. Manglexanthone, a new xanthone from *Tovomita mangle* (Guttiferae). Chem. Inform. 8(4), 1977

With F. Delle Monache, F. Marletti, G.B. Marini Bettolo & J.F. Mello. Coumarins of *Hortia arborea* (Rutaceae): hortiline and hortiolone. Gazz. Chim. Ital. 106:681, 1976

With F. Delle Monache, F. Marletti, G.B. Marini-Bettolo & J.F. de Mello. Isolation and structure of longistylinas A, B and C, new prenylated stilbenes from *Lonchocarpus violaceus*. Lloydia 40(2):201-8, 1976

With F. Delle Monache, M. Pomponi, G.B. Marini-Bettolo & I.L. D'Albuquerque. A methylated catechin and proanthocyanidins from the Celastraceae. Phytochem. 15:573, 1976

With J.F. de Mello, J.S. B. Coelho, G.B. Marini-Bettolo, F. Delle Monache et al. New prenylated chalcones from *Longicarpus neuroscapha* Benth. Il Farmac Ed. Sci. 30:326-42, 1975

With G. Delle Monache, J.F. de Mello, G.B. Marini-Bettolo & J.S.B. Coelho. New prenylated flavonoids. Gazz. Chim. Ital. 104:861-5, 1974

With G.B. Marini-Bettolo, J.F. Mello et al. Cordoina: primo esempio di una nuova classe di calconi naturali O-prenilati. Rend. Class. Scien. Fis. Matem. Natur. 53(5):433-5, 1972

With F. Delle Monache, J.F. de Mello, G.B. Marini Bettolo & I.L. D'Albuquerque. Polpunonic acid, a new triterpenic acid with friedelane carbon skeleton. Gazz. Chim. Ital. 102:636, 1972

With G.B. Marini Bettolo & C.G. Casinovi. Sulla struttura dei dalbergioni: due nuovi chinoni della *Dalbergia nigra*. Ann. Chim. 52:1190-8, 1962

With F. Delle Monache, J.S.B. Coelho & G.B. Marini Bettolo. Miconidin, a new hydroquinone from the wood of *Miconia* sp. (Melastomataceae) 1971

Isolated cassilysine from *Cassia excelsa* (1958)

Um novo alcaloide isolado da *Polygala brizoides* Saint Hilaire (1948)

Nigerina, novo alcalóide isolado da jurema preta (*Mimosa hostilis*) 1943

Vinceina, um novo alcalóide isolado da *Vinca alba* (1943)

First demonstrated dimethyltryptamine (DMT) in natural sources (1946) that was confirmed in 1959

Observações sobre o vinho de Jurema utilizado pelos índios Pancarú de Tacaratú (Pernambuco). Arq. Inst. Pesq. Agron. 4:45-80, 1946

Discovered naphthoquinone biflorin obtained from *Capraria biflora* (1952) and determined his chemical structure (1963)

With I.L. D'Albuquerque, P. Loureiro, C.L. Carmona & M.E. Bernard. Biflorina, novo antibiótico, isolado da *Capraria biflora*. Rev. Quim. Industrial 22(294):14, 1953

ANTIBIOTICS

With M.M.F.Albuquerque, F.D. A. Lyra, J.M. de Araújo et al. Coralinomicina, um novo antibiótico isolado de cultivos submersos de *Streptomyces corlineus* nov. sp. Produção, isolamento e propriedades. Rev. Inst. Antib. 11:41-55, 1971

With F.D. Lyra & M.M.F. Albuquerque et al. Primeiras observações sobre o complexo antibiótico e antitumoral – retamicina – produzido pelo *Streptomyces olindensis*, nov. sp. IAUFPe. Rev. Inst. Antib. 9:27-37, 1971

With G.B. Marini-Bettolo, J.S.B. Coelho, I.L. D'Albuquerque et al. Substâncias microbianas de plantas superiores. Comunicação 33. Primeiras observações sobre a atividade antimicrobiana e antineoplásica de 2-metoxi-6-N-pentil-1,4-dihidroxibenzeno (miconidina), isolada de extratos de raízes de *Miconia* sp. (Herb. IAUFPPE 1903) (Melastomataceae). Rev. Inst. Antib. 10(1-2):35-9, 1970

With G.B. Marini-Bettolo, J.S.B. Coelho, I.L. d'Albuquerque, G.M. Maciel, A.L. Lacerda & D.G. Martins. Substâncias antimicrobianas de plantas superiores. Comunicação XXXII. Atividade antimicrobiana e antineoplásica de produto identificado como 2-metoxi-6n-pentil-p-benzoquinona (primina) isolado de raízes de *Miconia* sp. (Herb. IAUFPe 1903). Melastomataceae. Rev. Inst. Antib. 10(1-2):29-34, 1970

Substância antimicrobiana de plantas superiores. Comunicação XXXI. Maitenina. Novo antimicrobiano com ação antineoplásica isolada de celastráceas de Pernambuco. Rev. Inst. Antib. 9:17-25, 1969

With colleagues isolated and characterized guamycin and guamycinid from a new bacterium (1969)

With M.M.F. Albuquerque, F.D. de A. Lyra et al. Guamicina, um antibiótico tetraemico. Isolamento e caracterização. Rev. Inst. Antib. 9(1-2):39-49, 1969

M.M.F. Albuquerque, J.M. de Araujo, J.S. de B. Coelho, F.D. A. Lyra, M.da S. Cavalcanti & L.L. de Oliveira. Guanamicina, um antibiótico do grupo quinoxalínico, produzido pelo *Streptomyces* sp. 6617-IAUFPE. Rev. Inst. Antib. 8(1-2):3-17, 1968

With C.F. de Santana, I.L. d'Albuquerque, A.L. Lacerda & D.G. Martins. Antitumor and toxicological properties of an extract of wood from the trompet bush, *Tabebuia avellanedae*. Rev. Inst. Antib. 8(1-2):89-94, 1968

With I.L. D'Albuquerque & G.M. Maciel. Antimicrobial substances of superior plants. XXVII. Isolation of plumbagin from *Plumbago scandens* L. Rev. Inst. Antib. 8:95-7, 1968

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With M.M.F. Albuquerque, J.M. Araújo, F.D.A Lyra et al. Primeiras observações sobre as hialomicinas, novos antibióticos produzidos pelo *Streptomyces hygrosopicus* var. Rev. Inst. Antib. 7(1-2):19-32, 1967

With M.M.F.Albuquerque & F.D. A. Lyra. Miniatomicinas, antibióticos produzidos pelo *Streptomyces* sp. 4362 IAUFPPE. R. Inst. Antib. 6(1-2):35-41, 1966

With M.M.F. Albuquerque, G.M. Maciel & I.L.d'Albuquerque. Sobre uma actinomicina do grupo D produzida por cepa de *Streptomyces* sp., isolado no IAUR de amostras de terra de Alagoas. Arq. Oncol. 4(2):94-104, 1965

With J.S.B. Coelho, F.D.A. Lyra, M.M.F. Albuquerque et al. Fuoromicina, um novo antibiótico de coloração rubi. Rev. Inst. Antib. 5(1-2):53-62, 1963

With M.P. Machado, M.R. Albuquerque, L.L. de Oliveira, J.S. B. Coelho, I.L. I.L D'Albuquerque, F.D. A. Lyra & A.L. Lacerda. Ussamicina, uma nova substância antibiótica produzida pela mutante UV de *Streptomyces lavendula* e 7K1 (cepa UV-9). Informe preliminar sobre sua ação antitumoral. Rev. Inst. Antib. 5(1-2):19-42, 1963

With et al. Antibiotic substances in higher plants. XX. Antimicrobial activity of some derivatives of lapachol compared with xyloidine, a new natural o-naphthoquinone isolated from extracts of heartwood of *Tabebuia avellanedae*. Rev. Inst. Antib. Univ. Fed. Pernambuco 4:3, 1962

With F.D.A. Lyra, J.S.B. Coelho, M.M.F. Albuquerque et al. Sobre três agentes antagonistas pigmentados. Jaquirinas I, II e III, produzidos pelo *Streptomyces iakyrus*, uma espécie nova. Rev. Inst. Antib. 4:67, 1962

With J.A. Bandeira, M.M. Albuquerque, E. Silva, J.V.A. Araújo & B.M. Neto. Comunicação XII. Sobre um interessante antibiótico de natureza acidica encontrado no caule de uma liana das matas de Pernambuco (*Aristolochia* sp.). Rev. Inst. Antib. 1(2):107-171958

Uma nova substância antibiótica isolada do pau d'arco, *Tabebuia* sp. Anais Soc. Biol. Pernambuco 14:136-40, 1956

With M.P. Machado, L.A. Araújo et al. Nova espécie do gênero *Nocardia*: *N. recifei*, sua atividade antagonista. Antibiótico produzido. Comunicação. Ann. Soc. Biol. Pernambuco 13:21, 1955

With M.P. Machado, J.O.F. de Moraes et al. Primeiras observações sobre um antibiótico do grupo da estreptotricina. Ann. Soc. Biol. Pernambuco 13(3), 1955

With I.L. d'Albuquerque, P. Loureiro et al. Selovicine, novo antibiótico isolado de *Croton selowii* Baill. Anais Soc. Biol. Pernambuco 12(1):27-31, 1954

With J. Moreira Caldas discovered allamandin, an antibiotic isolated from *Allamanda violaceae* (1954)

Un nuevo metodo de aislamiento y purificación de la actinomicina (1953)

With J.A. Bandiera & A.E. Vieira. Uma nova substância antibacteriana, difusiva e termolábil, encontrado na *Plumeria bracteata* DC. An. Soc. Biol. Pernambuco 7:31-6, 1947

With F.D. de Lyra, M.M.F. de Albuquerque, M.H.D. Maia & E. Silva. Dois antibióticos antifúngicos, 1645P1 e 1645P2, isolados de micélio de um *Streptomyces* sp. (Cepa 1645-IAUR). Características e propriedades

MICROBIOLOGY

With C.L. Carmona & E.A. Salcedo. Aislamiento y estudio de nuevas cepas de *Pseudomonas lindneri* Kluyver & T. Hoppenbrouwers, em aguamiels de la meseta Central Mexicana. Ciencia 11:273-7, 1951

With J.O. Falcão de Moraes & C.L. Carmona. *Acetobacter lermæ* 1955

With J.S.B. Coelho, M.M.F. Albuquerque, G.M. Maciel, L.L. Oliveira & M.C. Navarro co-described the bacterium *Streptomyces capoamus* (1964) from which he isolated cyclamycin and cyclacydin

With colleagues isolated and characterized guamycin and guamycinid from a new bacterium (1969)

Isolated new strains of *Pseudomonas lindneri*

With Araújo, Schumacher & Cavalcanti. *Zymomonas mobilis* biovar *recifensis* 1970

With F.D. de Lyra, J.M. de Araújo, A.L. de Andrade, E.C. da Silva & M.M.F. de Albuquerque. *Streptomyces guanamiceticus* 1971

Co-described the bacterium *Streptomyces olindensis* (1971) from which he isolated retamycin

METHODS/TECHNIQUES

With I.L D'Albuquerque & M.C.P. Navarro. New method for extraction and purification of biflorin with industrial possibility. Rev. Inst. Antib. Univ. Recife 4(1-2):79-81, 1962

Developed a chromatographical technique for isolation and purification of actinomycin

With A. Sanchez Marroquín. Metodo sencillo para obtención de actinomycina. Microbiol. Española 6:127-8, 1953.

Invented a method for peeling cashew

PATENTS

With M.A.P.C. Celligoi, M.F.V.Q. Sousa, J.O.F. Morais, M.H.D. Maia, A.O. Bertolin, A. Serzedello, D.F. de Angelis, E.M.M.M. Rios, J.B. Buzato & J.M. de Araújo. Aperfeiçoamento em processo de fermentação alcoólica. PI8405673-8 A2 (1984)

Um metodo de aplicação das caldas in natura nos solos de cultivo como fertilizante (1943)

Oswaldo Handro

February 29, 2024

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

Oswaldo Handro, Brazilian botanist (São Paulo 30 June 1908 – São Paulo 30 August 1986)

DESCRIBED PLANTAE SPECIES

Adiantum papillosum 1964

Arachis benthamii 1958

Arachis burkartii 1958

Arachis martii 1958

Arachis repens 1958

Aspidosperma gehrtii 1963

Aspidosperma nemorale 1962

Aspidosperma nigricans 1962

Asplenium bradeanum 1969

Begonia boraceiensis 1968

Begonia odeteiantha 1969

Begonia peruibensis 1979

Begonia piresiana 1964

Begonia toledoana 1969

Maytenus rostrata 1968

Mimosa coelho-de-moraesii 1958 with Pickel

Nematanthus bradei 1962

Nematanthus jolyanus 1964

Nematanthus kuhlmanni 1964

Nematanthus mattosianus 1964

Nematanthus mirabilis 1962

Nematanthus striatus 1964

Nematanthus teixeiranus 1964

Pleurothallis wacketii 1971 with Pabst

Siphocampylos lauroanus 1962

Vriesea vidalii 1970 with Smith

HONORS

Handroanthus Mattos 1970 (Bignoniaceae)

Oswaldo Lange

March 6, 2024

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

Oswaldo Lange, Brazilian neurologist (São Paulo 28 April 1903 – São Paulo 29 August 1986)

ACHIEVEMENTS

Described and characterized the cerebrospinal fluid syndrome in neurocysticercosis

Síndrome líquorica da cisticercose encefalo-meningéia. Rev. Neurol. Psiqu. S. Paulo 6:35-48, 1940

Detailed the behavior of cephalorhachidian fluid in preclinical neurosyphilis

Sífilis nervosa pré-clínica: contribuição a profilaxia da sífilis nervosa pelo exame do líquido cefalorraquidiano. Thesis (1938)

Created a new kind of neurological semiology

Developed a technique for detection of neoplastic cells in cerebrospinal fluid

Oswaldo Mooser

April 7, 2024

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

Oswaldo Mooser, Swiss / Mexican vertebrate paleontologist (Maienfeld 23 December 1903 – Sankt Gallen 15 July 1983)

Worked at Mexico (1927-1981)

DESCRIBED NEW TAXA

Fossil Vertebrata

Mammalia

Species

Aguascalientia wilsoni 1974 with Dalquest

Asinus aguascalentensis 1958

Austrohippus albidens 1968

Bison aguascalentensis 1975 with Dalquest

Camelops traviswhitei 1975 with Dalquest

Canis cedczoensis 1975 with Dalquest

Catagonus brachydontus 1980 with Dalquest

Dinohippus muelleri 1965

Equus (Dolichohippus) mexicanus 1973

Equus parastylidens 1958

Hippotigris ocotensis 1957

Nannippus aztecus 1968

Nannippus hesperides 1968

Neohipparion monias 1963

Neohipparion otomii 1959

Onager arellanoi 1958

Onager (Hesperohippus) hibbardi 1958

Onager (Hesperohippus) oviedoi 1958

Onager zoyatalis 1958

Palaeolama guanajuatensis 1980 with Dalquest

Teleoceras ocotensis 1980 with Dalquest

Tetrameryx tacubayensis 1975 with Dalquest

Reptilia

Species

Gopherus auffenbergi 1972

Gopherus pargensis 1980

Living Lepidoptera

Species

Ceratomia hoffmanni 1942

Erinnyis omorfia 1942

Manduca aztecus 1942

Manduca holcombi 1942

Manduca mayeri 1940

Manduca pacifica 1940

Protoparce hannibal 1939

Protoparce occulta 1939

Sphinx achotla 1944

Sphinx pitzahuac 1947

Subspecies

Speyeria nokomis melaena 1983 with Garcia

Protozoa

Species

Hepatozoon ctenosaurae 1943 with Sokoloff

Oswaldo Ubríaco Lopes

March 6, 2024

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

Oswaldo Ubríaco Lopes, Brazilian physiologist (São Paulo 29 May 1937 –

MECHANISMS

With J.F. Palmer proposed respiratory “gating” mechanism for cardiac slowing in *Nature* (1976)

With J.F. Palmer. Mechanism of hypothalamic control of cardiac component of sinus nerve reflex. *Quart. J. Exper. Physiol.* 63:231-54, 1978

With A.F. Tramposch, C.L. Chernicky & C.M. Ferrario. Alternative mechanism for attenuated pressor responses in Av3v lesioned dogs. *Amer. J. Physiol.* 431-8, 1989

Characterized the cardiovascular function of caudal ventrolateral medulla

With P.G. Guertzenstein. A depressor area on the ventral surface of the medulla. *J. Physiol.* 301:35-6, 1980

Resumed the researches about the caudal pressor area

With P.G. Guertzenstein, R.R. Campos Jr., O.S. Possas & S.L. Cravo. The caudal pressor area: a new region of the ventrolateral medulla involved in cardiovascular regulation. *Lung Biol. Health Dis.* 82:817-932, 1995

OTHERS

With J. Felipe Jr & M.R. Silva Jr. An inexpensive pulmonary catheter for pressure measurements and blood sampling. *Crit. Care Med.* 12:44-5, 1984

With J.E.C. Lacerda, G.C. Araújo, A.A. Santos & O.U. Lopes. Padronização de um método para canulação crônica da área rostroventrolateral em ratos. *Anais FeSBE* 10:118, 1995

Othon Henry Leonardos

March 6, 2024

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Othon Henry Leonardos, Brazilian geologist (Niterói, Rio de Janeiro State 08 June 1899 – Rio de Janeiro 1977)

From English and Greek descent

With Avelino I. de Oliveira authored *Geologia do Brasil* (1940), a work with international value

SOME BIBLIOGRAPHY

Estudo mineralógico do ferro aplicado ao Brasil (1925)

Chumbo e prata no Brasil (1934)

Tantalo, nióbio, urânio e rádio no Brasil (1936)

With V. Leinz. *Notas sobre as esmeraldas da Fazenda das Lages, Itaberahy, Goyaz* (1936)

Diamante e carbonado no Estado da Bahia (1937)

Monazita no Estado da Bahia (1937)

Ferro no Paraná (1938)

Concheiros naturais e sambaquis (1938)

Grafita no Estado de Minas Gerais (1938)

Depósito de minério de ferro do pico de Itabirito (1938)

Notas petrográficas sobre a série Ribeira do Sul do Estado de São Paulo (1941)

Carbonatos com apatita e pirocloro (1956)

Cobre no Brasil e no estrangeiro (1956)

Ocorrências de rutilo no Estado de Goyaz

Ocorrências de asbesto no Brasil

Cobre no Rio Grande do Sul

HONORS (Fossil)

Leonardosia Sommer 1954 (Algae)

Othonella Mendes 1963 (Bivalvia)

Otto Richard Gottlieb

February 29, 2024

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

Otto Richard Gottlieb, Czech-born Jewish Brazilian phytochemist and biogeochemist (Brno, Czech Republic 31 Aug 1920 – Rio de Janeiro 19 June 2011)

From Czech father and Brazilian mother

ACHIEVEMENTS

Authored 656 publications (papers, book chapters, 5 books & 2 patents), 637 lectures and 1181 communications to congresses.

Founder Quantitative Chemobiology

With Nei R. de Brito and Maria R. de Mello B. Borin. Quantitative Chemobiology. Pure & Applied Chemistry. 73(3):583-8, 2001.

Founder chemosystematics or Plant Biochemical Systematics

Showed how certain pathways could be employed for classification.

With Maria Auxiliadora Coelho Kaplan, developed a nomenclature system of chemical compounds in which organic tridimensional structure is displayed as a nodal geometric form representing atoms and links

With M.A.C. Kaplan. RNS (Replacement-Nodal-Subtractive) nomenclature and codes of chemical compounds. J. Chem. Inf. Comp. Sci. 26(1):1-3, 1986.

Proposed a new indicator (Taxonomic Singularity indicator)

With M.R. de M.B. Borin. The Diversity of Plants: Where is it? Why is it there? What will it become? Anais Acad. Bras. Ciencias 66 (Suppl): 55-83, 1994.

Proposed herbaceousness index

Micromolecular Evolution, systematics and Ecology. An essay into a novel botanical discipline. Springer Verlag, Berlin. 1982

Identified hundred of new lignoids and discovered a new group that named neolignans

Chemosystematics of Lauraceae. Phytochemistry 11:1537-1570, 1972.

Discovered dalbergiones, a new class of natural products and suggested the name neoflavanoids

With W.B. Eyton, W.D. Ollis, I.O. Sutherland, L.M. Jackman & M. Taveira Magalhães. The neoflavanoid group of natural products. I. Dalbergiones: a new group of natural products. Tetrahedron 21(9):2683-96, 1965

Identified and isolated the first odoriferous nitroderived compound (1-nitro-2-phenylethane) in essential oils (with Mauro Taveira Magalhães)

With M. T. Magalhães. Occurrence of 1-nitro-2-phenylethane in *Ocotea pretiosa* and *Aniba canelilla*. J. Org. Chem. 24:2070, 1959.

Isolated anibine alkaloid from *Aniba duckei*, the first aryl α -pyrone alkaloid displaying an aryl-heterocyclic group

With W.B. Mors & C.Djerassi. The Chemistry of Rosewood. Isolation and Structure of Anibine and 4-Methoxyparacotoin. J. Am.Chem. Soc. 79(16):4507-11, 1957.

Obtained the first naturally occurring polyhydroxylated pyrrolizidine carboxylic acid

With A.C.S. Pereira, J.G.S. Maia, M.A.C. Kaplan, R.J. Nash, G. Fleet, L. Pearce, D.F. Watkin & A.M. Scofield. Isolation of 7a-epialexaflorine from leaves of *Alexa grandiflora*, an unique pyrrolizidine amino acid with carboxylic acid substituent at C3. *Tetrahedron* 47(290):5637-40, 1991

Isolated a new type of natural 6-styryl-2-pyrones from *Aniba parviflora* and reported a general route for their synthesis

With A.M. Bittencourt, W.B. Mors, M.T. Magalhães, S. Mageswaran, W.D. Ollis & I.O. Sutherland. The natural occurrence of 6-styryl-2-pyrones and their synthesis. *Tetrahedron* 27(5):1043-8, 1971

First to isolate 5,6 dehydrokavain from a natural source

With W.B. Mors. Identity of compound A from kava root with 5,6 dehydrokavain. *J. Org. Chem.* 24(10):1614-5, 1959

First report of natural occurrence of isoflavans

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

With W.D. Ollis, B.T. Redman, R.J. Roberts & I.O. Sutherland recognized the neoflavenes, a new neoflavanoid type (1968)

With R. Braz Filho, W.B. Eyton & M. T. Magalhães. A química de leguminosas brasileiras. XII. As apuleínas, flavona-hepta oxigenadas da *Apuleia leiocarpa*. *An. Acad. Bras. Cien.* 40(1):23-7, 1968

With J.R. de Souza. 14 oxopeltoginano, novo tipo de flavanona tetraciclina. *Cien. Cult.* 20(2):152-3, 1968

Found the natural occurrence of benzyl styrenes (c.1966)

With F.J. Mattos obtained the first isocucurbitacins (1967)

With S.J. Gabriel obtained the first tovoxanthone (1972)

With M.C.M. Miraglia, A.A.L. Mesquita, A.P.Paula et al. obtained a dihydrochalcone with a novel structure from fern *Pityrogramma calomelanos* (1983)

With Z.S. Ferreira, N.C. Roque & H.E. Gottlieb obtained a distinct type of benzofuranoid neolignan (1982)

With M.G.B. Zoghbi & N.F. Roque obtained the first coumarinoneolignan (1981)

With V. da Silva, M.T. Magalhães, H.E. Gottlieb & M.A. Alvarenga obtained diasin, a novel rearranged labdanic diterpene (1978)

With J.F. Castelhão Jr, R.A. de Lima et al. obtained the first xanthonolignan (1977)

With J.C. Aiba & R. Braz Filho proposed the structure of neolignan porosin (1973)

With R.G.C. Correa & C.J. Aiba. Natural occurrence of Erdtmann's dehydrodiisoeugenol. *Phytochem.* 12:1163-4, 1973

With J. Rego de Sousa found 2 novel types of natural peltogynoids (1972)

With N.C. Franca, D.T. Coxon & W.D. Ollis obtained rubrenolide and rubrynlolide, two structurally novel natural products from *Nectandra rubra* (1972)

With L.M. Conserva, M. Yoshida, J.C. Martínez & H.E. Gottlieb. The chemistry of Brazilian Myristicaceae. XXXII. Iryantherins, lignoflavonoids of novel structural types from the Myristicaceae. *Phytochemistry* 29:3911-8, 1990

With N. Boralle proposed oligostilbenes as a new class of condensed tannins (1989)

With M.A. de Alvarenga discovered microandrols, a new class of natural phenanthrenes (1973)

Papers in top journals

With W.B. Mors. Phylogeny of the genus *Aniba* Aubl. A comparative morphological and chemical observation. *Nature* 184 (4698):1589, 1959

METHODS

A method for volumetric determination of ionic nitrate

With M. Taveira Magalhães. Determinação volumétrica do íon nitrato. *Bol. Inst. Quím. Agr.* 47:7-18, 1956

A new rapid method for quantitative determination of linalol

Novo método para a determinação quantitativa do linalol. *Revista de Química Industrial* 16:222, 1947.

A process for obtaining anibine and its transformation to nicotinic acid (1967)

A process for obtaining 4-methoxy-paracotoin and its transformation to piperonyl-radical containing substances (1963)

DEVICES

Proposed and patented gasometric titrimetry

Simple instrument for titrimetric without indicators. Gas pressure end-point technique. VIII. Acid-base reactions. Anal. Chim. Acta 13:101-107, 1955

Dispositivo simples para titrimetria sem indicadores. I. Acidimetria e alcalimetria. An. Assoc. Quim. Brasil 12:29-33, 1953

Titrimetria gasométrica. Bol. Inst. Quim. Agrícola 42 (1955)

Titrimetria sem indicadores. Eng. Quim. 5(7):6-9, 1953

Simple instrument for titrimetry without visual indicators. Gasometric titrations. X. Cerimetry, chlorometry, nitrate, nitrite, hydroxide and carbonate determination. Anal. Chim. Acta 13(6):531-42, 1955

Simple instrument for titrimetry without visual indicators. Gas pressure end-point. IX. Iodometry, iodimetry, iodate and periodate titrimetry. Anal. Chim. Acta 13(3):214-21, 1955

Developed a Clevenger apparatus modified

With M.T. Magalhães. Modified distillation trap. Chemist. Analyst 49(4):114, 1960.

HONORS

Pergamon Phytochemistry Prize, Pergamon Press (1992)

Doctor Honoris Causa, Universitat Hamburg, 1988

Chemistry Nobel Prize nominee (1998, 1999 & 2000)

P. Alexander Hulley

February 29, 2024

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

Percy Alexander Hulley, South-African ichthyologist (23 February 1941 –

DESCRIBED VALID PISCES TAXA

Genera

Euprotomicroides 1966 with Penrith

Krefftichthys 1981

Rostroraja 1972

Sinobatis 1973

Species

Amblyraja robertsi 1970

Astronethes galapagensis 1999 with Parin & Borodulina

Astronethes illuminatus 1999 with Parin & Borodulina

Euprotomicroides zantedeschia 1966 with Penrith

Gymnoscopelus hintonoides 1981

Gymnoscopelus microlampas 1981

Lampanyctus vadulus 1981

Leucoraja wallacei 1970

Metelectrona herwigi 1981

Neoraja stehmanni 1972

Proctomyctophum choriodon 1981

Proctomyctophum gemmatum 1981

Proctomyctophum luciferum 1981

Rajella dissimilis 1970

Rajella ravidula 1970

Symbolophorus krefftii 1981

Pablo de La Llave

March 6, 2024

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

Pablo de La Llave Fernandez, Mexican naturalist, philologist and politician (Cordoba, Veracruz Province 11 February 1773 – Cordoba, Veracruz Province July 1833)

DESCRIBED NEW TAXA

Plantae

Valid Genera

- Aldama* 1824 (Asteraceae)
- Casimiroa* 1825 (Rutaceae)
- Cuitlauzina* 1825 with Lexarza (Orchidaceae)
- Galeana* 1824 (Asteraceae)
- Hidalgoa* 1824 (Asteraceae)
- Oteiza* 1832 (Asteraceae)
- Roldana* 1825 (Asteraceae)
- Zexmenia* 1824 (Asteraceae)

Species

About 100

Animalia

Arthropoda

Genus

- Ahuautlea* 1832 (Heteroptera)

Species

- Ahuautlea mexicana* 1832 (Heteroptera)
- Llaveia axin* (Hemiptera)
- Myrmecocystis melliger* (Hymenoptera)

Aves

Genus

- Pharomachrus* 1832

Species

- Amazilia tzacatl*
- Pharomachrus mocinno* 1832

HONORS

- Llavea* Lagasca 1816 (Pteridophyta)
- Llaveia* Signoret 1876 (Hemiptera)
- Llaveiella* Morrison 1927 (Hemiptera)

Pablo Emilio Kohler

March 2, 2024

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

Pablo Emilio Kohler, Austrian-born Argentine entomologist (Wien 13 January 1894 – Florida, Buenos Aires Province 21 May 1981)

DESCRIBED LEPIDOPTERA GENERA

Altiplania 1979
Argyran 1952
Atlantagrotis 1955
Austrandesia 1967
Beriotisia 1967
Borsania 1952
Boursinidia 1953
Caphornia 1958
Chubutiana 1952
Comodoria 1952
Cotarsina 1952
Cromobergia 1943
Cucullana 1952
Desertullia 1952
Galeana 1952
Graptocullia 1952
Grisana 1952
Mendozaia 1952
Metacullia 1952
Neobourquinia 1980
Noctobourgognea 1955
Noctulizeria 1945
Oortiana 1947
Orthopha 1952
Paracullia 1952
Paranicla 1959
Parosmia 1952
Petrowskaya 1958
Phaenagrotis 1953
Proseniella 1953
Pseudendromis 1924
Pyrgaia 1959
Riagria 1952
Rugofrontia 1947
Schachawskoya 1953
Tamseuxoa 1955
Tandilia 1955
Tarsicopia 1952
Tisagronia 1967
Velazconia 1952

HONORS (Lepidoptera)

Koehleramia Berio 1986
Koehleriana Angulo & Olivares 2015

Pablo Groeber

February 29, 2024

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

Paul Friedrich Karl Groeber, German-born Argentine geologist and stratigrapher (Strasbourg 13 July 1885 – San Isidro, Buenos Aires Province 16 June 1964)

Documented the basic structures and magmatic cycles related to the deformation and uplift of Andean mountain range

Recognized the main depositional sequences, the different uplift pulses and the migrations in volcanic activity of the region

SOME BIBLIOGRAPHY

Observaciones geológicas a lo largo del meridiano 70 (1946-7)

Lineas fundamentales de la geología del Neuquén, sur de Mendoza y regiones adyacentes (1929)

Estratigrafía del dogger en la Republica Argentina (1918)

Edad y extensión de las estructuras entre San Juan y Nahuel Huapi (1918)

HONORS (Fossil)

Groeberella Leanza 1993 & *Groebericeras* Leanza 1945 (Mollusca)

Groeberia Patterson 1952 & *Groebertherium* Bonaparte 1986 (Mammalia)

Pablo Luis Mirizzi

April 7, 2024

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

Pablo Luis Mirizzi Agueda, Argentine surgeon (Cordoba 25 January 1893 – Cordoba 28 August 1964)

Son of Italian immigrants

Authored over 200 works

Conceived intraoperative cholangiography or mirizzigraphy

With C. Quiroga Losada. La exploración de las vías biliares principales en el curso de la operación. (1931)

Described Mirizzi syndrome

Physiologic sphincter of the hepatic bile duct. Arch. Surg. 41:1325-33, 1940

Established primary suture for treatment of choledocus (1942)

Described Mirizzi sign (1942) and Mirizzi test or fistulography

Designed a radio surgical table

Eponym of Randall-Mirizzi forceps for calculi

HONORS

President, International Congress of Surgery, Munich (1959)

Pamela Rodgers Johnson

March 1, 2024

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

Pamela E. B. Rodgers Johnson, Jamaican neuropathologist (1930 – 28 April 1999)

Recognized as world expert on neurovirology

Authored the first paper about treating acute schizophrenia in general medical wards

With F.W. Hickling, M. McCallum & L. Nooks. Treatment of acute schizophrenia in open general medical wards in Jamaica. *Psychiatr. Serv.* 51(5):659-63, 2000

DISEASES

With P. Brown, F. Cathala et al. Creutzfeld-Jakob disease of long duration: clinicopathological characteristics, transmissibility, and differential diagnosis. *Ann. Neurol.* 16:295-304, 1984

Identified HTLV-I virus as being the etiological agent for Tropical Spastic Paraparesis or Jamaican Neuropathy

With D.C. Gajdusek, O. St C. Morgan, V. Zaninovic, P.S. Sarin & D.S. Graham. HTLV-I and HTLV-II antibodies and tropical spastic paraparesis. *Lancet* 2:1247-8, 1985

With J.W. Lee, E.P. Fox et al. A case report implicating HTLV-I as a cause of three diseases. *Ann. Intern. Med.* 110:239-41, 1988

With D.C. Gajdusek & R.M. Garruto. Tropical myeloneuropathies, a new aetiology. *Trends in Neurosciences* 11(12):526-32, 1988

OTHER CONTRIBUTIONS

With P. Brown, C.J. Gibbs Jr., D.M. Asher et al. Human spongiform encephalopathy: the National Institutes of Health series of 300 cases of experimentally transmitted disease. *Ann. Neurol.* 35(5):513-9, 1994

With B.W. Little, P.W. Brown. D.P. Perl & D.C. Gajdusek. Familial myoclonic dementia masquerading as Creutzfeld-Jakob disease. *Ann. Neurol.* 20(2):231-9, 1986

Panchanan Maheshwari

April 7, 2024

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

Panchanan Maheshwari, Indian botanist and microscopist (Jaipur, Rajasthan 09 November 1904 – Delhi 18 May 1966)

Worked embryological aspects of many plants belonging to more than 1000 species

First to describe many embryological features peculiar to aquatic plants

First to study fertilization under experimental conditions

Performed the first experiment of direct pollination of ovules with formation of viable cells in vitro

With N.S. Rangaswamy & K. Kanta. Test tube fertilization in a flowering plant. *Nature* 194:1214-7, 1962

Standardized the classification of embryo sac types

Authored *An Introduction to the Embriology of Angiosperms* (1950), the first work in this field and translated into several languages

Developed Maheshwari fluid

HONORS

Panchanania Subramanian & Nair 1966 (Fungi)

Maheshwariella Pant & Nautiyal 1963 (Fossil Seed)

Pandita Jagannatha

March 1, 2024

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

Pandita Jagannatha Samrat, Indian mathematician and astronomer (Maharashtra 1652 – 1744)

Developed trigonometric techniques for calculating sinus tables

Suggested many new methods of correct observations by very simple instruments

Evolved new rules for calculations

Pao lu Hsu

February 29, 2024

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

Pao-lu Hsu or Baolu Xu, Chinese statistician (Beijing 01 September 1910 – Beijing 18 December 1970)

Proposed Hsu method

Contribution to the theory of Student's t-test as applied to the problem of two-samples. Statis. Res. Mem.2:1-24, 1938

Gave important results on the optimal quadratic estimates of variance and variance components

On the best unbiased quadratic estimate of the variance. Statis. Res. Mem. 2:91-104, 1938

Established the first optimal hypotheses in the likelihood-ratio test for univariate linear models or the first nonlocal optimal property for any hypotheses specifying the value of more than one parameter

Analysis of variance from the power function standpoint. Biometrika 32(1):62-9, 1941

A general weak limit theorem for independent distributions (1947)

Hsu-Robbins-Erdos theorem

With H. Robbins. Complete convergence and the law of large numbers. Proceed. Natl. Acad. Sciences USA 33(2):25, 1947

Obtained several theorems in the matrix theory

Obtained necessary and sufficient conditions for the Markov estimator to be the best unbiased second-order estimator

Eponym of P.L. Hsu theorem (about optimal property for F-test) and Hsu's method or Δ method

Paul LeCointe

March 6, 2024

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

Paul Georges Aimé Le Cointe, French-born Brazilian chemist and geographer (Tournon, Ardeche 24 September 1870 – Belém 03 February 1956)

Studied natural products from Amazonian flora

With C. Pesce discovered the properties of ucuuba tallow

Performed the first studies on chemistry and toxicology of *Ryania* genus plants (1923)

O princípio ativo das plantas do gênero *Ryania* ou *Patrisia* (Flacourtiaceae). Bol. Esc. Chim. Ind. Belém 1:43–7, 1929

SOME BIBLIOGRAPHY

A valorização da borracha e o processo de coagulação Cerqueira Pinto (1918)

A cultura do cacau na Amazônia (1919)

L'Amazonie Brésilienne (1922)

Apontamentos para a exploração da batata e da juta da Amazônia (1923)

Note sur las graines oleagineuses, les baumes et le resine de la foret amazonienne (1927)

Principais madeiras paraenses (1929)

O Estado Pará: Terra, água e ar (1945)

Arvores e plantas indígenas e aclimatadas (1947)

L'élerage em Amazonie

HONORS

Genus *Lecointea* Ducke 1922 (Fabaceae)

Prix Rinoux, Academie Française des Sciences

Paulo Eneas Galvão

February 29, 2024

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

Paulo Eneas Galvão, Brazilian physiologist (Petrópolis, Rio de Janeiro State 08 June 1902 – São Paulo 12 January 1978)

Authored about 50 works

Obtained international recognition for his studies on metabolism in tropical zones and vitamin B role in cell oxidations of nervous tissues

Showed the role that plays the vitamin B in cell oxidations of nervous tissue with international attention

With D.M. Cardoso. Estudos sobre as oxidações na avitaminose B e no jejum. Arch. Inst. Biol. 3:219-48, 1930

With J. Pereira Jr. Über den Einfluss der Milchsäure auf die Gehirnatmung der Säugetiere bei avitaminose B. Bioch. Z. 289:136-42, 1936

With J. Pereira Jr. Quociente de oxidação de ácido láctico do istmo do encéfalo de aves normais e em avitaminose B1. Arqu. Inst. Biol. 1940.

With J. Pereira Jr. & J.P. Limongi. Lactic acid oxidation quotient in minced brain of normal and avitaminotic chicken. J. Biol. Chem. 157:667-71, 1945

With J. Pereira Jr. developed a technique for dog central nervous system deprivation by compression with sodium chloride hypertonic solution (1942)

With J. Pereira Jr. proved that the body only responds to drugs that act independent of reflex mechanisms

Showed that the Rubner-Richet surface law is not applicable to the inhabitants of tropical zone

Sobre a aplicação intraespecífica da lei da superfície nas regiões tropicais. Thesis, Instituto Biológico, São Paulo (1942)

Human heat production in relation to body weight and body surface. I. Inapplicability of the surface law on men of the tropical zone. J. Appl. Physiol. 1:385-94, 1948

Human heat production in relation to body weight and body surface. II. Inapplicability of the surface law on men of the tropical zone. J. Appl. Physiol. 1:395, 1948

Human heat production in relation to body weight and body surface. III. Inapplicability of the surface law on men of the tropical zone. J. Appl. Physiol. 3:21-8, 1950

Proved that human oxygen uptake rate in tropical zones depends on metabolically active weight

Demonstrated that basal metabolism should be computed by hour and kilogram of metabolically active tissue ($p=P^{0.83}$), being P the weight in kilograms

Produção de calor em relação ao peso e a superfície corporal. Arqu. Inst. Biol. 1951-2

Developed a method for dosage of lactic acid

With C. H. Florence & J. Pereira. Modificação do método permanganico-iodo-métrico para a dosagem do ácido láctico. Arch. Inst. Biol. 9:39-50, 1938.

Paulo Gagarin

February 29, 2024

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

Paulo Gagarin (Pavel Konstantinovich Gagarin), Russian-born Brazilian painter and amateur entomologist (Saint Petersburg 1885 – Rio de Janeiro 1980)

DESCRIBED LEPIDOPTERA SPECIES

Automeris coesus 1936

Automeris irene 1936

Copiopteryx montei 1933

Pseudautomeris aspera 1936

Pseudautomeris stawiariskii 1936

X. liliana

HONORS

Gagarinia Lane 1956 (Coleoptera)

Paulo Gustavo Galvao

February 29, 2024

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

Paulo Gustavo Galvão, Brazilian ophthalmologist (Campina Grande, Paraíba State 06 April 1936 – Belo Horizonte 08 December 2015)

With R.A. Moura. Modificação da lente de contato de Goldmann para utilização em fotogoniografia. Anais XII Congr. Bras. Oftalm. (1962)

Developed a new simple technical device for multiplying the light beam

With R.A. Moura. Color photography using single and multiple optical sections: a preliminary report. Amer. J. Ophthalm. 55(4):818-20, 1963

TECHNIQUES

Developed spatulated divulsion , a type of keratoplasty

A technique for sharing cornea to both patients (1990)

Paulo Iide

February 29, 2024

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

Paulo Iide, Brazilian entomologist (Rio de Janeiro 22 February 1939 – Rio de Janeiro 21 July 2012)

Son of Estonian immigrants

DESCRIBED DIPTERA SPECIES

Chrysochlorina bezziana 1966

Chrysochlorina costalimai 1966

Chrysochlorina currani 1966

Cosmariomyia argyrostictica 1968

Cyphomyia souzalopesi 1967

Euryneura kerteszi 1968

Pelagomyia albitarsus 1971

Pelagomyia illuscens 1971

HONORS

Iidemysia Pujol-Luz 2008 (Diptera)

Paulo Parreiras Horta

February 29, 2024

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

Paulo de Figueiredo Parreiras Horta, Brazilian physician (Rio de Janeiro 24 January 1884 – Rio de Janeiro 29 July 1961)

ACHIEVEMENTS

Authored a clinical description of black piedra. The causative agent was named *Piedraia hortae* in his honor

Sobre uma nova forma de piedra. Mem. Inst. Oswaldo Cruz 3:86-107, 1911

Described the asci in the nodules of black piedra known as bright spots or Horta cysts

Described the first case of tinea nigra and isolated its causative agent as *Cladosporium werneckii*. This fungus was incorporated in genus *Hortaea* later.

Sobre um caso de tinha preta e um cogumelo (*Cladosporium werneckii*). Rev. Med. Cir. Bras. 29:269, 1921

A new human mycosis

Sobre uma nova micose humana. Brasil Med. 50:395, 1919

Described new pathogenic fungi

Contribuições para o estudo das dermatomicoses no Brasil. I. *Microsporon flavescens*. n.sp. agente duma nova tinha microsporica. Mem.Inst. Oswaldo Cruz (today *Microsporum flavescens*)

Uma nova tinha microsporica brasileira. *Microsporon ramos* n.sp. Brasil Medico 38:59, 1924 (today *Microsporum ramos*)

Um novo mycetoma de grãos negros, produzido pela *Madurella oswaldoi* n. sp.. Pathologia Geral 4:1, 1919

Described the genus *Fusariopsis* and the type species *Fusariopsis derrienii* (1919)

DESCRIBED

Helminths (with L. Travassos)

Genus *Ornithostrongylus* 1915

Ornithostrongylus fariai 1915

Acheilostoma paranecator 1915

Protozoa

Trypanosoma chagasi 1911 with A. Machado

OTHERS

With A. Carini discovered that bats can transmit rabies (1911). This fact was confirmed by German scientists in 1914

Described a new veterinarian disease

Uma nova moléstia de bovinos e ovinos. Rev. Vet. Zootech. 8(2):3-32, 1918

HONORS

Hortaea Nishimura & Miyagi 1985 (Fungi)

Pawel Krumholz

March 2, 2024

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

Pawel Krumholz, Polish-born Brazilian chemist and spectroscopist (Rajcza, Zywiec County 30 August 1909 – São Paulo 11 August 1973)

Authored 84 papers

ACHIEVEMENTS

Respected as a world authority on coordination compounds chemistry

Known internationally for his studies about iron complexes with imine bi- and multi-toothed ligands

With H. Stammreich performed the first studies in elucidating the structure of metal-carbonyl employing Raman spectroscopy and first to demonstrate the existence of metal-metal bonds in metal-carbonyl compounds (1971)

Discovered aliphatic poly-toothed imine complexes (confirmed by Busch and Bailar)

Discovered the acid nature of tetracarbonyl iron hydride

Discovered the oxidation of coordinated di-imines

With Feigl & Hamburg proposed sodium sulfite as a reducing agent and as a buffer

With Feigl invented quinalizarin test

With Feigl developed benzidine reaction of silicic acid

With Stettiner first observed tetracarbonylferrate (-II) dianion (1949)

DEVELOPED

Many micro analytical techniques for ions in transition metals (1933-8)

Many processes separation and purification of rare earths (patented)

Hydrometallurgical processes for obtaining vanadium, molybdenum and iridium from its ores

Discovered new photographic sensitizers

With J. Bril a polarographic method for studying transition metals complexes using ethylenediamineacetate

A medium resolution grating spectrophotometer (1951)

PATENTS (at least 18 patents; incomplete list)

With J.B. Madjar & K.J. Bril. Process of preventing the formation of emulsions. CA638759 (1962)

Improvements in and relating to the separation of rare earths. GB886179 (1962)

With K.J. Bril. Process for separation of metal salts. CA625916 (1961)

A process for separating cerium from other rare earths. GB862613 (1961)

A process for separating ions by ion-exchange. GB862688 (1961)

Separating rare earths by fractional precipitation of their hydroxides or basic salts. CA597180 (1960)

Improvements relating to processes for the separation of components of mixtures containing rare earths and, if desired, yttrium. GB854926 (1960)

With K.J. Bril. Method for separating mixtures of rare earths. CA597182 (1960)

With K.J. Bril. Separation of yttrium and the elements of the rare earth groups. CA597183 (1960)

EPONYMY

Heller-Krumholz method for mercury (1929)

Krumholz-Feigl-Rajmann reagent for palladium, platinum and zircon (1931)

Thiocyanate-stannous chloride method of Feigl-Krumholz (1932)

Feigl-Krumholz test or method (1933)

Krumholz-Vasquez Sanchez reagent or mercuric thiocyanate reagent for zinc (1934)

Krumholz-Kruh test for cadmium (1935)

Krumholz-Hoenel reagents for mercury, copper, iron and cadmium (1937)

Feigl-Krumholz gas-reaction vessel

See complete bibliography in

[HTTP://quimicanova.sbq.org.br/qn/qnol/1983/vol6n4/v06_n4_%20\(7\).pdf](http://quimicanova.sbq.org.br/qn/qnol/1983/vol6n4/v06_n4_%20(7).pdf) See http://quimicanova.sbq.org.br/qn/qnol/1983/vol6n4/v06_n4_%20%287%29.pdf.

Pedro de Moura

April 7, 2024

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

Pedro de Moura, Brazilian geologist and engineer (Uberaba, Minas Gerais State 16 June 1901 – Rio de Janeiro 11 June 1988)

Discovered the first commercial oil field in Brazil (Candeias, Bahia State) 1941

SOME BIBLIOGRAPHY

With G. Fernandes. Geologia do petróleo na Bahia. Rev. Esc. Minas Ouro Preto 18(4), 1953

Aspectos técnicos do problema do petróleo no Brasil (1948)

With A.I. de Oliveira. Geologia da região de Corumbá e minérios de manganês e ferro do Urucum, Mato Grosso. Bol. Div. Fom. Prod. Mineral 62:13-29, 1944

O Relevo da Amazônia. Rev. Bras. Geogr. 5(3):323-42, 1943

Bacia do Alto Paraguai. Rev. Bras. Geogr. 5(1):3-38, 1943

With A.L.I. Wanderley. Noroeste do Acre. Reconhecimentos geológicos para o petróleo (1938)

Geologia do Baixo Amazonas. Bol. Serv. Geol. Mineral. 91 (1937)

Possibilidades do petróleo no território do Acre. Bol. Serv. Fom. Prod. Min 16 (1937)

Estudos geológicos para a pesquisa de petróleo no Vale do Juruá (1936)

Rio Gurupy. Bol. Serv. Geol. Mineral. Brasil 78 (1936)

Fisiografia e geologia da Guiana Brasileira (vale do Oiapoque e região do Amapá). Bol. Inst. Geol. Miner. 65 (1934)

Reconhecimentos geológicos no vale do Tapajós. Bol. Serv. Geol. Min. 67 (1932)

With A.A. Bastos. Reconhecimentos geológicos no Rio Maecuru. Bol. Serv. Geol. Min. (1928)

HONORS

Mourasuchus Price 1964 (Fossil Reptilia)

Pedro Galindo

February 29, 2024

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

Pedro Galindo Vallarino, Panamanian medical entomologist (Ciudad de Panama 27 October 1916 – Cuesta de Piedra, Chiriquí Province 08 October 2007)

Authored over 90 works

DESCRIBED DIPTERA TAXA

Subgenus

Belkinomyia 1973 with Adames

Species

Aedes leucophoebus 1952 with Carpenter & Trapido

Aedes clarki 1952 with Carpenter

Culex adamesi 1980 with Sirivanakam

Culex (Belkinomyia) eldridgei 1973 with Adames

Culex arboricolus 1961 with Mendez

Culex bilobatus 1954 with Blanton

Culex caribeanus 1954 with Blanton

Culex changuinolae 1954 with Blanton

Culex erethynzofer 1954 with Blanton

Culex fairchildi 1954 with Blanton

Culex intonsus 1954 with Blanton

Culex johnsoni 1961 with Mendez

Culex keenani 1961 with Mendez

Culex laticlasper 1954 with Blanton

Culex mesodenticulatus 1961 with Mendez

Culex pseudotaeniopus 1954 with Blanton

Culex quasihybridus 1954 with Blanton

Haemagogus aeritinctus 1967 with Trapido

Haemagogus alticola 1965 with Trapido

Haemagogus gorgasi 1956 with Trapido

Haemagogus mesodentatus 1956 with Trapido

Lutzomyia stewarti 1944 with Mangabeira Filho

Uronotaenia incognita 1954 with Blanton

Uronotaenia paludosa 1954 with Blanton

Uronotaenia telmatophila 1954 with Blanton

Uronotaenia trapidoi 1954 with Blanton

Wyeomyia arborea 1951 with Carpenter & Trapido

Wyeomyia nigrītubus 1951 with Carpenter & Trapido

HONORS

Galindomyia Stone & Barreto 1969 (Diptera)

Pedro Gamboni

February 29, 2024

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

Pedro Gamboni Vera, Chilean chemical engineer (Valparaiso 26 September 1825 – Iquique 27 November 1895)

From Italian father

METHODS/PATENTS

An open steam system (1853) patented

Developed a technical procedure to elaborate nitrate using water steam for smelting of caliche rocks (1853)

A process to extract iodine from mother liquor of caliche rocks (1866) patented

A method to purify borax and extraction of boric acid

Another system to extract iodine from saltpeter (patented in 1873)

Patented improved means of, and apparatus for, producing and maintaining motive power, or assisting to produce and maintain such power (1875)

HONORS

Honorary Member, Inventors Society, United States

Pedro Garza

February 29, 2024

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

Pedro Dionisio de la Garza Cepeda, Mexican physicist (Montemorelos, Nuevo León State 28 October 1851 – Ciudad de Mexico 29 March 1897)

Discovered a new way to build optical axes and double diffraction in anisotropic crystals and established the formula of polarized cylinder in anisotropic crystals in his thesis The light waves at Gottingen University (1874)

SOME BIBLIOGRAPHY

La geometría y su historia (1876)

Geometría sintética (1877)

Aritmetica de los vectores y cuaternios (1884)

Elementos de mecánica según el método de los vectores (1886)

Pedro Gaspar Guertzenstein

February 29, 2024

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

Pedro Gaspar Guertzenstein, Jewish Brazilian cardiovascular physiologist (São Paulo 06 January 1938 – São Paulo 17 July 1994)

Established the foundation of current view of the ventrolateral medullary vasomotor nuclei and their role in the arterial blood pressure (1971-4)

Established the ventral surface of the bulb as regulating region of sympathetic tonus

Blood pressure effects obtained by drugs applied to the ventral surface of the brain stem. J. Physiol. 229:395-408, 1973

Defined the rostroventrolateral medulla precise location of the most important source of tonic excitation to sympathetic neurons in the intermediolateral cell column of the spinal cord

With A. Silver. Fall in blood pressure produced from discrete regions of the ventral surface of the medulla by glycine and lesions. J. Physiol. 242:489-503, 1974

Described the caudal ventrolateral medulla

With W. Feldberg. Vasodepressor effect obtained by drugs acting on the ventral surface of the brain stem. J. Physiol. 258:337-55, 1976

Characterized the cardiovascular function of caudal ventrolateral medulla

With O.U. Lopes. A depressor area on the ventral surface of the medulla. J. Physiol. 301:35-6, 1980

Proposed the existence of caudal pressor area

With W. Feldberg. Blood pressure effects of leptazol applied to the ventral surface of the brain stem of cats. J. Physiol. 372:445-56, 1986

Showed that caudal pressor area contains cells with a tonic pressor activity that contributed to maintenance of baseline levels of arterial pressure and that caudal pressor area-induced cardiovascular responses were mediated by caudal ventrolateral medulla with the involvement of both glutamatergic and GABAergic synapses

With O.U. Lopes, R.R. Campos Jr., O.S. Possas & S.L. Cravo. The caudal pressor area: a new region of the ventrolateral medula involved in cardiovascular regulation. Lung Biol. Health Dis. 82:817-932, 1995

With J.E.C. Lacerda, G.C. Araújo, A.A. Santos & O.U. Lopes. Padronização de um método para canulação crônica da área rostroventrolateral em ratos. Anais FeSBE 10:118, 1995

His father, Bernardo Guertzenstein, Ukrainian-born Brazilian pharmacist (Ksaverov, Ukraine 23 January 1897 – São Paulo 05 August 1976)

Novo processo de preparação da pomada mercurial

Processo de divisão do mercúrio

Novo methodo volumétrico de dosagem de sulfatos (1926)

Pedro Jurberg

March 1, 2024

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

Pedro Jurberg, Brazilian zoologist (Rio de Janeiro 1942 –

TECHNIQUES

Utilização de resina poliéster como meio de inclusão para animais. Rev. Bras. Zool. 5(4):599-02, 1988

With M.S. Soares, A.C. Mascitelli, T.C. Favre & J.V. Barbosa. Studies on survival biological activities and behavior of *Biomphalaria glabrata*, the host snail of schistosomiasis submitted to increased hydrostatic pressure: a technique. Mem. Inst. Oswaldo Cruz 83(1):53-61, 1988

With J.R. MacCord & M.M. Lima. Marcação individual de triatomíneos para estudos comportamentais e ecológicos. Mem. Inst. Oswaldo Cruz 78(4):473-6, 1983

With J.R. MacCord & J.S. Raymundo. Técnicas para observação do comportamento do *Triatoma infestans* (Gluge, 1834) em uma miniatura de casa de pau a pique e sapê. Mem. Inst. Oswaldo Cruz 78(2):153-63, 1983

With O.S. Pieri & J.S. Raymundo. Estudos sobre o comportamento dos planorbídeos: I. Uma técnica de observação e de registro comportamental por cinematografia. Mem. Inst. Oswaldo Cruz 75(1):57-63, 1977

With R. Barth. Técnica utilizada para evidenciar a estrutura das conchas em possíveis aplicações. Notas tecn. Inst. Pesq. Marinha 17:1-21, 1965

Sobre a anestesia de actínias, com um aperfeiçoamento do processo de Lo Bianco. Atas soc. Biol. Rio de Janeiro 9(4):33-5, 1965

INSTRUMENTS

With L.C.F. Alvarenga. Um sistema fechado de aquário marinho para exposições. Bol. Museu Nac. Zool. 55:71-3, 1976

With O. S. Pieri. Um sistema fechado de aquário marinho com compartimento para observações individuais. Rev. Bras. Biol. 3(1):33-6, 1971

With O. S. Pieri. Um recipiente para transporte e manutenção de moluscos marinhos e outros animais. Rev. Bras. Biol. 30(2):161-53, 1970

Pedro Kouri

March 2, 2024

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

Pedro Kouri Esmeja, Cuban helminthologist and parasitologist (Port-au-Prince, Haiti 21 August 1900 – La Habana 16 October 1964)

Son of Lebanese immigrants

Authored over 100 scientific works

Authored Lessons on Parasitology and Tropical Medicine, edited several times and used as a reference work in several countries (1940)

ACHIEVEMENTS

Performed classical works on clonorchiasis and showed its cancerogenic character

Performed original observations on pathogenic role of *Trichuris trichiura*, its biology and clinical aspects of infantile massive trichuriasis

Demonstrated egg-production mechanism and testicles localization in *Diphyllbothrium latum*

First to demonstrate cutaneous localization of *Entamoeba histolytica* (1931)

Discovered and described nematode *Inermicapsifer cubensis*, that can sometimes be a human parasite (1938)

Discovered new clinical forms of infantile trichocephaliasis and established its therapeutics

Developed methods for diagnosis as well as original treatments for numerous parasitic diseases

With J.G. Basnuevo & R. Arenas proposed the application of emetine hydrochloride in *Fasciola hepatica* infection (1934)

With J.G. Basnuevo & R. Arenas. Una nueva aplicación de la emetina en parasitología (1944)

Quantified the action of emetine on fasciolasis

Produced several new medicines against the parasites

Kouri method for *Fasciola hepatica* ova concentration

Kouri-Basnuevo method for stool parasitological analysis

Kouri method of examination of bile through duodenal intubation

Técnica para el examen de la bilis, obtenida por intubación duodenal, en el diagnóstico de certeza y en el control terapéutico de fascioliasis hepática. Rev. Parasitol. Clin. Lab. 1:53, 1935

With J.G. Basnuevo, Alvare y Lezcano. Técnica para el estudio de la anatomía de la *Fasciola hepatica*. Rev. Parasitol. Clin. Lab. 1(2):191, 1935

With Cois. Procedimiento para confeccionar las preparaciones coloreadas por la hematoxilina ferrica. Técnica de Rosenbusch modificada por Kouri. Protozool. Med. 10, 1947

Pedro Lagleyze

March 6, 2024

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

Pedro Lagleyze Gastelú, Argentine ophthalmologist (Buenos Aires 03 September 1855 – Buenos Aires 14 August 1916)

Son of French immigrants

Described the aneurismatic degeneration of the retinal arteries or Lagleyze-Von Hippel disease (1888)

Developed surgical procedures and instruments

OPERATIONS/APPARATUSES

An operation for entropion for upper and lower eyelid (Lagleyze technique)

Operation for entropion and trichiasis by a new method. Ann. Ophthalm. St. Louis 14:473-7, 1905

A tucking operation of the eye for strabismus with muscle shortening (Lagleyze method)

Nuevo procedimiento para el acortamiento muscular en el estrabismo (1891)

Placing ocular prosthesis employing paraffin spheres after nucleation (Lagleyze method)

A procedure for pterygion

Transconjunctival approach for treatment of cysts (1884)

Auto-ophthalmoscopic procedure

Amputation of anterior segment of ocular globe

Lagleyze needle

A device for demonstrating ocular refraction states

Pedro Larghero Ibarz

March 6, 2024

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

Pedro Larghero Ibarz or Ybarz, Uruguayan surgeon (Montevideo 13 March 1901 – Montevideo 1963)

Authored 172 papers

Described Larghero Ibarz cholecystographic halo sign (1962)

Eponym of Larghero cholecystitis or exfoliative cholecystitis

SOME BIBLIOGRAPHY

With W. Venturino & G. Broli. Equinococosis hidatica del abdomen (1962)

With H. Ardao & P. Purriel. Pionemotorax y colepionemotorax hidático (1935)

Foreign Associate Member, Academie de Chirurgie de France (1948)

Pedro Severiano de Magalhães

April 7, 2024

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

Pedro Severiano de Magalhães, Brazilian physician and helminthologist (Salvador 02 July 1850 – Rio de Janeiro 09 May 1927)

ACHIEVEMENTS

Described the presence of filariae in human heart. This filaria species was named *Dirofilaria magalhaesi* in his honor.

Descrição de uma espécie de filárias encontradas no coração humano. Rev. Cursos Prat. Theor. Fac. Med. Rio de Janeiro 3:129-215, 1887

First to describe Black Piedra, a cutaneous disease (Horta confirmed that it was a new disease in 1911)

Uma novidade de pathologia indígena, um caso autochtone de “pedra”. Rev. Med. São Paulo 9:143-5, 1901

Coined the term microfilaria before Le Dantec

With Oscar Bulhões developed a device for anatomical injections (described in www.gmbahia.ufba.br/index.php/gmbahia/article/ViewFile/654/639 See <http://www.gmbahia.ufba.br/index.php/gmbahia/article/ViewFile/654/639>)

With O. Bulhões reported the first case of abdominal actinomycosis (1888)

Novo modelo simplificado de secador cirúrgico. Rev. Med. S. Paulo 8(2):23-6, 1905

DESCRIBED

Genus *Synoeconema* 1905 (Nematoda)

Thelastoma bulhoesi 1900 (Nematoda) parasite

Hymenolepis carioca 1898 (Cestoda) avian parasite

Dorcatoma bibliophagum 1907 (Coleoptera) that attack books

HONORS

Protomagalhaensia Pinto 1918 (Protozoa)

Severianoia Schwenk 1926 (Nematoda)

Percy (Peter) James Greenway

February 29, 2024

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

Percy (Peter) James Greenway, South African botanist (Germiston, Transvaal 08 March 1897 – Nairobi 16 February 1980)

DESCRIBED PLANTAE SPECIES

Brachystegia bournei 1928

Brachystegia nchangensis 1928

Byrsocarpus alboflavescens 1940

Byrsocarpus goetzei 1940

Corchorus pongolensis 1926 with Burt-Davy

Croton mooriae 1937

Grewia messinica 1926 with Burt-Davy

Grewia rogersii 1926 with Burt-Davy

Impatiens sylvicola 1926 with Burt-Davy

Lachnophyllis odorata 1940

Lagynias littoralis 1933 with Bullock

Magnistipula eglandulosa 1957

Ochna confusa 1926 with Burt-Davy

Polygonum afromontanum 1952

Sida hislopii 1926 with Burt-Davy

Syzygium legattii 1926 with Burt-Davy

Syzygium mumbuwaense 1928

Talbotiella gentii 1928 with Hutchinson

Triaspis ternata 1926 with Burt-Davy

Vangueriopsis lancifolia 1928

HONORS

Greenwayodendron Verdcourt 1969 (Annonaceae)

Viridivia Hemsley & Verdcourt 1956 (Passifloraceae)

Peter MacOwan

April 7, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Peter MacOwan, English-born South African botanist and mycologist (Hull, England 14 November 1830 – Uitenhagen, Cape Province 30 November 1909)

DESCRIBED

Plantae

Species

Agasthoma wrightii 1890
Aspalathus argyrella 1890
Aspalathus humilis 1889 with Bolus
Athrixia fontana 1881
Babiana macrantha 1890
Berkheya caffra 1890
Berkheya debilis 1890
Bowkeria cymosa 1896
Bowkeria simplicifolia 1896
Garuleum tanacetifolium
Geissorhiza bellendenii 1892
Habenaria arachnoides 1893
Helichrysum argyrolepis 1890
Lamioslachys tubulosa 1893
Leonotis laxifolia 1893
Lobelia laxa
Moraea xerospatha 1897
Polygala confusa 1890
Polygala gymnoclada 1890
Ranunculus baurii 1881
Senecio cornu-cervi 1869
Senecio harveyanus 1890
Senecio napifolius 1890
Senecio prionites 1881
Senecio rumicifolius 1881 with Bolus
Senecio serratus 1881 with Bolus
Senecio surculosus 1869
Senecio tropaeolifolius 1867
Senecio trullifolius 1881
Senecio tysonii 1890
Stachys obtusifolia 1893

Fungi

Valid Genus

Lopharia 1881 with Kalchbrenner

Species

Aecidium chlorophyti
Aecidium rafniae
Amanita pleuropus
Chamaeceras filaris with Kalchbrenner
Dicaeoma exanthematica 1882
Dicaeoma mesembryanthemi 1892
Dicaeoma stobeae 1882
Exidia purpureocinerea with Kalchbrenner

Flammula tilopoda with Kalchbrenner
Hygrocybe discolor 1880 with Kalchbrenner
Kalchbrennera tuckii with Kalchbrenner
Lepiota polysarca with Kalchbrenner
Lepiota pterodota with Kalchbrenner
Lepiota varians 1887 with Kalchbrenner
Lopharia lirellosa 1881 with Kalchbrenner
Lysurus woodii 1880
Mycena casta
Phellorinia squamosa with Kalchbrenner
Pholiota tilopus 1881 with Kalchbrenner
Phyllotopsis salmonea with Kalchbrenner
Pleurotus sciadium with Kalchbrenner
Pocillaria fastuosus 1881 with Kalchbrenner
Pocillaria murrayi 1891 with Kalchbrenner
Stereum amoneum 1881 with Kalchbrenner
Stropharia olivaceoflava with Kalchbrenner
Uredo heteromorphae
Uromyces trollipi with Kalchbrenner
Xerotus caffrorum 1881 with Kalchbrenner

HONORS

Macowanella Doidge 1921 (Fungi)
Macowanites Kalchbrenner 1882 (Fungi)
Macowania D. Oliver 1870 (Asteraceae)

Peter Sidney Knox-Davies

March 2, 2024

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

Peter Sidney Knox-Davies, South African plant pathologist (Lichtenburg District, Transvaal 07 December 1929 – Stellenbosch 25 March 1999)

Authored over 70 research papers

Developed new culture media

Pycnidium production by *M. phaseoli*. S. Afr. J. Agric. Science 8:205-18, 1965

With M.J. Swart & M.J. Wingfield. Selective medium for isolating *Sphaeropsis sapinea*. Phytopathology 77:1387-9, 1987

DESCRIBED FUNGI TAXA

Genera

Batcheloromyces 1975 with Marasas & Van Wyk

Helicosingula 1985 with Marasas, Van Wyk & Baard

Species

Batcheloromyces leucandri 1975 with Marasas & Van Wyk

Batcheloromyces proteae 1975 with Marasas & Van Wyk

Helicosingula leucadendri 1985 with Marasas, Baard & Van Wyk

Teratosphaeria jonkershoekensis 1975 with Marasas & Van Wyk

Teratosphaeria proteae-arboreae 1975 with Marasas & Van Wyk

HONORS

Knoxdaviesia Wingfield, Van Wyk & Marasas 1988 (Fungi)

Peter Wilhelm Lund

March 6, 2024

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

Peter Wilhelm Lund, Danish-born Brazilian naturalist and archaeologist (Copenhagen 14 June 1801 – Lagoa Santa, Minas Gerais State 25 May 1880)

First cousin of famous philosopher Soren Kierkegaard

Performed the first correct description of Decapoda crustacean heart (1825)

Described plant species *Eupatorium rufescens* 1836

First to report the existence of sambaquis in coasts and rupestrian inscriptions in caves of Brazil

Discovered Lagoa Santa Man (1843)

DESCRIBED ANIMALIA TAXA

Hymenoptera

Genera (1831)

Ancylognathus

Condylodon

Crematogaster

Dolicherus

Dolichoderus

Pseudomyrmex

Valid Fossil Mammalia

Genera

Leptotherium 1838

Ocnotherium 1842

Protopithecus 1838

Smilodon 1842

Species

32

Valid Living Mammalia

Genera

Phyllomys 1839

Speothos 1839

Species

Calomys expulsus 1841

Carterodon sulcidens 1841

Didelphis albiventris 1840

Lycalopex vetulus 1842

Marmosops incanus 1840

Necomys lasiurus 1840

Oryzomys laticeps 1840

Phyllomys brasiliensis 1839

Rhipidomys masacalis 1840

Speothos venaticus 1839

Thrichomys apereoides 1839

Subspecies

Cabassous unicinctus squamicaudis 1845

Speothos venaticus venaticus 1839

Trinomys setosus elegans 1841

Thrichomys apereoides apereoides 1839

HONORS

Lundia A. DC 1838 (Bignoniaceae)

Lundiella Carvalho 1951 (Hemiptera)

Petrus Johannes Jooste

March 1, 2024

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

Petrus (Piet) Johannes Jooste, South-African food scientist and microbiologist (1941-

SOME BIBLIOGRAPHY

With T.J. Britz. A technique and procedure for the aseptic sampling of milk for bacteriological analysis. S.Afr. J. Dairy Technol. 16:91-5, 1984

With R. Swartz & J.C. Novello. Prevalence and types of bacteria associated with subclinical mastitis in Bloemfontein dairy herds. J. S. Afr. Vet. Assoc. 35:61-4, 1984

With T.J. Britz & J. de Haast. A numerical taxonomic study of *Flavobacterium-Cytophaga* strains from dairy sources. J. Appl. Bacterial. 59:311-23, 1985

With W.C. Botha & H. Luck. Determination of bacterial ATP in milk. The influence of ATP-hydrolyzing enzymes from somatic cells and *Pseudomonas fluorescens*. J. Food Prot. 49:822-5, 1986

With P.L. Fischer & J.C. Novello. Evaluation of rapid plate counting techniques for the enumeration of psychrotrophic bacteria in milk. J. S. Afr. J. Dairy Science 18:137-41, 1986

With T.J. Britz & P.M. Lategan. The significance of flavobacteria as proteolytic psychrotrophs in milk. Milchwissenschaft 41:618-21, 1986

With T.J. Britz & P.M. Lategan. The prevalence and significance of *Flavobacterium* strains in commercial salted butter. Milchwissenschaft 41:69-73, 1986

With D. Wessels & J.F. Mostert. Technologically important characteristics of *Enterococcus* isolates from milk and dairy products. Int. J. Food Microbiol. 10:349-52, 1990

With C.J. Hugo. Preliminary differentiation of food strains of *Chrysobacterium* and *Empedobacter* using multilocus enzyme electrophoresis. Food Microbiol. 14:133-42, 1997

With W.C. Botha & C.J. Hugo. The incidence of *Weeksella* and *Bergeyella*-like in the food environment. J. Appl. Microbiol. 84:349-56, 1998

With C.J. Hugo, P. Segers, M. Vancanneyt & K. Kersters. A polyphasic taxonomic study of *Chryseobacterium* strains isolated from dairy sources. System. Appl. Microbiol. 22:586-95, 1999

With A. Mielmann & C.J. Hugo. The potential of *Chryseobacterium* species to produce biogenic amines. J. Food Safety 31:75-80, 2011

DESCRIBED BACTERIA TAXA (incomplete)

Family

Flavobacteriaceae (1985)

Species

Chryseobacterium piscium 2006 with de Beers, Hugo et al.

Chryseobacterium carnipullorum 2013 with Charimba, Hugo & Albertyn

Chryseobacterium vrystaatense 2005 with de Beers, Hugo et al.

HONORS

Joostella Quan, Xiao, Roh et al. 2008 (Marine Bacteria)

Philibert Germain

February 29, 2024

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

Philibert Germain, French-born Chilean entomologist (Lyon 27 January 1827 – Santiago 09 December 1913)

DESCRIBED COLEOPTERA GENERA

With Fairmaire

- Adalbus* 1859
- Amomphopalpus* 1861
- Ananca* 1863
- Anisomallus* 1863
- Anthicoxenus* 1860
- Baryopsis* 1862
- Batobius* 1863
- Cacostola* 1859
- Campyloxenus* 1860
- Copobaenus* 1863
- Corinthiscus* 1861
- Dasytomorphus* 1863
- Dityloidea* 1863
- Drascalia* 1864
- Emphytoecia* 1860
- Estola* 1859
- Eucaliga* 1861
- Gynapteryx* 1863
- Hesycha* 1859
- Hypoprasis* 1864
- Lacris* 1860
- Lagrioida* 1860
- Lioschema* 1861
- Mallochira* 1863
- Modialis* 1860
- Nephropsis* 1863
- Nimales* 1861
- Oedodactylus* 1862
- Oligorhina* 1863
- Phantazoderus* 1864
- Platylytra* 1863
- Pseudomeloe* 1863
- Pterobothris* 1859
- Stauropus* 1863
- Talaeopora* 1859

Others

- Philandia* 1906 with Kerremans

Alone

- Amblyterodes* 1904
- Anacanthops* 1903
- Aporozoum* 1892
- Ctenoderus* 1855
- Frickius* 1897
- Halticella* 1903

Halticoidea 1903

Hydroenida 1901

Lautarus 1900

Loncovillus 1903

Marileus 1898

Maripanus 1898

Melicurus 1904

Nahuelius 1895

Paulsenius 1895

Philippius 1895

Philophlæus 1855

Poehlmannius 1911

Pteroderes 1894

Puranius 1895

Rivera 1903

HONORS (Coleoptera)

Germainiellus Morrone 1993

Germainius Kuschel 1987

Germainites Jeannel 1962

Phillip Clarence Heemstra

February 29, 2024

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

Phillip Clarence Heemstra, US-born South African marine ichthyologist (Melrose Park, Illinois State 09 December 1941 – Grahamstown 29 August 2019)

DESCRIBED VALID PISCES TAXA

Families

Dinopercidae 1986 with Hecht

Hexatrygonidae 1980 with Smith

Genera

Baldwinella 2012 with Anderson

Choranthias 2012 with Anderson

Electrolux 2007 with Compagno

Hexatrygon 1980 with Smith

Meganthias 2006 with Randall

Species

Acanthistius joanae 2010

Acanthopagrus omanensis 2010 with Iwatsuki

Anthias menezesi 1980 with Anderson

Anthias woodsi 1980 with Anderson

Apolemichthys kingi 1984

Apristutrus canutus 1979 with Springer

Apristurus parvipinnis 1979 with Springer

Argyrops caeruleops 2018 with Iwatsuki

Argyrops flavops 2018 with Iwatsuki

Argyrops notialis 2018 with Iwatsuki

Argyrosomus coronus 1995 with Griffiths

Argyrosomus inodorus 1995 with Griffiths

Cancellolux elongatus 1986 with Wright

Cephalopholis aitha 1991 with Randall

Cheilodactylus rubrolabiatus 1976 with Allen

Electrolux addisoni 2007 with Compagno

Emmelichthys karnellai 1977 with Randall

Emmelichthys struhsakeri 1977 with Randall

Epinephelus darwinensis 1991 with Randall

Epinephelus gabriellae 1991 with Randall

Epinephelus indistinctus 1991 with Randall

Gerres mozambiquensis 2007 with Iwatsuki

Gerres phaiya 2001 with Iwatsuki

Gymnothorax hansi 2004

Hexatrygon bickelli 1980 with Smith

Meganthias filiferus 2008 with Randall

Mustelus minicanis 1997

Mustelus sinumexicanus 1997

Odontanthias caudicinctus 1986 with Randall

Odontanthias grahami 2006 with Randall

Odontanthias wassi 2006 with Randall

Parapercis albiventer 2014 with Ho & Imamura

Parupeneus angulatus 2009 with Randall

Parupeneus minys 2009 with Randall

Parupeneus nansen 2009 with Randall

Pavoclinus smalei 1986 with Wright
Pelagocephalus marki 1981 with Smith
Plectranthias elaine 2009 with Randall
Plectranthias exsul 1983 with Anderson
Polysteganus cerasinus 2015 with Iwatsuki
Polysteganus flavodorsalis 2015 with Iwatsuki
Polysteganus mascarenensis 2011 with Iwatsuki
Pseudanthias conelli 1986
Pseudanthias conspicuus 1973
Pseudanthias pillai 2012 with Akhilesh
Pseudanthias pulcherrimus 1986 with Randall
Sacura boulengeri 1973
Sacura parva 1979 with Randall
Sacura speciosa 1979 with Randall
Sargocentron inaequalis 1985 with Randall
Sorsogona humerosa 2011 with Knapp
Upeneus indicus 2010 with Uiblein
Upeneus margarethae 2010 with Uiblein
Upeneus randalli 2001 with Uiblein
Upeneus seychellensis 2011 with Uiblein
Upeneus suahelicus 2010 with Uiblein
Upeneus supravittatus 2010 with Uiblein
Zu elongatus 1984 with Kannemeyer

<http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

Pierre Kaufmann

March 2, 2024

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

Pierre Kaufmann, French-born Brazilian radioastronomer, astrophysicist and geodesist (Aix en Provence 30 November 1938 – São Paulo 17 February 2017)

Discovered many new spectral compounds

With E. Correia & V. Melnikov presented new temporal relationships between polarization degree and burst intensity profiles for one example of a complex event (1999)

Detected a new solar flare terahertz emission component

Proposed the existence of solar radiations with frequencies above 100 GHz (1985)

With E. Correia, J.E.R. Costa, A.M. Zodi Vaz and B.R. Dennis. Solar burst with millimeter wave emission at high frequency only. *Nature* 313:380-2, 1985.

Discovered T radiation, a new type of solar radiation with Argentine Adolfo Marun and Pablo Pereyra (2003). He obtained evidence about this radiation since 1984.

With E. Correia, J.E.R. Costa & A.M. Zodi Vaz discovered a new kind of burst emission component with the first observation of a solar burst with millisecond time resolution at $\lambda=3,3$ mm (1984)

With P. Iacomo, E.H. Koppe, J.R. Blakey et al. recognized the fast absorption, a completely new type of solar event. *Solar Physics* (1975)

Showed the existence of a group of faintly impulsive bursts (1968)

Discovered a THz flux vs. frequency increasing spectral component (2004)

Obtained the first evidence of two spectrally separated radio/far-infrared emission components one at microwaves and another in the THz range of frequencies (2004)

First to observe and show that there are solar bursts in terahertz range and that occur increasing intensity in according to frequency (2006-16)

With J.E.R. Costa, C.G. Gimenez de Castro, Y.R. Hadarz & J.S. Kingsley. The new submillimeter-wave solar telescope for studying sun IR-spectrum of solar emissions (2001)

With P.M. dos Santos, M.A. Braz & R.M. Borges. Some new radio sources associated to Sersic peculiar galaxies. *Astrop. Space Science* 32:25, 1975

With R.H. Gammon, A.L. Ibañez, J.R.D. Lepine, P.M. dos Santos et al. New H₂O celestial sources associated with H II regions in the Southern Hemisphere. *Nature* 260:306-7, 1976

With G. Trottet, J.P. Raulin, M. Siarkowski, K.L. Klein & D.E. Gary. First detection of the impulsive and extended phases of a solar radio burst above 200 GHz. *Astron. Astrop.* 381:694-02, 2002

With J.P. Raulin, C.G. Gimenez de Castro, H. Levato, D.E. Gary et al. A new solar burst spectral component emitting only in the Terahertz range. *Astrop. J.* 603:121-4, 2004

With R. Marcon developed High Altitude Terahertz Solar Telescope with important innovations

DEVICES

Um interferômetro para cintilações de rádio-estrelas. *Cien. Cult.* 16(2):99-100, 1964

With R. Herrmann, A. Magun, J.E.R. Costa et al. A multi beam antenna for solar MM-wave burst observations with high spatial and temporal resolution. *Solar Physics* (1992)

With R.R. Neli, I. Doi, A.M. Melo & J.W. Swart presented the first fabrication of surface-micromachined microbolometers made of polycrystalline silicon (2004)

With A.M. Melo, A.S. Kudaka, J.P. Raulin, R. Marcon, A. Marún, P. Pereyra & H. Levato. A new setup for ground-based measurements of solar activity at 10 μ m. *Publ. Astron. Soc. Pacific* 118:1558-63, 2006

With R. Marcon, A.M. Melo, E. Tandberg-Hanssen et al. described a new optical setup with reflecting mirrors to produce solar images on the focal plane array of uncooled bolometers of a commercial camera preceded by germanium optics (2007)

Developed Solar-T system consisting of double THz photometers being the first detection device conceived to observe solar flare THz emissions on board of stratospheric balloons (2012)

With A.B.M. Valio, C.G. Gimenez de Castro, A. Magun et al. Polarization emission of millimeter activity at the Sun (POEMAS): new circular polarization solar telescopes at two millimeter wavelength ranges (2013)

With P.L. Kaufmann, S. Pamboukian & R. Vilhena de Moraes. A new independent GPS-free system for geo-referencing from space. *Positioning* 5:37-45, 2014

METHODS

With Z. Abraham & J.E.R. Costa. Imaging techniques and remote sensing of astrophysical objects using millimeter microwaves (1982)

With J.ER.R. Costa, E. Correia, A. Magun et al. New technique for dynamics burst position determination with high spatial definition/time resolution at a mm wavelength (1994)

With J.E.R. Costa, E. Correia, A. Magun & R. Herrmann. A method for arc-second determination of solar burst emission centers with high time resolution and sensitivity at 48 GHz. *Solar Physics* 159:157-71, 1995

With C. Gimenez de Castro, J.P. Raulin, V.S. Makhmutov, J.E.R. Costa et al. Instantaneous positions of microwave solar bursts: properties and validity of the multiple beam observations. *Astron. Astrop. Suppl. Series* (1999)

With P.L. Kaufmann, R. Vilhena de Moraes, H.K. Kugas, L.A. Beraldo & C.N. Motta Marins. Non recursive algorithm for remote geolocation using ranging measurements. *Mathem. Problems Engin.* p.1-10, 2006

With P.L. Kaufman, S.V.D. Pamboukian & R. Vilhena de Moraes. Signal transceiver transit times and propagation delay corrections for ranging and georeferencing applications

With J.P. Raulin, R. Olivieri, A. Magun et al. Time and space distribution of space energetic releases in millimeter-wave solar bursts. *Astrop. J.* (2009)

With C.N. M. Marins, A.A. Ferreira Jr, J.W. Swart et al. New jitter measurement technique using TDC principle in a FPGA component (2009)

With L.O.T. Fernandes, E. Correia, A.B.M. Valio et al. Spectral trends of solar bursts at sub-THz frequencies (2017)

PATENTS

Geographic and space positioning system and process US7528777 (2006)

With R. Marcon. Metodo para maximizar ganho na detecção simultânea de radiação de fontes pequenas em campo extenso de visão. BR352613934 (2011)

With P.L. Kaufman. Process and system to determine temporal changes in retransmission and propagation of signals used to measure distances, synchronize actuators and georeference applications. PI11020172 (2012)

MEMBERSHIP

Elected Associate Member, Royal Astronomical Society of Great Britain (1987)

Pierre Marie Heude

February 29, 2024

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

Pierre Marie Heude, French-born Chinese naturalist and Jesuit (Foug eries, Ille et Vilaine Department 25 June 1836 – Xujiahui, Xuhui District, Shanghai 03 February 1902)

DESCRIBED NEW VALID TAXA

Mollusca

Genera

Buliminidus 1890

Delavaya 1889

Euassiminea 1882

Fenouillia 1889

Pseudomphala 1882

Rathousia 1883

Rivularia 1890

Rudens 1890

Solenomphala 1882

Spirostoma 1885

Species

217

Mammalia

Genera

Dremomys 1898

Trogopterus 1898

Species

Axis calamianensis 1898

Bubalus mindorensis 1888

Dobsonia viridis 1896

Sus bucculentus 1892

Sus cebifrons 1898

Subspecies

Axis porcinus annamiticus 1888

Bos frontalis laosiensis 1901

Capricornis milneedwardsii maritimus 1888

Cervus nippon aplodontus 1884

Cervus nippon grassianus 1884

Cervus nippon soloensis 1884

Cervus nippon yesoensis 1884

Gazella subgutturosa hillieriana 1894

Hydropotes inermis argyropus 1884

Pteropus hypomelanus macassaricus 1897

Rhinoceros sondaicus annamiticus 1892

Rusa marianna barandana 1888

Rusa timorensis floresiensis 1896

Rusa timorensis macassaricus 1896

Sus cebifrons cebifrons 1888

Sus celebensis floresianus 1889

Sus scrofa ussuricus 1888

Ursus thibetanus mupinensis 1901

Ursus thibetanus ussuricus 1901

HONORS

Heudeia Crosse 1885 (Mollusca)

Subg. *Heudiella* Annandale & Prashad 1924 (Mollusca)

Heudister Cooman 1940 (Coleoptera)

Pieter Gerhardus Jordaan

March 1, 2024

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

Pieter Gerhardus Jordaan, South African botanist (1913 – 1987)

SOME BIBLIOGRAPHY

Die morfologie van die saadknop van Suid-Afrikaanse Proteaceae. Doctoral Thesis (1944)

Die saadknop en embriologie van *Leucadendron*/Die saadknop en embriologie van *Leucospermum conocarpum* R.Br. Ann. Univ. Stellenbosch 23:1-53, 1946

Plantegroei van die distrikte Brechasdorp en Caledon. Tydskr. Wetenskaps Kuns, Nuwe Reeks 6(3):47-58, 1946

Die saadknop en Embriologie van *Brabejum stellatifolium*. J. S. Afr. Botany 12:15-26, 1946

Die anatomie van die wortel van *Restio paludosus* en *Leptocarpus vimineus*. J. S. Afr. Botany 12:115-20, 1946

Aantekeninge oor die voortplanting en brandperiodes van *Protea mellifera* Thunb. J. S. Afr. Botany 15:121-5, 1949

Die invloed van'n winterbrand op die voortplanting van vier soorte van die Proteaceae. Tydskrif vir Natuurbouaaring 5:27-31, 1965

Die generatiewe voor planting van die Proteaceae (1972)

HONORS

Jordaniella Hartmann 1983 (Aizoaceae)

Pingtao Li

March 6, 2024

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

Ping Tao Li or Bingtao Li, Chinese botanist (1936 –

DESCRIBED PLANTAE TAXA

Genera

- Antiosstelma* 1992 with Tsiang
- Archileptopus* 1991
- Cheniodendron* 1964 with Tsiang
- Parepigynum* 1973 with Tsiang
- Pentastelma* 1974 with Tsiang
- Sichuania* 1995 with Gilbert
- Sinomarsdenia* 1997 with Chen
- Tsiangia* 1986 with But & Hsue
- Vietnamia* 1994

Species

About 200

Others

4 tribes, 1 subfamily, 1 subgenus, 9 sections and 11 varieties

Pio Manuel Martínez

April 7, 2024

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

Pio Manuel María Martínez Curbelo, Cuban surgeon and anesthesiologist (Nueva Paz, La Habana Province 05 June 1906 – 01 May 1962)

Proposed a modification of Kulenkampf brachial plexus block technique

Nueva tecnica de la anestesia del plexo braquial: ventajas de esta anestesia regional em clinica ortopédica. Rev. Med. Cub. 5:27-31, 1933

Developed Continuous Peridural Segmental Anesthesia Technique (first presented in 1947)

Continuous peridural segmental anesthesia by means of an urethral catheter. Curr. Res. Anesth. Analg. 28:12-23, 1949

Created a continuous rachidial anesthesia with thin needle catheter (1950) and proposed a thinner trocar

Policarpo Luis

March 6, 2024

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

Policarpo Luis Martín, Argentine microchemist (Tres Arroyos 28 July 1914 – ?)

Developed a new method for isolating and identifying cocaine before a number of anesthetic compounds

Developed a new color reaction for assessing nicotine (1941)

Proposed new reagents for identifying hydrogen cyanide such as PAR-palladium

Prabhat Kumar Maithy

April 7, 2024

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

Prabhat Kumar Maithy, Indian paleobotanist (fl.1961

DESCRIBED FOSSIL GENERA

Cyanophyceae

Aphamocapsaopsis 1977 with Shukla

Chlorogloeopsis 1975

Ghoshia 1984 with Mandal

Microcystiopsis 1983 with Misra

Neophormidium 1983 with Misra

Palaeohydrococcus 1983 with Misra

Palaeomicrocystis 1975

Palaeoscytonema 1977 with Shukla

Palaeowestiellopsis 1983 with Misra

Sclerococcus 1982 with Bhargava

Vesicophycus 1984 with Mandal

Vindhyacapsiopsis 1983 with Mandal

Plantae

Barakaroxylon 1962 with Surange

Dichotomopteris 1974

Gondwanophyton 1974

Indoxylon 1963 with Surange

Neomariopteris 1974

Pachwarophyllum 1990 with Prasad

Palmatophyllites 1965

Rotundocarpus 1965

Santhalea 1977

Stellotheca 1978 with Mandal

Sporae & Pollen (With Lele 1969)

Crucisaccites 1964

Gondwanapollis 1969

Pachysaccus 1969

Rimospora 1969

Rugasaccites 1969

Algae

Saccifera 1983 with Mandal

Cnidaria

Ramapuraea 1984 with Shukla

Not Classified

Amjohrea 1992

Misraea 1987 with Babu

Prafulla Chandra Mitter

April 7, 2024

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

Prafulla Chandra Mitter, Indian organic chemist (Barisal, Pakistan 22 June 1882 – Calcutta 12 July 1957)

ACHIEVEMENTS

Discovered the isiminazole group of oxo-chloro compounds

With P. Gupta first synthesized rubiadin, an anthraquinone derivative (1927-8)

With P.N. Bagchi offered an explanation for the formation of some 12 and 16-carbon acids occurring in nature (1939)

DEVELOPED METHODS

A general method for the synthesis of pyrimidines

Ghosh-Mitter procedure in Quart. J. Ind. Chem. Soc. 4:353-66, 1928

With H. Biswas. On an inductive method for the study of natural products. Part I. The naturally occurring anthraquinone derivatives. J. Indian Chem. Soc. 5:769-78, 1928

LINKS

http://insaindia.res.in/BM/BM1_6605.pdf

Prasanta Chandra Mahalanobis

April 7, 2024

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

Prasanta Chandra Mahalanobis, Indian statistician (Calcutta 29 June 1893 – Calcutta 28 June 1972)

From a Bengali family

ACHIEVEMENTS

Authored 271 articles and 5 books

Introduced the concepts of pilot surveys, optimum survey design, repetition and interpenetrating network of samples and sampling planes

Described a variety of designs such as simple random sampling with or without replacement, stratified, systematic and cluster sampling (1944)

Proposed various techniques for assessment and control of errors

Laid down an axiom for the validity of cluster analysis called dimensional convergence of D^2 (c.1924)

Obtained bivariate generalized Lorenz curves (1958)

Established statistically that the region of highest control for changes in weather conditions on the earth surface is located about 4 kilometers above sea level (rediscovered later by German researcher Franz Bauer)

Introduced a method for estimating crop yields

Developed methodologies for construction, performance and data analysis of different aspects of educational tests

Introduced a simple concept of capital-output ratio (1950)

Showed how pilot surveys could be profitably used to estimate the parameters of the variance and cost functions

Developed Fractile Graphical Analysis, a computational tool for statistical data analysis (1969)

HONORS

Weldon Medal, Oxford University (1944)

Honorary Fellow, Royal Statistical Society (Great Britain) 1954

Honorary President, International Statistical Institute (1957)

Honorary Fellow, King's College, Cambridge (1959)

Doctor Honoris Causa, Sofia University (1961)

Gold Medal, Czechoslovak Academy of Sciences (1963)

EPONYMY

Mahalanobis distance (1930)

Mahalanobis density

Mahalanobis depth

Mahalanobis fractile graphs

Mahalanobis index

Mahalanobis kernel

Mahalanobis length

Mahalanobis matrix

Mahalanobis metric

Mahalanobis model (a variant of Leontief model in economics)

Feldman-Mahalanobis model

Mahalanobis moments

Mahalanobis transformation

Mahalanobis-Taguchi system

LINKS

http://www.ias.ac.in/j_archive/currsci/65/1/90-94/viewpage.html

Protasio Lemos da Luz

March 6, 2024

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

Protásio Lemos da Luz, Brazilian cardiologist (Vacaria, Rio Grande do Sul State 24 February 1940 –

Created the concept of myocardial hibernation

With G.A. Diamond, J.S. Forrester et al. Post-extrasystolic potentiation of ischemic myocardium by atrial stimulation. *Am. Heart J.* 95:204-9, 1978

With L.B. Puig, L. Franca Neto, M. Rati, J.A.F. Ramires, F. Pileggi & A.D. Jatene. 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 S. Almeida Oliveira, A.C.P. Barretto, C. Mady, L.A. Dallan, A.D. Jatene & F. Pileggi. Surgical treatment of endomyocardial fibrosis: a new approach. *American Journal of Cardiology* 16:1246-51, 1990

With S. Santos, O. Papini, C.E. Omosako et al. A simple HPLC-fluorescence method for the measurement of R,S sotalol in the plasma of patients with lifethreateing cardiac arrhythmias. *Braz. J. Med. Biol. Res.* 33:199-04, 2000

With A.C.P. Chagas, M.H.C. Carvalho, A.P. Dantas, M.B. Jatene & L.C.B. Souza. Influence of hypoxia on nitric acid synthase activity and gene expression in children with congenital heart disease. A novel pathophysiological adaptive mechanism. *Circulation* 103:2272-6, 2001

Qide Han

February 29, 2024

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

Qide Han, Chinese molecular pharmacologist (Ningbo, Zhejiang Province 19 July 1945 –

Confirmed that α -1-adrenoceptor contained 2 subtypes α 1 and α 2B by their different pharmacological characteristics and revealed different signal transduction mechanisms between the two subtypes in smooth muscles (1985)

Verified the existence of a third subtype α 1D

First to report some cardiovascular effects of neuropeptide Y

Showed how the neuropeptide Y rules the hypertension pathogenesis

Revealed that the increase of neuropeptide Y in cerebrospinal fluid played a key role in the cerebral vascular spasm during the late stage of subarachnoid hemorrhage

Showed that neuropeptide Y existed also in blood platelets

Proposed with colleagues the hypothesis that calcitonin gene-related peptide was a common messenger molecule between neurons and immune system

HONOURS

Woodruff Award, Emory University (2006)

LINKS

<http://www.hhl.org.cn/english/showsub.asp?id=273>

Quintino Mingoia

April 7, 2024

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

Quintino Sante Mingoia, Italian / Brazilian chemical pharmacist (Caltanissetta, Sicily 01 November 1902 – Milano 1982)

Developed a simplified process to obtain amphetamine

Patented a preparation process of new heterocyclic compounds for therapeutic use

Perfected the synthesis of sulphathiazoles

Created a simple method for sulpha dosage employing thiocole alkaline solution in Arch. Biol. 24:183-91, 1940

Developed insecticide Di-nitro-otophenol or IB 946

Oddo-Mingoia method

NEW METHODS & SUBSTANCES

Nuove sintesi di composti organici del selenio. Gazz. Chim. Ital. 58:667, 1928

Su alcuni nuovi composti indolici e funzione mista. Gazz. Chim. Ital. 61:646, 1931

Su alcuni nuovi fosfossidi et acidi fosfonici a nucleo pirrolico i indolico. Gazz. Chim. Ital. 62:333-42, 1932

Su alcuni nuovi derivati antimoniali del pirrolo e degli indoli. Gazz. Chim. Ital. 62:343, 1932

Su alcuni nuovi sali di basi ammoniache quaternarie. Ann. Chim. Appl. 23:104, 1933

Isolamento de novos alcaloides do esporão de centeio. Rev. Quim. Farmacia 1935

Novo methodo de analyse das soluções hydro-glycolicas de para-aminophenylsulfamida. Arq. Biol. 23(214): 50, 1939

Novas sulfonas quimioterapicamente ativas. Arch. Biol. 27:4-7, 1943

With F. Berti. Novos derivados da 4-nitro-4-amino-difenil sulfona. Nota 1. Arch. Biol. 27:55-63, 1943

With C. Perego. Novos derivados sulfamídicos do acido estibanílico. Arq. Biol. 28:137, 1944

With R. Moscovici. Novos métodos de dosagem de tiossemicarbazonas. IV Congr. Bras. Farmacia, 1950

With A. Korolkovas. Novos derivados do acido paramóico. I. Rev. Fac. Farm. Bioquim. S. Paulo 2(1):37-44, 1965

With A. Korolkovas. Novos derivados do acido paramóico. II. Rev. Fac. Farm. Bioquim. S. Paulo 3(2):363-7, 1966

With E.R.M. Hackmann. Síntese de novos derivados sulfanilamídicos. Cien. Cult. 24:64, 1972 (Suppl.)

Nuova serie di antiaggreganti piastrinici. Cronache Farm. (1981)

LINKS

<http://prosopografia.unipv.it/docenti/docente/2120/bibliografia/>

Qun Lin

March 6, 2024

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

Qun Lin, Chinese mathematician (Fujian Province 15 July 1935 –

Suggested an alternative version of calculus to liberate theorems from proofs

Developed extrapolation techniques into an unified approach to finite element method from individual methods

Found out the lower and upper bounds from several nonconforming finite element methods, gave the a posteriori error estimate and proved the higher order accuracy of extrapolation

Formulated a systematic accelerating theory of the solving of the differential equations with abroad repercussion known as theory of exploration of finite and boundary element solution of partial differential equations (1970s)

HONOURS

Bolzano Honorary Medal, Czech Republic Academy of Sciences (2001)

Radi Macruz

April 7, 2024

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

Radi Macruz, Brazilian cardiologist (São Paulo 25 July 1925 – São Paulo 30 November 2020)

Son of Lebanese immigrants

ACHIEVEMENTS

Developed Macruz index (P/P-R segment ratio)

With J.K. Perloff & R.B. Case. A method for the electrocardiographic recognition of atrial enlargement. *Circulation* 17:882-9, 1958

Developed revascularization technique of right coronary for acute infarction of myocardium

With E.J. Zerbini & L.V. Decourt. Cirurgia de revascularização no enfarte agudo do miocárdio. *Arq. Bras. Cardiol.* 23:353-68, 1970

With R.G. Casassa, A.A. Pacher, E. Rossotti, E. Armelin, E.D. Nero Jr & J. Tranchesí. Gradiente sistólico transvalvar nas estenoses aórticas. Novo método para sua determinação. *Arq. Bras. Cardiol.* 23(3):139-46, 1970

With D.P. Garcia, T. Fujioka & S.S. da Silva. New technique for catheterization of the ductus arteriosus. *Arq. Bras. Cardiol.* 24(4):71-6, 1971

First report in the world about coronarian artery opening employing catheterization

With N. Galiano, S. Ariê, E. Armelin, C. Frack, F. Pileggi et al. Enfarte agudo do miocárdio e choque. Tratamento por recanalização arterial através do cateterismo cardíaco. *Arq. Bras. Cardiol.* 25:197-204, 1972

With T. Fujioka, L.V. Decourt 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 in the world to introduce laser in arterial opening (1976-7)

First experimental demonstration of coronarian drainage

With O.M. Gomes, N.L.T.B. Moraes, A.I. Fiorelli, E. Armelin, D. Bittencourt, F. Pileggi, L.V. Decourt & E.J. Zerbini. Fenomeno de derivação do fluxo coronário: primeira demonstração experimental. *Arq. Bras. Cardiol.* 32:141, 1979.

With N.A. Stolf, E. Armelin, E.J. Zerbini, 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, E.J. Zerbini et al. Anastomose arterio-venosa com laser. *Arch. Bras. Cardiol.* 37 (suppl 1):117, 1981

With E. Armelin, M.P. Ribeiro & J.M.G. Brum. A special laser catheter for the use in recanalisation of experimental carotid artery lesions, without interruptions of the circulation. Annual Meeting American Society for Laser Medicine and Surgery, 1983

With J.P. da Silva, M.M. Cascudo et al. Postinfarction ventricular septal defect: an efficacious technique for early surgical repair. J. Thorac. Cardiovasc. Surg. 97:86-9, 1989.

Showed the presence of brain embolism in patients with chronic Chagas disease

With I. Nussenzeveig, A. Spina-França, B.L. Wajchenberg, J. Timoner & L.G. Serra Azul. Acidentes vasculares cerebrais embólicos na cardiopatia chagásica crônica. Arq. Neuropsiqu. 11:386-402, 1953

Novas relações eletrocardiográficas para o diagnóstico das sobrecargas auriculares. Rev. Hosp. Clin.

Presented original concepts about individual normality of arterial pressure

Established a relationship between the area of ischemia and heartache in book Dor Cardíaca

Proposed an inter atrial communication for treating pulmonary hypertension in congenital cardiopathies

His brother, Romeu Macruz, Brazilian veterinarian (Itapetininga, São Paulo State 12 April 1928 – São Paulo 08 August 2015)

Authored over 200 works

Regarded as a world reference on veterinary anatomical pathology

Had one of the world's greatest collections of equine anatomical pathology

Developed a method for scrutinize the brain of domestic animals

SOME BIBLIOGRAPHY

With J. G. Bersano, F.B.N. Farinha & M.A.S.C. Portugal. Hermafroditismo em suíno: relato de caso. Braz. J. Vet. Res. Anim. Science 31(3-4), 1994

Equine abortion incidence anatomy and histopathological diagnostic. Rev. Bras. Reprod. Anim. (Suppl3, pt2):91-9, 1991

With F.H. Ito, S.A. Vasconcellos, E.B. Erbolato & J.A. Cortes. Rabies virus in different segments of brain and spinal cord of naturally and experimentally infected dogs. Inter. J. Zoonoses 38:98-105, 1985

With W. Giorgi, J.M. Teruya, M.E. Genovez et al. Serological survey for equine leptospirosis and the isolation of *Leptospira icterohaemorrhagiae* from an aborted fetus. O Biológico 47:47-53, 1981

With E.N. Mós & O. Lenci. Actinomicose cervical em equino puro sangue inglês. Rev. Fac. Med. Vet. Zoot. U. São Paulo 15(1):97-100, 1978

With E.N. Mós, M.R. Santos & E. Porto. Geotricose em equino puro sangue. Rev. Fac. Med. Vet. Zoot. U. São Paulo 15(1):93-8, 1978

With J.A. Cortes & M.R. Nilsson. Experimental rabies in cattle. Central nervous system histopathology. Braz. J. Vet. Res. Anim. Sci. 14(1):123-7, 1977

With O. Lenci, M.M. Ishizuka, O. Miguel & R.A.F. Cunha. Toxoplasmose em equinos PSI: estudo sorológico. Rev. Fac. Vet. Zoot. U. São Paulo 12:277-81, 1975

With A. Ribeiro Netto, H. Haetinger, F. Pereira Lima & I.B. Luiz. Serum protein as a screening test for equine infectious anemia. Zbl. Veter. Med. 17B:739, 1970

With N.S. Fernandes. Toxicidade da "corona", *Mascagnia pubiflora* (Juss.) Griseb. (Malpighiaceae). Arq. Inst. Biol. Animal 31:1-4, 1964

With I. Kotait, Z.M.P. Peixoto, L.H. Queiroz et al. Diagnóstico laboratorial do aborto equino a vírus através de imunofluorescência e soroneutralização. Rev. Microbiol.

With H.C. Davila. Ocorrência de infecção renal em equídeos causada por *Klossiella equi* (Baumann, 1946)

With W. Giorgi & M.R.S. Santos. Gastric habronemiasis in the horse. Bacteriological examination of the nodules.

With R.M. Franco. Occurrence of a case of granulomatous encephalomyelitis in a thoroughbred horse caused by nematodes.

Rafael Gioia Martins Neto

April 7, 2024

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

Rafael Gioia Martins-Neto, Brazilian paleontologist (São Paulo 15 June 1954 – Barbalha, Ceará State 06 August 2010)

Authored 103 works and 151 notes

With O.F. Gallego proposed the term and concept of thanaethology (death behavior) applied to paleontology (2006)

DESCRIBED FOSSIL TAXA

Insecta

Families

- Araripeculustidae 1995 (Orthoptera)
- Archaeopneumoridae 1987 (Orthoptera)
- Argentinoblattidae 2005 with Gallego (Orthoptera)
- Babinskaiidae 1989 with Vulcano (Neuroptera)
- Bouretidae 1987 (Orthoptera)
- Brauckmanniidae 2007 (Orthoptera)
- Delpuenteblattidae 2007 with Gallego (Blattoptera)
- Limaiidae 1989 with Vulcano (Neuroptera)
- Mancusoblattidae 2005 with Gallego (Blattoptera)
- Palaeoleontidae 1992 (Orthoptera)
- Paranoikiidae 2002 with Zamboni & Popov (Heteroptera)
- Prezotophlebiidae 2007 (Orthoptera)
- Pseudonerthridae 2005 with Ruf & Goodwyn (Heteroptera)
- Taiophlebiidae 2007 (Notoptera)

Subfamilies

- Alloneurinae 1989 with Vulcano (Neuroptera)
- Araripeneurinae 1989 with Vulcano (Neuroptera)
- Caatingatermitinae 2006 with Ribeiro Jr & Prezoto (Euisoptera)
- Cearagryllinae 2009 (Orthoptera)
- Euclidesinae 2007 (Orthoptera)
- Gallegomorphoptilinae 2006 (Hemiptera)
- Olindagryllinae 1999 (Orthoptera)
- Palaeoleontinae 1992 (Orthoptera)
- Pseudonymphinae 1992 (Neuroptera)
- Roesleriinae 1989 with Vulcano (Neuroptera)
- Saaloscytininae 2006 with Brauckmann & Gallego (Hemiptera)

Genera

About 80

Species

245

Crustacea

Genera

- Araripecarcinus 1987
- Beurlenia 1991 with Mezzalira
- Paratumidocarcinus 2001
- Protourda 1992 with Mezzalira
- Pseudocaridinella 1991 with Mezzalira
- Pseudopalaega 1992 with Mezzalira

HONORS (Fossil)

Family Rafaelidade Nel, Bechly, Garrouste, Pohl & Escuillié 2005 (Neuroptera)

Rafaeliana Nel, Garrouste, Bechly, Pohl & Escuillié 2009 (Neuroptera)

Martinsnetoa Zherikhin & Gratshev 2004 (Coleoptera)

Martinsestheria Gallego, Monferran, Astrop & Zacarias 2013 (Crustacea)

Netoxena Sohn 2012 (Lepidoptera)

Rafaelnymphes Myskowiak, Huang, Azar, Cai, Garrouste & Nel 2016 (Fossil Neuroptera)

Rafael Herbst

February 29, 2024

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

Rafael Herbst, German-born Argentine paleobotanist (Hamburg 06 April 1936 – Tucumán Province 02 September 2017)

DESCRIBED FOSSIL PLANTAE GENERA & SUBGENERA

Genera

Alicurana 2002 with Gnaedinger

Archangelskya 1964

Asteracarpus 2004 with Anzótegui

Baqueroties 1967

Buckya 2016 with Crisafulli

Dejerseya 1977

Guaira 1981

Kwazulupteris 2015 with Vera

Marayea 1993

Mollesia 2000 with Melchor

Natalipteris 2015 with Vera

Rochipteris 2001 with Troncoso & Gnaedinger

Santaecruzia 1998 with Gnaedinger

Tranquilia 1988

Tranquiloxyton 1995 with Lutz

Tuvichapteris 1987

Vladiloxyton 2003 with Lutz & Crisafulli

Subgenera

Clathropteroides 1992

Dictyophyllum 1992

Thaumatopteris 1992

Sporae

Clavatriletes 1965

Pisces

Sachajenynsia & *Tucmanableps* 2017 with Sferco, Aguilera & Mirande

HONORS (Fossil)

Herbstosaurus Casamiquela 1974 (Reptilia)

Herbstiloxyton Gnaedinger 2007 (Plantae)

Rafaherbstia Vera & Cesari 2018 (Plantae)

Rafael Laguardia

March 6, 2024

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

Rafael Laguardia Carle, Uruguayan mathematician (Montevideo 10 January 1906 – Montevideo 31 August 1980)

Eponym of theorem of Laguardia

SOME BIBLIOGRAPHY

On some asymptotic properties of the Laplace transformation. *Annalen* 161:116-24, 1965

Sobre la extension de una desigualdad de Tchebycheff (1947)

With B. Levi. On the representation by integrals of some functions defined by Taylor expansions and its application to the solution of partial differential equatons. *Publ. Inst. Mat. Univ. Nac. Litoral* 4:205-32, 1943

Rafael Lucio

March 6, 2024

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

Rafael Lucio Najera, Mexican leprologist (Xalapa, Vera Cruz State 02 September 1819 – Ciudad de Mexico 30 May 1886)

With I. Alvarado described a form of lepromatous leprosy with diffuse infiltration of skin and without nodules known as diffuse leprosy of Lucio-Alvarado-Latapí or simply Lucio leprosy

With I. Alvarado described necrotizing erythema seen in Lucio leprosy known as Lucio phenomenon

Performed possibly the first ligature of femoral artery at lower vortex of Scarpa triangle due to direct popliteal artery aneurysm (1843)

First to note the relationship between the chorea and heart lesions

Rajaram Purushottam Kane

March 2, 2024

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

Rajaram Purushottam Kane, Indian-born Brazilian geophysicist (Damoh 12 November 1926 –

Authored 317 papers (until 2014)

SOME BIBLIOGRAPHY

North-South asymmetry of some solar indices. *J. Atmos. Sol. Terr. Phys.* 67:429-34, 2005

Rainfall extremes in some selected parts of Central and South America: ENSO and other relationships reexamined (1999)

Periodicities and ENSO relationships of the seasonal precipitation over six major subdivisions of India (1999)

Relationship between BQOs of stratospheric winds, ENSO variability and other atmospheric parameters. *Int. J. Climatology* 12(5):435-47, 1992

Quasi-biennial and quasi-triennial oscillations in geomagnetic activity indices. *Ann. Geophys. Atm. Hydro Space Sciences* 15:1581-94, 1997

With N.B. Trivedi. Are the equatorial electrojet and counter-electrojet centered invariably on the dip equator? *J. Atm. Terr. Phys.* 44:301, 1982

With N.B. Trivedi. Comparison of storm-time changes of geomagnetic field at ground and at MAGSAT altitudes (1981)

Central plane of the ring current responsible for geomagnetic disturbance in the South American regions. *Ann. Geophysicae* 37:271-80, 1981

Irregular variations in the global distribution of total electron content. *Radio sc.* 15:837-42, 1980

Maximum entropy spectral analysis of some artificial samples. *J. Geophys. Res.* 84:965-6, 1979

With N.B. Trivedi. Equatorial enhancement of DP2 fluctuations. *Planet Space Sci.* (1979)

Power Spectrum analysis of solar and geophysical parameters. *J. Geomagn. Geoelectr.* 29:471-95, 1977

Dilemma of the equatorial counter electrojet and the disappearance of Esq. *Indian J. Rad. Space Science* 5:6-12, 1976

Day-to-day variability of ionospheric electron content and mid-latitudes. *J. Geophys. Res.* 50(22):3091-9, 1975

Relation between solar magnetic sector structure and geomagnetic Dst. *Proc. Ind. Acad. Sci* 81A:233, 1975

Equatorial electrojet and interplanetary plasma parameters. *Ind. J. Rad. Spa. Phys.* 4:132, 1975

A study of days showing non-field aligned diffusion vectors of cosmic ray diurnal anisotropy. *J. Geophys. Res.* 80:3509, 1975

Global evolution of the ionospheric electron content during some geomagnetic storms. *J. Atmos. Terr. Phys.* 37:607-11, 1975

Evolution of disturbances daily variation (DS) and interplanetary plasma parameters. *Proc. Indian Acad. Sci.* 80:124-39, 1974

An estimate of the equatorial strength. *J. Atmos. Terr. Phys.* 35:1965-7, 1973

Global evolution of F2-region storms. *J. Atm. Terr. Phys.* 35:1953-66, 1973

Relationship between the various indices of geomagnetic activity and the interplanetary plasma parameters. *J. Atmos. Terr. Phys.* 34:1941, 1972

Relationship between H ranges at equatorial and middle latitudes. *J. Atm. Terr. Phys.* 33:319-27, 1971

Longitudinal spread of equatorial Sq variability. *J. Atmos. Terr. Phys.*

Relationship between the Southern oscillation/El Niño and rainfall in some tropical and midlatitude regions

A preliminary estimate of the size of the coming solar cycle

Short-term periodicities in solar indices

Rajendra Nath Lakhanpal

March 6, 2024

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

Rajendra Nath Lakhanpal, Indian palaeobotanist (Sowaddi, Panjab 05 August 1923 – Lucknow 19 January 2012)

DESCRIBED FOSSIL PLANTAE TAXA (incomplete)

Genera

Atlantioxylon 1978 with Prakash & Bande

Baphioxylon 1970 with Prakash

Brachystegioxylon 1970 with Prakash

Calophylloxylon 1965 with Awasthi

Euphorioxylon 1981 with Awasthi & Guleria

Heritieroxyton 1981 with Prakash & Awasthi

Isobertineoxylon 1970 with Prakash

Mallotoxylon 1964 with Dayal

Mesuoxylon 1963 with Awasthi

Mimosaceoxylon 1970 with Prakash

Monocotylostrobus 1982 with Prakash & Bande

Pterospermoxylon 1980 with Awasthi & Guleria

Schleicherioxylon 1981 with Awasthi & Guleria

Tetrameleoxygen 1966 with Verma

Species

Aphanamixis bhikhnatoriensis 1990 with Awasthi

Araucarioxylon mohgaoensis 1975 with Prakash & Bande

Ardisia antiqua

Atlantioxylon indicum 1978 with Prakash & Bande

Baphioxylon premicrophyllum 1970 with Prakash

Bauhinia kachhhensis 1982 with Guleria

Bauhinia siwalika 1991 with Guleria

Bombacites orientalis 1954

Brachystegioxylon premicrophyllum 1970 with Prakash

Burseroxylon garugoides

Callophyllum cuddaloreense 1964 with Awasthi

Calophylloxylon indicum 1965 with Awasthi

Cassia antiqua

Cassia miokachchensis 1982 with Awasthi

Ceriops kachchensis 1984 with Guleria & Awasthi

Cinnamomum eokachchensis 1981 with Guleria

Cinnamomum miokachchensis 1982 with Guleria

Cinnamomum palaeotamala 1984 with Awasthi

Cunninghamia chaneyi 1958

Derris champarensis

Dicotylophyllum cordatum 1984 with Awasthi

Dicotylophyllum panandhroensis 1984 with Awasthi

Dicotylophyllum quadrinervatum 1984 with Awasthi

Dipterocarpus siwalicus 1981 with Guleria

Elaeocarpoxyton mandlaensis 1976 with Bande

Euphorioxylon indicum 1981 with Awasthi & Guleria

Ficus champarensis 1984 with Awasthi

Ficus kachchensis 1981 with Guleria

Ficus khariensis 1982 with Guleria

Ficus praecunia 1968
Fissistigma senii 1969
Garcinia borooghii 1963
Grewia archaeocolumnaris
Grewia argentioides 1952
Grewia foxii
Grewia garoensis
Heritieroxylon arunachalensis 1981 with Prakash & Awasthi
Ipomoea eriocarpoides
Isobertlineoxylon congoense 1970 with Prakash
Lagerstroemia patelii 1981 with Guleria
Lagerstroemioxylon deomaliensis
Laurinoxylon deomaliensis 1981 with Prakash & Awasthi
Laurinoxylon namsagensis 1981 with Prakash & Awasthi
Leguminocarpon khariensis 1982 with Awasthi
Leguminophyllum khariensis 1982 with Awasthi
Leguminosites khariensis 1982 with Awasthi
Mallotoxylon keriense 1964 with Dayal
Mangifera someshwarica 1984 with Awasthi
Mesua tertiana 1963 with Bose
Mesuoxydon arcotense 1963 with Awasthi
Millettia asymmetrica with Guleria
Millettia miocenica 1982 with Awasthi
Millettioxylon palaeopulchra
Mimosaceoxylon lebacqui 1970 with Prakash
Monocotylostrobus bracteatus 1982 with Prakash & Bande
Murraya khariensis 1982 with Awasthi
Neolitsea sahnii
Nipa sahnii 1952
Palmacites khariensis 1982 with Guleria
Palmoxydon parapaniensis 1979
Palmoxydon surangei 1955
Pandanus eocenicus 1984 with Awasthi
Phoebe champarensis 1990
Phyllites grewioides
Phyllites obovatus
Podocarpoxylon kutchensis 1975 with Guleria & Awasthi
Pongamia siwalika
Pterocarpus ovatus
Pterospermoxylon kutchensis 1980 with Awasthi & Guleria
Schleicheroxylon kachchhensis 1981 with Awasthi & Guleria
Shorea burmindica
Sterculinium deccanensis 1976 with Prakash & Bande
Sterculioxylon varmahii
Syzygium kachchhense 1981 with Guleria
Syzygium palaeobracteatum 190 with Awasthi
Terminalia kachchhensis 1984 with Guleria & Awasthi
Terminalia panandhroensis 1981 with Guleria
Terminalia oregona 1958
Tetrameleoxylon prenudiflora 1966 with Verma
Toona siwalica 1990 with Awasthi
Trachycarpus ladakhiensis 1983 with Prakash, Thussu & Guleria

Urena palaeolobata 1990 with Awasthi

Others

Species

Alisporites phaseolosaccatus 1958 with Sah & Dube

Charites siwalikus 1974 with Kapoor & Jain

Planisporites parvus 1958 with Sah & Dube

Platysaccus crassimarginatus 1958 with Sah & Dube

Raskyaechara purniagiriensis 1974 with Kapoor & Jain

Platysaccus tenuis 1958 with Sah & Dube

Striatites renisaccatus 1958 with Sah & Dube

Striatites kumaoensis 1958 with Sah & Dube

Striatopodocarpites gondwanensis 1958 with Sah & Dube

Succinctisporites ovalis 1958 with Sah & Dube

Pityosporites potonie 1958 with Sah & Dube

Ralph Lainson

March 6, 2024

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

Ralph Lainson, British parasitologist and protozoologist in Brazil (Upper Beeding, Sussex, England 21 February 1927 – Belém do Pará 05 May 2015)

ACHIEVEMENTS

Authored about 150 papers

Demonstrated the role of wild rodents as reservoirs of cutaneous leishmaniasis in Central and South America

With O. Causey first to show species of *Leishmania* other than *Leishmania braziliensis* infecting humans (1963)

Described the first experimental transmission of *Leishmania chagasi* by the bite of the sandfly *Lutzomyia longipalpis*

With R. Ward & J.J. Shaw. Experimental transmission of *Leishmania chagasi*, causative agent of neotropical visceral leishmaniasis, by the sandfly *Lutzomyia longipalpis*. Nature (London), 266(5603):628-630, 1977

With P. D. Ready. First experimental transmission of a neotropical *Leishmania* by the bite of a sandfly: identity of the vector. Transactions of the Royal Society of Tropical Medicine and Hygiene 76(1):130-131, 1982

With J.J. Shaw described *Leishmania (Leishmania) amazonensis* 1972, the etiologic agent of diffuse cutaneous leishmaniasis

With F.T. Silveira, J.J. Shaw & R.S. Ribeiro. Cutaneous leishmaniasis in Amazonia. Report of the 1st human case of mixed infection, determined by 2 different *Leishmania* species: *Leishmania brasiliensis* and *Leishmania mexicana amazonensis*. Rev Inst Med Trop São Paulo 26(5):272-275, 1984

With A.P. Matos & I. Paperna. An erythrocytic virus of the Brazilian tree-frog *Phrynomphryas venulosa*. Mem. Inst. Oswaldo Cruz. 90(5):653-5, 1995

Developed new methods

With J.J. Shaw. A simply prepared amastigote leishmanial antigen for use in the indirect fluorescent antibody test for leishmaniasis. J Parasitol 63(2):384-385, 1977

With R. Ward & J.J. Shaw. Some methods for membrane feeding of laboratory reared, neotropical sandflies (Diptera: Psychodidae). Ann Trop Med Parasitol 72(3):269-276, 1978

With M. A. Miles, M.M. Póvoa, A.A.A. Souza & J.J. Shaw. Some methods for the enzymic characterization of Latin-American *Leishmania* with particular reference to *Leishmania mexicana amazonensis* and subspecies of *Leishmania hertigi*. Transactions of the Royal Society of Tropical Medicine and Hygiene 74(2):243-252, 1980

With E.A.Y. Ishikawa & J.J. Shaw. A rapid and sensitive method for the identification of *Leishmania* with monoclonal antibodies using fluorescein-labelled avidin.. Transactions of the Royal Society of Tropical Medicine and Hygiene 83(6):783-784, 1989

DESCRIBED TAXA (Protozoa)

Family

Garniidae 1971 with Landau & Shaw

Genera & Subgenera

Alloglugea 1995 with Paperna

Cyrellia 1981

Fallisia 1974 with Landau & Shaw

Garnia 1971 with Landau & Shaw

Hemolivia 1990 with Petit, Landau & Baccam

Progarnia 1995

Saurocytozoon 1969 with Shaw

Viannia 1987 with Shaw

Species

Described over 100 new Protozoa species and 4 Diptera species (until 2011)

HONORS

Lainsonia Landau 1973 (Protozoa)

Ram Charan Mehrotra

April 7, 2024

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

Ram Charan Mehrotra, Indian inorganic chemist (Kanpur, Uttar Pradesh 16 February 1922 – Jaipur 11 July 2004)

Authored about 500 research papers

Suggested the applicability of an universal type of indicators with acidic and basic functions

Described the synthesis and properties of a number of highly polymeric species

First successfully synthesized aluminum carboxylates (1953)

Ramesh Chandra Misra

April 7, 2024

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

Ramesh Chandra Misra, Indian geologist and petrologist (1913 – 07 June 2002)

Described with Singh & Kumar the fossil species *Colonella kajrahatensis* and *Conophyton vindhyaense* (1974)

SOME BIBLIOGRAPHY

Role of plants and micro-organisms in the formation of rocks and mineral deposits of economic importance. Geophytol. (1976)

With A.R. Bhattacharya. Geology of the area around Kapkot, Almora district, U.P. Him. Geol. 2:252-70, 1972

With D.M. Banerjee. Sedimentological studies in the Calc zone of Pithoragahr, U.P. (1968)

With D.M. Banerjee. Stratigraphy, correlation and tectonics of Sarju-Pungar valley area, District Almora and Pithoragahr, U.P. Publ. Centr. Adv. Stud. Geol. Punjab Univ. 5:101-13, 1968

With R.P. Sharma. Geology of the Devidhura area, District Almora, U.P. J. Geol. Soc. (1967)

With S. Kumar. A note on the occurrence of stromatolites from the Thalkedar Limestone from Raintola District, Pithoragahr, U.P. (1966)

With N. Awasthi. Fossil finds from the Vindhyan formations of India. Bull. ISMAG Geol. Soc. S.K.Roy Comm. (1962)

With K.S. Valdiya. The calc zone of Pithoragahr with special reference to the occurrence of stromatolites. J. Geol. Soc. India 2:73-90, 1961

Fermoria, the enigma of Indian palaeontology. J. Palaeont. Soc. India 2:54-7, 1957

A new collection of fossils from the Suket Shales (Vindhyan). Curr. Sci. (1951)

With G.S. Bhatnagar. On carbonaceous discs and algal dust from the Vindhyan (Precambrian). Curr. Sci. 19:88-9, 1950

On organic remains from the Vindhyan (Precambrian). Curr. Sci. 18:438-9, 1949

With C.P. Sood. Diaspore with pyrophyllite from Hamirpur District, United Provinces. Curr. Sci 16:184, 1947

HONORS

Misrapollenites Anand-Prakash 1972 (Fossil Spores/Pollen)

Misracyathus Vologdin 1959 (Archaeocyatha)

Misraea Maithy & Babu 1987 (Not Classified)

Ramon Godofredo Loyarte

March 6, 2024

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

Ramón Godofredo Loyarte Merino, Argentine physicist (Concepción del Uruguay, Entre Ríos Province 08 November 1888 – Buenos Aires 30 May 1944)

Authored 40 works about magnetism and atomic spectroscopy

Developed an experimental method for hysteresis losses

With R. Gans. Uber drehende hysteresis. Arch. F. Elektr. 3(6):139-50, 1915

With R. Gans gave the first qualitative theoretical explanation about ferromagnetic resonance absorption in Ann. Physik 64(4):209, 1921

Showed that iron and nickel elements lost its magnetism the frequency of short Hertzian waves

Conjectured the existence of quantum states of atomic rotation (1927), refuted by Loedel Palumbo

Described a device for finding lines at ultraviolet light and discovered 60 new atomic emission lines

El espectro de emisión del mercurio entre 1868 y 3000 Å. Contribuciones 5:109-20, 1927

Proposed the 1, 4 volts addition and subtraction potential

Sobre la existencia del potencial de adición y sustracción 1,4 volt en el átomo de mercurio (1928)

Über das Vorkommen des Additions und Subtraktions-Potentials 1,4 Volt im Quecksilberatom. Physik. Zeitschr. 31:929-39, 1930

Developed a method for detecting adulterating herbs in preparations of maté

With M.H. de Bose. Sobre los espectros de observación de soluciones de yerba mate, caona, canelón y ante. Contr. Est. Cien. Fis. Mat. Ser. Matem. Fis. 82:197, 1928

Showed the possibility of determining with safety the doping in horses employing spectroscopic analysis of saliva

With J. Placeres. Detection of alkaloids in animals by spectroscopic analysis of saliva (horse). Roentgen 1(7), 1938

With J. Placeres. Descubrimiento de alcaloides en animales inyectados por examen espectroscópico de la saliva. Rev. Fac. Cien. Fisicomat. (1940)

Ramón Gutierrez

February 29, 2024

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

Ramón Gutierrez Alonso, Chilean entomologist (Santiago 11 January 1917 – Santiago 26 November 1953)

DESCRIBED COLEOPTERA GENERA

Asterodemidea 1952

Dihydrenonyx 1949

Epicallichloris 1951

Eubarybas 1952

Heterocallichloris 1951

Homoliogenys 1952

Lichniops 1946

Microogenius 1951

Mimotribosthetes 1949

Neolichnia 1943

Pseudodicrania 1950

HONORS

Neogutierrezia Martínez 1953 (Coleoptera)

Ramón Latorre

March 6, 2024

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

Ramón Rogelio Latorre de la Cruz, Chilean biophysicist and cellular physiologist (Santiago 29 October 1941-

ACHIEVEMENTS

With spouse Cecilia Hidalgo measured the electric potential of jibia axons

With M.C. Hidalgo. Effect of temperature on resting potential in giant axons of squid. *Nature* 221 (962):219, 1969

Set the basis for understanding voltage-dependent conductances with single channel studies many years before patch clamping techniques

With G. Ehrenstein & H. Iecar. Ion transport through excitability-inducing material (EIM) channels in lipid bilayer membranes. *J. Gen. Physiol.* 60:72, 1972

First to demonstrate the existence of ion channels in muscle tissue independently of other researchers (1981)

Predicted that stimulus modifies the probability of open or close state of ion channels and not modifies their conductive capacity

Demonstrated the multi-ion nature of calcium-activated voltage dependent potassium channel

First described the protein random walk that coexists with ionic conductances gating, and the two state kinetic conditions determining the open and close state for such channels

Conceived an experimental methodology to isolate ionic channels

First to reconstitute a naturally occurring ionic channel into lipid bilayers

Discovered a set of ion channels displaying activation by cyclic AMP

With Spanish Miguel Valverde discovered that a modulatory beta subunit of the smooth muscle calcium and voltage-dependent potassium channel behaves as an estrogen receptor and first described the binding of estrogens to a calcium-activated ion channel

With Argentine Enrico Stefani & Mexican Lúgía Toro established the relationship between structure and function of calcium-activated K channel

Holds about 8,600 citations

HONOURS

Visiting Researcher, Physiology Department of Duke University (1973)

Assistant Professor, Department of Physiological and Pharmacological Sciences, Chicago University (1975)

Associate Professor, Medicine College of Harvard University (1977)

Elizabeth R. Cole (today Founders) Award, Biophysical Society of USA (1989)

Distinguished Visiting Professor, Baylor College of Medicine, Houston (1989)

Main Orator, Dies Accademicus, University of Ulm (1992)

Foreign Member, National Academy of Sciences, United States (1999)

Ramón Macías

April 7, 2024

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

Ramón Macías Zepeda, Mexican surgeon (Villa de los Reyes, Michoacán State 14 January 1856 – Ciudad de Mexico 04 September 1916)

With Regino Gonzalez performed the third case of perineal prostatectomy in the world using a new procedure (1896) that described in 1897

Le cure radicale du prostatisme: quelques idees originales et nouveaux chirurgicaux. Rev. d. Anat. Pathol. et Clin. Mexico (1897)

Introduced a number of improvements to hysterectomy

Described a technique for intermittent drainage of pleura before Mozingo

La canalización intermitente de la pleura. Rev. Anat. Patol. Clin. 2:485-80, 1879

Developed a treatment for urethral narrowings (1885)

DEVELOPED/INVENTED

A dilator mirror for bladder

Curved handgrip needles for prostatectomy

New dilator urethrotome

An automatic lancet or knife

Ranajit Kumar Kar

March 2, 2024

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

Ranajit Kumar Kar, Indian micropalaeontologist (1936 –

Diporocolpis: a new type of aperture from the early Eocene sediments of Rajasthan, India (1995)

DESCRIBED FOSSIL GENERA

ACRITARCHA

Cephalia 1974 with Sah

Cryptosphaera 1974 with Sah

Octaplata 1974 with Sah

Palamea 1974 with Sah

Psilosphaera 1974 with Sah

Temporina 1974 with Sah

FUNGI

Ceratohirudispora 2010 with Mandaokar & Kar

Cervichlamydospora 2010 with Mandaokar & Kar

Chlamydospora 2010 with Mandaokar & Kar

Circinoconites 2010 with Mandaokar & Kar

Colligerites 1977 with Jain

Dendromyceliates 1977 with Jain

Dictyomykus 2010 with Mandaokar & Kar

Dictyostromata 2010 with Mandaokar & Kar

Kutchiathyrites 1977

Lithomucorites 2010 with Mandaokar & Kar

Lithosporocarpina 2010 with Mandaokar & Kar

Meliostroma 2010 with Mandaokar & Kar

Mycozygosporangia 2010 with Mandaokar & Kar

Palaeogigaspora 2010 with Mandaokar & Kar

Pseudosphaerialites 1969 with Venkatachala

Sphaerialites 1969 with Venkatachala

Stauromyca 2010 with Mandaokar & Kar

Teliosporites 2010 with Mandaokar & Kar

Tetradigita 2010 with Mandaokar & Kar

ALGAE

Leioplanktona 1976 with Saxena

Matanomadhia 1976 with Saxena

Spinasphaera 1976 with Saxena

SPORAE

At least 147

Rappal Sangameswara Krishnan

March 2, 2024

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

Rappal Sangameswara Krishnan, Indian physicist (Rappal, Kerala 23 September 1911 – 02 October 1999)

ACHIEVEMENTS

Discovered a new optical effect (Krishnan effect) in 1937

Demonstrated the existence of deuteron-tritium reaction

First established the deuteron-induced fission in uranium and thorium

Developed the ultraviolet technique of excitation for Raman spectroscopy and successfully recorded for the first time the second-order Raman spectra of diamond and alkali halides

First made Brillouin scattering experiments in diamond, quartz, alumina and alkali halides

LINKS

<http://insaindia.org/pdf/K-Fin-396-466.pdf>

Raul Dodsworth Machado

April 7, 2024

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

Raul Dodsworth Machado, Brazilian microscopist (Belo Horizonte 11 June 1917 – Rio de Janeiro 05 August 1996)

Authored about 80 scientific papers

Performed outstanding contributions to knowledge of *Electrophorus electricus* ultrastructure

Authored with K.R. Porter classic papers on plant cell division and endoplasmic reticulum of plant cells

METHODS

With M.E. Fonseca, N. Frimer, R.E. Mendonça & J.N. Couceiro. A combined staining technique developed for virus particle observation in the electron microscope. Rev. Bras. Biol. 44(1):37-40, 1984

With N.M. Pereira, W. de Souza & F.T. de Castro. Isolation and properties of flagella of Trypanosomatids. J. Protozool. 24(4):511-4, 1977

Developed a method for observation of phase changes in vegetable waxes

Melting and crystallization of vegetable waxes. J. Amer. Oil Chem. Soc. 34:388-93, 1957

A method of emptying and examining glass microelectrodes under the electron microscope

With G.M. Oliveira Castro. Control of glass microelectrodes for intracellular recordings. Experientia 25:556-8, 1969

SOME BIBLIOGRAPHY

With C.F. Barros. Epidermis and epicuticular waxes of *Syagrus coronata* leaflets. Can. J. Bot. 73:1947-52, 1995

With J.B. Fontenelle & C.G. Costa. Foliar anatomy and micromorphology of eleven species of *Eugenia* L. (Myrtaceae). Bot. J. Linn. Soc. 115:111-33, 1994

With F.C. Miguens & R.P. Louro. A scanning electron microscope study of normal and vitrified leaves from *Datura insignis* plantlets cultured in vitro. Plant Cell Tiss. Organ Culture 32(1):109-113, 1993

With G.B. Fontenelle & D.M.S. Gomes. Anatomia foliar de *Gomidesia martiana* Berg e *G. fenzeliana* Berg (Myrtaceae). Rev. Bras. Bot. 16(1):17-30, 1993

With R.P. Louro & F.C. Miguens. Structure and development of stellate trichomes in *Andradea floribunda* Fr. Allem. (Nyctaginaceae). Bot. J. Linn. Soc. 109(2):203-10, 1992

With M. Taffarel, M. Attias & W. de Souza. Structural and cytochemical localization of the endoplasmic reticulum in the electrolyte of *Electrophorus electricus*. Micros. Electron. Biol. Cell. 12(1):35-44, 1988

With F.C. Miguens & M.A. Esquibel. Scanning electron microscopy of the electric organs of *Electrophorus electricus* L. Cell Tiss. Res. 234(3):641-53, 1983

With W. de Souza, M. Benchimol, M. Attias & K.R. Porter. Observations on the innervated face of the electrolyte of the main organ of the electric eel (*Electrophorus electricus* L.). Cell Tiss. Res. 213(1):69-80, 1980

With J.T.C. Araújo & W. de Souza. Ultrastructural localization of calcium-binding sites in the electrolyte of *Electrophorus electricus* (L.). Cell. Set. 38:97-104, 1979

With M.M. Oliveira & C. Chagas Filho. Calcium binding to electroplate membranes from *Electrophorus electricus* (1978)

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

With W. de Souza, G. Cotta Pereira & G. Oliveira Castro. On the fine structure of *Electrophorus electricus* L. Cell Tissue Res. 174:355-66, 1976

With R. Schmid. Pit membranes in hardwoods. Fine structure and development. Protoplasma 66(1):185, 1968

With F.R. Milanez & C.A. Areia. Alguns aspectos da infraestrutura foliar. XVIII Congr. Nac. Botanica (1967)

With M.A.B. Arraes & V.A. Nepomuceno. Sobre a anatomia da folha da carnaubeira (*Copernicia prunifera* Miller) H.E. Moore. An. Acad. Bras. Ciencias (1966)

With A. Mattos Filho & J.M.G. Pereira. Estrutura microscópica e submicroscópica da madeira da *Bauhinia forficata* Link (Leg. Caes.). Rodriguesia 37:313-28, 1966

With R. Schmid. Estrutura das pontuações guarneçadas de *G. marginata* Taub. (Leg. Caes.). Arq. J. Bot. 18:285-92, 1962-5

With R. Schmid. Observations on the structure of pit membranes in hardwood cells (1964)

The origin and fine structure of the sculptured pits in Leguminosae. Planta p.612-6, 1964

With R. Schmid. The fine structure of vestured pits in the genus *Plathymenia*. Holz Roh-Werkstoff 21(2):41-7, 1963

With K.R. Porter. The endoplasmic reticulum and the formation of plant cell walls (1960)

With K.R. Porter. Studies of the endoplasmic reticulum. IV. Its form and distribution during mitosis in cells of onion root tip. J. Biophys. Biochem. Cytol. 7:167, 1960

With F.R. Milanez. Aplicação da microscopia eletrônica ao estudo dos laticíferos embrionários de *Euphorbia pulcherrima* Willd. Rodriguesia 18-19:30-31, 1956

Pareceres sobre a essência de sassafrás, método de doseamento do safrol. Bol. Inst. Oleos (1949)

Estudos sobre as plantas ceríferas, sementes oleaginosas e método de análise. Bol. Inst. Oleo (1944-5)

Principais diferenças anatômicas entre os segmentos foliares de *Copernicia australis* Becc. e de *C. cerifera*. Bol. Inst. Oleos 3:7-12, 1945

LINKS

http://www.sbm.org.br/arquivos/Boletim_5_De06.pdf (Portuguese)

His father, Renato Brancante Machado, otorhinolaryngologist (Rio de Janeiro 14 February 1890 – Rio de Janeiro 15 May 1958)

Developed Machado technique for surgical treatment of ozena (before C. Eyries)

Considerações sobre a terapeutica cirúrgica da ozena. Rev. Bras. Otorrin. 4:311-6, 1939

Raul Hernandez Peón

February 29, 2024

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

Raul Hernandez Peon, Mexican neurophysiologist (Merida, Yucatan 16 July 1924 – Ciudad de Mexico 16 April 1968)

Authored about 150 papers

Regarded as one of the leading world researchers in the field of neurophysiological mechanisms of sleep

ACHIEVEMENTS

Established that sensorial impulses are sorted at low levels of nervous system

Determined the existence of a cholinergic system of sleep proposing its mechanism and anatomical structure

Concluded that activation of reticular formation of brain stem exerts a descendent influence on sensorial pathways by means of inhibiting centrifugal fibers

Postulated that supra-mesencephalic structures are not essential to habituation development

Theorized that reticular formation receives and controls the external information

With French & Livingston showed clearly that the same system of neurons which mediated the ascending arousing or activating response was itself under the influence of impulses descending in corticofugal pathways (1952-3) and confirmed the existence of reticulofugal inhibitory mechanisms acting upon the first sensory synapse (1954-5)

Theorized that wakefulness-sleep systems and the positive-negative motivational systems are subserved by common anatomic subcortical limbic-midbrain structures and are reciprocally connected in dynamic equilibrium so that the level of activity in each system is modified by impulses coming from sensory receptors or from the neocortex

First to demonstrate that the cortical potential evoked by a sensory stimulus and previously diminished by habituation, increases in voltage during reinforcement

Concluded that electrical activity of the olfactory bulb was indicative of the state of activation of the brainstem arousal system

Predicted that many psychiatric disorders were associated with the failure to inhibit responses to stimuli which have little informational value

Put forward the concept that habituation is not only the primary learning process, but seems to be a common denomination for the establishment of all other more complex types of learning (1959)

Showed that rostral side of reticular formation of brain stem was essential to awakening and wake maintenance

Enunciated the concept that rostral brainstem influences that inhibit the mesencephalic reticular system primarily in the limbic system (1960)

Demonstrated that the medial forebrain bundle forms a key part in the rostral sleep system into which there is confluence of heterogeneous hypnogenic pathways and also showed these elements to act by inhibiting the meso-diencephalic arousing neurons

Introduced a model indicating reciprocal connections between the cerebral cortical system which rather accurately predicted the organization of the hypnogenic circuits in the brain as shown in his subsequent works (1961)

Showed that when micro-crystals of cholinergic agents were applied to specific neural circuits the sleep was produced in all its various phases and stages

Proved the descending path of the hypnogenic influences

Concluded that descending and ascending paths of cholinergic hypnogen system act to induce sleep by inhibiting the meso-diencephalic activating system

Established the physiological bases of the mechanisms that regulate sensory inputs and that subtend the phenomena of attention and learning

Created a unicist theory for distinct dreams

He has working out an original brain stem perfusion technique when passed away

BIBLIOGRAPHY

Physiology & Behavior 5(4):379-88, 1970 (includes complete bibliography of Hernandez Peón)

Raul Marsal Cordoba

April 7, 2024

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

Raul Jaime Marsal Córdoba, Argentine-born Mexican geotechnical engineer (Buenos Aires 11 January 1915 – Ciudad de Mexico 02 December 1990)

ACHIEVEMENTS

Stablished worldwide used criteria for design in built works with rockfillings.

Proposed Marsal method

Large scale testing of rockfill materials. Journal of Soil Mechanics and Foundation Engineering. ASCE 93(2):27-43, 1967.

Proposed Marsal apparatus, a triaxial apparatus to test rockfill samples (1973)

Triaxial apparatus for testing rockfil samples. 2nd Panam. CSMFE, Brazil, vol. 2, 67, 1963.

Held at least 12 US patents.

AWARDS

Thomas A. Middlebrooks Award, American Society of Civil Engineers.

SOME BIBLIOGRAPHY

Unconfined compression and vane shear tests in volcanic lacustrine clay. Conference on Soils for Engineering Purposes, Mexico. ASTM SPT 232. Pp.229-241, 1957.

Behavior of a Sandy Uniform Soil During the Jaltipan Earthquake, Mexico. Proc. 5th International Conference on Soil Mechanics and Foundation Engineering. Paris. 3:229-233, 1961.

Stochastic processes in the grain skeleton or soils. Proc. 6th ICSMFE 1(1-2):303-307, 1965.

Grain Forces in Non-Cohesive Soils. Proc. 3rd Pan-Am.Conf.Soil Mech.Found. Engng. 1:227-247, 1967.

With L. Ramírez de Arellano. Performance of El Infernillo Dam 1963-1966. J. Soil Mech. Found. Div. ASCE 93(4). Proc. Paper 5318, pp.265-298, 1967.

Mechanical properties of rockfill. In: Hirschfeld, R.C. & Poulos, S.J. (eds). Embankment Dam Engineering. Casagrande Volume. Wiley, New York. Pp.109-200, 1973.

With P. La Rochelle. Soil improvement. State of the art report. Proc. 10th ICSMFE 4. Stockholm, 1981.

With P. La Rochelle. Slope Stability. General report. Proc. 10th ICSMFE 4:485-505, Stockholm, 1981.

Raul Matera

April 7, 2024

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

Raul Floreal Matera Granata, Argentine neurosurgeon (Buenos Aires 07 May 1915 – Buenos Aires 21 March 1994)

From Calabrese father

DEVELOPED METHODS

With R. Carrillo. Nueva tecnica operatoria minima. Leucotomía selectiva en el dolor visceral. Seara Medica 5(2-4):133-42, 1950

Antibioticos y quimioterapicos en neurocirugía. Tecnica de su empleo. Resultados terapeuticos (Antibiotics and chemotherapeutic agents in neurosurgery: technic and use and therapeutic results). Dia Med. 25(5):92-6, 1953

DESCRIBED SIGNS

Signos yodovertriculograficos en las aracnoiditis encefalicas. Rev. Neurol. Bs. Aires 11(3):231-83, 1946

Matera-Insausti sign (a painful paravertebral percussion)

Raymond Ferdinand Laurent

March 6, 2024

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

Raymond Ferdinand Louis Philippe Laurent, Belgian / Argentine herpetologist (Wasmes, Wallonian Region, Hainaut Province 16 May 1917 – San Miguel de Tucumán 03 February 2005)
Developed a new biometrical method for finding better ratio characters

DESCRIBED NEW TAXA

Amphibia

Families

- Herpelidae 1984
- Mantellidae 1946
- Hyperoliidae 1943
- Phrynobatrachidae 1941

Subfamily

- Scaphiophryninae 1946

Genera

- Abroscaphus* 1940
- Acanthixalus* 1944
- Afrixalus* 1944
- Arthroleptulus* 1940
- Callixalus* 1950
- Chrysobatrachus* 1951
- Coracodichus* 1940
- Cryptothylax* 1950 with Combaz
- Elaphromantis* 1941
- Heterixalus* 1944
- Heteropelis* 1941
- Hylobatrachus* 1943
- Indirana* 1986
- Kassinula* 1940
- Lynchophrys* 1983
- Phlyctimantis* 1950 with Combaz
- Pseudophilautus* 1943
- Taphriomantis* 1941

Reptilia

Valid Genera

- Dendrolycus* 1956
- Helophis* 1942 with De Witte

Valid Species & Subspecies

101

HONORS

- Laurentophryne* Tihen 1960 (Amphibia)

Rebeca Gerschman

February 29, 2024

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

Rebeca Gerschman, Jewish Argentine biochemist (Carlos Casares, Buenos Aires Province 19 June 1903 – Buenos Aires 04 April 1986)

Developed Gerschman-Marenzi method for studying changes in blood potassium concentration under distinct physiopathological conditions

With A.D. Marenzi in *Anales Farm. Bioquim.* 3:107-11, 1932

Proposed the oxygen toxicity was due to free radicals and first introduced the notion that free radicals are toxic agents

With D.L. Gilbert, S.W. Nye, D. Dwyer & W. O. Fenn. Oxygen poisoning and x-irradiation: a mechanism in common. *Science* 119:623, 1954

With W.O. Fenn, D.L. Gilbert, D.E. Terwilliger & F.V. Cothran. Mutagenic effects of high oxygen tensions on *Escherichia coli*. *Proc. Natl. Acad. Sci. USA* 43(12):1027-32, 1957

Proposed a type of hyperbaric chamber

Medicine & Physiology Nobel Prize nominee (1980s)

Reginald Frederick Lawrence

March 6, 2024

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

Reginald Frederick Lawrence, South-African zoologist (George, Western Cape Province 06 March 1897 – Pietermaritzburg 09 October 1987)

Authored 210 papers and books studying Acari, Arachnida, Myriapoda, Onychophora and Reptilia

DESCRIBED GENERA

Arachnida (including Acari)

115

Chilopoda

Hovanyx 1960

Madageophilus 1960

Diplopoda

Microbolus 1967

Schubartina 1958

Myriapoda

Attemsodesmus 1953

HONORS

Lawrenceus Iwan 1998 (Coleoptera)

Allaurencius Verhoeff 1939 (Diplopoda)

Lawrencarus Fain 1957 (Acari)

Lawrenceocarpus Dusbabek & La Cruz 1966 (Acari)

Lawrenciola Roewer 1935 (Arachnida)

Lawrencella Strand 1932 (Arachnida)

Lawrencega Roewer 1933 (Arachnida)

Subg. *Laurentella* Audy 1956 (Acari)

Reinalda Lanfredi

March 6, 2024

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

Reinalda Marisa Lanfredi, Brazilian parasitologist and microscopist (Rio de Janeiro 02 January 1947 – Belém 15 March 2009)

First report of a rodent species parasitized with naturally occurring concurrent infections with two species of filarial worms

With A.H. de Moraes Neto. Prevalence of two species of *Litomosoides* (Nematoda: Filarioidea) parasites of *Akodon cursor* (Rodentia:Muridae) from southeastern Brazil. Rev. Braz. Biol. (1997)

With K.M. Famadas & N.M. Serra Freire. Slit cuticular structure observed by scanning electron microscopy: presence on the walking legs of *Amblyomma cajennense* (Fabricius, 1787) (Acari:Ixodidae). Mem. Inst. Oswaldo Cruz 92(1):53-5, 1997

With K.M. Famadas & N.M. Serra Freire. Perianal integument of the nymph and adult stages of *Amblyomma cajennense* (Fabricius, 1787) (Acari:Ixodidae). A new cuticular structure by scanning electron microscopy. Mem. Inst. Oswaldo Cruz 89(4):571-4, 1994

With F.R. Ferry, S.M. Farias, T. Inada e J.L.H. Faccini. Método de preparo de ácaros do gênero *Raillietia* Trouessart (1902) (Acari: Gamasidae) para estudo ao microscópio eletrônico de varredura. Pesq. Vet. Brasil 3(1):65-8, 1994

DESCRIBED HELMINTH TAXA

Genus

Gracilioxuris 2008 with Feijó, Torres & Maldonado

Species

Amphimerus bragai 1998 with Moraes Neto & Thatcher

Angiostrongylus lenzii 2009 with Souza, Simões, Thiengo, Lima, Mota, Rodrigues-Silva & Maldonado

Cuccullanus ageneiosus 2010 with Giese, Furtado & Santos

Echinostoma luisreyi 2003 with Maldonado Jr. & Vieira

Gracilioxuris agilis 2008 with Feijó, Torres & Maldonado

Litomosoides chagasfilhoi 1997 with Moraes Neto & Souza

Oswaldocruzia belenensis 2008 with Santos, Giese & Maldonado

Physaloptera herthameyeræ 2009 with Torres & Maldonado

Procamallanus (Spirocamallanus) belenensis 2009 with Giese & Santos

Trichuris travassosi 1992 with Correa Gomes, Pinto & de Souza

Trichuris trichomysi 2011 with Torres, Nascimento, Menezes, Garcia, Santos, Maldonado, Miranda & W. de Souza

HONORS

Lanfrediella Melo, Giese, Furtado, Soares, Gonçalves, Vallinoto & Santos 2011 (Trematoda)

Ren Duan Lin

March 6, 2024

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

Ren Duan Lin, Chinese ichthyologist (fl.1965-2001)

DESCRIBED VALID PISCES SPECIES

- Altigena yunnnanensis* 1977 with Wu
- Acrossocheilus beijiangensis* 1977 with Wu
- Discherodontus parvus* 1977
- Linichthys laticeps* 1986 with Zhang
- Poropuntius carinatus* 1977 with Wu
- Poropuntius exiguus* 1977 with Wu
- Poropuntius rhomboides* 1977 with Wu
- Semilabeo obscurus* 1981
- Sinocyclocheilus anatirostris* 1986 with Luo

HONORS

- Linichthys* Zhang & Fang 2005 (Pisces)

Renato Locchi

March 6, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Renato Locchi, Brazilian anatomist (Anhembi, São Paulo State 07 May 1896 – São Paulo 21 May 1978)

Son of Italian immigrants.

ACHIEVEMENTS

Achieved international projection.

Described one median salience in tongue (with Bovero).

SOME BIBLIOGRAPHY

Les ossifications tentoriales, péritrigéminales et supra-pétreuses dans le crâne humain,, 294.Thesis, São Paulo, 1925.

Vena cava superior esquerda no adulto. Annaes de Faculdade Med. São Paulo. 2: 103-128, 1927.

A artéria celiaca e suas ramificações no gen. *Bradypus*. — Arch. Mus. nacion., Rio de Janeiro, 29: 31. 41, 1927.

Situação do appendice vermiforme em relação ao ceco em diversas raças humanas. Folia clinica e biológica. São Paulo, t. I, nº8 1-2, 1929.

Sobre um caso de poliodontia no homem, Ann. Fac. Med São Paulo, 4:1-24 (1929).

Recherches d'anatomie ethnique sur le. 'musculus sternalis'. Comptes Rendus de l'Association des. Anatomistes 25, 212–216, 1930.

Sur les 'plicae palatinae transversae' chez diverses races humaines. Bulletin de l'Association des anatomistes 21, 217-221, 1930.

Observações sobre o musculus diaphragma no *Bradyps tridactylus*. Annaes Fac. Med. São Paulo 6:3-22, 1931

Quelques observations sur le “paraphrénique” nerve. Annaes Fac. Med. São Paulo 8:3-36, 1932.

Verificação experimental da inervação motora da porção cervical do musculus platysma no Tamanduá tetradactyla. Revista de Biologia e Hygiene 3:26-7, 1932.

L'innervation matrice de la portion cervicale du musculus platysma chez le *D. novemcinctus*. Rev.Biol. Hyg. 3:28, 1932.

Pesquisas de anatomia ethnica sobre os nervos phrenico e paraphrenicos. Revista de Biologia e Hygiene. São Paulo, t. III, 1932.

With M. BARROS ERHART. Le arterie della glandula mammaria in *Myocastor (Myopotamus) coypus*. Monit. Zool. Ital. (suppl). 44:308-311, 1933.

Observations sur la pars lumbalis du M.diaphragma chez le *Dasypus*. Rev. Biol. Hyg. 5:41, 1934.

Questões geraes e observações pessoaes relativas a anatomia das arterias do «corpus striatum» humano. Rev. Neurol. Psychol. 1:297, 1935.

Ensaio de morfologia dos cornetos etmoidais em Negros e Mulatos e em fetos gêmeos. Rev.-oto-laryng. S. Paulo T. 4, Nr. 5, 1936.

With A. Bovero. “Torus longitudinalis” et “Sulci longitudinales” dans la langue humaine. Rev. Biol. Hyg. 3(1): 30-32, 1932.

Pesquisas anatomo-comparativas sobre o foramen oesophagicum do diafragma em mamiferos silvestres brasileiros. Bol. Fac. Cien.Let. Univ. São Paulo Zool. 19:181, 1940.

Ricerche anatomiche sul “foramen oesophagicum” ‘ del “diaphragma” ‘ in negri e meticci (mulatti) brasiliani.-Arq. Cir. Clin. Exper., 4(1), 1940.

With J. Moretzsohn de Castro. Mecanismo de fechamento da faringe nasal na deglutição, à luz da dissecação e da cineradiografia. Revista Sudamericana de Morfologia 1(1): 44-62, 1943.

“Fossula supratoralis (var.) ” na face medial do ramo da mandíbula humana. — Rev. Brasil. Biol., Rio de Janeiro, 5 (4) :485-49R, 1945.

With L. Wertheimer. Sur la fréquence du muscle sternal. Revista de Medicina, São Paulo, 285-287, 1947.

With K. Suzuki, L.J. Di Dio & J.C. Prates. The number of muscles and the skeletal median single muscles. Arch. Ital. Anat. Embriol. 88(4); 323-9, 1983.

Situation de l'appendice vermiculaire et ses relations avec le caecum chez les diverses races humaines,, 378.

Renato Marinoni

April 7, 2024

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

Renato Contín Marinoni, Brazilian entomologist (Curitiba 26 March 1939 – Curitiba 29 June 2011)

DESCRIBED COLEOPTERA TAXA

Genera

Anasillus 1978 with Martins

Ateralphus 2001 with Restello & Iannuzzi

Eucoelosis 1995 with Iannuzzi

Exalphus 2001 with Restello & Iannuzzi

Neomymoma 1977

Neohebestola 1977

Neopachystola 1977

Piola 1974

Species

About 125

Others

Diarthodes falcipes 1964 (Crustacea)

HONORS

Marinonicoris Carvalho 1988 (Hemiptera)

Reza Mansouri

April 7, 2024

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

Reza Mansouri, Iranian physicist (Tehran 08 January 1948 –

Developed Mansouri-Sexl test theory of relativity (1977)

With S. Ghassemi & S. Khakshournia. Generalized Friedman equations for a finite thick brane. J.H.E.P. (2006)

With K. Nozari. Methods of gluing manifolds in general relativity. J. Math. Phys. 43:1519-35, 2002

With K. Nozari. A new distributional approach to signature change. Gen. Rel. Grav. 32:253-69, 2000

With F. Nasserì. A model universe with variable space dimension – its dynamics and wave-function. Phys. Rev. D 60 (1999)

With M. Khorrami & M. Mohazzab. A decrumpling model of universe. Helv. Phys. Acta 69:237, 1996

A new class of inhomogeneous cosmological solutions of Einstein's equations (1996)

An alternative relativistic-law equation of state. Acta Phys. Polonica B13:201, 1982

An exact solution to Salam's theory of gravity. Acta Phys. Austr. 36:86, 1973

Alternative two-tensor theory of gravitation (1971)

Ricardo Francisco Marseillan

April 7, 2024

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

Ricardo Francisco Marseillan, Argentine-born Brazilian physiologist (Bahía Blanca 01 April 1933 – Ribeirão Preto, São Paulo State 04 May 1981)

His major scientific contributions are the study of the effects of antibiotics on the cochlea and vestibular apparatus

With E.M. Krieger. Aortic depressor fibers in the rat: an electrophysiological study. Am. J. Physiol. 205:771-4, 1963 (paper in top journal)

DEVELOPED METHODS

Methods for studying electric activity of auditory pathway

Techniques for implant of permanent electrodes for recording evoked potentials or single neuron activities

With M. Grellet & Colafemina developed the calorie test with electron nystagmographic recording (1969)

With J.V. P. Leite. Dourado eletrolítico de eletrodos para implantação permanente (1961)

DEVELOPED EQUIPMENT

Constructed stimulators, pre-amplifiers and other types of specialized electronic equipment

Developed a solid-state signing-wave stimulator for automatic frame identification of kymograph oscilloscope photographs in A solid state sine-wave stimulator. Phys. Behav. 19(2):339-40, 1977

Constant-current isolating unit adaptable to any stimulator (1980)

BIBLIOGRAPHY

Brazilian J. Med. Biol. Res. 14:149, 1981

Ricardo Guerrero

February 29, 2024

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

Ricardo A. Guerrero López Alcantara, Venezuelan parasitologist (fl.1969)

DESCRIBED NEW TAXA

Nematoda

Genera

Bisbalia 2003 with Bain

Duretestrongylus 1982

Limonnema 1971

Monodelphoxyuris 2003 with Hugot

Pseudostrongyluris 1971

Species

Acanthostrongylus secundus 2019

Bisbalia vossi 2003 with Bain

Cruzia empera 1971

Cyrnea (Procyrnea) ramirezi 1971

Duretestrongylus ojustii 1982

Hypocristata tercera 2006 with Durette-Desset

Hystriognathus meridensis 1980

Hystriognathus popiliophagus 1980

Limonnema vali 1971

Litomosoides chitwoodi 2003 with Bain

Litomosoides solarii 2002 with Bain

Litomosoides taylori 2011 with Bain

Litomosoides wilsoni 2002 with Bain

Litomosoides yutajensis 2003 with Martin & Bain

Longistriata torrealbai 1982

Molinema algardneri 2001 with Bain

Molinema barbarae 2001 with Bain

Molinema nattereri 2001 with Bain

Molinema peruviansis 2001 with Bain

Molineus inexpectatus 2000 with Durette-Desset & Boyer

Monodelphoxyuris dollmeiri 2003 with Hugot

Ornithostrongylus volcani 2000 with Durette-Desset & Boyer

Oswaldocruzia manuensis 2013

Oswaldocruzia urubambaensis 2013

Oswaldocruzia venezuelensis 1996 with Ben Slimane & Durette-Desset

Oxyspirura apapillata 1971

Oxyspirura diazungriai 1969

Oxyspirura guriensis 1969

Parastrongyloides neotropialis 2016

Pseudostrongyluris polychrus 1971

Sciurodendrium gardneri 1994

Squamofilaria ungriai 1971

Spirocamallanus johnsoni 1971

Triumphalisnema acaudata 1980

Trypanoxyuris croizati 1994 with Hugot & Morand

Urbanonema reyesi 1980

Vexillata scorzai 1982

Vexillata tejera 1982

Viannaia barusi 1985

Viannaia bisbali 1985

Viannaia gabaldoni 1985

Viannaia guyanensis 1985

Viannaia minispicula 1985

Viannaia reigi 1985

Viannaia tenorai 1985

Viannaia venezuelensis 1985

Subspecies

Mansonella (Tetrapetalonema) atelensis amazonae 2015 with Bain

Acari

Genus

Paralawrenceocarpus 1992

Species

Lawrenceocarpus delacruz 1993

Lawrenceocarpus faini 1993

Lawrenceocarpus fudeci 1993

Lawrenceocarpus machadoallisoni 1993

Lawrenceocarpus ojasii 1993

Lawrenceocarpus terramaris 1993

Microtrombicula ecuadorensis 2018 with Yañez-Muñoz

Parichoronyssus bakeri 2007 with Morales

Radfordiella urdanetai 2006

Vercammenia neotropica 2018 with Yañez-Muñoz

Diptera

Species

Basilia manu 1996

Trichobius anducei 1998

Trichobius hoffmannae 1996 with Morales

Trichobius machadoallisoni 1998

Xenotrichobius linaresi 1998

Subspecies

Trichobius dugessii phyllostomus 1998

Coleoptera

Species

Amblyopinodes amazonicus 1996

HONORS

Guerrerostrongylus Sutton & Durette-Desset 1991 (Nematoda)

LINKS

<http://izt.ciens.ucv.ve/izet/wp-content/uploads/2013/11/PUBLICACIONES-RICARDO-GUERRERO.pdf> See <http://izt.ciens.ucv.ve/izet/wp-content/uploads/2013/11/PUBLICACIONES-RICARDO-GUERRERO.pdf>.

Ricardo Krone

March 2, 2024

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

Sigismund Ernst Richard Krone, German-born Brazilian naturalist and archeologist (Dresden 18 June 1861 – Iguape, São Paulo State 09 September 1917)

Expert on caves paleontology and archeology

Discovered 17 new fish species described by Miranda Ribeiro beyond new mollusks and fossil species

SOME BIBLIOGRAPHY

As grutas calcareas de Iporanga. Rev. Mus. Paulista 3:477-500, 1898

As grutas calcáreas do vale do rio Ribeira de Iguape. Rev. Cent. Cien. Let. Artes Campinas (1905)

Estudo sobre as cavernas do Valle do Rio Ribeira. Arch. Museu Nacional 15:139-66, 1909

Notas de Pré-História Paulista. O cemitério de Pombeva. Rev. Mus. S. Paulo 10, 1918

HONORS

Kronichthys Miranda Ribeiro 1908 (Pisces)

Ricardo Lantican

March 6, 2024

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

Ricardo Manzo Lantican, Philippine plant breeder (Los Baños, Laguna 08 January 1933 –

Developed more than 20 pest-resistant and high yielding-varieties of mungbean, soybean and peanut through plant breeding

First in the world to study cytoplasmic inheritance of hypersensitivity to the leaf blight disease in maize

LINKS

http://en.wikipilipinas.org/index.php/Ricardo_M._Lantican

Ricardo Magnus Osorio Galvao

February 29, 2024

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

Ricardo Magnus Osório Galvão, Brazilian physicist (Itajubá, Minas Gerais State 21 December 1947 –

Polarization equation for a high-frequency EM wave propagating through a cold plasma. IEEE Trans. Plasm. Science 2(4):211-4, 1975

Co-demonstrated resonant absorption of Alfvén waves (1977)

Co-authored a work about resistive instabilities in plasmas that became a reference in this field

With B. Coppi, R. Pellat, M.N. Rosenbluth & P.H. Rutherford. Resistive internal kink modes. Sovietic J. Plasma Phys. 2:533, 1976

Showed a resistive mode with azimuthal mode number m equals 1 in reversed-field confinement configurations without shear

With M.A.M. Santiago. Resistive instabilities in reversed-field confinement configurations without shear (1981)

Showed a new resistive mode in rotating plasma columns

Resistive mode in rotating plasma column including the Hall current. Physica BTC 122(2), 1983

Obtained general expressions for time and surface averaged radio frequency forces, affecting ions in closed toroidal devices

With V.S. Tsypin, I.C. Nascimento, A. Elfimov, M. Tendler, C.A. de Azevedo & A. de Assis. Alfvén and fast wave forces, affecting ions in magnetic traps with closed magnetic surfaces. Physics of Plasmas 6(4):1378-81, 1999

Presented a new type of radio-frequency current drive in tokamaks

With V.S. Tsypin, I.C. Nascimento & Y.K. Kuznetsov. On a bootstrap-like mechanism of radio frequency wave current drive in tokamaks (2000)

With A. Fonseca, R.P. da Silva, Y. Kuznetsov, I.C. Nascimento & N. Cuevas. A model for plasma discharges simulation in Tokamak devices (2001)

With Y.K. Kuznetsov, I.C. Nascimento, E. Sanada, D.O. Campos, A. Vannucci et al. New regime of runaway of discharges in tokamaks. Plasma Physics and Controlled 43(9):1181, 2001

Described an accurate and simple technique for plasma boundary determination in a tokamak from external magnetic measurements

With Y.K. Kuznetsov, I.C. Nascimento & I.V. Yasin. Plasma boundary determination in ITER by the optimized current filament method (2002)

Presented a new model of relaxation oscillations in runaway tokamak discharges

With A. Elfimov. Whistler instability driven by relativistic electron tail in tokamaks (2003)

Predicted the existence of novel confinement configurations in magnetized plasmas and coined diaceleric structures

With F.E.M. da Silva. Diaceleric structures in magnetized plasmas (2004)

Showed the possibility of a new type of zonal-flow instability

With A.B. Mikhailovskii, A. Smolyakov, V.S. Tsypin, E.A. Kovalisher & M. Shirokov. Neoclassical generation of toroidal zonal flow by drift wave turbulence. Physics of Plasmas 13(3), 2006

Presented a simple helical magnetohydrodynamic equilibrium with flow in which the vorticity is proportional to the current density

With F.E.M. da Silva. A possible model for snakes (2007)

Demonstrated a new electron inertia regime

With A.B. Mikhailovskii, J.G. Lominadze, A.P. Churikov, V.D. Pustovitov, N.S. Erokhin & V.S. Tsypin. High-frequency extensions of magnetorotational instability in astrophysical plasmas. Plasma Phys. Reports 34(8):678-87, 2008

Proposed Global Alfvén wave excitation as a mechanism to explain plasma heating in the magnetosphere of young stars

With A. Elfimov, V. Jatenco-Pereira & R. Opher. Global Alfvén wave heating of the magnetosphere of young stars. Astrophys. J. 600 (1):292, 2008

Published a new method for determining the temporal evolution of plasma rotation

With J.H.F. Severo, I.C. Nascimento, Y.K. Kuznetsov, Z.O. Guimarães Filho, M. Tendler et al. Temporal behavior of toroidal rotation velocity in the TCABR tokamak. Nuclear Fusion 49(11), 2009

Performed first simultaneous measurements of the Thomson scattering and electron cyclotron emission radiometer diagnostics performed at a tokamak with Alfvén wave heating.

With M.P. Alonso, A.C.A. Figueiredo, F.O. Borges, J.I. Elizondo et al. Comparative electron temperature measurements of Thomson scattering and electron cyclotron emission diagnostics in TCABR plasmas. Rev. Sci. Instrum. 81(10), 2010

Published a new theoretical approach to microwave reflectometry in tokamaks

With J. Tito Mendonça & C.H.S. Amador. A full wave theory of O-mode reflectometry with an intermediate level of turbulence (2013)

SYSTEMS/DEVICES

With L.F. Rucko, E. Ozono, I.C. Nascimento, F.T. Degasperis & E. Lerche. Advanced antenna system for Alfvén wave plasma heating and current drive in TCABR Tokamak. Fusion Engin. Design 43(1):15-28, 1998

With J.A.S. da Matta, L.F. Rucko, M.C.A. Fantini & P.K. Kiyohara. Description and characterization of a ECR plasma device developed for thin film deposition. Braz. J. Physics 33(1), 2003

With L.C. Mostaco-Guidolin, A.B. Frigori & L.F. Rucko. SCTE: an open-source PERL framework for testing equipment control and data acquisition. Computer Physics Comm. 183(7), 2009

With G. Canal, L.F. Rucko & H.O. Luna. Design and characterization of an plasma RF plasma cleaner. Braz. J. Physics 40(1):108-14, 2010

With P.P. Woskov, J. Stillerman, M. Porkolab, A. Fasoli, D. Testa et al. New digital control system for the JET Alfvén eigenmode active spectroscopic diagnostic (2012)

With J.M.B. Pereira, R. Caetano & G. Cernicchiaro. Development of a SCADA system for a free Electron Laser operation. Notas técnicas 5(3):1-9, 2015

Ricardo Maldonado

April 7, 2024

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

Ricardo Maldonado C., Chilean histologist

Developed with Herminia San Jose Lobo, the Maldonado-San Jose stain

A phloxine azure hematoxylin sequence for differential staining of cells in pancreatic islets. *Biotechnic & Histochemistry* 42(1):11-13, 1967.

SOME BIBLIOGRAPHY

With H. San Jose, C. Martinoya & B. Gunther. Cell size and body weight in some homeotherms and poikilotherms. *Acta Physiol. Lat. Am.* 24:328-35, 1974

Estudio macroscopico, microscopico y histoquimico de *Concholepas concholepas*. *Rev. Biol. Mar.* 12(1-3):121-7, 1965

With F. Loebel S., Estudios histoquimicos sobre la sustancia de Nissl (1958)

Ricardo Mañé Ramírez

April 7, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Ricardo Mañé Ramírez, Uruguayan / Brazilian mathematician (Montevideo 14 January 1948 –Montevideo 09 March 1995)

World leader on dynamical systems

Authored 51 works with 1,333 citations

His book Introdução de teoria ergódica (Ergodic theory and differentiable dynamics) was translated into English language (1987)

Showed that normal hiperbolicity is required for persistence of invariant manifolds (1974)

Defined quasi-Anosov diffeomorphisms

Proved that the interior in the C^1 topology of the set of expansive diffeomorphisms is the set of quasi-Anosov diffeomorphisms (1975)

Proved that a compact metric space exhibiting expansive homeomorphisms must be finite dimensional and every minimal set of such homeomorphisms is zero dimensional (1979)

INTRODUCED

With Paulo Sad & Sullivan the concept of holomorphic motion of a closed planar set (1983)

Notion of critical value independently from other authors

Notion of generic Lagrangian function

Concept of ergodic closing lemma

Proved the stability conjecture for C^1 class diffeomorphisms (1988)

EPONYMY

Mañé theorem

Mañé-Mather set

Bochi-Mañé theorem

Holder-Mañé theorem

Mañé potential

Mañé supercritical hypersurfaces

Mañé conjecture

Araujo-Mañé theorem

Takens-Mañé theorem

Mañé ergodic closing lemma

Mañé-Sad-Sullivan theorem

Mañé-Conze-Guivarc'h lemma

Mañé critical values

Aubry-Mañé sets

Mañé hyperbolicity theorem

Mañé projection

Mañé-Lyubich measure

Bowen-Mañé phenomenon

Mañé genericity theorem

HONOURS

Two-time invited lecturer at International Congress of Mathematicians (1983 & 1994)

Ricardo Miledi

April 7, 2024

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

Ricardo Miledi y Dau, Mexican neurobiologist (Ciudad de Mexico 15 September 1927 – Irvine, California State 18 December 2017)

Authored over 500 publications

ACHIEVEMENTS

Performed classical studies and discoveries about mechanisms of synaptic and neuromuscular transmission

With B. Katz established that ion channels when acetylcholine stimulated let a current flow cells inward (1967-70)

With B. Katz showed the existence of ion channels in neuromuscular synapses

With B. Katz discovered that calcium ion influx in pre-synaptic terminal is required to produce neurotransmitter release (1965)

With B. Katz reported the first estimate of the conductance of a synaptic channel (1970)

With B. Katz introduced statistical analysis of transmitter induced voltage fluctuations (1972)

Described the Katz-Miledi technique for measurement of synaptic delay at neuromuscular junction (1965)

Discovered the plasticity of neurotransmitter receptors in the nervous system and how motor nerves control the chemical sensitivity of receptors at neuromuscular junctions

Introduced the concept of extra synaptic receptors

Introduced the concept of neuromodulation of synapse activity by endogenous agents (1960)

Gave the first evidence of spillover of the neurotransmitter

Discovered a new type of neurotransmitters receptor that play a role in inhibit neurons behavior

Introduced technique of studying brain employing toad oocytes as model of neuron worldwide used

First electrophysiological recording of frog oocyte

Established heterologous expression of neurotransmitter receptors in oocytes

Developed microtransplantation of native receptors

Showed the molecular mechanisms of supersensitivity and extrasynaptic receptors (1959-60)

Demonstrated GABA r receptors

First to purify nicotinic acetylcholine receptor

MEMBERSHIP/PRIZES

Member, Royal Society of London (1970)

Member, National Academy of Sciences (1989)

Honorary Member, Hungarian Academy of Sciences

Luigi Galvani Prize (1987)

International King Faisal Prize for Sciences (1987)

Richard Martin Gans

February 29, 2024

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

Richard Martin Gans, German-born Jewish Argentine physicist (Frankfurt am Main 07 March 1880 – City Bell, near La Plata 27 June 1954)

Authored over 200 works

Introduced the concept of residual permeability

Proposed the law of reversible permeability

Presented the first treatment of quantitative significance of elastic tension upon magnetization

Performed theoretical and experimental studies about radiation absorption in solutions and determined the size of scattered particles in solutions that earned him international fame

Developed an experimental method for hysteresis losses

With R.G. Loyarte. Über drehende hysteresis. Arch. F. Elektr. 3(6):139-50, 1915

With R. G. Loyarte gave the first qualitative theoretical explanation about ferromagnetic resonance absorption in Ann. Physik 64(4):209, 1921

Developed a special ultrafiltration method with collodium/acetic acid filter

Demonstrated the depolarization degree constant of colloidal particles

Deduced the formula relating depolarization degree and Kerr constant for colloidal particles

Gave a simple deduction of eikonal theory

With A. Pereyra Miguez proposed a thermodynamical integrator

EPONYMY

Rayleigh-Gans-Debye scattering

Gans formula or equation

Gans-Mrowka procedure for calculating directly the perturbation function

LINKS

<http://inmabb.criba.edu.ar/revuma/pdf/v14n3/p100-108.pdf> See <http://inmabb.criba.edu.ar/revuma/pdf/v14n3/p100-108.pdf>.

Richard Neil Kilburn

March 2, 2024

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

Richard Neil Kilburn, South African malacologist (Port Elizabeth 07 January 1942 – Pietermaritzburg, KwaZulu Natal Province 26 July 2013)

DESCRIBED MOLLUSCA TAXA

Genera/Subgenera

Acinodrillia 1988

Benthoclionella 1974

Calactodrillia 1988

Caliendrula 1985

Cinysca 1970

Citharomangelia 1992

Dendrofissurella 1986 with McLean

Entomoliva 1991 with Bouchet

Fukama 1998

Funa 1988

Gingicithara 1992

Hesperancilla 1981

Inkinga 1988

Javancilla 1981

Librariscala 1985

Magdalemitra 1974

Medusafissurella 1986 with McLean

Naudedrillia 1988

Naudoliva 1989

Nquma 1988

Orrmaesia 1988

Papillocithara 1988

Psittacodrillia 1988

Rutelliscala 1985

Scissileda 1994

Striatoguraleus 1994

Tropidoturris 1986

Species/Subspecies

361

HONORS

Kilburnia Snyder, Vermeij & Lyons 2012 (Mollusca)

LINKS

<https://bioone.org/journals/African-Invertebrates/volume-54/issue-2/afin.054.0217/Richard-Dick-Neil-Kilburn-19422013--Bibliography-and-Listings-of/10.5733/afin.054.0217.full> See <https://bioone.org/journals/African-Invertebrates/volume-54/issue-2/afin.054.0217/Richard-Dick-Neil-Kilburn-19422013--Bibliography-and-Listings-of/10.5733/afin.054.0217.full>.

Richard Samuel Lal Mohan

March 6, 2024

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

Richard Samuel Lal Mohan, Indian marine zoologist (1937 –

DESCRIBED VALID PISCES TAXA

Genera

Kathala 1969

Macrospinosa 1969

Panna 1969

Species

Acroteriobatus variegatus 1973 with Nair

Helcogramma shinglensis 1971

Johnius elongatus 1976

Johnius macrorhynus 1976

Johnius mannarensis 1971

OTHERS

Species

Macrobrachium kulsiense 2007 with Jayachandran & Raji

HONORS

Lalmohania Hutchins 1994 (Pisces)

Rigoberto Iglesias

February 29, 2024

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

Rigoberto Iglesias Bastias, Chilean oncologist and endocrinologist (Lebu 22 November 1911– Santiago 14 August 1981)

Authored about 90 works

Discovered a functional ovarian tumor

With his wife Socorro Salinas co-discovered a suprarenal tumor

SOME BIBLIOGRAPHY

With E. Herrera & B. Bonet. Metabolic response to starvation in the hypothyroid pregnant rat. *Biochem. Soc. Trans.* 89(5):538–9, 1980

Newer concepts in pathogenesis. Secondary endocrine and mammary malignancies as main signs of hormonal syndromes produced by endocrine tumors. *Ann. N.Y. Acad. Sci.* 230:500–7, 1974

With A. Lipschutz, V.I. Panasevich & S. Salinas. Pathological changes induced in the uterus of mice with the prolonged administration of progesterone and 19-nor-contraceptives. *Br. J. Cancer* 21(1):160–5, 1967

With A. Lipschutz, V.I. Panasevich & S. Salinas. Ovarian tumours and other ovarian changes induced in mice by two 19-nor-contraceptives. *Br. J. Cancer* 21(1):153–9, 1967

With A. Lipschutz, V.I. Panasevich & S. Salinas. Granulosa-cell tumours induced in mice by progesterone. *Br. J. Cancer* 21(1):144–52, 1967

With A. Lipschutz & S. Salinas. Further studies on the recovery of fertility in mice after protracted steroid-induced sterility. *J. Reprod. Fertil.* 6:99–113, 1963

With R. Cruz Coke. Association of t-allele with renal pathological phenotypes. *Rev. Med. Chile* 91:829–33, 1963

With A. Lipschutz & S. Salinas. Ovarian tumours induced by a sterilizing steroid. *Nature* 196:946–8, 1962

With S. Gerard & A. Lipschutz. Antifibromatogenic, antiluteinizing and antiovarulatory actions of some 19-norsteroids. *Experimental studies. Sem. Med.* 120:930–3, 1962

With A. Lipschutz. Recovery of fertility after protracted steroid-induced sterility in mice. *Nature* 190:174–5, 1961

With A. Lipschutz, G. Rojas & H. Cerisola. Evolutional phases of the intrasplenic ovarian tumour in mice Balb A. *Acta Union Int. Contra Cancrum* 16:206–10, 1960

With A. Lipschutz, E. Mardones & S. Bruzzone. Dependency on the hypophysis of tumoral growth in AxC rats. *Acta Union Int. Contra Cancrum* 16:203–5, 1960

Paradoxical actions of steroids on three transplantable ovarian and testicular tumours of the AxC rat. *Acta Union Int. Contra Cancrum* 16:189–92, 1960

With A. Lipschutz, G. Rojas & H. Cerisola. Spontaneous tumourigenesis in aged guinea-pigs. *Brit. J. Cancer* 13:486–96, 1959

With E. Mardones. Influence of hormones on the growth of a transplantable suprarenal tumour. *Brit. J. Cancer* 12(1):28–31, 1958

With E. Mardones. Spontaneous and transplantable functional tumor of the adrenal cortex in the AxC rat. *Brit. J. Cancer* 12(1):20–7, 1958

Antitumorigenic and tumor-stimulating actions of steroid hormones. *Cancer* 10(4):734–7, 1957

With E. Mardones & A. Lipschutz. The antiluteinizing potency of five derivatives of progesterone. *Endocrinology* 58(2):212–9, 1956

With E. Mardones. Twenty generations of a spontaneous, transplantable, functional granulosa-cell tumor in the rat, 1949 to 1955. *Cancer* 9(4):740–8, 1956

With E. Mardones & A. Lipschutz. Granulosa cell tumours in intrasplenic ovarian grafts, with intrahepatic metastases, in guinea pigs at 5 years after grafting. *Brit. J. Cancer* 9(3):409–17, 1955

With E. Mardones & A. Lipschutz. The hormonal background of ovarian experimental tumourigenesis in the guinea pig. *Brit. J. Cancer* 7(2):221–30, 1953

With E. Mardones & A. Lipschutz. Evolution of luteoma in intrasplenic ovarian grafts in the guinea pig. *Brit. J. Cancer* 7(2):214–20, 1953

With W.H. Sternberg & A. Segaloff. A transplantable functional ovarian tumor occurring spontaneously in a rat. *Cancer Res.* 10(11):668–73, 1950

With E. Mardones. The influence of the gonads and of certain steroid hormones on the growth of the spontaneous and transplantable ovarian tumor in AxC rats.

Rita Kloss

March 2, 2024

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

Gertrud Rita Kloss, Brazilian helminthologist (Rio de Janeiro 29 April 1929 –

DESCRIBED NEW TAXA

Families (Nematoda)

- Chitwoodiellidae 1960
- Hystriognathidae 1958 with Travassos
- Ichthyocephalidae 1958 with Travassos
- Robertidae 1960

Genera

Nematoda

- Aglaopterixia* 1961
- Aoruroides* 1958 with Travassos
- Boraceianema* 1958 with Travassos
- Buzionema* 1966
- Carlosia* 1957 with Travassos
- Christiella* 1957 with Travassos
- Cranifera* 1960
- Glaber* 1958 with Travassos
- Longior* 1958 with Travassos
- Mentecle* 1958 with Travassos
- Papillabrum* 1962
- Paraichthycephalus* 1958 with Travassos
- Paraxyo* 1958 with Travassos
- Raonema* 1966
- Salesia* 1958 with Travassos
- Schubartnema* 1959
- Schwenckiana* 1966
- Soaresnema* 1958 with Travassos
- Triumphalishnema* 1962
- Urbanonema* 1958 with Travassos
- Urucuia* 1961
- Ventelia* 1958 with Travassos
- Vulcanonema* 1958 with Travassos

Cestoda

- Itaguaiana* 1959
- Napolitana* 1959
- Ruizia* 1959 with Travassos

Trematoda

- Magnivitellinum* 1966
- Pseudoprostenhystera* 1966

HONORS (Nematoda)

- Klossnema* Cordeiro & Artigas 1986
- Klossinemella* Gonçalves da Costa 1961
- Traklosia* Bernard & Phillips 2015

Robert Thorburn Ayton Innes

February 29, 2024

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

Robert Thorburn Ayton Innes, Scottish-born South African astronomer (Edinburgh 10 November 1861 – Surbiton, Surrey, England 13 March 1933)

ACHIEVEMENTS

Discovered 1628 binary stars, between them Proxima Centauri in 1915

Discovered Innes star

Presented the first convincing demonstration of the irregular rotation of the Earth (1918)

Introduced Thiele-Innes constants, orbital parameters for double stars

HONORS

Innes lunar crater

Asteroid 1658 Innes

See [HTTP://assa.sao.ac.za/html/his-astr-innes_rta.html](http://assa.sao.ac.za/html/his-astr-innes_rta.html) See http://assa.sao.ac.za/html/his-astr-innes_rta.html.

Roberto Erwin Halbinger

February 29, 2024

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

Roberto Erwin Halbinger La Rocca, Argentine food microbiologist (Banfield, Buenos Aires Province 02 October 1924 – 20 September 1996)

Performed studies on agricultural and industrial microbiology

Authored over 60 papers and books

SOME BIBLIOGRAPHY

With M.S. Vidal. Microbiología de los alimentos conservados por el frio (1992)

With G.M. Frontera, O.S. Correa & F.E. Gauna. Inoculación artificial de hongos micorrizicos de los géneros *Boletus* y *Scleroderma* de especies de plantas del género *Eucaliptus*. Rev. Agric. Micol. 9:3-9, 1986

With E. Jocher. Microbiología del ketchup (catchup). Alim. Latinoam. 17(42):28-9, 1983

With M.B. Tami. Incidence of technical compounds in the amyl process. Alim. Latinoam. 16(137):6-13, 1982

With M.A. Monzón de Asconegui. Técnica de aislamiento de esporos de micorrizas endotrofas. Rev. Arg. Micol. 4(1):19-23, 1981

Inoculación de um hongo ectomicorrítico en *Raphanus sativus* (1980)

With J. Mussini, F.C. Gonzalez & R. Weille. Control microbiológico de cremas de consumo (1979)

With F.C. Gonzalez, C. de Marión & J.C. Mussini. Fishing seawater microbiology of the Mar del Plata. Rev. Asoc. Arg. Microbiol. 7(2):44-8, 1975

Clostridium botulinum in fishery products in Microbial Safety of Fishery Products by C.O. Chichester & H.D. Graham (1973)

Microbiología de la industria de los alimentos. Ciencia y Tecnol. 26(7):306-12, 1970

With M.J. Asunción. Interpretación edafológica sobre la capacidad de nodulación de *Lotus corniculatus*. Cien. Invest. 24(4):177-8, 1968

Microbiología industrial de la pesca. Ciencia y Tecnol. 23(1):28-32, 1967

Aislamiento, cultivo y multiplicación de hongos micorríticos inoculantes forestales (1966)

The microbiological utilization of atmospheric nitrogen. Ann. Inst. Pasteur 109(3): Suppl. 161-6, 1965

Inoculación de leguminosas en médanos de la costa atlántica. IDIA Suppl. 15:79-82, 1965

Aplicación del método del micelio submergido al cultivo de hongos comestibles. Rev. Agr. Agron. 21(3):162, 1954

Ensayo de adaptación de levaduras en condiciones extremas (1953)

Selección y ensayo de adaptación de levaduras. Rev. Arg. Agron. 20(3):130-40, 1953

Clarificación de jugos de frutas por diastasas microbianas

Determinación de los agentes maduradores del queso de nasta blada (tipo quartirollo)

Roberto Eusebio Mancini

April 7, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Roberto Eusebio Mancini Doria, Argentine morphologist (Buenos Aires 26 September 1914 – 03 February 1977)

Son of Italian immigrants

Internationally recognized as one of world's foremost experts on histophysiology of human testis

Performed studies about testes functions, connective tissue in human and animals and use of fluorescent substances

Characterized cytological, embryological and histochemically the child human testis

With R. Narvaiz & J.C. Lavieri. Origin and development of the germinative epithelium and Sertoli cells in the human testis. Cytological, cytochemical and quantitative study. Anat. Rec. 136:477-89, 1960

With O. Vilar, I.E. Lavieri, I.A. Andrade & I.I. Heinrich. Development of Leydig cells in the normal human testis. Am. J. Anat. 112:203-14, 1963

Characterized the cytology of cryptorchid testis

With E. Rosemberg, M. Cullen, J.C. Lavieri, O. Vilar, C. Bergada & J.A. Andrada. Cryptorchid and scrotal human testis. I. Cytological, cytochemical and quantitative studies. Clin. Endocr. 25:911, 1965

Introduced protein fluorescent labeling for localization and flow

With O. Vilar, J.M. Dellacha et al. Extravascular localization of fluorescent albumin, globulin and fibrinogen in connective tissue structures. J. Histochem. Cytochem. (1962)

Proposed the role of connective tissue as a transient depot for the extravascular pool of serum proteins

With L. Lustig & B. Denduchis authored the first report on the chemical properties of the basement membrane of the seminiferous tubular wall (1975) and demonstrated a partial immunological identity among basement membranes of distinct species (1977)

With Carlos Yantorno introduced immunology into reproduction studies (1977)

METHODS/TECHNIQUES

With E. Sacerdote de Lustig introduced modifications to techniques for measuring the presence of glycogen in embryonary tissues (1941-2)

Nueva reacción del yodo para la investigación del glucogenio en tejidos. Soc. Anat. Norm. Patol. 6:628, 1946

With R. Celani Barry. Nuevo metodo para investigar glucogenio em células de frottis. Rev. Soc. Arg. Biol. 28:6, 1942

With M.A. Etcheverry. A new reaction for polysaccharides. J. Nat. Cancer Inst. (1952)

Villamil-Mancini method for c cytochrome oxidase

SOME BIBLIOGRAPHY

With I.C. Calamera, M.C. Morgenfeld & O. Vilar. Biochemical changes of the human serum produced by chlorambricil, testosterone propionate and human chorionic gonadotropin administration. Andrologia 11:43-50, 1979

With A.B. Mazzolli, O.D. Bustuoabad & C. Barrera. A new model for antisperm autoimmunity in guinea pigs. Int. J. Fertil. 21:49-54, 1976

With L. Lustig, B. Denduchis & N. Gonzalez. Immuno-histochemical study of rat seminiferous tubule wall structures. Int. J. Fertil. (1976)

Immunologic aspects of testicular function (1976)

With L. Martini. Male fertility and sterility (1974)

With B. Denduchis & N. Gonzalez. Concentration of hydroxyproline in testes of hypophysectomized patients before and after treatment with gonadotropins and testosterone. J. Reprod. Fertil. 31:111-4, 1972

With O. Vilar, P. Donini & A. Perez Lloret. Effect of human urinary FSH and LH on the recovery of spermatogenesis in hypophysectomized patients. J. Clin. Endocrin. 33:388-91, 1971

With B. Denduchis & N. Gonzalez. Collagen content of testis from hypophysectomized patients before and after treatment with gonadotropins. Acta Europ. Fertil. (1970)

With A.B. Castro & A.C. Seiguer. Electron microscopy study of the localization of labeled gonadotropins in the Sertoli and Leydig cells of the rat testis. Proc. Soc. Exp. Biol. Med. 133:582, 1970

Effect of different types of gonadotropins on the induction and restoration of spermatogenesis in the human testis. Acta Europ. Fertil. 1:401-29, 1969

With A.C. Seiguer & A.P. Lloret. Effect of gonadotropins on the recovery of spermatogenesis in hypophysectomized patients. Clin. Endocr. Metab. 29:467-78, 1969

With L. Lustig & H. Costantini. Serological and immunofluorescence study of soluble collagen in tissue culture of fibroblasts (1969)

Testiculo humano (1968)

With A. Castro & A.C. Seiguer. Histologic localization of follicle-stimulating and luteinizing hormones in the rat testis. J. Histochem. Cytochem. 15:516-25, 1967

With J.C. Lavieri, F. Muller, J.A. Andrada & D.J. Saraceni. Effect of prednisolone upon normal and pathologic human spermatogenesis. Fertil Steril. 17:500-13, 1966

With J.A. Andrada, C. Saraceni, A.E. Bachmann, J.C. Lavieri & M. Nemirovsky. Immunological and testicular response in men sensitized with human testicular homogenate. J. Clin. Endocr. Metabol. 25, 1965

With J. Alonso, J. Barquet, B. Alvarez & M. Nemirovsky. Histoimmunological localization of hyaluronidase in bull testis. J. Reprod. Fertil. 8:325-30, 1964

With O.V. Davidson, O. Vilar, M. Nemirovsky & D.C. Bueno. Acrosomalantigenicity in rat testes. Fertil. Steril. 15:695-700, 1964

With O. Vilar, J.J. Hendrich, O.W. Davidson & B. Alvarez. Transference of circulating labeled serum proteins to the follicle of the rat ovary. J. Histochem. Cytochem. 11:80-8, 1963

With O. Vilar & M.I. Perez del Cerro. The Sertoli cells as a "bridge cell" between the basal membrane and the germinal cells. Histochemical and electron microscope observations. Exp. Cell Res. 237:158-61, 1962

With F.A. de la Balze, F. Arrillaga, M. Janches, O.W. Davidson & A.I. Gurtman. Male hypogonadism in hypothyroidism: a study of six cases. J. Clin. Endocrin. Metab. 22:212-22, 1962

With R. Narbaitz & J.C. Lavieri. A histological and histochemical study of ten post-natal development of germinal epithelium and Sertoli cells. Anat. Rec. 133:410, 1959

With M.F. Villamil. Tejido conectivo y enfermedades del colágeno (1959)

With D. Brandes. L'incorporation du soufre radioactif ^{35}S par les mucopolysaccharides de la crete du coq. C.R. Soc. Biol. Paris 150:2020-1, 1956

With F.A. de la Balze, G.E. Bur & J. Irazu. Morphological and histochemical changes produced by estrogens on adult human testes. Fertil. Steril. 5:421-36, 1954

With J. Nolasco & F.A. de la Balze. Histochemical study of normal adult testes. Anat. Record 114:127, 1952

With M.H. Burgos. Mucopolisacridios en la espermatogenesis del sapo. Rev. Soc. Arg. Biol. 24:318-27, 1948

Histochemical study of glycogen in tissues (1947)

With C. Bergada. Effect of gonadotropins on the induction of spermatogenesis in human prepubertal testis

Roberto Gonzalez Tamayo

February 29, 2024

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

Jorge Roberto Gonzalez Tamayo, Mexican orchidologist (Ciudad de Mexico 13 November 1940 – Ciudad de Mexico 20 January 2014)

DESCRIBED NEW ORCHIDACEAE TAXA

Genera

Coenoemersa 2010 with Lizbeth Hernandez

Cutsis 1982 with Burns-Balogh & Greenwood

Diskypogone 1996 with Szlachetko

Gracielanthus 1995 with Szlachetko

Hagsatera 1974

Nezahualcoyotlia 1996

Ochyrella 1996 with Szlachetko

Zhukawsia 2000 with Szlachetko & Rutkowski

Species

About 110

HONORS

Tamayorkis Szlachetko 1995 (Orchidaceae)

Roberto Hernán Gonzalez

February 29, 2024

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

Roberto Hernán Gonzalez Rodríguez, Chilean agricultural entomologist (1933 –

DESCRIBED GENERA

Hemiptera (with Miller in 1976)

Chilecoccus

Exallococcus

Icelococcus

Stibococcus

Acari

Chileseius 1962 with Schuster

Mesoseiulus 1962 with Schuster

Paraponychus 1977 with Flechtmann

Summersiella 1967

HONORS

Gonzalezinus Carvalho 1981 (Hemiptera)

Gonzalezodoria Cortes 1967 (Diptera)

Roberto Herzenberg

February 29, 2024

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

Roberto Herzenberg, Jewish German mineralogist and chemist in Bolivia and Chile (Libau, Courland, Latvia 19 September 1885 – Santiago de Chile 24 October 1955)

DESCRIBED MINERAL SPECIES

Ahlfeldite (1944) valid

Blockite (1935) with Ahlfeld (most known as penroseite described in 1937 by Bannister & Hey)

Brunckite 1938 (invalid)

Gumucionite 1933 (a mineral variety)

Hochschildite 1942 (status uncertain)

Kolbeckine 1932 (redescribed by Ramdohr in his honor as herzenbergite 1935)

Montesite 1949 (status uncertain)

Rooseveltite 1946 (valid)

Souxite 1946 (described before varlamoffite of 1947)

Roberto Hottinger

February 29, 2024

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

Roberto Hottinger, Swiss-born Brazilian veterinarian, microbiologist and chemist (Zurich 20 February 1875 – São Paulo 29 January 1942)

Authored over 50 works

Discovered the oligodynamic action of silver in water sterilization (1920)

With G.H. Paula Souza developed a new purification process consisting of colloidal silver coating insides of ceramic vessels

With Paula Souza described a device that allowed the elimination of ozone excess from water, which was modified and used to eliminate chlorine, giving rise to Perfector process (1912). It was patented in Germany some time later

Established Perfector process for deozonization and dechlorination of water (1912)

Discovered a practical way of using oligodynamic action of metals that resulted in Salus process (Swiss-German G.A. Krause re-discovered the process (Katadyn) in 1929 and was left with the glories of invention)

With Antonio Nogueira developed a new domestic water purification process employing colloidal silver known as Salus process

Eponym of Hottinger agar and Hottinger broth

Nachprüfung und kritik der üblichen Bouillonbereitung. Zb. Bakt. Abt. Orig. 67:178-206, 1912

Proposed a method for determining NaOH or KOH in titrated liquids

With T. de Camargo. Determinação da soda ou potassa nos líquidos titulados. Rev. Soc. Cient. S. Paulo 2(9-10):129-32, 1907

Developed gelatinometer (for determining quantitatively the changes in gelatin under varying conditions at a fixed temperature) and made the first quantitative determinations of this phenomenon

Preparo e emprego da gelatina na bacteriologia. An. Esc. Polit. para o ano de 1909 p.247-57

Presented a cold extraction method and showed the possibility of using residues from these extractions

With G.H. Paula Souza. Preparo de caldo como meio de cultura An. Esc. Polit. para o ano de 1909 p.263-7

Proposed a new method for determining melting and congelation points of fats

Determinação do ponto de fusão e de coagulação de gorduras. An. Esc. Polit. para o ano de 1911 p.126-30

Suggested many modifications in Berthelot-Mahler calorimeter

Notas calorimétricas. An. Esc. Polit. para o ano de 1912 p.35-101

Improved Fresenius-Offenbach distilling apparatus

Verificação de um aparelho novo para a destilação de amônio para dosagem de azoto. An. Esc. Polit. para o ano de 1912 p.113-20 & Biochem. Zeitschr. p.345-51, 1914

Proposed that there are changes in molecular concentration of atmosphere due to variations in pressure and temperature

Proposed covolume as the only means of dispersion

A meteorologia sob o ponto de vista da química coloidal. Anais III Congr. Sul-Amer. Química 2:264-97, 1937

PATENTS

Foreign

A new or improved process of sterilizing liquids and solid materials British Patent 180,973 (1922)

Methode de sterilisation au moyen de melant d'action oligodynamique Swiss Patent 131,75 (1921)

With O. Bromberg. Purifying and sterilizing water US1,324,118 (1920)

Brazilian

Um processo de fabricação de filtros, filtros esterilizadores, recipientes e outros objetos esterilizadores de ação oligodinâmica (1930)

With B. Rangel Pestana. Um novo processo e dispositivo para esterilizar água e outros líquidos (nº10.843) 1920

Revestimento antibacteriano para potes cerâmicos

Novo processo e aparelho electrolysador de chloretos alcalinos (1917)

Processo aperfeiçoado para purificar e esterilizar qualquer agua para torná-la potável (1916)

Novo processo de fabricação de chloruretos ferríferos (Ferriol) (1916)

OTHER CONTRIBUTIONS

Lacmosol, the active constituent of lacmoid. Biochem. Zeitsch. 65:177-89, 1914

Several changes in the method of nitrogen estimation according to Kjeldahl. Biochem Z. 60:345-51, 1914

As gorduras dos nossos porcos e as carnes conservadas e presuntos. Novo método de pesagem analítica

Estudo sobre o biodeto de mercúrio coloidal. Novo coliséptico intravenoso. Rev. Soc. Cient. S. Paulo 2(9-10):133-6, 1907 & 2(11-2):162-7, 1907

Uma bureta de precisão. An. Esc. Polit. para o ano de 1907 p.149-50

A preparação de um indicador muito sensível. An. Esc. Polit. para o ano de 1907 p.151-4 (lackmosol)

Uma modificação do aparelho de Kjeldahl. An. Esc. Polit. para o ano de 1907 p.161-5

Novo método de pesagem analítica. An. Esc. Polit. para o ano de 1908 p.109-16

Modificação do método de Gram. An. Esc. Polit. para o ano de 1909 p.239-40

Lackmosol, novo indicador de uma grande sensibilidade às bases. Rev. Soc. Cient. S. Paulo 4:91-5, 1909

With L.A. Wanderley. Estudos sobre as soluções alcoólicas de sulfato de amônio. Um alcoometro salino. An. Esc. Polit. para o ano de 1912 p.123-6

Clarificação e purificação de águas: novo processo. Ann. Paul. Med. Cir. 3(6):123-9, 1914

Obtained Ferriol coagulant (ferrosoferric chloride) for water purification

A process for producing nonhygroscopic ferric chloride

A special electrolyzer for producing chlorine from table salt

Roberto Jaramillo

March 1, 2024

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

Roberto Jaramillo Mejía, Colombian botanist (Manizales 05 February 1919 – Bogotá 2006)

DESCRIBED PLANTAE SPECIES

Acidocroton gentryi 1995 with Fernandez Alonso

Cyathea metteni

Phragmothea mambitana with Fernandez Alonso

HONORS

Jaramilloa King & Robinson 1980 (Asteraceae)

Roberto Johansen

March 1, 2024

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

Roberto Miguel Johansen Naime, Mexican entomologist (Chihuahua 19 September 1944 –

DESCRIBED THYSANOPTERA TAXA

Genera

- Bellicosothrips* 1981
- Bravothrips* 1986
- Darwiniothrips* 1983
- Demetriothrips* 1977
- Hennigthrips* 1986
- Hexagoniethrips* 1989 with Montes de Oca
- Humboldthrips* 1983
- Lacandonithrips* 1981
- Linneothrips* 1996 with Mojica
- Microlissothrips* 1984 with Mojica
- Microxythrips* 1989 with Mojica
- Neodichaethrips* 1982
- Paraleucothrips* 1983
- Pistillothrips* 1982
- Pseudophilothrips* 1979
- Senarioliethrips* 1981
- Solanithrips* 1997
- Stenocephalothrips* 1982
- Torvothrips* 1979
- Wegenerithrips* 1983
- Xeroleptothrips* 1982

Species

About 200

HONORS

Johansenithrips Retana Salazar & Soto Rodríguez 2004 (Thysanoptera)

Roberto Landell de Moura

March 6, 2024

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

Roberto Landell de Moura, Brazilian father and inventor (Porto Alegre 21 January 1861 – Porto Alegre 30 June 1928)

From Scottish descent via maternal branch

ACHIEVEMENTS

Performed the first radio transmission in the world (1893), before Marconi (1895);

Performed voice transmission wireless before Fessenden (1900)

First in the world to transmit wireless telegraphy in continuous waves

Proposed using short waves to augment transmissions range (1901)

Recognized the importance of voltaic arc for signs transmission of variable intensity

Discovered Kirlian effect (1907) e conceived the first apparatus able to record it photographically

INVENTIONS/PATENTS

Patented the first photonic-electronic system in the world (1901)

Patented wireless telegraph (1902), wave transmitter (1903) and wireless telephone (1901) in United States

A electromechanical microphone

Telegraphic loudspeaker

Teleauxiphone

Caleophone, a kind of interphone

Teletiton, a phonetical telegraphy apparatus

Auxitophone , a sonic telegraph employing musical notes

Gouraudphonium

Telephotorama, an apparatus to receive and transmit images and texts to some distance

Anematophone

Ediphone

In his inventions and patents are included concepts as continuous waves transmission, triode and fiber optic principle

EPONYM

Landellian waves, waves produced by electrical vibratory motions playing a role similar to a metallic conductor in telegraphy and wireless telephone

Roberto Levi-Castillo

March 6, 2024

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

José Roberto Levi-Castillo, Ecuadorian medical entomologist, historian and philatelist (Guayaquil 26 January 1921 – Quito 29 October 2006)

Discovered that varieties of an *Anopheles* species are geographically specific

El complejo *Pseudopunctipennis* en el Ecuador (Diptera, Culicidae). Univ. Guayaquil 28 September: 1-7, 1944

Developed a box for transport of mosquitoes larva and pupa used worldwide

Una caja para transportar larvas de mosquito vivas. Rev. Kubana Med. Trop. Parasitol. 10:211-2, 1947

Developed a mounting medium for pieces of mosquitoes

El uso del alcohol polivinílico de viscosidad media como un medio para el montaje de las larvas, pupas y terminalia masculina de los mosquitos. Rev. Kuba Med. Trop. 5-6:76-8, 1950

Authored Los mosquitos *Haemagogus* de America del Sur (1951), translated into English and German

The possible role of *Chara fragilis* in mosquito control. Science 100:266, 1944

DESCRIBED DIPTERA TAXA

Subgenera

Longipalpifer 1951

Osornomyia 1955

Species

Anopheles rivadeneirai 1945

Anopheles gomezdelatorrei 1955

Culex azuayus 1954

Culex babahoyensis 1953

Culex guayasi 1953

Culex quitensis 1953

Haemagogus soperi 1955

Haemagogus garciai 1955

Limatus andinus 1954

Limatus guayasi 1954

Psophora garciai 1953

Toxorhynchites aequatorianus 1953

Trichoprosopon andinum 1953

Trichoprosopon cotopaxensis 1953

Uranotaenia aequatorianna 1953

Wyeomyia aequatoriana 1954

Wyeomyia amazonica 1954

Wyeomyia esmeraldas 1955

Subspecies

Anopheles pseudopunctipennis levicastilloi 1944

Anopheles pseudopunctipennis rivadeneirai 1945

Roberto Macias

April 7, 2024

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

Roberto Aristobulo Macías, Argentine mathematician (1944 – Salta 10 August 2022)

CONTRIBUTIONS

- With C. Segovia. Weighted norm estimates for the maximal operator of the Laguerre functions heat diffusion semigroup. *Studia Math.* 172:149-67, 2006
- With C. Segovia. Heat-diffusion maximal operators for Laguerre semigroups with negative parameters. *J. Funct. Anal.* 229(2):300-16, 2005
- With M.S. Riveros. One-sided extrapolation at infinity and singular integrals (2000)
- With E. Harboure & C. Segovia. An extrapolation theorem for pairs of weights. *Rev. Un. Mat. Argentina* 40(3-4):37-48, 1997
- With E. Harboure, C. Segovia & J.L. Torrea. Some estimates for maximal functions on Kothe function spaces. *Israel J. Math.* 90:349-71, 1995
- With C. Segovia & J.L. Torrea. Singular integral operators with non-necessarily bounded kernels on spaces of homogeneous type. *Adv. Math.* 93:25-60, 1992
- With E. Harboure & C. Segovia. A two weight inequality for the fractional integral when $p=n/\alpha$. *Proc. Amer. Math. Soc.* 90:555-62, 1984
- With C. Segovia. A well behaved quasi-distance for spaces of homogeneous type. *Trab. Matem. Ser 1* 32 (1981)
- With C. Segovia. A decomposition into atoms of distributions on spaces of homogeneous type. *Adv. Mathem.* 33(3):271-09, 1979
- With C. Segovia. Weighted norm inequalities for parabolic fractional integrals. *Studia Math.* 61:279-91, 1977
- With C. Segovia. A maximal theory for generalized Hardy spaces (1978)
- Eponym of Macias-Segovia symmetrization quasi-symmetric theorem

Roberto Miguel Klein

March 2, 2024

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

Roberto Miguel Klein, Brazilian plant ecologist (Montenegro, Rio Grande do Sul State 31 October 1923 – Itajaí, Santa Catarina State 13 November 1992)

Performed studies on phytosociology, autoecology and dendrology publishing more than 100 works

With R. Reitz discovered (collected) 6 new plant genera, about 500 species and many varieties

Co-described the posthumous species *Psychotria fractistipula* 2005 with L.B. Smith & Delprete

HONORS

Kleinodendron L.B. Smith & Downs 1964 (Euphorbiaceae)

Rodolfo Golbach

February 29, 2024

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

Rodolfo Luis Pablo Golbach, German-born Argentine entomologist (Leipzig 08 June 1916 –San Miguel de Tucumán 17 October 2000)

World expert on Elateridae Coleoptera

Presented a device to collect Thysanoptera

Aparato para la recolección de tisanópteros. Rev. Soc. Entom. Argent. 13(1-3):187-9, 1951

DESCRIBED NEW COLEOPTERA TAXA

Tribe

Anaissini 1984

Subfamily

Semiotinae

Genera

Apteroelater 1964

Arnettia 1969

Duretia 1984

Latilacon 1969

Monocyrtan 1969

Paraloboderus 1990

Pyrganus 1968

Stangellus 1976

Species

At Least 40

HONORS

Golbachia Cobos 1955 (Coleoptera)

Golbachella Townes 1969 (Hymenoptera)

Rodolpho Von Ihering

February 29, 2024

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

Rodolpho Theodor Wilhelm Gaspar Von Ihering, Brazilian zoologist and ethnologist (Taquara, Rio Grande do Sul State 17 July 1883 – São Paulo 15 September 1939)

Authored 119 scientific works

Described wounding apparatus of caterpillars

Interpretação do aparelho urticante das tatoranas. Rev. Soc. Biol. 2:76, 1930

First to describe with accuracy the piracema phenomenon and obtain Brazilian piracema freshwater fishes spawning in captivity

With Dorival Macedo Cardoso, Pedro de Azevedo e João Pereira Junior, developed hypohysation method (Von Ihering method) for spawning of piracema fishes, used worldwide in fish-farming stations (1934)

Die wirkung von Hypophyseninjektion auf den Laichakt von Fischen. Zool. Anz. 111(11-2):273-9, 1935

With P. de Azevedo. Ueber die wirkung des Saugetier – Hypophysenhormons auf den Leichakt der Fische. Zool. Anz. 120 (3-4):71-5, 1937

A method for inducing fish to spawn. Progr. Fish Culturist 34:15-6, 1937

Described adhesive characidian organ of *Astyanax* sp. larvae (1936)

With P. de Azevedo. As piabas dos açudes nordestinos (characidae, Tetraodonopterae). Arch. Inst. Biol. 7:75-106, 1936

SOME INTERESTING PAPERS

A pesca por meio da eletricidade. Bol. IOCS 2(6): 252-7, 1935

O papel das plantas aquáticas na evaporação. Rev. Acad. Bras. Cien. (1932)

Festa das aves e os respectivos documentos biológicos. Rev. Soc. Biol. S. Paulo 2:157, 1930

O osso bregmático do *Procyon* e outros mamíferos. Rev. Mus. Paul. 5(2-4):126-30, 1915

Fósseis de São José do Rio Preto. Rev. Mus. Paul. 8:141-6, 1910

Uma curiosa formação de galhas. O Entomol. Bras. 1(6-7):106-7, 1908

DESCRIBED NEW ANIMALIA TAXA

Lepidoptera

Genus *Bradyopophila* 1913 and 2 species

Hymenoptera

Genera

Caba 1904

Parachartergus 1904

Proacrias 1913

Species

19

Subspecies

5

Coleoptera

Species

6

Mollusca

Species

Itambeia prisca 1912

Amphibia

Species

Siphonops insulanus 1911

Reptilia

Species

Sibynomorphus neuwiedi 1911

Aves

Species

Emberizoides ypiranganus 1907 with H. Ihering

Phylloscartes difficilis 1907 with H. Ihering

Phylloscartes paulista 1907 with H. Ihering

Sarkidiornis sylvicola 1907 with H. Ihering

Pisces

Genera

Aspidoras 1907

Rhamdioglanis 1907

Species

Aspidoras rochai 1907

Bunocephalus larai 1930

Corydoras flaveolus 1911

Corydoras garbei 1911

Crenicichla mucuryna 1914

Heptapterus multiradiatus 1907

Hisonotus francirochai 1928

Hypostomus ancistroides 1911

Hypostomus butantanis 1911

Hypostomus hermanni 1905

Hypostomus lexi 1911

Hypostomus paulinus 1905

Hypostomus regani 1905

Hypostomus tietensis 1905

Hypostomus variipictus 1911

Loricaria piracicabae 1907

Pareiorhaphis garbei 1911

Pseudotocinclus tietensis 1907

Rhamdioglanis frenatus 1907

Tatia neivai 1930

HONORS

Iheringascaris Pereira 1935 (Nematoda)

Iheringtrema Travassos 1947 (Trematoda)

Rodrigo Gamez

February 29, 2024

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

Rodrigo Gamez Lobo, Costa Rican plant virologist and ecologist (Esparza, Puntarenas 07 August 1936 –

ACHIEVEMENTS

Discovered several viruses and vector insects as well as virus-vector biological relationships new to science

Discovered, characterized and described the features and biological properties of the rayado fino maize virus that gave basis to the creation of a new viruses family (Marafiviridae)

A new leafhopper-borne virus of cvorn in Central America. Plant Disease Reporter 53:929-32, 1969

Described bean rugose mosaic virus

With A. Osorio & E. Echandi. Una raza nueva del virus do mosaico común del frijol. Turrialba 20:397-400, 1970

Los virus del frijol en Centroamerica II. Algunas propiedades y transmisión por crisomélidos del virus del mosaico rugoso del frijol. Turrialba 22:249-57, 1972

Una enfermedad virosa de los chiles causada por el virus Y de la papa. Rev. Biol. Trop. 10(1):91-7, 1962

PATENT

With G. Tamayo-Castillo, K. Rosales-Ovares et al. Pharmaceutical composition for preventing or treating inflammatory diseases, allergic diseases or asthma, containing *Diospyros blancoi* A.DC extract as active ingredient. US Patent 20130164395A1 (2010)

HONORS

Houssay Prize, OAS (1983)

Prince of Asturias Prize in Science and Technology (1995)

Genus *Rodrigama* Gauld 1991 (Hymenoptera)

LINKS

<http://163.178.205.6/cientificos/biorgamez.html> (Curriculum Vitae)

Rogério Cerqueira Leite

March 6, 2024

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

Rogério Cezar de Cerqueira Leite, Brazilian physicist (Santo Anastácio, São Paulo State 13 July 1931 –

Authored nearly 80 papers

ACHIEVEMENTS

Co-discovered thermal lens effect

With J.P. Gordon, R.S. Moore, J.R. Whinnery & S. Porto. Long transient effects in laser with insert liquid samples. J. Appl. Physics 36:3, 1965

Co-discovered resonance Raman effect

With S.P.S. Porto. Enhancement of the Raman cross section in Cdc due to resonant Absorption. Physical Review Letters 17:538, 1966

With S.P.S. Porto. A simple method for calibration on ruby laser output. Proc. IEEE 51, 1963

With C.A. Arguello & G.F. Mendes. A simple technique to suppress spurious luminescence in Raman spectroscopy. Appl. Optics 13:1731, 1974

Developed optical power limiter (1970)

Rolando Garcia

February 29, 2024

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

Rolando Victor Garcia Boutique, Argentine meteorologist and philosopher (Azul, Buenos Aires Province 20 February 1919 – Ciudad de Mexico 15 November 2012)

Married to world-famous psychopedagogue Emilia Ferreiro

His thesis at University of California was relevant for rocket launching to Moon by NASA

On the condition of the Steady state Atmospheric Motion (1953)

Headed the first atmospheric surveying employing meteorological satellites at Geneva (United Nations Organization) 1967-71

With Jean Piaget authored works about epistemology and science history

Elaborated a theory about complex systems

Sistemas complejos (2006)

Roman Kintanar

March 2, 2024

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

Román Lucero Kintanar, Philippine meteorologist and geophysicist (Cebu 13 June 1929 – Quezón 06 May 2007)

SOME BIBLIOGRAPHY

With L.A. Amador & R.P. Lao. Tropical cyclone hazard in the Philippines. NSDB Technol. J. 5(1):7-8, 1980

Development of improved design criteria to better resist the effects of extreme winds for low-rise buildings in developing countries (1974)

With L.A. Amador. Typhoon climatology in relation to weather modification activities WMO 408 (1974)

The analysis of annual maximum windspeeds in the Philippines (1971)

A study of typhoon microseisms (1958)

With J. Quema & A. Alcaraz. The Lanao Earthquake. Phil. Weather Bur. (1955)

HONOURS

IMO Prize (1995)

Minor planet 6636 Kintanar

Ronaldo Rogério de Freitas Mourao

April 7, 2024

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

Ronaldo Rogério de Freitas Mourão, Brazilian astronomer (Rio de Janeiro 25 May 1935 – Rio de Janeiro 25 July 2014)

ACHIEVEMENTS

Published more than 100 papers and 85 books

Recorded phantom Saturn ring (1960)

Established the periodic character of Jupiter's bands

A search for periodicity in the thickness of Jupiter (1962)

Established new relations in the application of Thiele-Innes method (1964)

Developed a new method for computing circular orbits of visual double stars (1966)

Discovered invisible companion star of Aitken 14 (1971)

Discovered with Belgian Henri Debehogne 14 asteroids (1980)

Authored Encyclopedic Dictionary of Astronomy and Astronautics (1988), the first of its kind in the world

HONORS

2590 Mourão Asteroid

LINKS

<http://www.ronaldomourao.com/jornal/NewsClip/Default.asp>

Rosalvo Guidolin

February 29, 2024

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

Rosalvo Guidolin, Brazilian veterinarian (São Paulo 18 January 1924 – São Paulo 15 December 2011)

With R.G. Ferri. Fluorescence and photoinactivation of snake poisons. Science 113:300, 1951

DEVELOPED

With I. Gondo & W. Dias da Silva an immunization scheme of horses for antivenins production (1985)

Antivenom in powder form (2000)

With F. Fratelli, J. Abrahão Neto, A.T. Caricati, M.M. Borges & C.P. Caricati. An alternative method for purifying and detoxifying diphtheria toxin. Toxicon 57(78):1093-1100, 2001

With W. Dias da Silva, J.R. Marcelino, H.H. Gondo, T.L. Kipnis, C.L. da Silva et al. Development of Process to Produce Polyvalent Horse F(ab')₂ Antibodies Anti-African snake venom. African J Biotechnology, 9:2446-2455, 2010.

PATENTS

With S. Lima Netto, F.S. Kubrusly, P.S. Araújo & I. Raw. Process for obtaining natural exogenous surfactant from swine origin and resulting product (2000)

With P. S. Araújo et al. Liposomal formulations, its uses and processes for obtaining, process for production of hyperimmune serum and method of profilactic or curative treatment of the disease (2003)

With colleagues. Process for obtaining equine serum anti Lachesis (2005)

With colleagues. Equine serum for anti bee venom, method for recognition and process for obtaining it (2010)

Rubén Jaén

March 1, 2024

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

Rubén Jaén Centeno, Venezuelan cardiovascular surgeon (Caracas 11 February 1926 –

Authored 120 papers and 6 books

ACHIEVEMENTS

Performed the first replacement of the common carotid artery by a plastic prosthesis or Dacron in the world (1957)

Founded the first chair of cardiovascular surgery in the world at Universidad Central de Venezuela (1968)

New method for surgical treatment of the postphlebitic syndrome. *Angiología* 26(3):89-94, 1974

With H. Fermin, H. Velarde, A. Lairet & G. Silva presented the first case in literature of a fistula between the ascending aorta and the left atrium (1986)

HONORS

President & Invited Lecturer, International Society for Cardiovascular Surgery (1984)

Diploma for Scientific Achievements, Miami University (2001)

Ruqi Li

March 6, 2024

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

Juchi Li / Ruqi Li, Chinese geneticist (Tianjin 02 March 1895 – Beijing 04 April 1991)

Published a paper about the effect of chromosomal mutation on fruit fly developments that is considered as a classic in developmental genetics

The effect of chromosome aberrations on development in *Drosophila melanogaster*. Genetics 12:1-8, 1927

First reported that *Ascaris megalcephala* had 3 pairs of chromosomes instead of two

A six-chromosome *Ascaris* in Chinese horses. Science 86 (2222):101-2, 1937

Outstanding achievements on embryonic development and environmental adaptation of anuran amphibians

Ruth Gall

February 29, 2024

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

Ruth Sonabend de Gall, Jewish Polish-born Mexican physicist (Dobrzyn 27 April 1920 – Ciudad de Mexico 26 April 2003)

Authored over 75 papers

Gave the first evidence about variation along day in values of geomagnetic rigidity cutoff of cosmic rays in polar latitudes

Determined the effect of magneto spherical currents on paths of cosmic rays

Produced asymptotic direction maps of cosmic rays

Authored classical works on field of cosmic rays

Daily variation of the asymptotic directions of cosmic rays. J. Geophys. Res. Space Phys. 73:13, 1968

Penetration through the magnetopause and the trapping in its vicinity. J. Geophys. Res. Space Phys. 69(19):4157-61, 1964

The secular variation of the geomagnetic field and the cutoff momenta. J. Phys. Soc. Japan 17 Suppl. A II: 44-8, 1962

HONOURS

Invited as lecturer or visiting professor to many research centers in United States, Europe and Asia

Known as Madame Cosmic Rays in world academic community

Received a medal from College de France (1981)

Ruth Glover Wordsworth

February 29, 2024

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

Ruth Glover Wordsworth, South African botanist (fl.1908-18)

DESCRIBED PLANT SPECIES

Acmadenia heterophylla 1915

Acmadenia macropetala

Agathosma sladeniana 1915

Albuca karasbergensis 1915

Diosma guthriei 1915

Empleurum fragrans 1918

Hermannia meyeriana 1915

Lachenalia pearsonii 1915

Tetraena tenius 1913

HONORS

Gloveria Jordaan 1998 (Celastraceae)

Ruy Gomes de Moraes

April 7, 2024

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

Ruy Gomes de Moraes, Brazilian parasitologist (Cachoeiro do Itapemirim, Espírito Santo State 1909 – Rio de Janeiro 13 September 1973)

Modified Baermann apparatus and developed Baermann-Moraes method for detecting helminth larvae in feces, culture and soil.

Contribuição para o estudo do *Strongyloides stercoralis* e da estrogiloidose no Brasil. Rev. Serviço Esp. Saude publica 1(3):507-624, 1948.

Discovered *Trichosporon ribeiroi*, a new agent of nodular trichomycosis or black piedra

Novo agente de tricomiose nodular: "*Trichosporon ribeiroi*" n.sp. Cultura Médica 3:64-89, 1941.

Developed a new method for treatment of strongyloidiasis employing bismuth salts

Ensaio de um novo método de tratamento da estrogiloidose pelos sais de bismuto. Rev. Bras. Med. 18:646-8, 1961

Sabri Kamel

March 2, 2024

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

Sabri Kamel, Egyptian ophthalmologist

Developed Kamel technique for treatment of pterygium

Pterygium. Its nature and a new line of treatment. Pterygium. Brit. J. Ophthalm. 30:549, 1946

A new knife for doing Van Millingen's grafting operation. Brit. J. Ophthalm. 24(11):567-70, 1940

SOME BIBLIOGRAPHY

The treatment of the recurrent pterygium. Bull. Ophthalm. Soc. Egypt 65:37-40, 1972

Keratoplasty in children. Bull. Ophthalm. Soc. Egypt 64:69-72, 1971

The limbic gutter. An aid to corneal surgery. Bull. Ophthalm. Soc. Egypt 59:17, 1966

Scaphocephaly. Bull. Ophthalm. Soc. Egypt 50(9), 1957

The slit-shaped pupil. Bull. Ophthalm. Soc. Egypt 50:109, 1957

The pterygium: its etiology and treatment. Am. J. Ophthalm. 38(5):682-8, 1954

Partial resection of the upper eyelid and its repair. Brit. J. Ophthalm. 35(6):377-9, 1951

The sulfonamides in the treatment of trachoma. Am. J. Ophthalm. 34:205, 1951

Primary tuberculosis of the conjunctiva. Brit. J. Ophthalm. 34:322-7, 1950

With G. Badir. Aureomycin in the treatment of trachoma and other conjunctival infections. Bull. Ophthalm. Soc. Egypt p. 47, 1950

Chronic staphylococcal infections of conjunctiva before intraocular operations. Bull. Ophthalm. Soc. Egypt 42:248, 1949

The eye complications of xeroderma pigmentosum (Kaposi). Bull. Ophthalm. Soc. Egypt 41:92, 1948

Cyclodialysis in treatment of glaucoma simplex. Bull. Ophthalm. Soc. Egypt

The antibiotics in the treatment of trachoma. Bull. Ophthalm. Soc. Egypt

The cornea in some viral communicable eye diseases

Salomon Hakim

February 29, 2024

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

Salomon Hakim Dow, Colombian neurosurgeon and bioengineer (Barranquilla 04 June 1922 – Barranquilla 05 May 2011)

From Lebanese parents

Authored over 70 papers

Described the normal pressure hydrocephalus or Hakim syndrome in Spanish (1964) and in English with R.D.Adams & C.M. Fisher (1965)

Stated new theories on cephalorhachidian liquid dynamics

Introduced new lead systems of cephalorhachidian fluid

Stated the concept of self-regulating valves (1973)

TECHNIQUES/DEVICES

With A. Jimenez Arango & F. Rosas. Drainage of the cerebrospinal fluid into the spinal epidural space: a new technique for the treatment of hydrocephalus. Acta Neuroch. 4(3):224-7, 1955

With neurosurgeon Alejandro Jimenez Arango. A surgical technique for making agile operations

A technique for measuring gauge of brain vessels

With Carlos Hakim. A programmable and adjustable valve which may prevent ventricular collapse or Hakim valve

The first gravitational valves (1975)

With J.F. Patiño, C. Hakim, S. Barco, F. Holguín Rueda & C. Castro. A new vascular access system totally implantable: Hakim's venous shunt. Cirugía 1(1):3-6, 1986

INVENTIONS/PATENTS (more than 28 US patents)

A valve to treat hydrocephaly. USPTO 3288142 (1966)

With D.L. Harris. Implantable pressure sensor. US3.958.562 (1974)

With C. Hakim. Servo valve US4.106.510 (1976)

With C. Hakim Method and apparatus for the treatment of ascites. US4.261.341 (1979)

Flocking apparatus US4.312.293 (1980)

With C. Hakim. Shunt valve US4.332.255 (1980)

With C. Hakim. Shunt valve US4.387.715 (1982)

With C. Hakim. Cerebrospinal fluid shunt valve US4.551.126 (1983)

With C. Hakim. External magnetic detection of physiopathological and other parameters. US4.608.992 (1983)

With C. Hakim. Magnetically-adjustable cerebrospinal fluid shunt valve US4.595.390 (1983)

With C. Hakim. Surgically implantable stepping motor US4.615.691 (1983)

With C. Hakim. External programmer for magnetically-adjustable cerebrospinal fluid shunt valve. US4.772.257 (1986)

With Carlos Hakim. A programmable and adjustable valve which may prevent ventricular collapse or Hakim valve

EPONYMY

Hakim triad (in normal pressure hydrocephaly)

Hakim tube

Hakim shunt

Hakim reservoir

Hakim catheter

HONOURS

First Foreigner to win Alumni Achievement Award, United States

Salomón Horovitz

February 29, 2024

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

Salomón Horovitz Yarcho, Jewish Argentine plant geneticist (Villaguay, Entre Rios Province 12 November 1897 – Maracay 06 January 1978)

ACHIEVEMENTS

Obtained the bitter maize

Studied the genetic sex determination in papaya

Proposed improvement of banana by sexual pathway

DISCOVERED GENES IN MAIZE

Amargo (ag) 1942 with A. Marchioni

Luteo Maculata (lu) (1941)

Azucarado (sux) 1941 with A. Marchioni & H. Fisher

Siamensis, nuevo caracter hereditario del maiz (1936)

Nuevo gen del cuarto cromosoma del maiz (1942)

HONORS

Horovitzia Badillo 1993 (Caricaceae)

Salvador Gonzalez Herrejon

February 29, 2024

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

Rafael Salvador Gonzalez Herrejón, Mexican dermatologist (Morelia, Michoacán State 04 December 1893 – San Jose de Costa Rica January 1965)

Demonstrated that pinta disease was a general and microbial-origin disease (1926-7)

With León Blanco & Perrín identified *Treponema carateum* that causes pinta

Improved the technique of curing tinea employing thallium acetate (1918-9) with international acceptance

Proved that the vitiligo was caused by a protozoa named *Treponema pinto*

Salvador Mazza

April 9, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Salvador Mazza, Argentine hygienist and parasitologist (Rauch, Buenos Aires Province 06 June 1886 – Monterrey, Mexico 09 November 1946)

Son of Italian immigrants

Authored about 260 works

Confirmed the existence of Chagas disease and performed important studies about it (Chagas-Mazza disease)

Described the chagasic dacrioadenitis or Mazza-Benítez sign

With Clemente Benítez. Comprobación de La naturaleza esquizotripanósica y frecuencia de la dacrioadenitis en la Enfermedad de Chagas. Presencia de granulaciones en la forma ocular de esta enfermedad. Publ. MEPRA 31, 1937

Described the chagomas as cutaneous manifestations in Chagas disease

With Ramón S. Freire. Manifestaciones cutaneas en Enfermedad de Chagas. Chagomas de inoculación. Chagomas Metastáticos y Chagomas Hematogenos. Rev. MEPRA 46:3-38, 1940

Described Mazza secondary chagomes or lipochagomes

Described schizotrypanids, cutaneous eruptions in Chagas disease

Esquizotripanides. Manifestaciones eruptivas agudas en la enfermedad de Chagas (exantemas y roseolas). Rev. MEPRA 51:3-74, 1941

Described Mazza-Jorg nodular hepatitis

With M.E. Jorg. Sobre nodulos de histiocitosis en el higado de perro inoculado con *Schizotryp. cruzi* de origem humano. Publ. MEPRA 15:1-24, 1934

With R. Kraus developed an anti-typhoid vaccine (1910)

DESCRIBED NEW TAXA

Fungi

Cryptococcus mitis 1930 with Stabile & Feijoo

Hormodendrum chaquense with Niño

Trichophyton saltense 1934 with Niño & Cornejo

Trichosporon humahuquense 1934 with Niño

Protozoa

Blastocrithidia gallardoi 1937

Phytomonas jujuyense 1939

Trypanosoma balfouri 1932 with Oliva, Schurmann & Gutdeutsch

Trypanosoma dabbenei 1927 with Deautier & Steullet

Trypanosoma franchinianus 1932 with Fiora

Trypanosoma langeronianus 1932 with Fiora

Nematoda

Dipetalonema nicollei 1929

Dipetalonema tenius 1929

Dipetalonema finlayi 1932 with Fiora

Microfilaria tamborini 1927 with Franke

Hemiptera

Genus *Mepraia* 1940 with Jörg & Gajardo Tobar

Triatoma rosenbuschi 1936

Triatoma bruchi 1944 with Jörg

HONORS

Mazzia Khalil & Vogelsang 1932 (Nematoda)

Samarendra Nath Maulik

April 9, 2024

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

Samarendra Nath Maulik, English / Indian entomologist (Tamluk, West Bengal State 25 December 1881 – London 09 July 1950)

Enunciated Maulik principle

Eponym of Maulik organ or metafemoral spring

DESCRIBED COLEOPTERA GENERA

Adalurnus 1936

Akantaka 1916

Alafia 1936

Anastena 1936

Anisoderopsis 1916

Apaksha 1926

Aprionota 1929

Asamangulia 1915

Asutosha 1926

Aulostyrax 1929

Avinasa 1936

Bijukta 1936

Bikasha 1931

Bimala 1926

Cneoranella 1936

Cnestispa 1930

Codiohispa 1930

Dercetisoma 1936

Eka 1931

Ekagonia 1916

Galerotella 1936

Galerupipla 1936

Glaucosphaera 1926

Gopola 1926

Griva 1926

Hoplasomedia 1936

Jacobyana 1926

Kamala 1926

Kari 1923

Keeta 1931

Lamellipalpodes 1921

Lamellipalpus 1921

Lanka 1926

Mimagitocera 1936

Neorthaea 1926

Nesohaltica 1929

Nesohispa 1913

Nonispa 1933

Pharangispa 1929

Plesistia 1929

Pratima 1931

Pycnophthalma 1929

Rhabdotohispa 1913

Shairia 1936

Shamshera 1936

Solephyma 1936

Squamispa 1928

Swargia 1936

Taphinellina 1936

Throscoryssa 1928

Trikona 1916

Wallaceana 1928

HONORS

Maulika Basu & Sengupta 1980 (Coleoptera)

Sampurno Kadarsan

March 2, 2024

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

Sampurno Kadarsan, Indonesian biologist (Surabaya 11 August 1929 – Bandung 17 September 2010)

DESCRIBED ACARI SPECIES

Haemaphysalis sumatraensis 1971 with Hoogstraal, El Kammah & Anastos

Carios collocaliae 1974 with Hoogstraal, Kaiser & Van Peenen

HONORS

Kadarsanomys Musser (Mammalia: Rodentia)

Samuel Gitler

February 29, 2024

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

Samuel Carlos Gitler Hammer, Jewish Mexican mathematician (Ciudad de Mexico 14 July 1933 – Ciudad de Mexico 09 September 2014)

With M.E.Mahowald developed modified Postnikov towers

With J.D.Stasheff defined exotic class and the first nontrivial exotic class of order 2 (1965)

With J. Adem & Y.K. Lam defined secondary operations

EPONYMY

Gitler-Mahowald method (1960s)

Feder-Gitler theorem (1977)

Cohen-Gitler theorem

Brown-Gitler spectra (1973)

Brown-Gitler modules

Brown-Gitler property

Gitler-Stasheff characteristic class

Bendersky-Gitler spectral sequence

Samuel Manuwa

April 9, 2024

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

Samuel Layinka Ayodeji Manuwa, Nigerian surgeon (Ogun State 04 March 1903 – Lagos 24 September 1975)

Invented Manuwa excision knife

An excision knife for tropical ulcers. Brit. Med. J. 13 April, p.574, 1946

HONOURS

Welcome Prize in Medicine

Robert Wilson Memorial Prize in Chemistry

Sang Soo Lee

March 6, 2024

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

Sang Soo Lee, South Korean optical physicist (04 October 1925 – 07 May 2010)

Authored over 250 papers and 5 books

Obtained the spectroscopy of radiative rays

Co-designed variable polarization dye laser for use in generating phase conjugate work and the iodine photo-dissociation laser for use in various material processing

Developed a four-mirror system for various applications including x-ray optics

PATENTS

With D.S.Lee, M.S. Lee & J.S. Ko. Apparatus for generating optical carrier suppressed return to zero (2004)

HONORS

Esther Hoffman Beller Medal, Optical Society of America (2006)

Santhappan Jones

March 1, 2024

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

Santhappan Jones, Indian fisheries biologist, marine biologist and entomologist (Kovalam, Kerala State 27 August 1910 – Trivandrum 26 February 1999)

DESCRIBED VALID NEW TAXA

Genera (Diplopoda)

Silvestrus 1937

Unixenus 1944

Species

Abudehduf manikfani 1970 with Kumaran (Pisces)

Silvestrus seminudus 1937 (Diplopoda)

Unixenus padmanabhii 1937 (Diplopoda)

SOME BIBLIOGRAPHY

Entomology

Prodiocetes hematicus Chevr., a new weevil pest of cardamom in South India. Ind. J. Entomol. 6(1-2):49-52, 1944

The cardamom weevil and its control. Planter's Chronicle 38(19), 1941

Observation on the oviposition and development stages of a species of *Polyxenus*. J. Bombay Nat. Hist. Soc. (1935)

A note on the distribution, oviposition and parental care of *Scutigerella unguiculata* Hansen var. *indica* Gravely. J. Bombay Nat. Hist. Soc. 38:209-11, 1935

Fisheries & Marine Biology

With M. Kumaran & M. Ali Manikfan. On some fishes from the Maldives. Part I. Species known from the Laccadive archipelago in the collections. J. Mar. Biol. Ass. India 23(1-2):81-97, 1981

With M. Kumaran. New records of fishes from the seas around India – part VII. J. Mar. Biol. Ass. India 12(1-2):187-96, 1971

Marine fishery resources of India. Indian Farming 19(9):19-21, 1969

Dugong *Dugong dugon* (Muller) its present status in the seas around India with observations on its behaviour in captivity. Intern. Zoo Yearbook 7:215-20, 1967

With M. Kumaran. On the fishes of the genus *Schindleria* Giltay from the Indian Ocean. J. Mar. Biol. Ass. India 6(2):257-64, 1964

Synopsis of biological data on the northern bluefin tuna, *Kishinoella tonggol* Bleeker 1851 (Indian Ocean). FAO Fish Rep. (1963)

With M. Kumaran. Distribution of larval tuna collected by the Carlsberg Foundation's Dana Expedition (1928-30) from the Indian Ocean. FAO Fish. Rep. 6(3):1753-74, 1962

Synopsis of biological data on the long corseletted frigate mackerel *Auxis thunnoides* Bleeker, 1855. FAO Fish. Rep. 6(2):782-810, 1962

Spratelloides delicatulus (Bennett) as a potential live bait for tuna in the Laccadives. J. Mar. Biol. Ass. India 2(1):103-4, 1960

The tuna live-bait fishery of Minicoy Island. Indian J. Fish. 5:300-7, 1960

Fishing methods for the Indian shad, *Hilsa ilisha* (Hamilton) in the Indian region. Part I. J. Bombay Nat. Hist. 56(2):250-75, 1959

Fishing methods for the Indian shad, *Hilsa ilisha* (Hamilton) in the Indian region. Part II. J. Bombay Nat. Hist. 56(3):423-48, 1959

An unusual instance of a bird getting trapped by a clam. J. Mar. Biol. Ass. India 1(1):97, 1959

On the late winter and early spring migration of the Indian shad, *Hilsa ilisha* (Hamilton), in the Gangetic delta. Ind. J. Fish. 4(2):304-14, 1957

With K.H. Sujansingani. The Hilsa fishery of the Chilka lake. J. Bombay Nat. Hist. Soc. 50(2):264-80, 1951

Observations on the bionomics and fishery of the brown mussel (*Mytilus* sp.) of the Cape region of Peninsular India. J. Bombay Nat. Hist. Soc. 49:519-28, 1950

HONORS

Jonesiella Hafeezullah & Siddiqi 1970 (Trematoda) accepted as *Antorchis*

Jonesius Sankarankutty 1962 (Crustacea) accepted as *Cherusius*

Jonespeltis Verhoeff 1936 (Myriapoda) accepted as *Anoplodesmus*

Santiago Antuñez de Mayolo

April 9, 2024

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

Santiago Angel de La Paz Antuñez de Mayolo Gomeró, Peruvian engineer and physicist (Huaclán, Aija Province 10 January 1887 – Lima 20 April 1967)

ACHIEVEMENTS

Invented an electrolytic condensator employed in radio receptor and electronic equipments (1904)

Predicted the existence of neutron in Third Panamerican Scientific Congress, Lima (1924) and the existence of positron in Los Tres elementos constitutivos de la materia (1932)

Proposed an equation unifying electromagnetic and gravitational fields

Une meme equation pour le champ electromagnetique et le champ gravitationnel (1934)

Established the existence of 4 asteroids (1930)

Enunciated a Parabolic Law of Planetary Distances in Solar System

Nueva ley de las distancias planetarias en el sistema solar y su interpretación física (1926)

Performed important archaeological studies on Old Peruvian civilizations

Physics Nobel Prize nominee (1943)

Satinder Vir Kessar

March 2, 2024

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

Satinder Vir Kessar, Indian organic chemist (Hoshiarpur 09 June 1932 –

Developed highly effective routes for total synthesis of many classes of natural products and compounds of medicinal and structural interest e.g. heterosteroids, steroidal alkaloids and sapogenins, azasteroids and pyridine, isoquinoline, benzazepine, morphinan and quinuclidine nucleus based alkaloids and drugs

Synthesized new heterocyclic systems

Investigated new thermal routes for generating oxoquinodimethane intermediates such as intramolecular desilylation of arylsulphoxides for benzyne generation (1987-92)

Elucidated mechanistic pathways including regio diastereo and enantio selectivity of these transformations

Developed benzyne cyclisation of haloanils and Lewis acid-promoted lithiation as synthetic procedures

Introduced the concept of Lewis acid activation of amines

Showed that intramolecular linking of benzyne with aryl rings is possible provided anionic activation is inbuilt into the cyclisation substrate (1973-8)

Developed a methodology for elaboration of tertiary amines and nitrogen heterocycles

Obtained the photoconversion of a related aminoaldehyde to a 10-membered ring alkaloidal framework (1992)

OTHER CONTRIBUTIONS

With S.M. Mukerji. A novel synthesis of 4-methyl-1,2 benzantracene. Nature 174:844, 1954

Photochemistry of α -ketoimines. Novel synthesis of xylopinine. Chem. Comm. J. Chem. Soc. P.855, 1978

Novel use of organosilanes in natural product synthesis. Pure Appl. Chem. 62:1397, 1990

A novel route to condensed polynuclear systems. Reality and illusion of benzyne intermediacy. Acc. Chem. Res. 11:283, 1978

PATENT

With S.K. Kulkarni, R. Jain, S. Prehan, S.K. Magadi et al. Novel monoamine re-uptake inhibitor WO2009118765A2 (2009)

LINKS

<http://insaindia.org/detail.php?id=N77-0368>

www.arkat-usa.org/get-file/19915/

Satya Pal & Vinod Gupta

February 29, 2024

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

Satya Pal Gupta, Indian helminthologist and parasitologist (fl. 1950–93)

DESCRIBED HELMINTH TAXA

Genera

Brahamputrotrema 1954 with Dayal (Trematoda)
Capingentoides 1961 (Cestoda)
Engraulitrema 1980 with Krishna (Monogenea)
Gauhatiana 1955 (Trematoda)
Lucknoides 1955 (Trematoda)
Lucknowia 1961 (Cestoda)
Macrotrema 1951 (Trematoda)
Neocricocephalus 1962 (Digenea)
Neodiclidophora 1980 with Krishna (Monogenea)
Neoencotyllabe 1980 (Monogenea)
Neopecoelina 1955 (Trematoda)
Oudhia 1955 with Dayal (Trematoda)
Paracylicostrogylus 1978 with Srivastava (Nematoda)
Paraphysaloptera 1979 with Kazim (Nematoda)
Paraxine 1977 with Krishna (Monogenea)
Pseudoanisocoelium 1985 with Tandon (Digenea)
Pseudoaviculariella 1979 with Kazim (Nematoda)
Pseudocaryophyllaeus 1961 (Cestoda)
Pseudodiscogasteroides 1955 (Trematoda)
Pseudolamellodiscoides 1977 with Krishna & Sharma (Monogenea)
Pseudoparamacroderoides 1968 with Agrawal (Trematoda)
Thaparotrema 1955 with Dayal (Trematoda)
Vitellariotrema 1977 with Krishna (Monogenea)

Species

At least 70

HONORS

Satyapalia Lakshminarayana & Hafeezullah 1974 (Trematoda)

His wife, Vinod Agrawal later Vinod Gupta, Indian helminthologist and parasitologist (fl.1963–2016)

DESCRIBED HELMINTH GENERA

Bilqeesotrema 1991 with Jain (Trematoda)
Chrysophrytrema 1992 with Jain (Digenea)
Goacanthus 1980 with Jain (Acanthocephala)
Indopodocotyle 1981 with Puri (Digenea)
Neoanaporrhutum 1985 with Tiwari (Digenea)
Neoartyfechinostomum 1963 (Trematoda)
Neoechinostoma 1968 (Trematoda)
Neogorgorhynchoides 1987 with Fatma (Acanthocephala)
Neometaquimperia 1965 (Nematoda)
Paracucullanellus 1965 (Nematoda)
Paracyrnea 1988 with Jaiswal (Nematoda)
Paraneophasis 1991 with Jain (Digenea)
Parasaurositus 1989 with Johri (Nematoda)
Paratractis 1989 with Naiyer (Nematoda)
Parheterorchis 1991 with Jain (Trematoda)

Pseudocyrtosomum 1988 with Johri (Nematoda)

Pseudodiomedenema 1989 with Johri (Nematoda)

Pseudogephyrolina 1992 with Singh (Cestoda)

Pseudogomtiotrema 1991 with Jain (Trematoda)

Sebastian Alfredo Guarrera

February 29, 2024

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

Sebastián Alfredo Guarrera, Argentine phycologist (Buenos Aires 10 July 1913 – Buenos Aires 28 February 2016)

DESCRIBED ALGAE TAXA

Species

Peroniella bourrellyi 1979 with Tell

Sphaeroeca laxa 1985

Varieties

Anabaena alatospora var. *ona* 1998 with Echenique

Anabaena ambigua var. *limayensis* 1995

Anabaena echinospora var. *yamano* 1998 with Echenique

Anabaena oscillatoroides var. *mucosa* with Echenique

Binuclearia tectorum var. *minor* 1991

Crinalium magnum var. *colloncurens* 1995

Crucigeniella rectangularis var. *alicurens* 1992 with Echenique

Gonium formosum var. *alicurens* 1992 with Echenique

Lobocystis dichotoma var. *minor* with Ferrario

Merismopedia tenuissima var. *polyedrica* 1987

Oscillatoria princeps var. *fuegiana* 1998 with Echenique

Phaseolaria obliqua var. *major* 1992 with Echenique

Stigonema hormoides var. *patagonicum* 1995

HONORS

Guarreraea Kociolek, Guerrero & Van de Vijver 2018 (Bacillariophyta)

Sergio Garcia Marruz

February 29, 2024

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

Sergio Garcia Marruz, Cuban obstetrician (La Habana 01 January 1886 – La Habana 03 October 1947)

His paper "Dos casos de cirugía obstétrica: cesareas conservadoras. 1º por gran toxemia; 2º por vagina tabicada. Rev. Med. Cubana 32:910, 1921, was reproduced in foreign journals

With Francisco S. Villalta developed Garcia Marruz-Villalta technique or cesárea segmento corpórea extraperitoneal (1933)

El problema de la cesarea baja: consideraciones sobre nueva tecnica de aislamiento sero-seroso de la soma histerotomica y exteriorización de la sutura uterina. Rev. Med. Cubana 48:761-99, 1937

His son, Sergio Garcia Marruz Badia, surgeon (La Habana 12 October 1919 – La Habana 13 February 1982)

Created low longitudinal aesthetic microincision for cesarean operation

With A. Sardiñas Ramírez & H. Sinobas. Microincisión para la operación cesárea. Cirurgia y Cirujanos 19: 574-602, (1951);

With A. Sardiñas & H. Sinobas. Microincisión baja estética longitudinal para la operación cesárea. Bol. Col. Med. La Habana (1952)

Introduced a classification of high obstetric risk

Clasificación de alto riesgo obstétrico (HOR) 1968

Sergio Menge de Freitas

April 9, 2024

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

Sérgio Menge de Freitas, Brazilian astrophysicist and pianist (Rio de Janeiro 04 August 1932 – Rio de Janeiro 25 March 1998)

SOME BIBLIOGRAPHY

Stellar motions along $l=60$ -240 and $l=150$ -330 inhomogeneous frequency distribution of spectral types. An. Inst. Geocien. 13:69-72, 1990

An odd behavior of nearby stars velocity components in the direction $l=330^\circ b=0^\circ$. Astron. Astrophys. Suppl. Series 49:687-90, 1982

Dispersion inhomogeneities of nearby stars velocities along the direction $l=330^\circ b=0^\circ$. Astron. Astrophys. Suppl. Ser. 41:433-6, 1980

Uma aplicação de métodos estatísticos e projetivos ao estudo das distribuições estelares. An. Inst. Geocien. 1 (1977)

Velocity ellipses in the galactic plane: regional variations and spectral distributions

HONORS

3740 Menge (Asteroid)

Sethunathasarma Krishnaswami

March 2, 2024

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

Sethunathasarma Krishnaswami, Indian geochemist (Thiruvananthapuram, Kerala State 21 May 1945 – 20 July 2015)

Developed innovative and powerful environmental radioactive and radiogenic isotope tracers

With H. Craig established ^{210}Pb - ^{226}Ra radioactive disequilibrium in the deep sea

With K.K. Turekian developed U-Th series nuclide applications in aquatic systems

Established the accretion rate and growth history of ocean-floor ferromanganese nodules

Suggested and demonstrated the use of ^{210}Pb as a tracer to establish the chronology of lake and near-coastal sediments

Used cosmogenic ^7Be and bomb-produced ^{239}Pb along to ^{210}Pb to assign ages to various layers in the sediment column

Documented that subsurface aqueous systems are best suited to study the reactivity of several important radioisotopes of U-Th decay series

Developed a special filter matrix for collection of small quantities of suspended matter from surface and deep waters to understand the role of particles in controlling the distribution of radionuclides and trace elements in the ocean

Showed that the concentration of radionuclides ^{210}Pb and ^{230}Th increases with depth on particles which enables the estimation of particle settling rates through the sea-water column

Showed that manganese nodules grow at different rates on the bottom side facing the sediments and on the top side exposed to sea water

LINKS

https://www.ias.ac.in/public/Resources/Other_Publications/Patrika/patrika_62.pdf

<http://www.currentscience.ac.in/Volumes/109/05/0984.pdf>

Seung Mo Lee

March 6, 2024

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

Seung Mo Lee, South Korean entomologist (Pyongyang 1923 – 15 April 2008)

DESCRIBED COLEOPTERA TAXA (with Y.J. Kwon)

Genera

Koreacoptolabrus 1984

Koreculio 1981

Koreoculio 1990

Nabicarabus 1984

Orientocarabus 1984

Pagumia 1990

Toptaria 1990

Weolseoacarabus 1984

Species

Archarius (*Archarius*) *exiguus* 1990

Archarius (*Archarius*) *latispiculum* 1990

Archarius (*Archarius*) *parvus* 1990

Archarius (*Archarius*) *pictiformis* 1990

Curculio *flavidorsum* 1990

Curculio *hallasanensis* 1990

Curculio *inornatus* 1990

Curculio *quelparticola* 1990

Curculio *taebaeksanensis* 1990

Curculio *velox* 1990

Curculio *vibariae* 1990

Damaster (*Acoptolabrus*) *seonhyeongae* 1984

Dactylispa (*Triplispa*) *koreana* 1985 with An

Eucarabus (*Parhomopterus*) *namhadoensis* 1984

Labaninus *confluens* 1990

Leptocarabus (*Aulonocarabus*) *kwanmobongensis* 1984

Pagumia *changeoni* 1990

Subspecies

Aulonocarabus (*Aulonocarabus*) *pseudokoreanus kwanmobongensis* 1984

Carabus *canalicatus kwanmobogensis* 1984

Carabus *leechi chiricola* 1984

Carabus *monilifer hoenggandoensis* 1984

Carabus *monilifer hongdoensis* 1984

Carabus *namhadoensis kojedoensis* 1984

Carabus *schrenckii seonhyeongae* 1984

Carabus *sternbergi tongdosanus* 1984

Carabus *wulffiussi ssangnamensis* 1984

Carabus *kruberi hallasanensis* 1984

Damaster (*Coptolabrus*) *jankowskii kangwonsis* 1984

Damaster (*Coptolabrus*) *smaragdinus sangjaei* 1984

Damaster (*Koreacoptolabrus*) *constricticollis chiricola* 1984

Eucarabus (*Parhomopterus*) *sternbergi honamensis* 1984

Hemicarabus (*Homoeocarabus*) *maeander quelpartensis* 1984

Leptocarabus *seishinensis seunglaki* 1984

Leptocarabus (*Weolseoacarabus*) *koreanus minor* 1984

Leptocarabus (Weolseoacarabus) koreanus weolseae 1984

Megodonta (Nabicarabus) viandinhoffi borealis 1984

Tomocartabus frayerculus yeongsiki 1984

Others

Apatura iris peninsularis 1981 with Takakura (Lepidoptera)

Parapodisma bandii 1986 with An (Orthoptera)

Shah Mashhood Alam

April 9, 2024

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

Shah Mashhood Alam, Indian entomologist (Ghazipur, Uttar Pradesh 07 October 1921 –

DESCRIBED HYMENOPTERA TAXA

Genera

Cheilonicetus 1975 with Shafee & Agarwal

Neoadelencyrtus 1975 with Hayat & Agarwal

Neocharitopus 1975 with Hayat & Agarwal

Paraspidiotiphagus 1956

Prochiloneuroides 1975 with Hayat & Agarwal

Proleuroceraoides 1975 with Shafee & Agarwal

Pseudanasius 1975 with Hayat & Agarwal

Pseudmicroterys 1975 with Shafee & Agarwal

Richardsius 1957

Species

About 130

HONORS (Hymenoptera)

Mashhoodia Shafee 1972

Mashhoodiella Hayat 1972

Shantao Liao

March 6, 2024

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

Shantao Liao, Chinese mathematician (Hengshan, Hunan Province 04 January 1920 – Beijing 06 June 1997)

Proposed the concepts of standard systems of differential equations and obstruction sets

Introduced the concepts of canonical differential equations and minimal distortion sets

Proved that there is always a fixed point under any periodic transformation in the four-dimensional Euclidean space

Introduced the symmetrization method of fibre bundles

Derived a formula for the secondary obstruction class in sphere bundles

Derived a formula for the relative extension and homology classification of the secondary obstruction class

First gave the correct proof of C' closing lemma (1979)

Proposed some conjectures regarding characters and stability of certain systems

Introduced Liao lemma

An existence theorem for periodic orbits. Acta Sci. Natur. Univ. Pekinensis 1-20, 1979

Shiu-Ying Hu

February 29, 2024

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

Shiu-Ying Hu, Chinese botanist (near Suzhou City, Jiangsu Province 1910 – Hong Kong 22 May 2012)

Authored over 160 scientific works

Collected over 30000 specimens

Described 182 new plant species

HONORS

Shiuyinghua Paclt 1962 (Paulowniaceae)

Shiv Ram Kashyap

March 2, 2024

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

Shiv Ram Kashyap, Indian bryologist (Jhelum, Punjab 06 November 1882 – Lahore 26 November 1934)

DESCRIBED HEPATICAE TAXA

Genera

Aitchisoniella 1914

Fysonia 1923

Mindal 1916

Stephansoniella 1914

Sauchia 1916

Sewardiella 1915

Species

Aitchisoniella himalayensis 1914

Asterella mussuriensis

Asterella pathankotensis

Asterella reticulata

Calycularia compacta

Cryptomitrium himalayensis

Cyathodium tuberosum

Fimbriaria gangetica

Fossombronia himalayensis

Metzgeria himalayensis

Notothylas indica

Petalophyllum indicum

Plagiochasma articulatum

Porella denticulata with Chopra

Sauteria spongiosa

Scapania purpurea with Chopra

Sewardiella tubifera 1915

Stephensoniella brevipedunculata

HONORS

Kashyapia Chopra 1975 (Muscī)

Ramiella Stephenson 1921 & *Ramiellona* Michaelsen 1935 (Oligochaeta)

Shreeyansh Prasad Jain

March 1, 2024

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

Shreeyansh Prasad Jain, Indian paleontologist (Moradabad, Uttar Pradesh State 14 August 1937 –

DESCRIBED OSTRACODA GENERA

Kalingella 1976

Tandonella 1978

Vijaiella 1978

HONORS

Jainella Bhatia & Kumar 1979 (Ostracoda)

Shridhar Sarvottam Joshi

March 1, 2024

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

Shridhar Sarvottam Joshi, Indian physical chemist (Pune, Maharashtra 16 October 1898 – 24 July 1984)

Described Joshi effect

With V. Narasimhan. Photoelectric efficiency of iron, cobalt and nickel at different temperatures in the soft x-ray region. *Curr. Science* 9:535-7, 1940

OTHERS

Chairman, Physical Chemistry Section, International Congress on Pure and Applied Chemistry, Munich (1959)

SOME BIBLIOGRAPHY

With R.P. Sanyal. The formation of a water in oil type emulsion by the concentration of the oil phase. *Jour. Phys. Chemistry* 26(5): 481-6, 1922

Viscosity of reversible emulsions. *Trans. Faraday Soc.* 20:512-9, 1925

The decomposition of nitrous oxide in the silent electric discharge. *Trans. Faraday Soc.* 23:227-38, 1927

The decomposition of nitrous oxide in the silent electric discharge. Part II. *Trans. Faraday Soc.* 25: 108-117, 1929

The decomposition of nitrous oxide in the silent electric discharge. Part III. The variation of the current and of the power during the reaction. *Trans. Faraday Soc.* 23: 118-28, 1929

The decomposition of nitrous oxide in the silent electric discharge. Part IV. Influence of the addition of foreign gases. *Trans. Faraday Soc.* 25:137-43, 1929

An examination of reactions in ionized gases from the standpoint of Faraday's law. *Trans. Faraday Soc.* 25: 143-7, 1929

With T.S. Narayan. Der einfluss der temperature sul die koagulation von Kolloiden Mangandioxyd. *Kolloid Z.* 59:335-6, 1932

"Zonal effect" in the slow coagulation of colloid arsenious sulphur. *Bull. Chem. Soc. Japan* 12:145, 1937

With P.V. Jagannatha Rao. Zonal effect and antinormal change of opacity during the slow coagulation of colloid manganese dioxide. *Phys. Berichte* 19:418, 1938

With D.N. Solanki. The influence of temperature on the electrical conductivity and viscosity of aqueous mercuric chloride. *J. Ind. Chem. Soc.* 18:627, 1940

With K. Srinivasan. Electrochemical preparation of sodium chloride from aqueous solution. *J. Ind. Chem. Soc.* 18, 1941

With G.S. Desmukh. An effect of light in gases under electrical discharge. *Nature* 147 (3739): 806, 1941

With P.G. Deo. A light effect in chlorine under electrical discharge: influence of the intensity and frequency. *Nature* 151 (3837): 561, 1943

With P.G. Deo. Light effect in chlorine under electrical discharge: influence of the gas pressure. *Nature* 153: 434-5, 1944

Light effect in chlorine under electrical discharge: change of the wave form due to irradiation. *Nature* 154: 147, 1944

With K.Z. Lad. Non-occurrence of the light effect in high frequency conduction at low potentials. *Proc. Ind. Acad. Sci.* 22 A: 293, 1945

With G. S. Desmukh. Interaction of nitrous oxide and hydrogen in the silent discharge. *Nature* 155: 483, 1945

Threshold potential, conductivity and course of chemical change under electrical discharge. *Curr.Sci.* 15:281, 1946

Shu Yen Lin

March 6, 2024

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

Shu Yen Lin, Chinese ichthyologist and fisheries biologist (Hainan 10 August 1903 – 1974)

DESCRIBED VALID PISCES TAXA

Genera

Discogobio 1931

Miichthys 1938

Procypris 1933

Rectoris 1935

Tanichthys 1932

Species

Acheilognathus lanchiensis 1936 with Herre

Acrossocheilus clivosius 1935

Acrossocheilus rendahli 1931

Aphyocypris arcus 1931

Atrilinea macrops 1931

Chrysiptera chengi 1934

Cobitis arenae 1934

Discogobio tetrabarbatus 1931

Hemibarbus umbifer 1931

Glyptothorax pallozonus 1934

Lefua sayu 1936 with Herre

Liniparhomaloptera disparis 1934

Neosalanx argentea 1932

Onychostoma barbatum 1931

Onychostoma rarum 1933

Pennahia pawak 1940

Platysmacheilus exiguus 1932

Procypris mera 1933

Rectoris mutabilis 1933

Rectoris posehensis 1935

Sillago megacephalus 1933

Siniperca fortis 1932

Tanichthys albonubes 1932

Tor zonatus 1935

Toxabramis hoffmanni 1934

HONORS

Liniparhomaloptera Fang 1935 (Pisces)

LINKS

<http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>

Shyam Lal Kalla

March 2, 2024

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

Shyam Lal Kalla, Indian mathematician in Kuwait (Jodhpur, 04 January 1938 –

Authored over 370 research papers and 4 books and monographs

Eponym of Kalla theorem

CONTRIBUTIONS

On a generalized finite Hankel transform, *Applied Mathematics and Computation*, 190(1):705–11, 2007

On a unified mixture distribution, *Applied Mathematics and Computation* 182(1):325–32, 2006

On a generalized mixture distribution, *Applied Mathematics and Computation* 169(2): 943–52, 2005

A generalization of beta-type distribution involving ω -Lauricella function in several variables, *Integral Transforms and Special Functions* 16(8):691–705, 2005

Solution of Volterra-type integro-differential equations with a generalized Lauricella confluent hypergeometric function in the kernels, *International Journal of Mathematics and Mathematical Sciences* 8:1155–70, 2005

Some results on a generalized ω -Jacobi transform, *International Journal of Mathematics and Mathematical Sciences* 63:3379–87, 2004

An embedding theorem of Sobolev type, *Integral Transforms and Special Functions* 15(4):369–74, 2004

A series approximation for disk galaxies by means of the Epstein-Hubbell integral, *Mathematical and Computer Modelling* 40(5-6): 611–26, 2004

On a fractional generalization of the free electron laser equation. *Applied Mathematics and Computation* 143(1):89–97, 2003

A generalization of beta-type distribution with Y -Appell function, *Integral Transforms and Special Functions* 14(4):321–32, 2003

A generalized beta function and associated probability density. *International Journal of Mathematics and Mathematical Sciences* 30(8):467–78, 2002

A unified form of gamma-type distributions, *Applied Mathematics and Computation* 118(2-3):175–87, 2001

A generalized inverse gaussian distribution with τ -confluent hypergeometric function, *Integral Transforms and Special Functions* 12(2):101–14, 2001

On a generalized fractional intero-differential equation of Volterra-type, *Integral Transforms and Special Functions* 9(2):81–90, 2000

Multiplication theorems for generalized and double-index Bessel functions, *Journal of Computational and Applied Mathematics* 118(1-2):143–50, 2000

On a generalized secant integral, *Radiation Physics and Chemistry* 59(3):281–5, 2000

A time dependent model for the transport of heavy pollutants from ground-level aerial sources, *Applied Mathematics and Computation* 105(1):91–9, 1999

A fractional integro-differential equation of Volterra type. *Mathematical and Computer Modelling*, 28(10):103–13, 1998

A partial differential equation related to a problem in atmospheric pollution, *Mathematical and Computer Modelling*, 28(12):1–6, 1998

Solution of a diffusion of dust problem in terms of hypergeometric functions, *Mathematical and Computer Modelling*, 26(3):87–93, 1997

A generalized gamma distribution and its application in reliability, *Communications in Statistics – Theory and Methods*, 25(1):201–10, 1996

Some generalised radiation field integrals, *Computers & Mathematics with Applications* 32(12):121–8, 1996

Asymptotic formulas for generalized elliptic-type integrals. *Computers & Mathematics with Applications*, 32(4):49–55, 1996

Algorithms for the approximation of the generalized Hubbell rectangular source integrals, *Radiation Physics and Chemistry*, 43(5):497–502, 1994

On a new approach to convolution constructions. *Intern. J. of Mathematics and Math. Sci.*, 16(3):435–48, 1993

A certain family of infinite series associated with Digamma functions, *J. Mathematical Analysis and Applications*, 159 (2):361–72, 1991

LINKS

http://www.math.bas.bg/~fcaa/volume11/fcaa112/Kalla_CV.pdf

Siddarth Kumar Khetarpal

March 2, 2024

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

Siddarth Kumar Khetarpal, Indian pediatrician and neonatologist (12 October 1934 –

Discovered Chandra-Khetarpal syndrome

Levocardia with bronchiectasis and paranasal sinus abnormalities. Indian J. Pediatr. 30:78-80, 1963

SOME BIBLIOGRAPHY

With H. Singh, H.L. Gupta & R.S. Sethi. Cardiac achalasia in childhood. Postgrad. Med. J. 45:327, 1969

Alcaligenes faecalis septicemia in the newborn. Clin. Pediatr. 3:108-10, 1964

Electro retinographic changes in undernourished children. Br. J. Ophthalm. 48:154-7, 1964

With G.S. Sarin. Gargoylism: a study of four cases. Ind. J. Pediatr. 31:21-3, 1964

With V.V. Subrahmanyam. Sclerema neonatorum: a study of 17 cases. Ind. J. Pediatr. 31:8-13, 1964

Electro-retinography in normal children. Ind. J. Pediatr. 30:151-3, 1963

With R.K. Chandra. Hyaline membrane disease. Ind. J. Pediatr. 30:115-7, 1963

With R.K. Chandra. Ventricular tachycardia in children. Ind. J. Pediatr. 30:1, 1963

With O.P.Ghai. Eosinophilic peritonitis. Indian J. Child Health 11:568-71, 1962

With R.K. Chandra & O.P.Ghai. Spinocerebellar degenerations. Ind. J. Pediatr. 29:355-8, 1962

With R.K. Chandra. Scaphocephalosyndactyly. A case report. Indian J. Child Health 11:452-3, 1962

Sidney Henry Haughton

February 29, 2024

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

Sidney Henry Haughton, English-born South African geologist and paleontologist (Bethnal Green, London 07 May 1888 – Johannesburg 24 May 1982)

Authored 209 papers, 339 abstracts, 7 books and 13 geological maps

Discovered Ornithiscian dinosaurs (1924)

DESCRIBED FOSSIL GENERA

Reptilia

Aelurognathus 1924

Akidnognathus 1918

Brachypareia 1929

Bradysuchus 1929

Chasmatosaurus 1924

Chelyrhynchus 1917

Chiwetasaurus 1928

Choerosaurus 1929

Cynidiognathus 1929

Dixeya 1928

Dolichopareia 1929

Eoarctops 1929

Erythrochampsia 1924

Galesuchus 1915

Glochinodontoides 1924

Gorgonognathus 1915

Hipposaurus 1929

Kangnasaurus 1915

Koalemasaurus 1929

Lycaenodontoides 1929

Lycorhinus 1924

Macroscelosaurus 1918

Melanorosaurus 1924

Moschosaurus 1915

Myosaurus 1917

Nochelesaurus 1929

Pachytegos 1932

Pareiasuchus 1913 with Broom

Platycheloides 1928

Platyoropha 1929

Prolystrosaurus 1917

Sphenosuchus 1915

Stenaulorhynchus 1932

Struthiocephalus 1932

Styracocephalus 1929

Sycosaurus 1924

Tangasaurus 1924

Trochosaurus 1915

Whaitsia 1918

Amphibia

Eoxemopoides 1931

Kestrosaurus 1926

Laccosaurus 1926

Microposaurus 1926

Mammalia

Griquatherium 1922

Notohipparion 1932

Orthoptera

Archaeogryllodes 1924

Striatotegmen 1924

Pisces

Ischnolepis 1934

Coelenterata

Gakarasia 1962

HONORS (Fossil)

Haughtonileberis Dingle 1969 (Ostracoda)

Haughtonaster Rilett 1971 (Echinodermata)

Haughtoniana Boonstra 1938 (Reptilia)

Siguang Li

March 6, 2024

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

Siguang Li (Lee, J.S.), Chinese geophysicist, paleontologist, sismologist and glaciologist (Huanggang, Hubei Province 26 October 1889 – Beijing 29 April 1971)
Nee Zhongkui Li from Mongolian ancestry

- Authored over 80 papers
- Coined the term geological mechanics (1940s)
- Established the concept of Tectonic system
- Pointed out that tectonic stress and its variation have tight relationship with earthquake (1973-4)

DESCRIBED FOSSIL GENERA

Trilobita

- Archaeuloma* 1978
- Daopingia* 1978
- Eomalungia* 1978
- Fandianaspis* 1978
- Grabauina* 1924
- Guangyuania* 1978
- Guizhouanomocare* 1978
- Longmenshania* 1978
- Paraichangia* 1978
- Paranomocare* 1973 with Yin
- Parawutingaspis* 1978
- Pseudobirmanites* 1978
- Pseudowutingaspis* 1978
- Runnania* 1978
- Saimixiella* 1978
- Shangsiaspis* 1978
- Tiangzhushania* 1978 with Yin
- Wudangia* 1978
- Xinanocephalus* 1978
- Xiushanopsis* 1978
- Zhenpingaspis* 1978

Protozoa

- Boultonia* 1928
- Colania* 1934
- Eoverbeekina* 1934
- Fusiella* 1930 with Chen
- Lepidolina* 1934
- Nankinella* 1934
- Ozawaina* 1927
- Pisolina* 1934
- Sphaerulina* 1934
- Yangchienia* 1934

HONORS

Leella Dunbar & Skinner 1937 (Fossil Foraminifera)

Leecyaena Young & Liu 1948 (Fossil Mammalia)

Lisiguangite Yu, Cheng & Ma 2009 (Mineral)

Asteroid Lisiguang 137039

Silvina Menu Marque

April 9, 2024

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

Silvina Adela Menu-Marque Giudici, Argentine zoologist and limnologist (fl. 1970)

DESCRIBED NEW TAXA

PISCES

Genus

Bullockia 1978 with Arratia, Chang and Rojas

Species

Silvinichthys mendozensis 1978 with Arratia, Chang & Rojas

Trichomycterus duellmani 1984 with Arratia

Trichomycterus roigi 1984 with Arratia

CRUSTACEA

Genus

Karunkina 2002

Species

Boeckella antiqua 2000 with Balseiro

Boeckella diamantina 1994 with Rodríguez Zuñiga

Diacyclops andinus 2001 with Locascio de Mitrovich

Halicyclops ramirezi 2007 with Sorarrain

Karunkina fueguina 2002

HONORS

Silvinichthys Arratia 1998 (Pisces)

Silvio Machado

April 9, 2024

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

Silvio Machado, Brazilian mathematician (Porto Alegre 02 September 1932- Rio de Janeiro 28 July 1981)

With L. Nachbin & J.B. Prolla proved that the polynomials of finite type from a real locally convex space into another are dense in the space of all continuous function with the compact open topology

Enunciated Bishop-Machado theorem

On Bishop's extension of the Stone-Weierstrass theorem. Indag. Math. 39:218-224, 1977.

Eponym of Machado lemma and Prolla-Machado condition

SOME BIBLIOGRAPHY

Aproximação ponderada em fibrados vetoriais. An. Acad. Bras.

Weighted Grothendieck subspaces. Trans. AMS 186

With J.B. prolla. An introduction to Nachbin spaces

With I. Nachbin & J.B. Prolla. Weighted approximation, vector fibrations and algebras of operators. J. Math. Pures Appl. 50:299-323, 1971

On Bishop's generalization of Weierstrass-Stone theorem. Indag. Mathem. 39:218, 1977

Sisir Kumar Mitra

April 9, 2024

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

Sisir Kumar Mitra, Indian radio astronomer (Calcutta 24 October 1890 – Calcutta 13 August 1963)

ACHIEVEMENTS

First to obtain experimental evidence for E layer of the ionosphere (1930)

Located C and D layers of ionosphere in With P. Shyam. Absorbing layer of the ionosphere at low height. Nature 135:953-4, 1935

Determined that ions in the F ionosphere's layer caused luminescence of the night sky

Explained Appleton ionization anomaly

Published Upper Atmosphere, basic reference for researches in this area (1947)

Papers in Nature

With H. Rakshit. Refraction of light waves by electrons. Nature 123:796-9, 1929

With H. Rakshit, P. Shyam et al. Effect of solar eclipse on ionosphere. Nature 132:442-3, 1933

Origin of the E-layer of the ionosphere. Nature 142:914-5, 1938

Active nitrogen and $N^+_2(X)$ ions. Nature 154:1212-3, 1944

Energy imparted by active nitrogen. Nature 155:831, 1944

Variations in the after-glow brightness of active nitrogen under varied experimental conditions. Nature 154:576-7, 1944

With M.R. Kundu. Thunderstorm and sporadic E ionisation of the ionosphere. Nature 174:798-9, 1954

HONORS

Mitra crater in Moon

Sohan Lal Jain

March 1, 2024

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

Sohan Lal Jain, Indian paleontologist and helminthologist (06 July 1931 –

DESCRIBED NEW GENERA

Trematoda

Bifurcohaptor 1958

Lepustomum 1953

Mizelleus 1957

Paryphostomum 1952

Thaparocleidus 1952

Fossil Pisces

Indocoelacanthus 1974

Paradapedium 1973

Fossil Aves

Indotriconodon 1983 with Sahni

Pisdurodon 1983 with Sahni

Fossil Reptilia

Barapasaurus 1975 with Kutty et al.

HONORS

Jainus Mizelle, Kritsky & Crane 1968 (Monogenea)

Jainosaurus Hunt, Lockley, Lucas & Meyer 1994 (Fossil Reptilia)

Jainemys Joyce & Bandyopadhyay 2020 (Fossil Reptilia)

Jainium Prasad et al. 2005 (Phytolith)

Soon-Woo Hong

February 29, 2024

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

Soon-Woo Hong, South Korean microbiologist (Gangneung City 01 January 1927 – 1988)

SOME BIBLIOGRAPHY

With Y.C. Hah & K.S. Kwon. Location and biosynthetic regulation of endo 1, 4 beta-glucanase in *Aspergillus nidulans*. Microbios 54(220-1):149-56, 1988

With Y.C. Hah & Y.H. Rhee. Relative contributions of fungi and bacteria to soil carboxymethylcellulase activity (1987)

With H.M. Park, J.M. Jeong, Y.C. Hah & C.N. Seong. Interspecific protoplast fusion of *Trichoderma koningii* and *Trichoderma reesei*. Korean J. Microbiol. 24:91-7, 1986

With J.C. Yoo & H.C. Hah. Quantitative analysis of tubercidin in *Streptomyces tubercidus* cultures by high pressure liquid chromatography. J. Liq. Chromatogr. 7:151-8, 1984

With Y.C. Hah & H.M. Park. The conidial protoplast fusion of cellulolytic fungus, *Trichoderma koningii*. Korean J. Microbiol. 22:207-13, 1984

With Y.C. Hah & M.H. Kim. Isolation of infectious pancreatic necrosis virus from goldfish (*Carassius auratus*) and chum salmon (*Oncorhynchus keta*) in Korea. Korean J. Microbiol. 22(2):85-90, 1984

With Y.C. Hah & H.B. Oh. Isolation and characterization of bacterial pathogens from eels (*Anguilla japonica*) cultured in Korea. Korean J. Microbiol. 22(1):41-8, 1984

With H.K. Song & Y.C. Hah. Ammonia oxidation activity of nitrifying bacteria and effect of some environmental factors. Korean J. Microbiol. 21(2):79-85, 1983

With K.S. Bae & Y.C. Hah. Isolation and identification of detergents degrading bacteria in the Han River (Korea R.) downstream. Korean J. Microbiol. 20(2):98-104, 1982

With Y.C. Hah. Purification and properties of carboxymethylcellulases from *Aspergillus nidulans*. Korean J. Microbiol. 18:133-47, 1980

With K.H. Byun, H.E. Han & Y.C. Hah. Bioconversion of furfural into 2-furoic acid by *Zooglea* sp. Korean J. Microbiol. 17(4):193-7, 1980

With H.E. Han & Y.C. Hah. Symbiotic degradation of furfural by some bacteria. Korean J. Microbiol. 17, 1980

With Y. K. Choi. Isolation and identification of some *Azotobacterium* in Korea (1974)

The biochemical constituents and their changes during the fermentation of takju mashes and takju. Korean J. Microbiol. 8:107-115, 1970

With M.J. Lee & I.K. Lee. On the studies of chemical components and its relationship to the phylogeny of algae. Seoul University Journal (1961)

On the relationship between chemical characteristics and systematics of some marine algae (1958)

HONORS (Bacteria)

Hongiella Yi & Chun 2004

Soonwooa Joung, Song, Lee, Oh, Joh & Cho 2010

Hongsoonwoonella Lee, Kim, Yang, Byeon & Kim 2021

Sudhanshu Kumar Jain

March 1, 2024

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

Sudhanshu Kumar Jain, Indian ethnobotanist (Amroha, Uttar Pradesh State 30 June 1926 –

Authored 325 papers and 43 books on taxonomy, ethnobotany, economic botany, conservation and medicinal plants

DESCRIBED PLANTAE TAXA

Species

Arthraxon junnarensis 1971 with Hemadri

Arthraxon raizadae 1972 with Hemadri & Deshpande

Coelogyne hitendrae 1978 with Das

Coelogyne raizadae 1978 with Das

Coelogyne schultesii 1978 with Das

Enteropogon coimbatorensis 1977 with Nair & Nayar

Garnotia normanii 1979 with Prakash

Glyphochloa mysorensis 1969 with Hemadri

Glyphochloa santapau 1969 with Deshpande

Hedychium pynursulaeanum 1986 with Srivastava

Isachne swaminathanii 1983 with Prakash

Others

1 form, 1 subspecies and 5 varieties

HONOURS

President, International Society of Tropical Ecology

Harshberger Medal (1992)

W. Carey Medal (2006)

Distinguished Economic Botanist Award, United States (first Asian to receive it) 1999

Genus *Jainia* N.P. Balakrishnan 1980 (Rubiaceae)

Sudhanshu Shekhar Jha

March 1, 2024

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

Sudhansu Shekhar Jha, Indian physicist (Vijay Nagar, Bihar 25 December 1940 –

Authored over 150 articles

Performed pioneering work on time-dependent conductivity of nonequilibrium carriers and calculations of optical nonlinearities in bulk semiconductors and insulators

Predicted theoretically the optical second-order nonlinearity at metal and semiconductor surfaces

Formulated a generalized pairing theory of superconductivity in high T_c layered materials

With G.S. Kino. A variational technique for determining the propagating modes of a finite plasma. Jour. Electr. Control 14:167-85, 1963

With B.S. Shastri & A.K. Rajagopal. New self-consistent quasi-static approximation for screening and plasma dispersion in the electron gas. Phys. Rev. B9:2000-3, 1974

With L.K. Chavda. Approximate solution for spherical implosions of coalesced weak shocks in a plasma. Phys. Rev. A15:1289-96, 1977

Suhayl Jabbur

March 1, 2024

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

Suhayl Jibra'il Jabbur, Lebanese neurophysiologist (Beirut 17 June 1931 –

Authored 107 papers and 17 book chapters

Discovered spinal-brainstem-spinal loop involved in the modulation of pain

Showed that descending motor information in the central nervous system is continuously interacting with ascending sensory information at all central levels (1970s)

With M. Bitar, N.E. Saadé & N.R. Banna showed that both presynaptic and postsynaptic inhibitory mechanism existed within the dorsal column nuclei (1981)

With S.F. Atweh & N.E. Saadé first suggested that diazepam (Valium) acted on GABA receptors in the central nervous system producing presynaptic inhibition at axo-axonic synapses

With N.E. Saadé, J.J. Chidiac et al. A perfusion technique for the determination of pro-inflammatory mediators by intradental application of irritants. J. Pharmac. Toxic. Methods 46:125-30, 2002

LINKS

<http://www.suhayl-jabbur.com/>

Sunder Lal Hora

February 29, 2024

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

Sunder Lal Hora, Indian ichthyologist (Hafizabad, Punjab 02 May 1896 – Calcutta 08 December 1955)

Authored over 400 scientific papers on ecology, ichthyology, fisheries and biogeography

DESCRIBED VALID PISCES TAXA

Genera

Amblyotrypauchen 1924

Annamia 1932

Beaufortia 1932

Bhanotia 1926

Bhavana 1920

Conta 1950

Erethiptoides 1950

Myersglanis 1952 with Silas

Osteochilichthys 1942

Parapsilorhynchus 1921

Platytrapius 1937

Proeutropiichthys 1937

Protomyzon 1932

Sewellia 1932

Travancoria 1941

Vanmanenia 1932

Species

88

HONORS

Horaella Donner 1949 (Rotifera)

Horabagrus Jayaram 1955 (Pisces)

Horadandia Deraniyagala 1943 (Pisces)

Horadetia Deraniyagala 1943 (Pisces)

Horaglanis Menon 1950 (Pisces)

Horaichthys Kulkarni 1940 (Pisces)

Horabiosia Silas 1954 (Pisces)

Horaia Tonnoir 1930 (Diptera)

Horaella Tonnoir 1933 (Diptera)

Sung Ki Lee

March 6, 2024

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

Sung Ki Lee (as well as Sung Gi Ri or Sung-gi Yi), Korean chemist (Damyang, South Jeolla Province 01 October 1905 – 08 February 1996)

Authored 48 papers

With Japanese I. Sakurada & H. Kawakami developed vinylon synthetic fiber (1939) that patented in 1941

Invented high explosives for North Korea artillery (Lee Sung Ki cannons)

Developed methods of dyeing synthetic fibers

Sushil Kumar Mukherjee

April 9, 2024

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

Sushil Kumar Mukherjee, Indian agricultural chemist (Barisal, Bengal 13 October 1914 – Kolkata 18 November 2006)

Authored over 200 research papers

Suggested potentiometric titration of clays with tetramethylammonium hydroxide in the presence of its salts

Proposed non-equivalence of binding sites

Applied the concept of Donnan equilibrium for the determination of ion activity in colloidal clays

Reported that metal ions exchanged followed the order $\text{Cu}^{2+} > \text{Mn}^{2+} > \text{Zn}^{2+}$

Showed that non-ionic organic molecules of polar character could be absorbed on its basal plane surfaces

Demonstrated the usefulness of viscosity measurements in estimation of the predominant clay mineral in artificial mixtures or soils

Established that all humic fractions exhibited a peak at 465 nm using fluorescence excitation spectroscopy

Demonstrated that clay bound with humus is much more resistant to microbial attack than humus alone

Laid the foundation for the development of macromolecular structures of humic substances

DEVELOPED

A membrane with semiconducting properties under C.E. Marshall in United States

KCl-KOH method to determine the exchange capacity of clays

HONOURS

Honorary Member, International Union of Soil Science (1966)

LINKS

http://www.insaindia.res.in/BM/BM32_0708.pdf

Sydney Samuel Hough

February 29, 2024

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

Sidney Samuel Hough, English mathematician and astronomer in South Africa (Stoke Nevington 11 June 1870 – Chingford 08 July 1923)

ACHIEVEMENTS

Authority on celestial mechanics

First to derivate Taylor-Proudman theorem (1897)

Created Hough functions (1898)

See http://assa.sao.ac.za/html/his-astr-hough_ss.htmSee http://assa.sao.ac.za/html/his-astr-hough_ss.html.

Syed Hamid Mahmood

April 9, 2024

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

Syed Hamid Mahmood, Pakistani entomologist (1924 –

DESCRIBED HEMIPTERA GENERA

Baguoidea 1967

Bakera 1967

Banosa 1967

Basilana 1967

Benglebra 1969 with Ahmed

Bengueta 1967

Dapitana 1967

Dayas 1967

Elbelus 1967

Guinobata 1967

Hardiana 1967

Hussainiana 1969 with Ahmed

Imugina 1967

Kidraneuroidea 1967

Makilingana 1967

Mindanaoa 1967

Pemoasca 1967

Penangiana 1967

Pruthius 1967

Qadria 1967

Quercinirvana 1970 with Ahmed

Rabiana 1967

Ratbura 1967

Sandalla 1967

Sandanella 1967

Serratulus 1967

Singapore 1967

Singhardina 1967

Thailocyba 1967

Thailus 1967

Thampoa 1967

HONORS

Mahmoodia Dworakowskia 1969 (Hemiptera)

Syed Qasim Mehdi

April 9, 2024

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

Syed Qasim Mehdi, Pakistani geneticist and molecular biologist (Lucknow 13 February 1941 – Lahore 28 September 2016)

His discoveries have shown eight new mutations in the tumour suppressor gene p53 in breast cancer patients, four new genetic loci responsible for night blindness and new genes responsible for non-syndromic deafness and microphthalmia in Pakistani families (until 1998)

CONTRIBUTIONS (7,745 citations)

With D.M. Walsh, S.H. Shah, M.A. Simpson, N.V. Morgan et al. A novel ABCA12 mutation in two families with congenital ichthyosis. *Scientifica* (2012)

With S. Khaliq, A. Abid, D.R.A. White, C.A. Johnson et al. Mapping of a novel type III variant of Knobloch syndrome (KNO3) to chromosome 17q112. *Amer. J. Med. Genetics Part A* 143(23):2768-74, 2007

With A. Mihyuddin, Q. Ayub, P.A. Underhill & C.Tyler-Smith. Detection of novel Y SNPs provides further insights into Y chromosomal variation in Pakistan. *J. Human Genetics*. 51(4):375-8, 2006

With A. Abid, M. Ismail & S. Khaliq. Identification of novel mutations in the SEMA4A gene associated with retinal degenerative diseases. *J. Med. Genetics* 43(4):378-81, 2006

With T. Forshew, S. Khaliq, L. Tee, U. Smith et al. Identification of novel TYR and TYRP1 mutations in oculocutaneous albinism. *Clinical Genetics* 68(2):182-4, 2005

With S. Khaliq, A. Abid, M. Ismail, A. Hameed et al. Novel association of RP1 gene mutations with autosomal recessive retinitis pigments. *J. Med. Genetics* 42(5):436-8, 2005

With S. Khaliq, A. Hameed, M. Ismail, K. Anwar et al. A novel locus for autosomal dominant nuclear cataract mapped to chromosome 2p12 in a Pakistani family. *Invest. Opth. Vis. Sci* 43(7):2083-7, 2002

With S. Khaliq, A. Hameed, M. Ismail et al. A gene for nonsyndromic persistent hyperplastic primary vitreous maps to chromosome 10q11-21 in a Pakistani family. *Invest. Opth. Vis. Sci* (2001)

With A. Hameed, S. Khaliq, M. Ismail & K. Anwar. A novel locus for autosomal dominant nuclear cataract mapped to chromosome 2p12-2q13 in a Pakistani family. *Am. J. Hum. Genet.* 69(4):508, 2001

With S. Khaliq, A. Hameed, M. Ismail, K. Anwar et al. Novel locus for autosomal recessive cone-rod dystrophy CORD8 mapping to chromosome 1q12-q24. *Invest. Opth. Vis. Sci* 41(12):3709-12, 2000

With S.S. Bhattacharya, S. Khaliq, A. Hameed, A.M. Payne et al. A new locus for autosomal recessive cone-rod dystrophy mapping to chromosome 1q12-24. *Invest. Opth. Vis. Sci* 41(5):195, 2000

With A.M. Payne, S. Khaliq, A. Hameed, M. Ismail et al. A new locus for autosomal recessive retinitis pigmentosa mapping to chromosome 4q32-34. *Invest. Opth. Vis. Sci* 41(4):194, 2000

With Q. Ayub, A. Mihyuddin, R. Qamar, K. Mazhar et al. Identification and characterization of novel human Y-chromosomal microsatellites from sequence database information. *Nucleic Acids Research* 28(2), 2000

With D.A.R. Bessart, S. Khaliq, A. Hameed, K. Anwar et al. Several autosomal dominant retinitis pigmentosa caused by a novel rhodopsin mutation (Ter 349Glu). *Human Mutation* 13(1):83, 1999

With A. Hameed, S. Khaliq, M. Ismail, N.D. Ebenezer et al. A novel locus for Leber congenital amaurosis (LCA) with anterior keratoconus mapping to chromosome 17p13. *Am. J. Hum. Genet.* 65(4):253, 1999

Syed Zahir Haider

February 29, 2024

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

Syed Zahir Haider, Pakistani chemist (Dhaka, Bangladesh 01 September 1927 – 23 August 2008)

Authored over 250 papers

Developed methods for synthesis of borate complexes, organoboric compounds, zircon, niobium, tantalum and antimony phosphates

Developed new methods for determination of borate and phosphate compounds in complex mixtures

Established tetragonal unit of niobium oxyphosphate by x-rays diffraction

Synthesized new inorganic ion-exchangers

Observed the explosive properties and germicides of organoboric compounds

T. Habibi

February 29, 2024

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

T. Habibi, Iranian female arachnologist (fl.1971)

Authored Liste de scorpions de l'Iran. Bull. Fac. Tehran Univ. 2(4):42-7, 1971

HONORS

Habibiella Vachon 1974 (Arachnida)

Ta Shih Hsiung

February 29, 2024

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

Ta Shih Hsiung (Da Shi Xiong), Chinese protozoologist (1900 – ?)

DESCRIBED PROTOZOA GENERA

Alloiozona 1930

Ampullacula 1930

Pingius 1932

Sulcoarcus 1935

Tetradimorpha 1927

HONORS

Hsiungia Kung & Yang 1964 (Nematoda)

Hsiungella Imai 2001 (Protozoa)

Takeshi Imai

February 29, 2024

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

Takeshi Imai, Brazilian inventor (São Paulo 28 February 1941 – March 2013)

Son of Japanese immigrants

BRAZILIAN PATENTS

With R. R. Imai. Processo brasileiro para reduzir nuvens e diminuir chuvas sobre uma região, ou reduzir sistemas de nuvens ocenicas que geram furacões. PI1100007-4 A2 (2011)

With R.R. Imai. Processo de medição de nuvens e precipitação com radar meteorológico, das chuvas naturais e chuvas antrópicas em nuvens semeadas numa região. PI1001899-9 A2 (2010)

With R. R. Imai. Embarcação com flutuadores multi moduláveis para passageiros ou cargas, aplicável em locais rasos e plataformas flutuantes. PI 0904725-5 A2 (2009)

With R.R. Imai. Propulsor motorizado para embarcações, balsas, rebocadores, navios e plataformas flutuantes. PI 0904730-1 A2 (2009)

With R.R. Imai. Variador planetário contínuo de rotação e torque para motores propulsores de veículos automotores e outros fins. PI 0904193-1 A2 (2009)

With R. R. Imai. Motor a combustão de três-tempos. PI 0902093-4 A2 (2009)

Aparelho produtor de gotas de água coletoras de tamanho controlado para produzir chuvas artificiais, promover o crescimento artificial de nuvens e evitar ou modificar os furacões. PI 0702490-8 A2 (2007)

Porta notebook ajustável PI 0702032-5 A2 (2007)

Apoio de antebraço em borda de mesa, ajustável e dobrável PI 0704866-1 A2 (2007)

Processo de captura de gás metano de águas profundas em usinas hidroelétricas, por toldos infláveis flutuantes, integrado com a liquefação criogênica do metano, para transporte fluvial PI 0704259-0 B1 (2007)

Toldo inflável para coleta de gás metano em usinas hidroelétricas PI 0700558-0 A2 (2007)

Toldo coletor de gás e defletores de água para usinas hidroelétricas, para captura do gás metano proveniente das águas profundas PI 0701091-5 A2 (2007) WO 2008086585 A1 (2007)

Processo de captura e aplicação do hidreto gasoso de metano em águas ocenicas, como recurso energético do futuro, para produzir gás metano PI 0605469-2 A2 (2006)

Sistema coletor e desumidificador do gás metano, de águas profundas nos lagos, barragens ou rios, aplicável em usinas hidroelétricas, captações de água para cidades, metrópoles, canais de irrigação e transferência de água PI 0605589-3 A2 (2006)

Apoio para antebraço ajustável para a prevenção e tratamento das lesões nos ante-braços, braços e ombros em decorrência do uso prolongado de computadores PI 0601004-0 A2 (2006)

Produção de chuvas artificiais localizadas nas nuvens estratosféricas polares, para promover uma lavagem por chuva no gás cio, reduzir a destruição da camada de ozônio e um processo de reposição em loco do ozônio estratosférico PI 0506652-2 A2 (2005)

Dispositivo ajustável para fixação de CPUs PI 0507059-7 A2 (2005)

Mecanismo de elevação com acionamento frontal e giro para braços delgados de porta monitores, notebooks, acessórios de computadores e telefonia PI 0501851-0 B1 (2005)

With J. Sakuragi, T. Seguchi & R. Baronchelle. Mecanismo de elevação com acionamento frontal e giro para braços delgados de porta monitores, notebooks, acessórios de computadores e telefonia PI 0501851-0 B1 (2005)

Processo de crescimento artificial de nuvens a partir da umidade do ar circundante e o desencadeamento de chuvas artificiais localizadas, a partir das nuvens produzidas PI 0404087-2 A2 (2004)

Processo de redução, modificação e limpeza dos gases causadores do efeito estufa no planeta, através da aplicação ou produção controlada "in loco" de ozônio e de produtos corretivos na atmosfera, por meio de aeronaves especialmente adaptadas PI 0406090-3 A2 (2004)

Processo para desencadear chuvas artificiais localizadas sobre florestas, para umidificá-las e/ou para apagar incêndios florestais, com aeronaves especialmente adaptadas PI 0404088-0 A2 (2004)

Arvores – flechas : processo para desenvolver aflorestamentos e reflorestamentos em larga escala com o uso de aeronaves PI 0402697-7 A2 (2004)

Equipamento para desencadear a precipitação de chuvas a partir de nuvens convectivas do tipo cumulus, através da pulverização de gotas de água coletoras, de tamanho controlado. PI 0104199-1 B1 (2001)

Carteira escolar com mesa duplamente ajustável PI 0006661-3 A2 (2000)

Porta-monitor com altura e distância ajustável MU 7902636-2 U2 (1999)

Apoio para pés com balanço e altura ajustável com o próprio pé PI 9905296-2 B1 (1999)

Dispositivo para reduzir reflexos e escurecer telas de monitores de computador e aparelhos de tv. PI 9904557-5 A2 (1999)

Tapete para mouse (mouse pad) para microcomputadores com apoio de punho e duas superfícies MU 7602132-7 U2 (1996)

Almofada para apoio de punhos em teclados de micro computador MU 7602133-5 Y1 (1996)

Passagem de nível para veículos, de implantação rápida PI 9604272-9 A2 (1996)

Mesa giratória para micro computador, seus acessórios, terminais, telefones e fax PI 9601925-5 A2 (1996)

Almofada para teclado, mouse, e apoio de punhos para micro computadores PI 9601810-0 B1 (1996)

Dispositivo móvel, elevável e giratório para instalação de micro computadores PI 9601809-7 A2 (1996)

Bicicleta motorizável MU 7600906-8 U2 (1996)

Triciclomotor para transporte individual, de passageiros e de carga PI 9601621-3 A2 (1996)

Motor com sistema de controle eletrônico integrado a um sistema de ignição, injeção de combustível e emissão de som complementar para anular o som do escapamento PI 9601469-5 A2 (1996)

Máquina de locomoção individual portátil PI 9600496-7 (1996)

Cadeira de rodas dobrável e tracionável PI 9504966-5 B1 (1995)

Quadro de bicicleta montado com luvas e tubos colados MU 7500878-5 U2 (1995)

Processo de construção de paredes e tetos com blocos ocos para casas e prédios PI 9500101-8 A2 (1995)

Aparelho para propaganda eleitoral móvel MU 7400539-1 Y1 (1994)

Tambor de freio refrigerado por aletas MU 7300917-2 U2 (1993)

Bicicleta utilitária e cargueira MU 7201806-2 U2 (1992)

Processo de pulverização de soluções aquosas de hipoclorito para o controle de epidemia da cólera PI 9201704-5 A2 (1992)

Triciclo motorizado para entrega de correspondência MU 7200392-8 U2 (1992)

Capacete protetor para pulverização MU 7101841-7 U2 (1991)

Pulverizador de dupla finalidade MU 7100766-0 U2 (1991)

Triciclo motorizado de tração dianteira MU 7000728-4 U2 (1990)

Bico descartável de pistola injetora hipodérmica sem agulha PI 8904088-0 A2 (1989)

Disco descartável auto adesivo para aplicação de vacinas e medicamentos com pistolas injetoras hipodérmicas sem agulha PI 8904089-9 A2 (1989)

Sistema de acionamento de pistola injetora hipodérmica sem agulha MU 6901285-7 U2 (1989)

Processo de cruzamento de ruas e avenidas em desnível PI 8802737-6 A2 (1988)

Passarela pré-moldada para pedestres MU 6801189-0 U2 (1988)

Sistema de produção de casa popular monobloco MU 6702898-5 U2 (1987)

Método de integração de pedestre com meio de transporte coletivo e/ou meio de transporte individual PI 8706353-0 A2 (1987)

Máquina de andar MU 6702503-0 U2 (1987)

Refletor descartável para luminárias fluorescentes MU 6700563-2 (1987)

Mecanismo para levantamento articulado de barras pulverizadoras MU 6602176-6 U2 (1986)

Pulverizador agrícola de tração acoplado entre implementos do trator MU 6600748-8 U2 (1986)

Motor auxiliar para propulsão de bicicleta PI 8302292-9 A2 (1983)

Véhicule individuel pour le transport de personnes EPO 0064141 A1 (1982)

Veículo para deslocamento individual de porta a porta PI 8101474-0 A2 (1981)

PI 8100006-5 (1981)

Dispositivo de secagem de carvão MU 6100001-9 U2 (1981)

PI 8008639-0 (1980)

PI 8008640-3 (1980)

MU 6001161-0 (1980)

PI 8005634-2 (1980)

MU 6001149-1 (1980)

PI 8001328-7 (1980)

MU 6000200-0 (1980)

PI 8001044-0 (1980)

Aperfeiçoamento em coluna de destilação do álcool PI 7905284-3 A2 (1979)

PI 7905285-1 (1979)

PI 7905283-5 (1979)

MU 5901071-1 (1979)

PI 7905138-3 (1979)

PI 7905137-5 (1979)

PI 7905136-7 (1979)

PI 7904946-0 (1979)

PI 7904825-0 (1979)

Developed a spray for coffee plants rust (1971)

Tan Sin Hok

February 29, 2024

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

Tan Sin Hok, Indonesian micropaleontologist (Tjipadang, Java 28 March 1902 – Bandung 01 December 1945)

FAMILIES DESCRIBED

Discoasteraceae 1927 (coccoliths)

Miogypsinidae 1936 (Fossil Foraminifera)

GENERA DESCRIBED

Eudiscoaster 1927 (coccolith)

Heliodiscoaster 1927 (coccolith)

Hemidiscoaster 1927 (coccolith)

Cenolarcopyle 1928 (Fossil Radiolaria)

Discoaster 1931 (nannoliths)

Katacycloclypeus 1932 (Fossil Foraminifera)

Radiocycloclypeus 1932 (Fossil Foraminifera)

Helicocyclina 1936 (Fossil Foraminifera)

Helicolepidinoides 1936 (Fossil Foraminifera)

Eolepidina 1939 (Fossil Foraminifera)

EPONYMY

Tansinhokella Banner & Hodgkinson 1991 (Fossil Foraminifera)

Tansinius Filipesu & Hanganu 1960 (Calcareous nannofossil)

Tao Chiuh Hsu

February 29, 2024

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

Tao Chiuh Hsu, Chinese / US cytogeneticist (Shaoxing, Zhejiang 17 April 1917 – Houston, Texas 09 July 2003)

Authored over 300 articles

Determined accurate haploid chromosome number of man and characterized the human karyotype beyond discovering the hypotonic chromosome spreading technique

Mammalian chromosomes in vitro – the karyotype of man. J. Heredity 43:167-72, 1952

Discovered C-banding technique to demonstrate constitutive heterochromatin

With F.E. Arrighi. Localization of heterochromatin in human chromosomes. Cytogenetics 10:81-6, 1971

Patented G banding of plant chromosomes Number 4596089 (1986)

HONORS

Hsunycteris Parlos, Timm, Swier, Zeballos & Baker 2014 (Mammalia)

Tauchien Hou

February 29, 2024

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

Tauchien Hou or Taoqian Hou, Chinese agricultural entomologist (fl.1964)

DESCRIBED LEPIDOPTERA TAXA

Species

Cosmotriche chensiensis 1987

Dendrolimus evelyniana 1992 with Wang

Dendrolimus huashanensis 1986

Dendrolimus kwangtungensis 1976

Dendrolimus marmoratus 1976

Dendrolimus ningshanensis 1976

Dendrolimus qinlingensis 1980 with Tsai

Dendrolimus rubripennis 1986

Dendrolimus xunyangensis 1980 with Tsai

Gastropacha yunxianensis 1992 with Wang

Hoennimnema bimaculata 1980 with Tsai

Hoennimnema kwangtungensis 1976 with Tsai

Hoennimnema omeiensis 1980 with Tsai

Hoennimnema qinlingensis 1986

Kunugia dongchuanensis 1983 with Tsai

Kunugia dukouensis 1980 with Tsai

Kunugia florimaculata 1983 with Tsai

Kunugia funuiensis 1986

Kunugia gilirmaculata 1984

Kunugia glauca 1987

Kunugia hani 1987

Kunugia jianchuanensis 1976 with Tsai

Kunugia tephra 1985

Kunugia wuyiensis 1985

Kunugia xishuangensis 1976

Kunugia yongdensis 1983

Malacosoma betula 1980

Malacosoma liupa 1980

Malacosoma tibetana 1982

Megaloxantha porphyreus 1996 with Wu

Sternocera bannaiensis 1996 with Wu

Trichiura sanweiensis 1992 with Wang

Subspecies

Cosmotriche inexperta kunmingensis 1984

Cyclophragma ampla xishuangensis 1976 with Tsai

Dendrolimus kikuchii hainanensis 1980 with Tsai

Kunugia brunnea funuiensis 1986

Kunugia fulgens jianchuanensis 1976 with Tsai

Kunugia tamsi taibaiensis 1986

Kunugia tamsi tephra 1985

Metanaestia gemella terminalia 1979 with Tsai

Sternocera aequisignata menghaiensis 1996 with Wu

Teofilo Romulo Isnardi

February 29, 2024

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

Teofilo Romulo Isnardi Leberón, Argentine theoretical physicist (Buenos Aires 15 August 1890 – Buenos Aires 05 January 1966)

ACHIEVEMENTS

Studying in Germany under Walther Nernst, determinated dissociation heat of hydrogen molecule.

Observed that depolarization degree depends on concentration without shape changes

MEMBERSHIP

Permanent Member, Bureau International de Poids et Mesures (1949-1966)

SOME BIBLIOGRAPHY

Determinación de la componente horizontal del campo magnético terrestre en La Plata. Contribución al estudio de Ciencias Físicas y Matemáticas 1(2), 1914

Über die Wärmeleitung in dissoziierten Gasen und über die dissoziation des Wasserstoffes in Atome. Zeitschrift fur Elektrochemie und angewandte Physikalische Chemie 21(17-8):405-17, 1915.

Conductibilidad térmica y disociación del vapor de bromo. Contribución 2(2), 1917

Estudio de las soluciones coloidales – Contrib. 2(5), 1919.

With R. Gans. Die Dampfspannung des festen Broms. Annalen der Physik 366:264-72, 1920.

With R. Gans. Experimentaluntersuchungen an trüben Medien. Annalen der Physik 367:573-88, 1920.

Velocidad del sonido y la relación de los calores específicos de los líquidos – Contribución 3(3), 1923.

Triángulos homológicos – Contrib. 3(5), 1925.

Nuevas ideas en la Teoría de los Electrolitos – An. Asoc. Quim. Arg. 14(74): 193, 1926

Teoría y ensayo de la balanza – Rev. Centro Estudios de Ingeniería 23 (324), 1929.

Sobre las demostraciones intuitivas de la contracción de Lorentz – Revista Centro de Estudios de Ingeniería de la Provincia de Buenos Aires – 29 (329), 1929.

Sur le rapport des chaleurs specifiques Cp/Cv pour les fluides. Journal de Physique 861, 1929.

El tercer principio de la termodinámica y los llamados valores absolutos de la entropía – Chemia 9 (74):5-23, 1939.

Los principios de independencia en la dinámica clásica – Ciencia y Técnica 43 (471): 281, 1941.

La noción de temperatura empírica. Ciencia y Tecnica p.408, 1942

Sobre las definiciones de poder y masa de un polo magnético – Revista Real Academia Ciencias Exactas, Físicas y Naturales. Madrid 48:227, 1954

La disociación del bromo

Contribución al estudio de partículas coloidales no metálicas

HONORS

Isnardia Borrello 1966 (Ichnofossil)

His brother, Hector Francisco Bautista Isnardi Leberón, physicist (Buenos Aires 04 October 1892 – La Plata 15 October 1968)

SOME BIBLIOGRAPHY

Espectroscopia de soluciones (1950)

With R. Gans. The dielectric constant and index of refraction of liquids. Phys. Z. 22:230, 1921

With R. Gans. Die magnetische Suszeptibilitat von Antimon und Wismut. Ann. Phys. 61(4):585-91, 1920

Recherches experimentales sur les milieux troubles (1920)

La constante dielectrica de los liquidos en function de la temperature (1920)

With R. Gans. Studium der magnetischen u optischen Erscheinungen Kolloider Eisenlosungen (1918)

Comportamiento magnético de soluciones coloidales del hierro (1917)

Etude des phenomenes magneto-optiques et magnetiques des solutions de fer colloidal

Thales de Lema

March 6, 2024

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

Thales de Lema, Brazilian herpetologist (Porto Alegre 06 February 1928 – Porto Alegre 10 October 2020)

With S.L.B. Ribeiro & F.M. D'Agostini. A new method to prepare snake scale stratum corneum for epidermatoglyphics analysis using a scanning electron microscope. Com. Museu Cien. Tecnol. PUC-RS Ser. Zool. 18(1):53-6, 2005

DESCRIBED VALID REPTILIA TAXA

Genus

Coronelaps 2010 with Deiques

Species

Apostolepis albicolaris 2002

Apostolepis cerradoensis 2003

Apostolepis christineae 2002

Apostolepis freitasi 2004

Apostolepis kikoi 2018 with Santos, Entiauspe-Neto, Araújo, Souza, Strussmann & Albuquerque

Apostolepis nelsonjorgei 2004 with Renner

Apostolepis roncadori 2016

Apostolepis serrana 2006 with Renner

Apostolepis striata 2004

Apostolepis tertulianoibeui 2004

Apostolepis underwoodi 2017 with Campbell

Calamadontophis ronaldoi 2006 with Franco & Cintra

Contomastix vacariensis 2000 with Feltrin

Phalotris labiomaculatus 2002

Phalotris matogrossensis 2005 with D'Agostini & Cappellari

Phalotris punctatus 1979

Taeniophallus quadriocellatus 2008 with Santos Jr. & Di Bernardo

Tantilla marcovani 2004

Subspecies

Lystrophis dorbignyi chacoensis 1994

Lystrophis dorbignyi orientalis 1994

Lystrophis dorbignyi uruguayensis 1994

Phalotris lemniscatus divittatus 1984

Others

Davidia plumbea 1975 with Oliveira (Pisces)

HONORS

Thalesius Yuki 1993 (Reptilia)

Thales Martins

April 9, 2024

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

Thales Cesar de Padua Martins, Brazilian endocrinologist (Rio de Janeiro 29 September 1896 –Rio de Janeiro 31 July 1979)

ACHIEVEMENTS

Performed original researches on comparative endocrinology and animal psychology

Obtained and assayed testicle interstitial hormone

Demonstrated the hypophysis regulation via gonads

Performed researches about parabiosis independent from Kallas

Performed impacting studies about hormones effect on motor function of genital musculature

Showed repetitious effect of injected extracts from anterior lobe of pituitary in laboratory animals attenuates progressively in time (anti-hormones)

Discovered independently Friedmann reaction (Friedman-Martins test)

With L. Fraenkel demonstrated the presence of corpus luteum in venomous ovoviviparous snakes ovaries

O diagnóstico da gravidez pela pesquisa dos hormônios pré-hipofisários da urina. Modificação da técnica de Aschheim-Zondek. Thesis. Faculdade do Rio de Janeiro, 1930

Test rapide de l'hormone masculine mitoses dans la genitalia accessoire des males castrées. C.R. Soc. Biol. Paris 126:131, 1937

Test rápido para hormônio testicular, baseado na presença de motores na mucosa das vesículas seminais e de próstata (1937)

With J. Carneiro Felipe developed a new process for extracting hormones by absorption (1929) (patented)

With Arnaldo Rocha suggested the existence of a second testicle hormone in mammals (1929) and developed a new test for male hormone that attained international repercussion

With Arnaldo Rocha authored important papers about hormonal regulation on sexual organs

Action des extraits testiculaires sur les vesicules séminales des souris chatrées. C.R. Soc. Biol. Paris 102:485, 1929

Influence de la castration, des greffes et des implantations des gonades sur le lobe antérieur de l'hypophyse. C.R. Soc. Biol. Paris 105:793-4, 1930

La régulation de l'hypophyse par le testicule. Experiences de parabiose. C.R. Soc. Biol. Paris 105:795-6, 1930

A regulação do lobo anterior da hipófise por um hormônio testicular, especialmente sob o ponto de vista morfológico. Mem. Inst. Oswaldo Cruz 25:73-80, 1931

Utilisation des alterations de l'hypophyse, consécutives à la castration, comme test d'une hormone testiculaire. C.R. Soc. Biol. 108:1080, 1931

Tharavat S. Kutty

March 2, 2024

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

Tharavat S. Kutty, Indian paleontologist and stratigrapher (fl.1962)

DESCRIBED FOSSIL REPTILIA TAXA

Genera

Barapasaurus 1975 with Jain, Roy-Chowdhury & Chatterjee

Jaklapallisaurus 2011 with Novas, Ezcurra & Chatterjee

Lamplughsaura 2007 with Chatterjee, Galton & Upchurch

Pradhania 2007 with Chatterjee, Galton & Upchurch

Nambalia 2011 with Novas, Ezcurra & Chatterjee

Species

Barapasaurus tagorei 1975 with Jain, Roy-Chowdhury & Chatterjee

Jaklapallisaurus asymmetrica 2011 with Novas, Ezcurra & Chatterjee

Lamplughsaura dharmaramensis 2007 with Chatterjee, Galton & Upchurch

Nambalia roychowdhurii 2011 with Novas, Ezcurra & Chatterjee

Pradhania gracilis 2007 with Chatterjee, Galton & Upchurch

HONORS

Kuttycephalus Sengupta 1995 (Fossil Amphibia)

Thomas Hohmann

February 29, 2024

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

Thomas Hohmann, Chilean mining engineer (1843 – 1897)

Authored *Mineralojia Americana* in Bol.Soc. Nac. Min. (1891)

Honored in mineral species hohmannite Frenzel 1888

Thomas Maclear

April 9, 2024

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

Thomas Maclear, Irish-born South-African astronomer (Newton Stewart, Tyrone County 17 March 1794 – Cape Town 14 July 1879)

SOME BIBLIOGRAPHY

Verification and extension of La Caille's Arc of Meridian at the Cape of Good Hope (1866)

An account of the fall of a meteoritic stone in the Cold Bokkeveld, Cape of Good Hope. Philos. Trans. Royal Soc. London

Further particulars of the fall of the Cold Bokkeveld meteorite. Philos. Trans. Royal Soc. London

Geography of the Cape: longitude of Graham's Town. S. Afr. Comm. Advertiser (1850)

Catalogue of 4810 stars for the epoch 1850, from observations made at the Royal Observatory at the Cape of Good Hope during the years 1849-52

Published observations of the comet Encke

HONORS

Lalande Medal, Academie Française des Sciences (1867)

Maclear Crater on Moon

LINKS

http://old.assa.saao.ac.za/html/his-astr-maclear_t.html

<http://archive.samj.org.za/1977%20VOL%20LI%20Jan-Jun/Articles/05%20May/3.11%20HISTORY%20OF%20MEDICINE.SIR%20THOMAS%20MACLEAR.SURGEON,%20AND%20HER%20MAJESTY'S%20ASTRONOMER%20AT%20THE%20CAPE,%201849-52.pdf>

Thomas Nicholas Leslie

March 6, 2024

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

Thomas Nicholas Leslie, English-born South African amateur scientist (Nottingham December 1858 – Vereeniging, Gauteng Province 05 September 1942)

Described with Seward the fossil plant taxa *Lepidodendron vereenigingense* & *Glossopteris angustifolia* var. *taeniopteroides* 1908

BIBLIOGRAPHY

BOTANY/PALAEOBOTANY

Rare Karroo plants and their cultivation. S. Afr. J. Nat. Hist. 6:108-115, 1927

Observations on some fossil plants from the Permo-Carboniferous of Vereeniging. Proc. Geol. Soc. South Africa 24:19-30, 1921

With A.C. Seward. Permo-carboniferous plants from Vereeniging (Transvaal). Quart. J. Geol. Soc. 64:109-26, 1908

With E.T. Mellor. On a fossil forest recently exposed in the bed of the Vaal River at Vereeniging. Trans. Geol. Soc. S. Afr. 9 (1906)

The fossil flora of Vereeniging. Trans. Geol. Soc. S. Africa 6(4):82-8, 1904

OTHERS

Vereeniging meteorological records. Transv. Agric. J. (1903)

Note on the dolomite as source of refractory material. S. Afr. J. Sci. 21:159-61, 1924

The stone age industry of Vereeniging. S. Afr. J. Sci. 23:867-8, 1926

HONORS

Thomasleslia Le Roux 1975 (Fossil Plantae)

LINKS

http://www.s2a3.org.za/bio/Biograph_final.php?serial=1668 See http://www.s2a3.org.za/bio/Biograph_final.php?serial=1668.

Tobias Lasser

March 6, 2024

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

Tobias Lasser, Venezuelan botanist (Agua Larga, Falcón State 24 May 1911 – Caracas 25 May 2006)

DESCRIBED PLANTAE TAXA

Abolboda killipii 1944
Aniba tschudyana 1948
Beilschmiedia lundelliana 1942
Beilschmiedia roehliana 1946
Bonnetia kathleenae 1946
Calea phelpsiae 1950 with Maguire
Clusia phelpsae 1950 with Maguire
Clusia scariosa 1950 with Maguire
Ditassa acerifolia 1950 with Maguire
Endlicheria racemosa 1942
Eugenia mcvaughii 1981 with Steyermark
Everardia hitchcockii 1950 with Maguire
Eupatorium angulicaule 1950
Guayana yavianum 1954 with Maguire
Hirtella pimichina 1954 with Maguire
Leitgebia gleasoniana 1945
Meliosma meridensis 1943
Meliosma nubicola 1966 with Steyermark
Mollinedia yaviensis 1950
Nectandra bartlettiana 1942
Nectandra glandulifolia 1942
Nectandra larensis 1942
Nectandra meyeriana 1948
Nectandra mucurubensis 1942
Nectandra olivacea 1942
Nectandra pittieri 1942
Ocotea auriculata 1948
Ocotea carabobensis 1942
Ocotea congestifolia 1942
Ocotea glandulosa 1942
Ocotea sanariapensis 1942
Ocotea tabulosa 1942
Persea lignipetala 1944
Persea pachytepala 1944
Phyllanthus obfalcatus 1950 with Maguire
Pleurothyrium reflexum 1942
Pleurothyrium zulianense 1942
Raveniopsis peduncularis 1944 with Pittier
Rourea cardonae 1954 with Maguire
Schefflera hitchcockii 1950 with Maguire
Stenopadus cardonae 1953 with Maguire
Trichilia grandis 1954 with Maguire

HONORS

Lasseria Dennis 1960 (Fungi)

Tomás Leandro Marini

April 9, 2024

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

Tomás Leandro Marini, Argentine ichthyologist and fisheries biologist (Buenos Aires 27 February 1902 – Buenos Aires 02 December 1984)

DESCRIBED VALID FISH SPECIES

Engraulis anchoita 1935 with Hubbs

Hypostomus commersonoides 1933 with Nichols & LaMonte

Hypostomus meleagris 1933 with Nichols & LaMonte

Hypostomus niger 1933 with Nichols & LaMonte

Merluccius hubbsi 1933

Mullus argentinae 1933 with Hubbs

Pimelodus brevis 1933 with Nichols & LaMonte

Psammobatis bergi 1932

Raia gallardoi 1933

Squatina argentina 1930

Squatina guggenheim 1936

Squatina punctata 1936

Trichomycterus alterus 1933 with Nichols & LaMonte

Traugott Wilhelm Gevers

February 29, 2024

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

Traugott Wilhelm Gevers, South African geologist (New Hanover, Natal Province 23 April 1900 – Natal 1991)

SOME BIBLIOGRAPHY

Lithium and beryllium bearing pegmatites in the Karibib district, South West Africa. Some ore deposits of Southern Africa (1964)

With O. Hart & H. Martin. Thermal waters along the Swakop River, South West Africa. Trans. Geol. Soc. South Africa 66:157-89, 1963

Vermiculite at Loolekop, Palabora, North East Transvaal. Trans. Geol. Soc. South Africa 1949

With J.C. Dunne. Charnockitic rocks near Port Edward in Alfred County, Natal. Trans. Geol. Soc. South Africa 42:183-214, 1942

Carbon dioxide and exhalations in northern Pondoland and Alfred County, Natal. Trans. Geol. Soc. South Africa 45:223-301, 1941

The Etjo Beds of Northern Hereroland, South West Africa. Trans. Geol. Soc. South Africa 39:317-29, 1936

Phases of mineralization in Namaqualand pegmatites. Trans. Rec. Geol. Soc. (1936)

The geology of the Windhoek District in South West Africa. Trans. Geol. Soc. South Africa (1934)

Kaoko-eruptives and alkali rocks at Cape Cross, S.W. Africa. Trans. Geol. Soc. South Africa 35:85-6, 1932

Hot springs of the Windhoek, S.W. Africa (1932)

An ancient tillite in South West Africa. Trans. Geol. Soc. South Africa 34:1-17, 1931

The volcanic vents of the Western Stormberg. Trans. Geol. Soc. South Africa 31:43-62, 1928

Der muschelkalk am Nordwestrand der Böhmisches Masse. N.Jb. Min. Geol. Pal. Beil-Bd. 56:243-6, 1927

With W. Beets. Pre-Dwyka glacial periods in South Africa. Proc. 17th IGC 6:73-110,

HONORS

Geversite Stumpfl 1961 (mineral)

Triloki Nath Khoshoo

March 2, 2024

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

Triloki Nath Khoshoo, Indian plant geneticist (Srinagar, Kashmir 07 April 1927 – 10 June 2002)

Authored over 250 research papers and 7 books on plant genetics, conservation and utilisation and management of natural resources

Elucidated the role of polyploidy in speciation ob biosystematics of *Sisymbrium irio* complex

Biosystematics of the *Sisymbrium irio* complex. Nature 176:608, 1955

Elucidated the genetic system of gymnosperms

Polyploidy in gymnosperms. Evolution 13:24–39, 1959

Discovered an unique all-telocentric karyotype in the genus *Welwitschia*, for the first time in the plant kingdom

With M.R. Ahuja. The karyotype of *Welwitschia mirabilis*. Nature 193 (4813):356, 1962

Developed many basic concepts still valid today

First to delineate centres of diversity/origin of ornamental and subsidiary food plants such as bougainvilleas, amaranths, gladiolus and chrysanthemums

Standardised procedures for taxonomy of cultivated plants

Evolved over 30 cultivars of ornamental and subsidiary food plants

Perfecting breeding methodology for F1 hybrid seed production of triploid marigolds

First to realise the importance of protein-rich grain amaranths with their carotene rich leaves

Other papers in Nature

With S.N. Sobti. Cytology of Indian species of *Artemisia*. Nature 181:853–4, 1958

Basic chromosome numbers in *Silene* and *Saponaria*. Nature 186 (4722):412–3, 1960

LINKS

http://www.insa.ndl.iitkgp.ac.in/xmlui/bitstream/handle/1234567/370/BM30_0604.pdf

Tryambak Shankar Mahabale

April 9, 2024

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

Tryambak Shankar Mahabale, Indian botanist and paleobotanist (Ahmednagar 19 October 1909 – 03 July 1983)

Authored over 140 research papers

Performed studies on plant morphology and embryology

Discovered that the fern *Regnellidium diphyllum* produces rubber being the first report of lactescence in Pteridophyta (1949) before Labouriau

DESCRIBED

Living

Species

Folioceros dixitianus 1942 (Bryophyta)

Isoetes sahyadriensis 1938 (Pteridophyta)

Fossil

Genera

Tetracoccosporium 1972 with Biradar (Fungi)

Kamthioxylon 1980 with Vagyani (Plantae)

Species

Fungi

Diplodites rodei 1968

Tetracoccosporium eocenum 1972 with Biradar

Plantae

Euphorbioxylon sagarensense 1963 with Deshpande

Kamthioxylon adhariense 1980 with Vagyani

Palmocarpon insigne 1950

Palmoxylen khondaliensis 1981 with Kulkarni

Salvinia intertrappea 1950

Sonneratioxylon intertrappeum 1975 with Biradar

Taxaceoxylon kateruense 1973 with Rao

Terminalioxylon tomentosum with Deshpande

HONORS

Mahabalella Sutton & Patil 1966 (Fungi)

Tsai Yu Hsiao

February 29, 2024

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

Tsai Yu Hsiao or Caiyu Xiao, Chinese entomologist (1903 – 1978)

Described 56 Hemipteran genera

HONORS

Hsiaotycoris Lu, Zhao & Cai 2006 (Hemiptera)

Tsi'yu Kao

March 2, 2024

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

Tsi'yu Kao or Ch'ung-hsi Kao or Chongxi Gao, Chinese chemist (1901 – 1952)

A new method of ring closure in the cyclobutane series (1931)

The mechanism of the cleavage of diethyl- α , α' -dibromadipate by secondary amines. A new synthesis of cyclobutane derivatives. J. Am. Chem. Soc. 51(5):1536-9, 1929

EPONYMY

Wang-Kao-Sak reagent

Tung-Kao-Sah reagent for amines

Kao-Chen reagent for copper

Kao-Fang-Sah reagent for amines

Kao-Tao-Sah reagent for aldehydes and ketones

Chang-Kao reagent

Tsing Chao Maa

April 9, 2024

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

Tsing Chao Maa, Taiwanese entomologist (1910 – 1992)

DESCRIBED INSECTA TAXA

Family

Myrmiciidae 1949 (Fossil Hymenoptera)

Genera

Hymenoptera

Alloxyllocopa 1939

Ancyllocopa 1954

Apoxiphia 1949

Bohea 1944

Bomboixyllocopa 1939

Cingalixiphia 1949

Copoxyla 1954

Dryeiphia 1949

Eoxeris 1949

Eoxiphia 1949

Genaxiphia 1949

Hyperxiphia 1949

Indoxiphia 1949

Jungicephus 1949

Moaxiphia 1949

Myrmaibalia 1949

Nasoxiphia 1949

Palpixiphia 1949

Paraxiphia 1949

Scelidoloba 1961 with Yoshimoto

Sigmatapis 1953

Sinicephus 1949

Urosyrista 1944

Diptera

Aoroura 1971

Ardmoeca 1969

Brachyotheca 1962

Gypoeca 1969

Lobolepis 1966

Megastrebla 1971

Oncoposthia 1966

Phthona 1969

Psilacris 1971

Rhyponotum 1969

Struthiobosca 1963

Hemiptera

Aecalus 1965

Blastacaena 1963

Diurocoris 1956 with Lin

Labrosyne 1963

Platycotta 1963

Romachaeta 1963

Tapinacaena 1963

Trigonurella 1963

Dermaptera

Araeomerus 1974

Xeniararia 1974

HONORS

Maabella Hastriter & Bush 2006 (Diptera)

Maacoccus Tao, Wong & Chang 1983 (Hemiptera)

Maacynips Yoshimoto 1963 (Hymenoptera)

Maaltica Samuelson 1969 (Coleoptera)

Maana Soulier Perkins 1998 (Hemiptera)

Maaserphus Lin 1987 (Hymenoptera)

Tsung Dao Lee

March 6, 2024

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

Tsung Dao Lee, US/Chinese physicist (Shanghai, 24 November 1926–

ACHIEVEMENTS

Proved Lee-Yang theorem (1952)

With C.N. Yang created the concept of G parity (1955) and proposed the existence of W particle, the intermediate boson

Predicted with Yang the violation of parity conservation (1956) independent of studies made by Salam and Landau (1956)

Established with colleagues the field of non-topological solitons (1975)

Developed a new rapidly convergent iterative procedure to solve a class of Schrodinger equation with R. Friedberg and W.Q. Zhao (2008)

HONORS

Nobel Physics Prize (1957)

Asteroid 3443 Leetsungdao

EPONYMY

Kinoshita-Lee-Nauenberg theorem

Lee-Yang property

Lee model of Quantum Field Theory

See <http://tdlee.ccast.ac.cn/eindex.html> See <http://tdlee.ccast.ac.cn/eindex.html>.

Tungsheng Liu

March 6, 2024

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

Tungsheng (Dongsheng) Liu, Chinese geologist and archaeologist (Shenyang, Liaoning 22 November 1917 – Beijing 06 March 2008)

Authored about 300 papers

Demonstrated that loess was laid down by wind (1960s)

Demonstrated that loess provides a complete and accurate record of environmental change

Discovered the underlying causes of Keshan disease (deficiencies of trace elements)

DESCRIBED FOSSIL VERTEBRATA TAXA (Pisces)

Genera

Asiacanthus 1948

Sinolepis 1958 with Pan

Sunolepis 1957

Tungtingichthys 1962 with Liu & Tang

Species

Asiacanthus multituberculatus 1948

Sinolepis macrocephala 1958 with Pan

Sinolepis wutungensis 1958 with Pan

Sunolepis yumenensis 1957

Tungtingichthys gracilis 1962 with Liu & Tang

Others

Bunolistriodon intermedius 1963 with Lee (Mammalia)

HONORS

Tyler Prize for Environment (2002)

Liudongshengite Yang, Gibbs, Schwenk, Xie, Gu, Downs & Evans 2021 (Mineral)

Ubirajara Ribeiro Martins

April 9, 2024

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

Ubirajara Ribeiro Martins de Souza, Brazilian entomologist (São Paulo 08 July 1932 – São Paulo 26 May 2015)

Authored over 460 papers

Internationally recognized as an authority on systematics of family Cerambycidae

Member, International Commission of Zoological Nomenclature, London (1984–2000)

Described at least 270 genera and over 2,000 new species in Coleoptera besides other taxa

HONORS

Martinsia Chemsak & Linsley 1967 (Coleoptera)

Martinsellus Hudepohl 1985 (Coleoptera)

Birandra Santos-Silva 2002 (Coleoptera)

Biribellus Galileo 1987

Gurubira Napp & Marques 1999

Subgenus *Martinsmyia* Galati 1990 (Diptera)

LINKS

<http://www.revistas.usp.br/azmz/article/view/108539/107648>

Vasant Ramji Khanolkar

March 2, 2024

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

Vasant Ramji Khanolkar, Indian pathologist (Quetta, Pakistan 13 April 1895 – 29 October 1978)

Authored over 100 scientific papers and 3 books

World famous for his work on racial distribution of blood groups especially the Rh group

The racial distribution of the blood groups. J. Anthropol. Soc. 1:110-33, 1945

With B. Suryabai. Cancer in relation to usages. Three new types in India. Arch. Pathol. 40:351-61, 1945

Developed Khanolkar reaction for ketosteroids

With A.S. Krishnamurthi, C.D. Bagul & M.B. Sahasrabudhe. A new method of histochemical localization of corticoids. Indian J. Pathol. Bacteriol. 1:84-9, 1958

Developed Khanolkar concentration test for Mycobacterium leprae

With K. Rajalakshmi. A method for the concentration of acid-fast bacilli in skin biopsies from leprosy patients. Leprosy in India 24:47-61, 1952

Method of taking biopsy for histological examination. Lepr. Rev. 22:83-5,

Isolated a new strain of Mycobacterium leprae

First proposed the presence of Mycobacterium leprae within axons (1955) and established its mode of dispersion (neural leprosy)

With Cochrane suggested the term dimorphous leprosy (1956)

Vasudeva Krishnamurthy

March 2, 2024

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

Vasudeva B. Krishnamurthy, Indian phycologist (Valavanur, Villupuram District 14 August 1921 –

Described the genus *Compsopogonopsis* 1962 (Rhodophyta) and 51 new algae species

HONORS

Krishnamurthya S. Chandra 2004 (Chrysophyta)

LINKS

[HTTP://kiachennai.com/vkbio.htm](http://kiachennai.com/vkbio.htm) See <http://kiachennai.com/vkbio.htm>.

Vicente Marcano

April 9, 2024

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

Vicente Marcano Echenique, Venezuelan scientist (Caracas 27 October 1848 – Valencia, Carabobo State 17 July 1891)

Brother of physician and anthropologist Gaspar Marcano

Performed studies on chemistry, agronomy, geology and anthropology

ACHIEVEMENTS

Chemistry

Synthesized a new molecule, the stibonium chloride

Sobre un Nuevo cuerpo. El cloruro de estibonio. (1878)

Discovered perseite from avocado seeds, leafs and fruits

With A.C. Muntz. Sur La perseite, matiere sucree analogue a La manite. Compt. Rend. 99 (1): 38-40, 1884

Obtained a quercite-similar substance from *Pouteria sapota*

Obtained protein bromelin from *Ananas comosus* (1891), an important enzyme in chemical industry

Studied the chemical composition of fruits, cereals and toxic plants

Performed important studies about panification and fermentation being most of these articles coauthored by famous Achille Muntz

Proposed new theories about fermentation process

Fermentation directe de la fécule. Mechanisme de cetté metamorphose. Compt. Rend. 95 (9): 856-9, 1882

Demonstrated how yucca fermentation occurs in order to prepare yaraque, a native drink

Sur le Yaraque, boisson fermentee des tribus sauvages du haut Orenoque. Compt. Rend. 107 (19):743-5, 1888

Explained the equatorial black waters

With A.C. Muntz. Sur les eaux noires des regions equatoriales. Compt. Rend. 107:908-9, 1888

Agronomy

Designed an industrial apparatus for disinfection of sugar cane alcohol employing fractional distillation

Aparato industrial para la desinfección del alcohol de caña por la destilación fraccionada. Tribuna Liberal, 29 October 1877

Some works about tropical plant physiology

Observations et experiences sur la circulation de la seve des vegetaux sous les tropiques. Compt. Rend. 97 (5): 340-2, 1883

Recherches sur la transpiration des vegetaux sous les tropiques. Compt. Rend. 99 (1):53-5, 1884

Essais de agronomie tropicale. Le cacaotier, Le cafetier, Le bananier. Ann. Sci. Agr. Fran. Etrang. P.119-52, 1891

Anthropology

Important archaeological discoveries in Los Cerritos, Cerros de Luna and Ipi Boto

LINKS (in Spanish)

<http://www.ciens.ucv.ve/svq/historia/Biografia%20V%20Marcano%20-%20CB.pdf>

<http://revistaquipu.com/wp-content/uploads/2012/01/Numero-7-1-3Bifano.pdf>

Victor Ariel Gallardo

February 29, 2024

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

Victor Ariel Gallardo, Chilean marine biologist (Mauñín, Llanquihue Province 03 November 1934 –

DESCRIBED MARINE INVERTEBRATES TAXA

Annelida polychaeta

Genera

Paracapitella 1987 with Carrasco

Protomastobranthus 1968

Species

At least 44

Others

Crepidula fecunda 1979 & *C. philippiana* 1971 (Mollusca)

Ampelisca araucana 1963 (Crustacea)

Oulactis colliumensis 1990 (Coelenterata)

Thioploca araucae 1984 with Maier (Bacteria)

HONORS

Gallardonereis Carrera-Parra 2006 (Annelida Polychaeta)

Victor F.B. de Mello

April 9, 2024

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

Victor Froilano Bachmann de Mello, Brazilian geotechnical engineer (Panaji, Goa 15 May 1926 – São Paulo 01 January 2009)

Son of Portuguese microbiologist Froilano de Mello (1887-1955) and German-Swiss mother

Influenced dam engineering throughout the world for his research and developments on behavior of compacted saprolites and residual soils

Performed the first accurate report about penetration tests in shallow foundations (1967-71)

Patented Stabilization of Soils (Chemical Solidification) US2651619

SOME BIBLIOGRAPHY

Landslides by maximized infiltration: fundamental revision of stability calculations and stabilizing drainages (2003)

Lessons of Adjustments to Tropical Saprolites and Laterites (1989)

Embankment dams and dam foundations (1989)

Destabilization of rockfill slopes (1986)

Foundations of Gravity Dams, Geochemical Interaction (1984)

Behavior of 2 high rockfill dams (1984)

Behaviour of Foundations and Structures (1977)

Philosophy of Statistics in Geotechnique (1975)

Some lessons from unsuspected, real and fictitious problems in earth dam engineering (1975)

Thoughts on soil engineering applicable to residual soils (1972)

The standard penetration test (1971)

Foundations on clays (1969)

HONORS

Distinguished Foreign Scientist, National Science Foundation (1966-7)

Rankine Lecture (1977)

Foreign Member, US National Academy of Engineering (1980)

Life Member, American Society of Civil Engineers (1991)

President, International Society for Soil Mechanics and Geotechnical Engineering (1981-5)

LINKS

www.victorfbdemello.com.br See <http://www.victorfbdemello.com.br/>.

Vijay Kumar Kapahi

March 2, 2024

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

Vijay Kumar Kapahi, Indian radioastronomer (Quetta, Punjab 21 January 1944 – Mumbai 16 March 1999)

Authored about 100 papers

Internationally acclaimed for his contributions in the field of extragalactic radio sources and cosmology

First showed that radio galaxies linear sizes were considerably smaller in earlier cosmic epochs (1975)

Identified a major class of radio sources, the compact steep-spectrum sources (1981)

Discovered the phenomenon of relativistic beaming in quasar nuclei

With G. Swarup. A simple image forming technique suitable for multifrequency observations of solar radio bursts. Solar Physics 14:404-13, 1970

Viktor Leinz

March 6, 2024

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

Viktor Leinz, German-born Brazilian geologist, petrographer and mineralogist (Heidelberg, Baden Württemberg State 18 December 1904 – São Paulo 27 March 1983)

SOME BIBLIOGRAPHY

With C.W. Correns. Tuffige sedimente des tobaseses Nordsumatra als Beispiele für die sedimentpetrographische. Bedeutung von Struktur und Textur. Sonder-Abdruck aus dem Zentralbl. f. Min. Jahrg. Abt A 11, 1933

Ein Beitrag zur Kenntnis der Gesteine von Angola. Zentralbl. f. Min. Abt A 4:97-102, 1935

With O.H. Leonardos. Notas sobre as esmeraldas da Fazenda das Lajes, Itaberahy, Goyaz (1936)

Estudos sobre a glaciação permo-carbonífera do sul do Brasil. Bol. D.N.P.M. Ser. Fomento 21:4-7, 1937

A silificação nos sedimentos gondwânicos no sul do Brasil e a sua origem. Ann. Acad. Bras. Ciências 10(3), 1938

With L.J. Moraes & E. Orosco. Estudo do agalmatólito (1938)

Observação nos contactos de diabásio com sedimentos. Serv. Geol. Min. Rio de Janeiro 7:13-16, 1938

New fossil pearly freshwater mussels from deposits on upper Amazon of Peru (1938)

With G. Paiva Teixeira. Contribuição para a geologia do petróleo no sudoeste de Mato Grosso (1939)

Petrologia das jazidas de apatita de Ipanema (1940)

Caolim varvítico postglacial do Rio Pardo, Estado do Rio Grande do Sul (1941)

With E.A. Teixeira. Ouro no bloco do Butiá (Rio Grande do Sul) 1942

With H. Pinagel. Estanho e tungstênio no Rio Grande do Sul (1945)

Ocorrências de calcário no Rio Grande do Sul e prospecção da jazida de Vacacaí no município de São Gabriel. Estudos Bras. Geol. (1946)

Gênese da jazida de cobre de Caraíba, Bahia. Eng. Min. Met. 11(65):277-81, 1946

A fossa do Camaquã de Passo do Mendonça, Rio Grande do Sul. Miner. Metal. Rio de Janeiro 4(73):22-23, 1948

Estudo genético do minério de manganês da Serra do Navio, Território Federal do Amapá. Anais Acad. Bras. Ciências 20(2):211-21, 1948

Pequenas notas geológicas e petrográficas sobre o Território do Amapá (1949)

Contribuição a geologia dos derrames basálticos do sul do Brasil (1949)

O petróleo de Nova Olinda. Bol. Paul. Geogr. (1955)

With A.M. Vieira Carvalho. Contribuição à geologia da Bacia de São Paulo (1957)

HONORS

Leinzia Mendes 1949 (Fossil Bivalvia)

Vinalto Graf

February 29, 2024

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

Vinalto Graf, Brazilian entomologist (1939 – Curitiba 19 December 2017)

DESCRIBED HYMENOPTERA TAXA

Genera & Subgenera

Actenosigynes 1999 with Moure & Urban

Albinapis 2000 with Urban

Baptonedys 1999 with Moure & Urban

Catucaba 1991 with Kumagai & Coutinho

Jomine 1998 with Kumagai

Moureisca 1973 with Urban & DeSantis

Neoexetastes 1984

Pectinorex 1976

Tiphiallen 1995 with Kumagai & Almeida

Species

Albinapis gracilis 2000 with Urban

Boethus catharinae 2002 with Kumagai

Catucaba anatterae 1991 with Kumagai & Dutra

Chydarteres striatus 1999 with Marzagão

Clistopyga jakobii 1985

Clydonium costalimai 1976

Conoaxima acricola 1973 with De Santis & Urban

Epelaspis ketiae 1995 with Kumagai

Epelaspis renatoi 1995 with Kumagai

Epirhyssa nigrothorax 2004 with Kumagai

Flacopimpla sulina 1998 with Kumagai

Hedypathes betulinus 1999 with Marzagão

Hexanthera enneomera 2000 with Urban

Jomine tagouana 1998 with Kumagai

Jomine una 1998 with Kumagai

Joppocryptus desantisi 1979 with Yamamoto

Joppocryptus mourei 1979 with Yamamoto

Labena fiorii 1999 with Marzagão

Lusius ferrugineus 2000

Lycorina langei 1982 with Yamamoto

Mecistum townesorum 1976

Meniscomorpha cleia 1979

Moureisca tuberosa 1973 with De Santis & Urban

Mydrosomella cleia 2001 with Urban

Neoexetastes xiphocampilus 1984

Neohyperteles seminarius 1973 with DeSantis & Urban

Nomosphacia ceciliae 1997

Nomosphacia monicae 1997

Notocampsis ferruginea 2002 with Kumagai

Notocampsis santaclarae 1993

Notocampsis umuaramae 1993

Oxaea mourei 1992

Oxaea sooretama 2008 with Urban

Pectinorex vilavelhae 1976

Philodrymus townesi 1983

Stethantyx albinoi 1980

Stethantyx alicae 1980

Stethantyx anaclaudiae 1980

Stethantyx bernadeteae 1980

Stethantyx jaymei 1980

Stethantyx lucasi 1980

Zaglyptomorpha danunciae 1979

HONORS (Hymenoptera)

Grafanthidium Urban 1995

Grafella Mitchell 1980

Vincent Clifford Moran

April 9, 2024

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

Vincent Clifford Moran, South African agricultural entomologist (Salisbury, Rhodesia 22 September 1937 –

Received international acclaim for his research on insect pests and the use of insects for biological control of alien weeds

SOME BIBLIOGRAPHY

With H.G. Zimmerman & J.H. Hoffmann. Biological control in the management of invasive alien plants in South Africa and the role of working for water programme. S. Afr. J. Science p. 34-40, 2004

With J.H. Hoffmann. Localized failure of a weed biological control agent attributed to insecticide drift. Agric. Ecosyst. Environm. 52:197-203, 1995

With J.H. Hoffmann & H.G. Zimmermann. Objectives, constraints and tactics in the biological control of mesquite weeds (*Prosopis*) in South Africa. Biol. Control 3:804-83, 1993

With J.H. Hoffmann. Novel graphs for depicting herbivore damage on plants: the biological control of *Sesbania punicea* (Fabaceae) by an introduced weevil. J. Appl. Ecology 26:353-60, 1989

With G.B. Dennill. On insect plant associations in agriculture and the selection of agents for weed biocontrol. Ann. Appl. Biology 114:157, 1989

With J.H. Hoffmann. The invasive weed *Sesbania punicea* in South Africa and prospects for its biological control. S. Afr. J. Science 84:740-2, 1988

With H.G. Zimmerman. The biological control of cactus weeds: achievements and prospects. Biocontr. News & Inform. 5:297-320, 1984

With B.H. Gunn & G.H. Walter. Wind dispersal and settling of first instar crawlers of the cochineal insect *Dactylopius austrinus* (Homoptera: Coccoidea: Dactylopiida). Ecol. Ent. 7:409-41, 1982

With T.R.E. Southwood & C.E.J. Kennedy. The richness, abundance and biomass of the arthropod communities on trees. J. Anim. Ecol. 51:635-49, 1982

With T.R.E. Southwood. The guild composition of arthropod communities in trees. J. Animal Ecol. 51:289-06, 1982

Interaction between phytophagous insects and their *Opuntia* hosts. Ecol. Entom. 5:153-67, 1980

With B.S. Cobby. On the life-history and fecundity of the cochineal insect, *Dactylopius austrinus* De Lotto (Homoptera: Dactylopiidae), a biological control agent for the cactus *Opuntia aurantiaca* (1979)

With D.P. Annecke. Critical reviews of biological pest control in South Africa. II. The prickly pear, *Opuntia ficus-indica* (L.) Miller. J. Entomol. Soc. South. Africa 39:111-6, 1978

With M.P. Hassell. Equilibrium levels and biological control. J. Ent. Soc. South. Afr. 39:357-66, 1976

With H.G. Zimmermann & D.P. Annecke. The identity and distribution of *Opuntia aurantiaca* Lindley. Taxon 25:281-7, 1976

With R.P. Brown. The antennae, host plant chemoreception and probing activity of the citrus *Psylla*. J. Entom. Soc. South Africa 36:191-202, 1973

With G.J. Yothed. The solar-day activity rhythm of myrmeleontid larvae. J. Insect Physiol. 15:1103-16, 1969

HONORS

Moraniella Loginova 1972 (Homoptera)

Moranida Mansell 1983 (Neuroptera)

Virgilio Galvis

February 29, 2024

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

Virgilio Galvis Ramírez, Colombian ophthalmic surgeon (Bucaramanga 27 July 1947 –

With A.I. Ortiz Zapata, J.D. Arias & J.C. Serrano reported the first case in literature of positive response to topical dorzolamide in a children with enhanced S cone syndrome (2014)

DEVELOPED/MODIFIED TECHNIQUES

With A. Tello, L.J. Escaf, V. Rojas, M.A. Cortez. Phaco prechopping as an option in high-volume cataract services. Techn. Ophthal. 5(1):1-7, 2007

With L.J. Escaf, V. Rojas, M.A. Cortez, A. Tello & J.P. Aparicio. Ultraphaco and Ultraqual techniques using a new ultrasonic chopper (Ultrachopper). Techn. Ophthal. 5(4):131-5, 2007

With A. Tello, C.A. Niño & P.A. Camacho López. Intraocular lens power calculation after photorefractive surgery: modified double K method. J. Catar. Refrac. Surg. 39(9):1450-1, 2013

With R.D. Berrospi & A. Tello. Ultrachopper assisted prechopping for small incision cataract surgery. Ophthalmology 1(1), 2017

With R.D. Berrospi, M. Bhogal & A. Tello. Double-line reflection pattern as a simple method to determine graft orientation of Descemet membrane endothelial keratoplasty. Cornea (2019)

Wagner Waneck Martins

April 9, 2024

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

Wagner Waneck Martins, Brazilian electrical engineer (São Paulo 08 February 1924 – São Paulo 18 July 2004)

From Czech/Slovak descent

CONTRIBUTIONS

Created Numerical Transform (1964)

Discovered Pulsating Energy Converted Electromechanically (PECEM) in 1994

Discovered that magnetic super pulse of pulsating energy converted electromechanically (PECEM) transformation is a macroscopic manifestation of one global inter-atomic quantum leap and submitted a paper about it to Science review (1998)

Developed Boolean arithmetic and obtained a general resolution of Boolean equations

Developed Boolean linguistics

Presented Esperangol a mathematical computation language

Presented The new financial PRAICE system in the book The mathematical model of interest – A systematic approach from Antonio Carlos M. Mattos (1975)

Developed VANEK system presented in The Analytical Version of Grades and Classifications System (VANEK System), 4th volume of the book Programmed Statistics Step by Step from Eduardo J.S. Montenegro (1981)

With R.C. Pessotta proposed a new architecture to Real time control (1993)

New technology and protection to electrical circuits (1986)

With R.W.C. Martins. Design of a sequential switching logical circuit on crossing's signalization using ONU & UNIVERSAL codes (1984)

A new technique for automated projection sequential logic circuits

ESÇÃO (n,m,p): a new generation computer (1983)

PATENTS

Held 17 Brazilian and foreign patents

With W. Del Picchia, S. Del Picchia & D.G. Silveira. Interruptor biestável polarizado de comando a distância e respectivo sistema de utilização (1970)

With W. Del Picchia, S. Del Picchia & D.G. Silveira. Interruptor biestável de comando a distância (1970)

With W. Del Picchia, S. Del Picchia & D.G. Silveira. Interruptor de comando a distância (1976)

With W. Del Picchia, S. Del Picchia & D.G. Silveira. Circuito elétrico, tomada e disjuntor (1978)

With W. Del Picchia, S. Del Picchia & D.G. Silveira. Electromagnetic relay (1978)

Electromagnetic cut-off device for short circuit protection

With A.A.N. Antunes. PI80014907 (1980)

Superjunctor: nuclear fusion controller of hydrogen plasma or its isotope PI8906390-2 A2 (1989)

With W. del Picchia, R.C. Pessotta & J.C. Felizatti. Control and protection devices by means of the quantified energetic pulse technique (1989)

With E.G.D. Silva. Circuitry and microprogramming of a non-Von Neumann computer for the acquisition of an automatic programming (software) 1989

Devices that generate magnetic super pulse (MSP) created by the transformation of the pulsating energy converted electromechanically (PECEM) 1995

LINKS

<http://sites.poli.usp.br/d/pea5737/>

Walter August Hadler

February 29, 2024

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

Walter August Hadler, Brazilian experimental pathologist and histochemist (São Paulo 16 Jan 1919 – Campinas, São Paulo State 30 November 1998)

Married to Sineli Rita Silveira with whom published many papers.

Published 67 papers in indexed periodicals between 1950 and 1989

Developed some new histochemical methods below listed

With L.M. Ziti, A.S. Patelli, J.A. Voza & O. de Lucca. Histochemical meaning of the chrome-alum hematoxylin and the aldehyde fuchsin staining: an investigation accomplished by a spot test technique carried out on filter paper models. *Acta Histochem.* 20:320-38, 1968

With L.M.Ziti, O. de Lucca and A.S. Patelli. A new technique for histochemical detection of cholesterol and cholesterol like-compounds. *Acta Histochemica* 30(1):70-78, 1968.

With L.M. Ziti. Demonstração histoquímica de lípidos contendo colina. VII Congr. Anat. p.5-6, 1969

With L.M. Ziti. Metodo histoquímico para demonstração de fosfolípidos (1969)

With Sineli Rita Silveira. Novas técnicas para demonstração histoquímica de tocoferol e de vitamina D. *Ciência e Cultura* 29(7):584, 1977. Suppl.

With S.R. Silveira. Histochemical technique to detect choline-containing lipids. *Acta Histochemica* 63(2):265-270, 1978.

With S.R. Silveira. Catalases and peroxidases histochemical detection. Techniques suitable to discriminate these enzymes. *Acta Histochem.* 63:1-10, 1978

With M.L. Ziti & M.A.C. Hoflung. The benzidine technique for histochemical detection of the SO_4^{2-} . *Acta Histochem.* 61(2):197, 1978

With S.R. Silveira. A technique to tocopherol (vitamin E) histochemical detection. *Acta Histochemica* 68(1):1-10, 1981.

With S.R. Silveira. A histochemical method suitable to discriminate free cholesterol from its esters and both from 7-dehydrocholesterol and vitamins D. *Acta Histochemica* 74(1):25-33, 1984.

With S.R. Silveira. A histochemical method able to detect vitamins D and to discriminate it from cholesterol and its esters. *Acta Histochemica* 76(2):177-182, 1985.

With A.C. Mauri. Aplicação da lepra murina como teste de controle experimental de compostos quimioterápicos. Preconização de um método

Developed an argentic impregnation method for studying spleen cells.

Morfologia e distribuição das células reticulares do baço normal. Estudo efetuado mediante técnica de impregnação argêntica. Thesis. p. 68, Ribeirão Preto, 1962.

Developed a modified Prussian blue reaction for detecting ferric ion.

With O. de Lucca, L.M.Zitti and A.S. Patelli. A quantitative study on the most effective conditions to develop the Prussian blue reaction for histochemical detection of ferric ion. *Rev.Bras.Pesq.Med.Biol.* 2:344-47, 1969.

With A. Berezin & J.H. Tramezzani. Selective digestion of the neurosecretory material of the hypothalamus and of the neurohypophysis by tissue homogenates. *Nature* 176(4482):600-1, 1955

Walter Baptist Mors

April 9, 2024

BibliographySee <https://neglectedscience.com/category/bibliography/>.

Walter Baptist Mors, Brazilian plant chemist (São Paulo 23 November 1920 – Rio de Janeiro 06 October 2008)

ACHIEVEMENTS

Isolated plant compounds with toxicity to cattle

Isolated many plant chemicals acting as snake venom antidotes, for example wedelactone of *Eclipta prostrata*

With M.C. do Nascimento, J.P. Parente, M.H. da Silva, P.A. Melo & G. Suarez Kurtz. Neutralization of lethal and myotoxic activities of South American rattle snake venoms by extracts and constituents of the plant *Eclipta prostrata* (Asteraceae). *Toxicon* 27(9):1003-9, 1989

Discovered hipoglicemiant effect of anti-diabetic plant *Myrcia uniflora*

Identified 14, 15-epoxi-geranylgeraniol, from fruits oil of *Pterodon pubescens* which prevents the penetration of cercariae of *Schistosoma* into the skin of host (1967)

With M.F. Santos Filho, H.J. Monteiro, B. Gilbert & J. Pellegrino. Chemoprophylactic agent in schistosomiasis: 14,15-epoxigeranylgeraniol. *Science* 157:950-1, 1967.

First to verify the presence of mannuronic acid in a vascular plant

With O. Ribeiro. Estudo químico da mucilagem das estípulas da imbaúba *Cecropia adenopus* Mart. *Rev. Soc. Bras. Quim.* 19(3-4):1224-40, 1950

Isolated anibine alkaloid from *Aniba duckei*, the first aryl a-pyrone alkaloid displaying a aryl-heterocyclic group

With O.R. Gottlieb & C.Djerassi. The Chemistry of Rosewood. Isolation and Structure of Anibine and 4-Methoxyparacotoin. *J. Am.Chem. Soc.* 79(16):4507-11, 1957.

Discovered asclepiasides, cardioactive glucosides of genus *Asclepias*

With S.C. Cascon. Os glucosídeos cardíacos da *Asclepias curassavica* L., planta tóxica das pastagens brasileiras. *Arch. Jard. Bot.* 16:103-116, 1958

With O.R. Gottlieb. Phylogeny of the genus *Aniba* Aubl. A comparative morphological and chemical observation. *Nature* 184 (4698):1589, 1959

First to isolate 5,6 dehydrokavain from a natural source

With O. R. Gottlieb. Identity of compound A from kava root with 5,6 dehydrokavain. *J. Org. Chem.* 24(10):1614-5, 1959

Isolated ichthyotherol, possibly the first toxic polyacetylene from a plant

With S.C. Cascon, B.M. Tursch, R.T. Aplin, L.J. Durham. Ichthyotherol and its acetate: the active polyacetylene constituents of *Ichthyothere terminalis* (Spreng) Malme, a fish poison from the Lower Amazon. *Amer. Chem. Soc. J.* 87:5237-41, 1965.

Discovered a new synthesis of N-methyl-tiramine

With S. C. Cascon. Substancias isoladas da *Palicourea marcgravii* St.Hil. Uma nova síntese de N-metil-tiramina. *Anais Assoc. Bras. Quim.* 21:53-60, 1962

With B. Tursch, E. Tursch, I.T. Harrison, G.B.C.T. C. B. Silva, H.J. Monteiro, B. Gilbert & 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)

Isolated a new type of natural 6-styryl-2-pyrones from *Aniba parviflora* (1971), showed the natural occurrence of 6-styryl-2-pyrones and reported a general route for their synthesis

With A.M. Bittencourt, O.R. Gottlieb, M.T. Magalhães, S. Mageswaran, W.D. Ollis & I.O. Sutherland. The natural occurrence of 6-styryl-2-pyrones and their synthesis. *Tetrahedron* 27(5):1043-8, 1971

With B. Gilbert & M.C. Nascimento. Um novo grupo de heterociclos oxigenados de *Derris araripensis* Ducke. *Cien. Cult.* 24(6):129-30, 1972

Isolated derricidine, a new structural chalcone

With M.C. do Nascimento. Chalcones of the root bark of *Derris sericea*. *Phytochemistry* 11:3023-8, 1972

With H.S. Xavier isolated serjanosides from *Serjania caracasana* (1975)

Obtained the derriobtusones, the first auronols found in the nature

With M.C. do Nascimento & R.L. de Vasconcellos Dias. Derriobtusones A and B – 1st examples of natural auronols. *An. Acad. Bras. Ciencias* 48(2):354-5, 1976

First description of 8 new flavonoid species

With M.C. do Nascimento. Flavonoids of *Derris araripensis*. *Phytochemistry* 25(10):2425-7, 1986

Modified drying tower for Dennstedt analysis method

With M. Saraiva. Modificação da torre de secagem na análise elementar segundo Dennstedt. *Boletim Inst Quim Agrícola* 20, 1951

Authored with C.T.Rizzini & N.A. Pereira, Medicinal Plants of Brazil (2000), with international repercussion

Authored with C.T. Rizzini, Useful Brazilian plants (1966), edited in English and German

MEMBERSHIP

Elected Member, Linnean Society of London (1982)

HONORS

Morsacanthus Rizzini 1952 (Acanthaceae)

Walter Knoche

March 2, 2024

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

Walter Alfred Knoche, German-born Argentine meteorologist, geophysicist, geographer and anthropologist (Berlin 07 March 1881 – Buenos Aires 03 July 1945)

Nephew of Nobel Prize winner Paul Ehrlich

Authored 276 publications

Regarded as one of founders of bioclimatology

Created a new climate classification

Nuevo método de clasificación climática. Rev. Arg. Agron. 10:26-54, 1943

Enunciated new concepts about climate, microclimate and micrometeorological factors in pathology and therapeutics

Nueva forma de representación básica para fines agro y fitoclimáticos. Ciencia Mexico 3(1):24-9, 1942

Una nueva representación gráfica de orden antropo y fitoclimático con ejemplos para la República Argentina (1945)

Forma fuera del común de descargas eléctricas observadas en las Sierras de Córdoba durante una lejana tempestad eléctrica. Anales Soc. Cien. Arg (1942)

Eponym of Knoche-Borzacov climatic scale (1947) and Knoche index of aridity

Walter Wolfgang Kempf

March 2, 2024

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

Walter Wolfgang Franz Kempf, German-born Brazilian Franciscan friar and entomologist (Speyer, Rhineland-Palatinate State 26 March 1920 – Washington DC, USA 20 August 1976)

DESCRIBED HYMENOPTERA TAXA

Genera

- Eucryptocerus* 1951
- Eurhopalothrix* 1960 with Brown
- Phalacromyrmex* 1960
- Tatuidris* 1967 with Brown

Species

At least 122

HONORS

Kempfsimulium Py-Daniel & Nunes de Mello 1982 (Diptera)

Warwick Estevam Kerr

March 2, 2024

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

Warwick Estevam Kerr, Brazilian entomologist and geneticist (Santana do Parnaíba, São Paulo State 09 September 1922 – Ribeirão Preto, São Paulo State 15 September 2018)

From Scottish descent

Internationally recognized as the foremost expert on bees genetics

Authored 247 papers (until 2007)

Obtained important discoveries in bee genetics and sexual determination

Discovered the genetical mechanism that rules the casts in genus *Melipona* (1950)

Obtained the hybridization of the African and Italian bees known as Africanized honey bee (1950s)

With H. Esch & I. Esch. Sound: an element common to communication of stingless bees and to dances of the honey bees. *Science* 149:320-1, 1965

With R.A. Nielsen. Técnica para aumentar, diminuir ou modificar a alimentação de alvéolos de cria de meliponídeos. *Cien. Cult.* 118:33-4, 1966

With G.A. Carvalho and V.A. Nascimento developed Uberlândia beehive, a cubic rational beehive (1996)

DEVELOPED NEW VEGETABLE CULTIVARS

With A.C.P. Santos. Obtenção de novos cultivares de alface. *Braz. J. Genetics* 19(3): 202, 1996

With E.L. Almeida Jr, F.J. Campos & J.R. Santos Filho. Maioba: novo cultivar de alface para solos ácidos. *Hort. Bras.* 8(2):33-4, 1991

With colleagues developed the cultivars Melitino of egg-plants, Glória do Maranhão and Uberlândia 10000 of lettuce, between others

HONORS

Elected Foreign Member, National Academy of Sciences, USA (1990)

Subgenus *Melikerria* Moure 1992 (Hymenoptera)

Washington Isola

February 29, 2024

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

Washington Isola Dupont, Uruguayan ophthalmologist (17 October 1903 – 1968)

Proposed innovative concepts in the field of strabismus

DEVELOPED TECHNIQUES

With B. Stark. Inhibition in strabismus and a new method of treatment. Am. J. Ophthal. 45(2):235-6, 1958

With D. Bennati. Nueva tecnica para el estudio de la musculatura extrinseca del ojo. Arch. Soc. Biol. Montevideo 13(3-4):147-53, 1946

CO-AUTHORED RELEVANT PAPERS

With Z. Bacq. Innervation sympathique adrenergique de la musculature lisse des paupieres. Arch. Intern. Physiol. 54:30-48, 1946

With Z.M. Bacq. Adrenalinergic nature of the innervation of the depressor of the lower eyelid. Arch. Soc. Biol. Montevideo 12:225-8, 1945

With R. Rodríguez. Chemical transmission or nerve stimuli and pupillary motility. Arch. Oftalm. Bs. Aires 18:692, 1943

His uncle Ramón Francisco Alberico Isola Zuquibilide (Suquivilde), ophthalmologist (San Jose 09 March 1857 – Montevideo 06 January 1933)

From Genoese father

Eponym of Isola disease or syndrome (1929)

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

With A. Ricaldoni. Maladie congénitale et familiale caractérisée par une dystrophie adiposo-génitale associée à une retinite pigmentaire et une polydactylie. Bull. Soc. Med. Hosp. Paris 44:1131-8, 1928

Wilhelm Gustav Franz Herter

February 29, 2024

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

Wilhelm Gustav Franz Herter, German / Uruguayan botanist and mycologist (Berlin 10 January 1884 – Hamburg 17 April 1958)

Authored 380 works

Named 1449 taxa

DESCRIBED NEW TAXA

Fungi

Families

Corticaceae 1910

Sparassidaceae 1910

Plantae

Dryopteridaceae 1949

Woodsiaceae 1949

Genus

Astyposanthes 1913 (Fabaceae)

HONORS

Ritterocactus Sect. *Herteria* Doweld 1999 (Cactaceae)

Wilhelm Hoffmann

February 29, 2024

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

Wilhelm Heinrich Hoffmann, German-born Cuban anatomical pathologist (Wismar, Mecklenburg 08 February 1875 – La Habana 10 October 1950)

Authored over 400 works

Yellow fever

Determined a number of pathological signs in yellow fever

Proposed kidney calcium deposits as a sign (Rocha Lima described it in 1912)

Los cilindros de cal en los niños: un nuevo signo diagnostico de la fiebre amarilla. *Scienza Medica* 2(6):284, 1924

Demonstrated phagocytosis of erythrocytes by Kupffer cells in liver and spleen (1924)

Showed the hyaline degeneration of voluntary muscles and myocardium

Showed medullary infiltration of Peyer patches in ileum

First to show intranuclear inclusions of yellow fever in human being

Concluded that histological survey of liver was the simplest and safest method for diagnosing the yellow fever (Cuban method)

Demonstrated the sylvian form of yellow fever in Africa

Hay fibre amarilla en Africa ? (1924)

Is there yellow fever in Africa? *J. Trop. Med. Hyg.* (1926)

La fiebre amarilla endemica en Africa (1927)

La fiebre amarilla africana (1928)

Leprosy

Developed a treatment for leprosy

Early treatment of leprosy. *Leprosy review* 1:1, 1930

Eponym of Hoffmann early leprous choroiditis

SOME BIBLIOGRAPHY

El higado en la fiebre amarilla africana. *Virchows Archiv fur Pathol. Anat. Physiol.*

Wilhelm Kalbreyer

March 2, 2024

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

Wilhelm Kalbreyer, German-born Colombian plant collector, gardener and nurseryman (1847 – Bogotá 1912)

From his collections in West Africa and Colombia discovered:

Anthurium veitchii 1880

Pachystoma thompsonianum Reichenbach 1879

20 new species and varieties of ferns described by John Baker (1881)

17 new species of *Alphanes* described by Max Burret (1932)

At least 10 new plant species that bears his name

HONORS

Kalbreyeriella Lindau 1922 (Acanthaceae)

Wilhelm Kegel

March 2, 2024

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

Wilhelm Ottomar Kegel, German / Brazilian geologist and paleontologist (Breitscheid, Hessen State 06 May 1890 – Niterói, Rio de Janeiro State 15 March 1971)

DESCRIBED FOSSIL GENERA

Ichnofossil

Amaralia 1967

Neosolithos 1966

Crustacea

Bairdiocypris 1932

Briartina 1932

Herrmannina 1933

Trilobita

Cyphoproteus 1928

Diacalymene 1928

Metacalymene 1928

Plagiolaria 1952

Brachiopoda

Rhenorensellaeria 1913

Mollusca

Heteropecten 1951 with Costa

HONORS (Fossil)

Kegelidium Dolianiti 1954 (Plantae)

Kegelites Coryell & Booth 1933 (Ostracoda)

Kegelops Alberti 1970 (Trilobita)

William Roland Liebenberg

March 6, 2024

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

William Roland Liebenberg, South-African mineralogist and metallurgist (Lichtenburg District 28 February 1919 – 1988)

SOME BIBLIOGRAPHY

The basal rocks of the Bushveld complex in the Marico District south of Dwarsberg. Trans. Geol. Soc. S. Africa 45:81-108, 1942

Notes on the occurrence of a pleochroic variety of cassiterite from South Africa. Trans. Geol. Soc. S. Africa 48:1-9, 1945

With L.H. Ahrens. Geochemical studies on some of the rarer elements in South African minerals and rocks. I. Lithium in mica and feldspar. Trans. Geol. Soc. S. Africa 48:75, 1945

With L.H. Ahrens. Qualitative spectrochemical analysis of minerals and rocks. Trans. Geol. Soc. S. Africa 49:133, 1946

Rare minerals in the Banket of the Witwatersrand system. Dissertation, Pretoria University (1948)

With L.H. Ahrens. Tin and indium in mica as determined spectrographically. Am. Miner. 35:571-8, 1950

The occurrence and origin of gold and radioactive minerals in the Witwatersrand System, the Dominion reef, the Ventersdorp Contact Reef and the Black Reef. Trans. Geol. Soc. South Africa, vol 58, 1955

A mineralogical approach to the development of the uranium extraction processes practiced on the Witwatersrand. J. S. Afr. Inst. Min. Metal. 21:153-208, 1956

The mode of occurrence and theory of origin of the uranium minerals and gold in the Witwatersrand ores. Proc. 2nd Intern. Conf. Peaceful Uses of Atomic Energy (1958)

With R.J. Ortlepp. Mineralogical report on samples of ore from the Namib lead mine (1958)

On the origin of uranium, gold and osmiridium in the conglomerates of the Witwatersrand goldfields. Neues Jahrb. Mineral. 94:831-67, 1960

With A.J. Burger & L.O. Nicolaysen. Evidence for the extreme age of certain minerals from the Dominion Reef conglomerates and the underlying granite in the Western Transvaal. Geochim. Cosmochim. Acta 26:15-24, 1962

With H. Schweigart. Mineralogy and chemical behavior of some refractory gold ores from the Barberton Mountain Land. Report, National Inst. Metallurgy 8, 1966

Mineralogical features of gold ores in South Africa (Gold metallurgy in South Africa). Chamber of Mines S. Africa (1972)

HONORS

Liebenbergite de Waal & Calk 1973 (Mineral)

Wolfgang Meckbach

April 9, 2024

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

Wolfgang Wilhelm Richard Franz Joachim Meckbach, German-born Argentine atomic physicist (Frankfurt am Main, Hessen Province 22 May 1919 – San Carlos de Bariloche 31 August 1998)

Expert on microwave spectroscopy

With Manlio Abele. Design and performance of a hot cathode magnetically collimated arc discharge ion source. Rev. Sci. Instrum. 30:335, 1959

Discovered the non-existence of isotope effect in charge changing collisions

With E.R. Salvatelli & G. Lantschner. Search for a possible isotope effect in charge changing collisions involving hydrogen and deuterium. J. Physics 82:772, 1969

HONORS

Asteroid 7971 Meckbach

Wook Hyun Kwon

March 2, 2024

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

Wook Hyun Kwon, South Korean electrical engineer (19 January 1943 –

Authored over 150 international journal papers

Introduced the concept of receding horizon control

A modified quadratic cost problem and feedback stabilization of linear systems. IEEE Trans. Autom. Control Vol AC 22(5), 1977

First to introduce a reduction transformation method for control-delayed systems

With A.E. Pearson. Feedback stabilization of linear systems with delayed control. IEEE Trans. Autom. Control Vol AC 25(2), 1990

Introduced for the first time a H-infinity control method for time-delay systems

With J.H. Lee & S.W. Kim. Memoryless H controllers for state delayed systems. IEEE Trans. 39(1), 1994

Introduced a very useful and powerful inequality equation for robust stabilizing controls for time delay systems

With Y.S. Moon, P.G. Park & Y.S. Lee. Delay dependent robust stabilization of uncertain state-delayed systems. Intern. J. Control 74(14), 2001

PATENTS (24 patents in South Korea)

With M.K. Cho & E.S. Cho. Non-volatile memory devices that include a section transistor having a recessed channel and methods of fabricating the same. USPTO 20060023558

With J.I. Han. Selective erase method for flash memory USPTO 20060018163

With K.Y. Na. Non-volatile memory device and fabrication method USPTO 6849506 (2003)

With K.Y. Na. Non-volatile memory device and fabrication method USPTO 20040048432

With K.Y. Na. Non-volatile memory device and fabrication method USPTO 20020017680

With K.Y. Na. Non-volatile memory device with a floating gate having a tapered protrusion USPTO 6649967 (2001)

With K.Y. Na, S.B. Lee, Y.H. Kim & W.L. Choi. Method for fabricating connection between segment transistor and memory cell region of flash memory device. USPTO 6566197 (2001)

With K.Y. Na, S.B. Lee, Y.H. Kim & W.L. Choi. Method for fabricating connection structure between segment transistor and memory cell region of flash memory device USPTO 20020025635

Nonvolatile memory, cell array thereof, and method for sensing data therefrom USPTO 20030002335

Nonvolatile memory, cell array thereof, and method for sensing data therefrom USPTO 6501680 (2002)

Nonvolatile memory, cell array thereof, and method for sensing data therefrom USPTO 6438027 (2001)

Nonvolatile memory, cell array thereof, and method for sensing data therefrom USPTO 20020060337

Nonvolatile memory, cell array thereof, and method for sensing data therefrom USPTO 6313501 (2000)

Fabrication method of triple polysilicon flash eeprom arrays USPTO 6218246

With G.B. Lee, K.S. Kim, S.A. Nam & N.J. Son. Method of manufacturing semiconductor device USPTO 9564340 (2015)

With G.B. Lee, K.S. Kim, S.A. Nam & N.J. Son. Method of manufacturing semiconductor device USPTO 20160225635

With B.G. Park, Y.H. Song & Y. Kim. Methods of forming and operating semiconductor device. USPTO 8354708 (2011)

With B.G. Park, Y.H. Song & Y. Kim. Methods of forming and operating semiconductor device. USPTO 20110194356

Non-volatile memories, cards, and systems including shallow trench isolation structures with buried bit lines. USPTO 20110302363

Methods of forming shallow trench isolation structures with buried bit lines in non-volatile memories. USPTO 8022462 (2008)

With B.G. Park, Y.H. Song & Y. Kim. Semiconductor device and methods of forming and operating the same. USPTO 7928501 (2009)

With B.G. Park, Y.H. Song & Y. Kim. Methods of forming and operating semiconductor device. USPTO 20100001339

With K.N. Kim, C.K. Park, S.M. Jung & S.P. Sim. Multilevel integrated devices and methods of forming the same USPTO 7586135 (2006)

With M.K. Cho & E.S. Cho. Non-volatile memory devices that include a selection transistor having a recessed channel and methods of fabricating the same USPTO 7547943 (2004)

Non-volatile memory device capable of reducing threshold voltage distribution USPTO 7468924 (2006)

Non-volatile memory device capable of reducing threshold voltage distribution USPTO 20080094923 (2006)

Methods of forming shallow trench isolation structures with buried bit lines in non-volatile memories and devices, cards, and systems so formed USPTO 20080265303 (2008)

Methods of forming non-volatile memory device having floating gate USPTO 7338860 (2005)

Methods of forming non-volatile memory device having floating gate USPTO 20060099756

With D.M. Kim, K.N. Kim, C.K. Park & S.P. Sim. Methods for operating non-volatile memory device USPTO 20070268749

With C.K. Park & S.P. Sim. Contactless nonvolatile memory device and method of forming the same. USPTO 7276415 (2006)

With C.K. Park & S.P. Sim. Contactless nonvolatile memory device and method of forming the same. USPTO 20070105309

With K.N. Kim, C.K. Park, S.M. Jung & S.P. Sim. Multilevel integrated circuit devices and methods of forming the same USPTO 20070176214

With J.I. Han. Selective erase method for flash memory. USPTO 7230853

LINKS

<https://kwonlecture.snu.ac.kr/wp-content/uploads/2018/01/CV-of-Prof-kwon-16-12-21short.pdf>

Wulf Haacke

February 29, 2024

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

Wulf Dietrich Haacke, South African herpetologist (Windhoek 15 December 1936 – Pretoria 30 June 2022)

DESCRIBED NEW SPECIES

Reptilia

Afroedura tirasensis 1965

Bitis xeropaga 1975

Haackgreerius miopus 1982 with Greer

Kolekanos plumicaudus 2008

Pachydactylus tsodiloensis 1966

Pachydactylus vanzyli 1966 with Steyn

Ptenopus kochi 1964

Ramigekko swartbergensis 1996

Rhoptropus diporus 1965

Telescopus finkeldeyi 2013

Typhlacontias rudebecki 1997

Typhlosaurus braini 1964

Typhlosaurus lomiae 1986

Amphibia

Poyntonophrynus grandisonae 1993 with Poynton

HONORS

Haackgreerius Lanza 1983 (Reptilia:Sauria)

Xianguang Hou

February 29, 2024

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

Xianguang Hou, Chinese paleontologist (Fengxian, Jiangsu Province 26 March 1949 –

Described new fossil species in Crustacea, Porifera, Cnidaria, Onychophora, Trilobita, Brachiopoda between others

DESCRIBED FOSSIL INVERTEBRATE GENERA

Abiotrophia 1995 with Kawamura, Sultana. Liu, Yamamoto & Ezaki

Acanthomeridion 1989 with Chen & Lu

Allantospongia 1995 with Rigby

Almenia 1997 with Bergstrom

Amplectobelua 1995 with Bergstrom & Ahlberg

Archisaccophyllia 2005 with Stanley, Zhao & Ma

Archonycophora 1995 with Bergstrom

Archotuba 1999 with Bergstrom, Wang, Feng & Chen

Artiopoda 1997 with Bergstrom

Banffia 2007 with Siveter, Aldridge, Siveter & Gabbott

Batيوفasciculus 1999 with Bergstrom, Wang, Feng & Chen

Bullivetula 2007 with Siveter, Aldridge, Siveter & Gabbott

Cambrocornulitus 2013 with Yang, Vinn & Tian

Cambrofengia 1999 with Bergstrom, Wang, Feng & Chen

Cardiodictyon 1991 with Ramskold & Bergstrom

Chenjiangocaris 1991 with Bergstrom

Choiarella 1995 with Rigby

Chuandianella 1991 with Bergstrom

Clypecaris 1997

Combinivalvula 1987

Concilliterga 1997 with Bergstrom

Cricocosmia 1988 with Sun

Dendrobrachia 2006 with Bergstrom

Dongshania 1998 with Bergstrom

Dongshanocaris 1999 with Bergstrom, Wang, Feng & Chen

Eximipriapululus 2014 with Ma, Aldridge, Siveter, Siveter & Edgecombe

Facivermis 1989 with Chen

Forfexicaris 1999

Fortiforceps 1997 with Bergstrom

Fuxianhuia 1987

Heliomedusa 1987 with Sun

Inquicus 2017 with Cong, Ma, Williams, Siveter, Siveter, Gabbott, Zhai, Goral & Edgecombe

Jianfengia 1987

Jiucunella 1991 with Bergstrom

Jiucunia 1999 with Bergstrom, Wang, Feng & Chen

Kuamaia 1987

Lamellipedia 1997 with Bergstrom

Laminacaris 2019 with Guo, Pates, Cong, Daley, Edgecombe & Chen

Longtancunella 1999 with Bergstrom, Wang, Feng & Chen

Luolishania 1989 with Chen

Lyrarapax 2014 with Cong, Ma, Edgecombe & Strausfeld

Maanshania 1999 with Bergstrom, Wang, Feng & Chen

Maotianshania 1987 with Sun

Megacheira 1997 with Bergstrom

Nectopleura 1997 with Bergstrom
Nidelric 2014 with Williams, Siveter, Siveter, Gabbott, Holwell & Harvey
Occacaris 1999
Omnidens 2006 with Bergstrom & Yang
Onychodictyon 1991 with Ramskold & Bergstrom
Palaeopriapulites 1999 with Bergstrom, Wang, Feng & Chen
Paracrustacea 1997 with Bergstrom
Paraleptomitella 1989 with Chen & Lu
Parapaleomerus 1999 with Bergstrom, Wang, Feng & Chen
Parapeytoia 1995 with Bergstrom & Ahlberg
Paraselkirkia 1995 with Bergstrom & Ahlberg
Paronychophora 1995 with Bergstrom
Parvulonoda 1995 with Ribby
Pectocaris 1999
Petalopleura 1997 with Bergstrom
Pisinnocaris 1998 with Bergstrom
Proschizoramia 1997 with Bergstrom
Protopriapulites 1999 with Bergstrom, Wang, Feng & Chen
Pseudoiulia 1998 with Bergstrom
Quadrolaminella 1990 with Chen & Li
Retifacies 1989 with Chen & Lu
Rhombicalvaria 1987
Rotadiscus 1987 with Sun
Saperion 1991 with Ramskold & Bergstrom
Scleronychophora 1995 with Bergstrom
Shanweinia 1999 with Chen
Sinoburius 1991 with Ramskold & Bergstrom
Skioldia 1997 with Bergstrom
Squamacula 1997 with Bergstrom
Stellostomites 1987 with Sun
Urokodia 1989 with Chen & Lu
Vetulicola 1987
Xandarella 1991 with Ramskold & Bergstrom
Yunnanata 1997 with Bergstrom
Yunnanocaris 1999
Yunnanomedusa 1987 with Sun
Yunnanozoon 1991 with Ramskold & Bergstrom

HONORS (Fossil)

Xianguangia Chen & Erdtmann 1991 (Cnidaria)
Houscolex Zhang & Pratt 1996 (Vermis)

Xing Xue Li

March 6, 2024

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

Xing Xue Li / Hsing-Hsueh Lee, Chinese palaeobotanist (08 April 1917 – 31 October 2010)

DESCRIBED FOSSIL PLANTAE TAXA

Order

Gigantopteridales 1983 with Yao

Genera

Aipteridium 1983 with Yao

Amdrupiopsis 1952 with Sze

Cathaysiodendron 1963

Chiaohoella 1980 with Ye

Chilinia 1980 with Ye

Distichotheca 1974 with Deng, Zhou, Xu & Zhu

Eogymnocarpium 1986 with Ye & Zhou

Fasciopsis 1974 with Deng, Zhou, Xu & Zhu

Gigantonomia 1983 with Yao

Gigantotheca 1983 with Yao

Hamatophyton 1974 with Deng, Zhou, Xu & Zhu

Hunanophyton 1974

Otofolium 1974 with Deng, Zhou, Xu & Zhu

Pectinangium 1974 with Deng, Zhou, Xu & Zhu

Reticaethopteris 1993 with Shen & Wu

Sinophyllum 1952 with Sze

Strigillotheca 1974 with Deng, Zhou, Xu & Zhu

Torreyocladus 1980 with Ye

Algae (1978 with Cai)

Genera

Discinella

Emplectophycus

Uncatoella

HONORS (Fossil Plantae)

Leeites Zoderow & Gao 1991

Lioxylon Zhang, Wang, Saito, Li & Zheng 2006

Xingxueanthus Wang & Wang 2010

Xingxueina Sun & Dilcher 1997

Xingxuephyllum Sun & Dilcher 2002

Xinyuan Li

March 6, 2024

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

Xinyuan Li, Chinese molecular biologist (Hengdong County, Hunan Province November 1927 –

Authored over 400 patents

Discovered many new functions of the interferon mediator 2'-5'A and proved the existence of its receptor, being the first receptor of an oligoN found in the world literature

Discovered the analgesic effect of interleukin 2, found that it could bind to the opioid receptor being the first time to provide substantial data for the regulatory effect of an immune molecule on the function of nerve system

Discovered the ab-irritation of leukocyte amboceptors

Codiscovered a Super Interferon I (SIFN-I) with promising cancer therapeutic effects

Reported total synthesis of yeast Ala tRNA (1980)

Developed gene-virus therapy for cancer

Developed an enzymatic method to synthesize several oligoN with rare base

Held patents involving cytokines

LINKS

www.hhl.org.cn/english/showsub.asp

Y.K. Mathur

April 9, 2024

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

Y.K. Mathur, Indian palaeobotanist

Alone or with his wife **Kawal Mathur** described many new species

DESCRIBED FOSSIL & SPORAE GENERA

Bankurapollis 1987 with Chopra

Clavatricolporoidites 1966

Drasipollenites 1980 with Jain

Durgaipollenites 1987 with Chopra

Echimonocolpites 1966

Echitetrasporites 1995 with Prasad & Jain

Foveopentacolpites 1987 with Chopra

Gangapollenites 1987 with Chopra

Hooghypollenites 1987 with Chopra

Kindopollis 1980 with Jain

Ladakhipollenites 1980 with Jain

Naeratisporites 1969 with K. Mathur

Padmapollenites 1987 with Chopra

Psilainaperturites 1966

Psilamonocolpites 1966

Psilatetracolporites 1963

Retihexacolpites 1966

Retiinaperturites 1966

Retinonacolpites 1966

Retioctacolpites 1966

Retipentacolpites 1966

Retiseptacolpites 1987 with Chopra

Retitetracolpites 1966

Retitricolporoidites 1966

Rinnesporites 1980 with Jain

Sagaripollis 1987 with Chopra

Scabradiporites 1980 with Jain

Scabramonocolpites 1966

Scabrapentaporites 1963

Striainaperturites 1966

Striamonocolpites 1969 with K. Mathur

Striamonoletes 1966

Verrunonacolpites 1966

HONORS

Mathurisorites Kalgutkar & Janson 2000 (Fossil Fungi)

Yanhao Lu

March 6, 2024

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

Yanhao Lu, Chinese paleontologist (Kanshi, Yongding, Fujian Province 16 April 1913 – Nanjing 20 February 2000)

Authored over 160 papers

Recognized as one of the world’s leading trilobites expert

Authored Ordovician trilobite faunas of central and southwestern China (1975) with international acclaim

DESCRIBED TRILOBITE TAXA (1941-90)

Families

Diceratocephalidae 1954

Kueichowiidae 1965

Ordosiidae

Genera/Subgenera

85

HONORS (FOSSIL TRILOBITA except one)

Luaspis Hupé 1953

Luella Huo 1965

Luia Zhang 1957

Sinoluia Li 1988

Luyanhoaaspis Peng 2001

Luyanhaoia Wittke 1984

Yanhaoia Zhou et al. 1988

Luyanhaochiton Yu 1984 (Fossil Mollusca)

Yao-Zeng Huang

February 29, 2024

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

Yao-Zeng Huang, Chinese organic chemist (Nantong, Jiangsu Province 11 November 1912 – 17 December 2002)

Authored over 230 research papers and 9 books

Developed the first catalytic Wittig type reaction and clarified the mechanisms of reactions of organoantimony compounds

A straightforward, efficient and versatile preparation of propargylic alcohols from 1-alkynes and aldehydes via Gal3 and amine. *Tetrahedron Letters* 36(40):7277-80, 1995

With W.B. Wang & L.L. Shi. An efficient SbCl_3 -metal system for allylation, reduction and acetalization of aldehydes. *Tetrahedron* 46(9):3315-20, 1990

With Z.L. Zhou & L.L. Shi. A first example of catalytic ylide epoxidation reaction: facile synthesis of vinyl epoxides from aldehydes catalyzed by diisobutyl telluride. *Tetrahedron Letters* 31(52):7657-60, 1990

With L.L. Shi & S.W. Li. An efficient and stereoselective synthesis of (E)- α -enones via arsonium salts. Preparation of key intermediates for the synthesis of brassinosteroid and prostaglandin. *Synthesis* 12:975-7, 1988

With H.Y. Sheng & S.Y. Lin. A novel palladium-catalyzed rearrangement of acetylenic ketones to furans. *Tetrahedron Letters* 27(40):4893-4, 1986

With Y.C. Shen et al. Syntheses of ethyl perfluoroacetylenic esters and stereochemistry of a novel acetylenic ester-vinyl ether rearrangement

Yedy Israel

February 29, 2024

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

Yedy Israel Jacard, Chilean biochemist (Temuco 19 September 1939 –

Recognized as an international reference on gene therapy of alcoholism

Authored 208 papers, 34 book chapters and 12 books with 12,000 citations and 62H-index

SOME BIBLIOGRAPHY

With M.E. Quintanilla, L. Tampier, E. Karahanian, M. Rivera-Meza & M. Herrera Marschitz. Reward and relapse: complete gene-induced dissociation in an animal model of alcoholic dependence. *Alcohol Clin. Exp. Res.* 36:517-22, 2012

With P. Ocaranza, M.E. Quintanilla, L. Tampier, E. Karahanian & A. Sapag. Gene therapy reduces ethanol intake in an animal model of alcohol dependence. *Clin. Exp. Res.* 32:52-7, 2008

With M.E. Quintanilla, I. Tampier, A. Sapag & Z. Gerdzen. Sex differences, alcohol dehydrogenase, acetaldehyde burst and aversion to ethanol in the rat: a systems perspective. *Am. J. Physiol. Endocrinol. Metab.* 293:E351-7, 2007

With M.E. Quintanilla, A. Sapag & L. Tampier. The UChA and UChB rat lines; metabolic and genetic differences influencing ethanol intake. *Addiction Bull.* 11:310-23, 2006

With M.E. Quintanilla, L. Tampier & A. Sapag. Polymorphisms in the mitochondrial aldehyde dehydrogenase gene (Aldh2) determine peak blood acetaldehyde levels and voluntary ethanol consumption in rats. *Pharmacogenet. Genomics* 15:427-31, 2005

With M.E. Quintanilla, L. Tampier, A. Valle Prieto & A. Sapag. Complex I regulates mutant mitochondrial aldehyde dehydrogenase activity and voluntary ethanol consumption in rats. *FASEB J.* 19:36-42, 2005

Covalent binding of acetaldehyde to liver tubulin: a step in the right direction. *Hepatology* 9:161-2, 1989

With H. Orrego & O. Niemela. Immune responses to alcohol metabolites: pathogenic and diagnostic implications. *Sem. Liver Dis.* 8:81-90, 1988

With F.J. Carmichael, V. Saldivia, J. McKaigney & H. Orrego. Ethanol-induced increase in portal hepatic blood flow: interference by anesthetic agents. *Hepatol. (Baltimore)* 7:89-94, 1987

With E. Hurwitz, O. Niemela & R. Arnon. Monoclonal and polyclonal antibodies against acetaldehyde-containing epitopes in acetaldehyde-protein adducts. *Proc. Natl. Acad. Sci. USA* 83:7923-7, 1986

With S. Holt & H.A. Skinner. Early identification of alcohol abuse: clinical and laboratory indicators. *Can. Med. Assoc. J.* 124:1279-95, 1981

With H. Orrego. Hepatocyte demand and substrate supply as factors in the susceptibility to alcoholic liver injury: pathogenesis and prevention. *Clin. Gastroenter.* 10:355-73, 1981

With J. Talesnik & S. Belo. Enhancement of noradrenaline-induced metabolic coronary dilation by ethanol. *Eur. J. Pharmacol.* 61:279, 1980

With J.M. Khanna. Ethanol metabolism. *Int. Rev. Physiol.* 21:275-15, 1980

With J.M. Khanna, H. Orrego, G. Rachamin, S. Wahid, R. Britton, A. MacDonald & H. Kalant. Studies on metabolic tolerance to alcohol, hepatomegaly and alcoholic liver disease. *Drug Alcohol Depend.* 4:109-18, 1979

With L. Videla, V. Fernandes-Vilela & J. Bernstein. Effects of chronic ethanol treatment and thyroxine administration on ethanol metabolism and liver oxidative capacity. *J. Pharmacol. Exp. Ther.* 192:565, 1975

With L. Videla, K.W. Flattery & E.A. Sellers. Ethanol metabolism and liver oxidative capacity in cold acclimation. *J. Pharmacol. Exp. Ther.* 192:575, 1975

With H. Kalant, H. Orrego, J.M. Khanna, L. Videla & J.M. Phillips. Experimental alcohol-induced hepatic necrosis: suppression by propylthiouracil. *Proc. Natl. Acad. Sci. USA* 72:1137-41, 1975

With L. Videla & J. Bernstein. Liver hypermetabolic state after chronic ethanol consumption: hormonal interrelations and pathogenic implications. *Fed. Proc.* 34:2052-9, 1975

With H. Seiden & H. Kalant. Activation of ethanol metabolism by 2,4-dinitrophenol in the isolated perfused rat liver. *Biochem. Pharmacol.* 23:2334, 1974

With J. Bernstein & I. Videla. Metabolic alterations produced in the liver by chronic ethanol administration. II. Changes related to energetic parameters of the cell. *Biochem. J.* 134:515, 1973

With D.B. Goldstein. Effects of ethanol on mouse brain (Na⁺K⁺) activated adenosine triphosphate. *Life Sci.* 2(2):957-63, 1972

Cellular effects of alcohol. A review. *Quart. J. Stud. Alcohol* 31:293-316, 1970

With L. Videla. Factors that modify the metabolism of ethanol in rat liver and adaptive changes produced by its chronic administration. *Biochem. J.* 118:275, 1970

With H. Kalant & M.A. Mahon. The effect of ethanol on acetylcholine synthesis, release and degradation in brain. *Can. J. Physiol. Pharmacol.* 45:172, 1967

With H. Kalant & A.E. LeBlanc. Effect of lower alcohols on potassium transport and microsomal adenosine triphosphatase activity of rat cerebral cortex. *Biochem. J.* 100:27-33, 1966

With H. Kalant. Effect of ethanol on electrolyte transport and electrogenesis in animal tissues. *J. Cell. Comp. Physiol.* 65:127, 1965

With H. Kalant. Effect of ethanol on the transport of sodium in the frog skin. *Nature* 200:476, 1963

PATENTS (6 patents for treatment of alcoholism-related products)

With M.E. Quintanilla Gonzalez, L. Tampier De Jong, A.D. Bustamante Cadiz, M. Herrera Marschitz & E. Karahanian Vartevanian. Expression vectors which inhibit synthesis of catalase and uses thereof (20120107923)

HONOURS

Jellinek Memorial Award in Alcoholism, Jellinek International Foundation (1980)

Distinguished Researcher Award, US Research Society on Alcoholism (1990)

Thurman Lectureship Award, Bowes Center for Alcohol Studies, University of, North Carolina (2006)

Ishii Memorial Award, International Society for Biomedical Research on Alcoholism (2014)

Lieber Lectureship Award, European Society for Biomedical Research on Alcoholism (2017)

Yin-chi Hsu

February 29, 2024

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

Yin-chi Hsu or Yinqi Xu, Chinese entomologist and parasitologist (09 September 1905 – 29 January 1986)

DESCRIBED NEW TAXA

Acari

Genera

Globularoschongastia 1955 with Chen

Multisetosa 1963 with Wen

Paradoloisia 1965 with Chen

Striatiscuta 1982 with Hsu

Ephemeroptera

Genus

Neopotamanthodes 1938

Species

At least 15

HONORS

Hsuella Wang, Li & Shi 1989 (Acari)

Yisheng Mao

April 9, 2024

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

Yisheng Mao, Chinese structural engineer (Dantu, Jiangsu Province 09 January 1896 – Beijing 12 November 1989)

Authored over 200 papers and 6 books

Regarded as founder of modern bridge engineering

Authored his dissertation Secondary stresses in Bridge Truss where enunciated Mao law (1919)

MEMBERSHIP

Senior Member, International Bridge and Structural Project Association

Foreign Academician, National Academy of Sciences, United States (1956)

Honorary Members, Canadian Society of Civil Engineers

Yiyi Li

March 6, 2024

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

Yiyi Li, Chinese metallurgist (Suzhou, Jiangsu Province 20 October 1933 –

Authored over 150 scientific publications

ACHIEVEMENTS

Important contributions in the diffusion and penetration behavior of hydrogen in metals, transformation of alloys under cryogenic and micro-gravity conditions

Designed the Fe-Mn-Al system phase diagram and the phase appraisal method

First to have experimentally observed the pole mechanism of stacking fault superimposition during martensitic nucleation and growth

Discovered that antiferromagnetic transformation exists in low temperature and in Fe-Mn alloy

Measured the comprehensive mechanical and physical properties of cryogenic steels between 42 K and 300 K

First to propose a technical route for high-pressure hydrogen charging in a hot gaseous environment

DEVELOPED

5 kinds of intensity level hydrogen resistance steel

9 series of steels

Novel materials (e.g. steels) for specific functions

High strength nonmagnetic stainless steels for use at ultra-low temperature on the superconducting magnet of controlled fusion reactors

PATENTS

115

LINKS

<http://www.hhl.org.cn/english/showsub.asp?id=185>

Yolanda Irureta de Mila

February 29, 2024

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

Yolanda Irureta Story de Milá de la Roca, Venezuelan microbiologist (Puerto España, Trinidad 09 January 1923 – Caracas 23 November 2011)

With B. Azuaje, O. Gil, F. Milá de la Roca & Y. Inciarte de Morillo developed Caracas fermenter for production of tetanic toxoid (1970s) with US patent number 4318992 (1982)

With B. Azuaje & O. Gil. Fermentador Caracas. Rev. Inst. Nac. Hig. Rafael Rangel 11(3-4):113-28, 1978

Developed a method for purification and concentration of tetanic toxoid

With T. Goldstein & B. Azuaje. Metodo para concentrar y purificar el toxoide tetanico. Rev. Inst. Nac. Hig. Rafael Rangel 13(4):99-106, 1980

Developed Caracas fermenter for production of pertussis vaccine

With B. Azuaje. El fermentador Caracas adaptado para la producción de vacuna pertusis. Rev. Inst. Nac. Hig. Rafael Rangel 15(1-2):47-62, 1982

Yong-Choen Lieou

March 6, 2024

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

Yong-Choen Lieou, Chinese physician (1897 – ?)

Eponym of Barré-Lieou syndrome

Syndrome sympathique cervical postérieur et arthrite cervicale chronique de la colonne vertébrale cervical (Etude Clinique et radiologique). Thesis, Université de Strasbourg (1928)

SOME BIBLIOGRAPHY

Extralabyrinthine vertigo due to cervical muscle lesions. J. Laryngol. 70:356-61, 1956

With C.C. Kouo. Serial passage of the virus of Aujeszky's disease by scarifications in the rabbits. C.R. Seances Soc. Biol. Fil. 144:629, 1950

With C.C. Kouo. BCG vaccination: 11 years of experience. Chin. Med. J. 67:275-8, 1949

Carriers of rabies virus. Chin. Med. J. 66:694-9, 1948

With C.C. Kouo. Premier cas chinois de maladie de Aujeszky. Ann. Inst. Pasteur 74:130, 1948

With J.H. Raynal. Vaccin antirabique phénique à base de substances nerveuses autres que celles du Lapin. Disparition des incidents de choc. Ann. Inst. Pasteur 72:832-3, 1946

With J. Fournier. Contribution à l'étude des vibrions cholériques de Changhai. Rev. Med. Franc. Extr. Or. 21:541, 1943

With J.H. Raynal & L. Feissolle. Propriétés biologiques d'un extrait trichloroacétique (antigène complet) obtenu à partir du vibron cholérique. Rev. Immunol. 5:317, 1939

With J. Nordmann. Le nystagmus opto-cinétique. Revue d'Oto-Neuro-Ophthalm. 6:81-107, 1928

With J.A. Barré. Troubles radiculaires et pyramidaux par arthrite cervicale ou tumeur de cette région. Revue Neur. 32:663, 1925

Yongxiang Lu

March 6, 2024

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

Yongxiang Lu, Chinese mechanical engineer (Cixi, Zhejiang Province 28 April 1942 –

Authored over 250 papers

Set up a new principle on feedback of measuring rate of 12 basic parameters: pressure and flow rate

Patented 2-way cartridge electro-hydraulic proportional flow control device and electro-hydraulic proportional pressure control device

Developed a series of new electro-hydraulic proportional control components and engineering application systems

About 25 patents in China and abroad

Youchong Hong

February 29, 2024

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

Youchong Hong or Yu-tsung Hung, Chinese paleoentomologist (Nanao County, Guangdong Province November 1929 – Beijing 04 July 2019)

Authored over 160 papers and 23 monographs

DESCRIBED FOSSIL GENERA (number of genera)

Insecta

Diptera (143)
Hymenoptera (96)
Coleoptera (91)
Hemiptera (84)
Orthoptera & Protorthoptera (24)
Mecoptera (23)
Odonata & relatives (14)
Psocoptera (8)
Neuroptera (7)
Dictyoptera & Paleodictyoptera (5)
Plecoptera & Paraplecoptera (5)
Megasecoptera (4)
Trichoptera (4)
Glosselytrodea (3)
Ephemeroptera (2)
Embioptera (1)
Lepidoptera (1)
Isoptera (1)

Others

Arachnida (4)
Crustacea (3)
Merostomata (1)

HONORS (Fossil)

Hongocaloneura Evenhuis 1994 (Diptera)
Hongscarabaeus Krell 2000 (Coleoptera)
Hongosmylites Makarkin & Archibald 2005 (Neuroptera)
Hongoblatta Ozdikmen 2008 (Orthoptera)
Hongius Ozdikmen 2008 (Palaeodictyoptera)
Hongocallis Wegierek 2010 (Hemiptera)
Hongchoristites Hernandez 2018 (Mecoptera)

Youtang Hou

February 29, 2024

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

Youtang Hou, Chinese paleontologist (23 May 1919 – Nanjing 18 January 2010)

DESCRIBED FOSSIL OSTRACODA TAXA

Genera

- Albileberis* 1982
- Candoniella* 1982 with Yang
- Chinocypridea* 1985
- Cristocypridea* 1977
- Hupehella* 1955
- Lineocypris* 1982 with Ho
- Ovalicypridea* 1985
- Perijonesina* 1955
- Perimarginia* 1955
- Quadracypris* 1982
- Rhombocypridea* 2002
- Sinocythere* 1982
- Sinocytheridea* 1982
- Sinoprimitia* 1953
- Talicypris* 1985
- Yumenia* 1958

Subgenera

- Humenia* 1958
- Yuenia* 1958

Species

About 130

Yuan Tseh Lee

March 6, 2024

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

Yuan Tseh Lee, Taiwanese chemist (Hsinchu 19 November 1936 –

ACHIEVEMENTS

Developed a molecular beam technique for detailing chemical reactions

With Doug Mc Donald, Pierre Le Breton & George Pisiello constructed an universal crossed molecular beams apparatus equipped with electron bombardment ionizer and mass spectrometer detector that enabled studying problems associated to reaction dynamics, photochemical processes and molecular spectroscopy (1967-8)

Designed a mass spectrometer detection system for monitoring collisions and scattering effects

Held many patents

HONORS

Chemistry Nobel Prize (1986)

Yugan Jin

March 1, 2024

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

Yugan Jin / Yu-gan Ching, Chinese paleontologist and stratigrapher (Dongyang County, Zhejiang Province 26 December 1937 – Nanjing 26 June 2006)

Authored over 100 papers and monographs

Recognized as one of the world's leading authorities on brachiopod paleontology and Permian stratigraphy

With B.R. Wardlaw, B.F. Glenister & C.V. Kotlyar developed a new three-fold Permian timescale immediately accepted by the International Commission on Stratigraphy of International Union of Geological Societies (1997)

DESCRIBED BRACHIOPODA GENERA

Alatoproductus 1978 with Zhu
Ancorhynchia 1979 with Ye
Bandoproductus 1981 with Sun
Bullarina 1981 with Sun
Calliomarginatia 1976
Carinokoninckina 1977 with Fang
Eoseptaliphoria 1976 with Sun
Excavatorhynchia 1977 with Fang
Galeatathyris 1984
Gondolina 1966 with Liao
Himalairhynchia 1976 with Sun
Lamellokoninckina 1977 with Fang
Lamellosathyris 1983 with Fang
Lancangjiangia 1977 with Fang
Laterispina 1991 with Wang
Liraplecta 1981 with Sun
Lunarhynchia 1997 with Mancenido & Sun
Lunpolaia 1979 with Ye
Markamia 1985 with Shi
Moquellina 1979 with Sun & Ye
Neoplicatifera 1974 with Liao & Fang
Ninglangothyris 1977 with Fang
Nyalamurhynchia 1976 with Sun & Rong
Peltichia 1981 with Liao
Pseudolepismatina 1976 with Sun
Pygmochonetes 1978 with Hu
Rugoconcha 1981 with Sun
Tenuichonetes 1978 with Hu
Tibetothyris 1976 with Sun
Titanothyris 1982 with Sun
Tongzithyris 1974 with Liao & Fang
Trochifera 1979 with Ye
Tulungospirifer 1976 with Sun
Uncisteges 1978 with Hu
Urushtenoidea 1978 with Hu
Vitiliproductus 1974 with Liao
Weiningia 1974 with Liao
Xenothyris 1976 with Sun & Rong
Yarirhynchia 1981 with Sun
Yuezhuela 1979 with Ye

HONORS (Fossil)

Jinogondolella Mei & Wardlaw 1994 (Conodonta)
Jinomarginifera Shen, Shi & Archbold 2003 (Brachiopoda)
Yuganotheca Zhang, Li, Holmer, Brock, Balthasar et al. (Lophophorata)

Yuk Wing Lee

March 6, 2024

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

Yuk Wing Lee, Chinese / US electrical engineer (Macao 14 April 1904 – California November 1989)

Authored 25 papers

First used the term network synthesis filters in modern sense (1930)

First used the term synthesis to describe the process of assembling an array of elements to meet a specific set of performance requirements in Synthesis of Networks by means of Fourier transforms of Laguerre functions (1932)

Authored Applications of Statistical Methods to Communication Problems with great repercussion (1950)

Authored book Statistical Theory of Communication (1960) regarded as a milestone in the history of communication theory

Developed and patented electrical network systems with N. Wiener (1930-6)

Held at least 3 patents with Norbert Wiener

Yun-chu Hsu

February 29, 2024

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

Yun-chun Hsu or Yongchun Xu, Chinese botanist and forester (1910 – ?)

DESCRIBED PLANTAE SPECIES

Betula gymnoterminalis 1983 with Wang

Burretiodendron kydiifolium 1990 with Zhuge

Castanopsis densispinosa 1975 with Jen

Castanopsis oblonga 1975 with Jen

Cyclobalanopsis bapouensis 1983 with Li

Cyclobalanopsis fulviseriacus 1983 with Wang

Cyclobalanopsis jinpinensis 1976 with Jen

Cyclobalanopsis longifolia 1983 with Dong

Cyclobalanopsis nengpulaensis 1992 with Li

Cyclobalanopsis ningangensis 1979 with Cheng

Cyclobalanopsis pinbianensis 1976 with Jen

Cyclobalanopsis semisseratoides 1976 with Jen

Cyclobalanopsis tenuicupula 1979 with Jen

Cyclobalanopsis tomentosinervis 1976 with Jen

Cyclobalanopsis yingjiangensis 1979 with Jen

Cyclobalanopsis yingjiangensis 1983 with Dong

Elaeocarpus longlingensis 1988 with Tang

Grewia yinkiangensis 1995 with Zhuge

Lithocarpus calolepis 1976 with Jen

Lithocarpus dulongensis 1992 with Li

Lithocarpus grandicupula 1983 with Ho & Dong

Lithocarpus hypoviridis 1983 with Sun & Qian

Lithocarpus jingdongensis 1983 with Qian

Lithocarpus luchunensis 1976 with Jen

Lithocarpus pachyphylloides 1983 with Sun & Qian

Lithocarpus tabularis 1976 with Jen

Quercus fimbriata 1976 with Jen

Quercus kongshanensis 1976 with Jen

Quercus monnula 1979 with Jen

Quercus obconica 1998

HONORS

Hsuia Ferris 1950 (Hemiptera)

Yung Chil Hah

February 29, 2024

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

Yung Chil Hah, South Korean microbiologist and biochemist (01 July 1935 –

NEW SUBSTANCES

With K.L. Min, Y.H. Kim, Y.W. Kim & H.S. Jung. Characterization of a novel laccase produced by the wood-rotting fungus *Phellinus ribis*. Arch. Biochem. Biophys. 392(2): 279–86, 2001

With H.D. Youn, E.J. Kim, J.H. Roe & S.O. Kang. A novel nickel-containing superoxide dismutase from *Streptomyces* spp. Biochem. J. 318:889–96, 1996

With K.S. Shin, H.D. Youn, Y.H. Han & S.O. Kang. Purification and characterization of D-glucose oxidase from the white-rot fungus *Pleurotus ostreatus*. Eur. J. Biochem. 215:747–52, 1993

With J.U.N. Bae, S.O. Kang, S.W. Hong & K.J. Lee. Isolation of salicylate-degrading plasmid from *Pseudomonas putrida* (1986)

With M.J. Lee & C.K. Kim. Isolation and identification of agar, carragenin and fumorin

NEW TAXA (Bacteria)

Genera

Asanoa 2001 with Lee

Hongia 2000 with Lee & Kang

Skermania 1997 with Chun, Blackall, Tang & Goodfellow

Species

Amycolatopsis albidoflavus 2001 with Lee

Amycolatopsis thermoflava 1999 with Chun, Kim, Oh, Seong, Lee, Bae, Lee, Kang & Goodfellow

Asanoa ishikariensis 2001 with Lee

Catellatospora koreensis 2000 with Lee & Kang

Hongia koriensis 2000 with Lee & Kang

Nocardia flavorosea 1998 with Chun, Seong, Bae, Lee, Kang & Goodfellow

Nocardia salmonicida 1999 com Isik, Chun & Goodfellow

Nocardia uniformis 1999 with Isik, Chun & Goodfellow

Pseudonocardia kongjuensis 2001 with Lee, Kim, Min & Kang

Pseudonocardia spinosipora 2002 with Lee, Kim & Kang

Saccharothrix violaceae 2000 with Lee, Kim, Ro & Kang

Skermania piniformis 1997 with Chun, Blackall, Tang & Goodfellow

Streptomyces seoulensis 1997 with Chun, Youn, Yim, Lee, Kim & Kan

METHODS

Patented device and method for detecting *Helicobacter pylori* in biopsy (2001)

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OTHERS

With H.S. Kim, S.O. Kang et al. Free radicals generated during the glycation reaction of amino acids by methylglyoxal. A model study of protein cross-linked free radicals. J. Biol. Chem. 270:282228–33, 1995

With H.D. Youn & S.O. Kang. Role of laccase in lignin degradation by white-rot fungi. FEMS Microbiol. Lett. 132:183–8, 1995

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With S.W. Hong & K.H. Min. The biochemical constituents and their changes during the fermentation of takju. Microbiol. Soc. Korea 8(3):107–15, 1970

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HONOURS (Bacteria)

Hahella Lee, Chun, Moon, Ko, Lee, Lee & Bae 2001

Hahyoungchilella Kim & Lee 2019

Yunhui Huang

February 29, 2024

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Yunhui Huang or Yung-hwei Huang, Chinese geologist and mineralogist (Feng County, Jiangsu Province 1926 –

DESCRIBED NEW

Minerals

Hsianghualite 1957 with S.H. Tu, K.H. Wang, C.L. Chao & C.C. Yu

Suolunite 1965

Mengxianminite 1986 with X. Zhou & G. Li

Rocks

Hsianghualingite 1984 with S.H. Tu

HONORS

Huangite Li, Peacor, Essene, Brosnahan & Beane 1992 (Mineral)

Zhengli Li

March 6, 2024

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Zhengli Li or Chenglee Lee, Chinese plant morphologist (fl.1948)

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With Z.M. Zhang, S.C. Clayton & K.M. Cui. Developmental synchronization of male and female gametophytes in *Ginkgo biloba* and its neck mother cell division prior to fertilization. *Physiol. Plantarum* 147(4), 2012

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With C.J. Ji & X. Yang. Ultrastructural studies on megaspore formation in *Ginkgo biloba*. *Acta Bot. Sinica* 41(12):1323-6, 1999

With Y.J. Fan & K.M. Cui. Comparative anatomical observations of wood structures of *Pinus yunnanensis* and *P. yunnanensis* var. *pygmaea*. *Acta Bot. Sin.* 36:502-5, 1994

Development of dyes used in plant microtechniques. *Chin. Bull. Botany* 8(1):53-7, 1991

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With P. Baas, X.Y. Zhang, K.M. Cui & Y.F. Deng. Some effects of dwarf growth on wood structure. *IAWA* 5(1):45-63, 1984

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With Y.L. Kwei. Anatomical studies of the leaf structure of Chinese pines. *Acta Bot. Sinica* 11:44-66, 1963

With H. Chang. Comparative studies on the mature embryo of *Pinus koraiensis* grown in vitro. *Scientia Sinica* 12:1149-59, 1963

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HONORS

Zhenglia Hao, Wang, Wang & Xue 2006 (Fossil Plantae)

Zhiheng Liu

March 6, 2024

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Zhiheng Liu, Chinese microbiologist (Xishua County, Henan Province 09 May 1940 –

With Z. Lu & W. Qi. A procedure for developing selective isolation of *Pseudomonocardiacetes* from soil samples (2000)

DESCRIBED BACTERIA TAXA

Genera

Actinoalloteichus 2000 with Tamura, Zhang & Hatano

Ruania 2007 with Gu, Mariola, Luo, Gamian & Huang

Yuhushiella 2011 with Mao, Wang, Dai, Zhang, Tang, ren, Yang, Goodfellow & Zhang

Species

Over 90

HONORS

Bergey's Honorary Medal, International Society for Microbial Systematics (2011)

Genus *Zhihengliuella* Zhang, Schumann, Lu, Liu, Zhang, Xu, Stackebrand, Jiang & Li 2007 (Bacteria)

Zilkar Cavalcante Maranhão

April 9, 2024

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Zilkar Cavalcante Maranhão, Brazilian agricultural entomologist (Piracicaba, São Paulo State 1913 – Piracicaba, São Paulo State 14 September 1995)

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HONORS

Zilkaria de Menezes 1974 (Hemiptera)

Zohra Ben Lakhdar

March 6, 2024

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Zohra Ben Lakhdar, Tunisian physicist (Salambo 12 March 1943 –

Developed advanced theoretical (ab-initio) and experimental spectroscopic methods to study the influence of pollutants on the quality of air, water and plants

With N.B. Nessib & Dimitrijivik. Simple convergent formula for estimating Stark width of neutral atom lines (1991)

With M. Zhgal, R. Attia & E. Ben Yahya. Development of a laser remote sensing system – LIDAR – for hydrocarbons horizontal profile measurements in the area of 1 km (1996)

With M. Zhgal, M. Saidi, R. Attia & A. Bouallegue. Etude et realisation d'un spectrometre tres haute resolution à diode laser pour la mesure de trace de gaz (1999)

Zoo Shik Lee

March 6, 2024

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Zoo Shik Lee, South Korean microbiologist (fl.1956-1987)

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With K.J. Ahn & W.J. Lee. Electron microscopical observation on the phage *Bacillus subtilis* SNU 816. Korean J. Electron Microscopy 12(1), 1982

With O.H. Lee. Susceptibility of *Bacillus subtilis* SNU 816 to bacteriophage SP 816 during growth and sporulation. Korean J. Microbiol. (1984)

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HONORS

Zooshikella Yi, Chang, Oh, Bae & Chun 2003 (Bacteria)

Zulma Gasparini

February 29, 2024

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Zulma Nélida Brandoni de Gasparini, Argentine vertebrate paleontologist (La Plata 15 May 1944 –

DESCRIBED REPTILIA FOSSIL TAXA

Suborders

Notosuchia 1971

Ziphosuchia 2000 with Ortega, Buscalioni & Calvo

Families

Bretesuchidae 1993

Dolichochampsidae 1980 with Buffetaut

Peirosauridae 1982

Uruguaysuchidae 1971

Genera

Antarctopelta 2006 with Salgado

Ayllusuchus 1984

Bretesuchus 1993 with Fernandez & Powell

Cacibupteryx 2004 with Fernandez & de la Fuente

Carandaisuchus 1985

Dolichochampsa 1980 with Buffetaut

Gallardosaurus 2009

Lakumasaurus 2002 with Novas, Fernandez, Lirio, Nuñez & Puerta

Leivanectes 2019 with Paramo-Fonseca, O' Gorman, Padilla & Parra-Ruge

Lomasuchus 1991 with Chiappe & Fernandez

Maresaurus 1997

Sulcusuchus 1990 with Spalletti

Tuarangisaurus 2003 with Salgado & Casadio

Vinialesaurus 2002 with Bardet & Iturralde-Vinent

Wenupteryx 2012 with Codorniu

Species

Ayllusuchus fernandezi 1984

Antarctopelta oliveroi 2006 with Salgado

Araripesuchus patagonicus 2000 with Ortega, Buscalioni & Calvo

Bretesuchus bonapartei 1993 with Fernandez & Powell

Cacibupteryx caribensis 2004 with Fernandez & de la Fuente

Carandaisuchus nativus 1985 (or *Mourasuchus nativus*)

Cricosaurus araucanensis 1976 with Dellape

Cricosaurus lithographicus 2013 with Herrera & Fernandez

Dakosaurus andiniensis 1996 with Vignaud

Dolichochampsa minima 1980 with Buffetaut

Gallardosaurus iturraldei 2009

Lakumasaurus antarcticus 2002 with Novas, Fernandez, Lirio, Nuñez & Puerta

Leivanectes bernardoi 2019 with Paramo-Fonseca, O' Gorman, Padilla & Parra-Ruge

Lomasuchus palpebrosus 1991 with Chiappe & Fernandez

Maresaurus coccai 1997

Metriorhynchus casamiquelai 1977 with Chong

Metriorhynchus westermanni 1980

Pliosaurus almanzaensis 2018 with O'Gorman & Spalletti

Pliosaurus patagonicus 2014 with O'Gorman

Sulcusuchus erraini 1990 with Spalletti

Trinacromerum lafquenianum 1985 with Goñi
Tuarangisaurus cabazai 2003 with Salgado & Casadio
Wenupteryx uzi 2012 with Codorniu

HONORS (Fossil)

Gasparinisaura Coria & Salgado 1996 (Reptilia)
Zulmasuchus Paolillo & Linares 2007 (Reptilia)
Gasparinisuchus Martinelli, Sertich, Garrido & Praderio 2012 (Reptilia)
Brandonia Bonaparte 2000 (Mammalia)