BIBLIOGRAPHICAL REFERENCES (non exhaustive list)

References with * asterisk are those which include DNA sequence analysis.
As for the first two volumes (2015), complete names were used to make a tribute,
giving justice, even in the scientific world, to the invisible, although numerous, and incredibly active women.

1. Abraham Wolf Rainer. 1986. ***Wigginsia turbinata*** *und einige Verwandte*. Internoto 7(3): 86-89.

2. Abreu Moreira Patricia, Andrea Pires & Marina do Vale Beirão. 2024. *An Announced Extinction: The Impacts of Mining on the Persistence of* ***Arthrocereus glaziovii****, a Microendemic Species of Campos Rupestres*. Conservation 4: 150-162. https://doi.org/10.3390/conservation4020011

3. Aceñolaza, Florencio Gilberto. 2011. *Juan Valentin: un geólogo que supo resumir la geología argentina*. Revista de la Asociación Geológica Argentina, 68(3): 315-321.

4. *Acha Serena & Lucas C. Majure. 2022. *A New Approach Using Targeted Sequence Capture for Phylogenomic Studies across Cactaceae*. Genes 13, 350.

5. Ackerfield Jennifer. 2015. *Flora of Colorado*. Bot. Res. Inst. Texas. 818 pp.

6. Acuña Jose Miguel. 2017. *Adventures in Guantánamo Bay. Looking for* ***Opuntia militaris***. Cact. Adv. Int. 29(1): 20-30.

7. Aguilar-Morales Gisela, Martínez-Peralta Concepción, Feria-Arroyo Teresa Patricia, Golubov Jordan & Mandujano María C. 2011. *Distribución geográfica del género* ***Ariocarpus*** *Scheidweiler (Cactaceae)*. Cact. Suc. Mex. 56(2):49-63.

8. Alain Frère (Alain Liogier). 1952. *Aperçu sur les Cactacées de Cuba.* Cactus Paris 7(34): 133-135.

9. Albesiano Sofía. 2003. *La vegetación del cañón del río Chicamocha (Santander, Colombia).* Caldasia. 25. 73-99.

10. Albesiano Sofía & Terrazas Teresa. 2009. *Rehabilitation and Synonymy of* ***Wigginsia corynodes*** *(Cactaceae)*. Hseltonia 15: 33-40.

11. *Albesiano Sofía & Terrazas Teresa. 2012. *Cladistic analysis of* ***Trichocereus*** *(Cactaceae: Cactoideae: Trichocereeae) based on morphological data and chloroplast DNA Sequences*. Haseltonia 17: 3-23.

12. Albesiano Sofía & Kiesling Roberto 2012. *Identity and Neotypification of* ***Cereus macrogonus****, The Type Species of the Genus* ***Trichocereus*** *(Cactaceae)*. Haseltonia 17: 24–34.

13. Albesiano Sofía. 2012. *A New Taxonomic Treatment of the genus* ***Trichocereus*** *(Cactaceae) in Chile*. Haseltonia 18: 116-139.

14. *Albesiano Sofía. 2015. *Taxonomía y filogenia de* ***Trichocereus*** *(Berg.) Riccob. (Trichocereeae-Cactaceae).* Thesis, La Plata, Argentina, 252 pp.

15. Alcalá Bacigalupo Andrés Alonso, Guillermo Eloy Pino Infante, Luis Enrique Aaron Alomía Collazos. 2021. *Redescubrimiento de* ***Haageocereus lanugispinus*** *F. Ritter en la provincia de Huarmey, (Ancash, Perú)*. Quepo 35: 86-95.

16. Alcalá Bacigalupo Andrés Alonso. 2021. *Nueva localidad de* ***Haageocereus tenuis*** *F.Ritter en el distrito de Ancón (Lima, Perú)*. Quepo 35:7-18.

17. Alfaro Aguilera Rubén, Christian Robles Ruiz, José Serna Cruz, Yovany Alvarado Serna, Cristhian Mogollón Sandoval, Américo Robles Pineda, Héctor Sánchez Suárez, Carlos Ostolaza Nano. 2020. *Ampliación de la distribución norte de* ***Neoraimondia arequipensis subsp. gigantea*** *(Werd. & Backeberg) Ostolaza*. Revista peruana de biologia 27(4): 537-542.

18. Allred Kelly W. 2020. *Flora Neomexicana: Glossarium Nominum. A Lexicon of New Mexico Plant Names*. Self-edited, third edition, 167pp.

19. Almeida Odair J. G., Adelita A. S. Paoli, Luiz A. Souza J. 2010. *Flower morpho-anatomy in* ***Epiphyllum phyllanthus***. Revista Mexicana de biodiversidad 81(1): 65-80.

20. Almeida Odair J.G., Cota-Sánchez Hugo & Paoli Adelita A.S. 2013. *The systematic significance of floral morphology, nectaries, and nectar concentration in epiphytic cacti of tribes Hylocereeae and Rhipsalideae (Cactaceae)*. Evol. & Syst. 15: 255-268.

21. Almeida Odair J. G., Adelita A. S. Paoli, Luiz A. Souza J. & Hugo Cota-Sánchez. 2013. *Seedling morphology and development in the epiphytic cactus* ***Epiphyllum phyllanthus*** *(L.) Haw. (Cactaceae: Hylocereeae)*. Journal of the Torrey Botanical Society, 140(2):196-214.

22. Alvarado-Sizzo, Hernán, Casas, Alejandro, González-Rodríguez, Antonio, Arreola-Nava, Hilda Julieta, & Terrazas, Teresa. 2019. *Clave dicotómica y distribución del complejo de especies* ***Stenocereus griseus*** (Cactaceae). Revista mexicana de biodiversidad, 90, e902675. ePub del 4 de marzo de 2019. https://doi.org/10.22201/ib.20078706e.2019.90.2675

23. Alvarado-Sizzo, Hernán, Casas, Alejandro. 2022. ***Stenocereus*** *list and synonyms*. Ethnobotany of the Mountain Regions of Mexico, https://doi.org/10.1007/978-3-319-77089-5_52-1

24. Anceschi Giovanna & Magli Alberto. 2010. *Cactus in habitat booklet South America* 2005/2010. Ed. MODO.

25. Anceschi Giovanna & Magli Alberto. 2010a. ***Parodia claviceps*** *(F.Ritter) F.H.Brandt and* ***Parodia schumanniana*** *(K. Schumann) F.H.Brandt: New results about the distribution of the two taxa.* Cactus in habitat booklet South America 2005/2010. Ed. MODO.

26. Anceschi Giovanna & Magli Alberto. 2013a. *Observations concerning* ***Parodia*** *(****Eriocactus****)*. The Cactus Explorer, No. 7.

27. Anceschi Giovanna & Magli Alberto. 2013b. *Cactus in habitat booklet South America* 2011/2013. Ed. MODO.

28. Anceschi Giovanna & Magli Alberto. 2013c. *The new monophyletic macrogenus* ***Echinopsis****. No risk of paraphyly, and the most convincing hypothesis in phylogenetic terms*. Cactaceae Systematics Initiatives 31: 24-27.

29. Anceschi Giovanna & Magli Alberto. 2014. *The Position of* ***Parodia turecekiana*** *in the* ***Parodia mammulosa*** *Complex.* The Cactus Explorer 13: 60-73.

30. Anceschi Giovanna & Magli Alberto. 2018. *A synopsis of the genus* ***Parodia*** *Spegazzini s.l. (Cactaceae)*. Bradleya 36: 70-161.

31. Anderson Edward F. 1986. *A revision of the genus* ***Neolloydia*** *Br. & R. (Cactaceae).* Bradleya 4: 1-28.

32. Anderson Edward F. 1987. *A revision of the genus* ***Thelocactus*** *Br. & R. (Cactaceae).* Bradleya 5: 49-76.

33. Anderson Edward F. 1999. *Some Nomenclatural Changes in the Cactaceae, Opuntioideae*. Cact. Succ. J. (Los Angeles) 71(6): 324.

34. Anderson Edward F. 2001. *The Cactus Family*. Timber Press, Portland, Oregon, USA.

35. Anderson Edward F. & Eggli Urs 2005. *Das grosse Kakteenlexikon*. Ulmer Verlag. Stuttgart. (The German translation which augmented and corrected the original English edition of 2001: The Cactus Family).

36. Anderson Greta, Sue Rutman & Seth M. Munson. 2010. *Plant population and habitat characteristics of the endemic Sonoran Desert cactus* ***Peniocereus striatus*** *in Organ Pipe Cactus National Monument, Arizona*. Madroño 57(4) : 220-228.

37. Andrada Aldo Rubén, Valeria de los A. Páez, M. E. Lozzia & Nora B. Muruaga. 2012. *Estudios citológicos en* ***Echinopsis albispinosa*** *(Cactaceae)*. Bol. Soc. Latin. Carib. Cact. Suc. 9(1): 33-37.

38. ***Aona Lydyanne Yuriko Saleme**. 2003. *Caracterização e delimitaação do Gênero* ***Micranthocereus*** *Backeb. (Cactaceae) Baseadas em Caracteres Morfológicos e Moleculares.* Thesis, Universidade Estadual de Campinas, SP, Brazil, 117 pp.

39. ***Aona Lydyanne Yuriko Saleme**. 2008. *Estudo cladístico do gênero* ***Micranthocereus*** *Backeb. (Cactaceae) e gêneros próximos*. Taxonomía y Sistemática 404.

40. *Applequist Wendy L. & Wallace Robert. 2002. *Deletions in the plastid trnT-trnL intergenic spacer define clades within Cactaceae subfamily Cactoideae*. Plant Syst. Evol. 231(1-4): 153-162.

41. Applequist Wendy L. 2012. *Report of the Nomenclature Committee for Vascular Plants: 64 (2021). To reject* ***Echinocactus acanthodes*** *Lem. (Cactaceae).* Proposed by W. Hodgson, A. Salywon & J. L. Reveal in Taxon 60: 910. (2011).

42. Aquino David, R. Cristian Cervantes, David S. Gernandt & Salvador Arias. 2019. *Species Delimitation and Phylogeny of* ***Epithelantha*** *(Cactaceae)*. Systematic Botany 44(3): 600-615.

43. Aquino David, Alejandra Moreno-Letelier, | Miguel A. González-Botello, & Salvador Arias. 2021*. The importance of environmental conditions in maintaining lineage identity in* ***Epithelantha*** *(Cactaceae)*. Ecology and Evolution. March, 1–12.

44. Aquino David, Ulises Guzmán, Pedro González-Zamora & Daniel Sánchez. 2024. ***Mammillaria ariasii*** *(Cacteae, Cactaceae), a new species from the Bajío and adjacent regions, Mexico*. Acta Botanica Mexicana 131: e2286(2024). DOI: https://doi.org/10.21829/abm131.2024.2286

45. Arakaki Mónica. 2002. *Relaciones taxonómicas en el género peruano* ***Weberbauerocereus*** *Backeb. (Cactaceae)*. QUEPO 17: 62-72.

46. Arakaki Mónica, Ostolaza Carlos, Cáceres Fátima & Roque José. 2003. *Cactaceae endémicas del Perú*. Rev. peru. biol. Número especial 13(2): 193-219.

47. Arakaki Mónica. 2006. *Trichocereeae Web*. URL: http://www.flmnh.ufl.edu/soltislab/trichocereeae/default.htm

48. *Arakaki Mónica., Soltis, Douglas. E. & Speranza Pablo. 2007. *New chromosome counts and evidence of polyploidy in* ***Haageocereus*** *and other taxa of tribe*, Brittonia 59(3): 290-297.

49. *Arakaki Monica. 2008. *Systematics of tribe Trichocereeae and population genetics of* ***Haageocereus*** *(Cactaceae)*. PhD. University of Florida, 126 p.

50. *Arakaki Mónica, Soltis Douglas E., Soltis Pamela S., & Speranza Pablo R. 2010. *Characterization of polymorphic microsatellite loci in* ***Haageocereus*** *(Trichocereeae, Cactaceae)*. American Journal of Botany: e17–e19.

51. Arakaki Mónica, Christin Pascal-Antoine, Nyffeler Reto, Lendel Anita, Eggli Urs, Ogburn R. Matthew, Spriggs Elizabeth, Moore Michael. J. & Edwards Erika. J. 2011. *Contemporaneous and recent radiations of the world's major succulent plant lineages*. Proceedings of the National Academy of Sciences 108 (20) 8379-8384. 2011.

52. Arakaki Mónica, Pablo Speranza, Pamela S. Soltis & Douglas L. Soltis. 2012. *Genetic Variability of an Unusual Apomictic Triploid Cactus -* ***Haageocereus tenuis*** *Ritter - from the Coast of Central Peru.* Journal of Heredity 104(1):127-133. 2013.

53. Ardisson Gérard. & Delanoy Gérard. 2002. ***Harrisia earlei*** *Britton & Rose, 1920 dans son habitat***.** Succulentes 25 (4): 25-30.

54. Areces-Mallea, Alberto E. 1980. *Una nueva especie de* ***Harrisia*** *Britt. (Cactaceae: Cereoideae) del extreme occidental de Cuba*. Revista del Jardín Botánico Nacional, 1(1): 13-29. Univ. La Habana, Cuba.

55. Areces-Mallea, Alberto E. 1992. ***Leptocereus santamarinae*** *(Cactaceae), a new species from Cuba***.** Brittonia 44: 45-49.

56. Areces-Mallea, Alberto E. 1996. *New Taxa of* ***Consolea*** *Lemaire (Cactaceae: Opuntioideae) from Cuba*. Brittonia. 48, 224-236.

57. Areces-Mallea, Alberto E. 2000. ***Consolea picardae*** *(Urban) Areces, comb, nov-revalidation of a neglected West Indian opuntioid*. Cact. Succ. J. (Los Angeles) 72(1): 42.

58. Areces-Mallea, Alberto E. 2001. *A New Opuntioid Cactus from the Cayman Islands, B.W.I., with a Discussion and Key to the Genus* ***Consolea*** *Lemaire*. Brittonia. 53, 96-107.

59. Areces-Mallea, Alberto E. 2017. ***Leptocereus demissus*** *a New Species from Southwestern Hispaniola*. Cactus & Succulent Journal (US), 89(3):115-121.

60. Areces-Mallea, Alberto E. 2018a. ***Neohaiticereus*** *a New Subgenus for the Rediscovered Cereeae Depicted in Plumier's Plate 26 of the Botanicon Americanum*. Cactus and Succulent Journal (US) 90(2): 107-118.

61. Areces-Mallea, Alberto E. 2018b. *New taxa of* ***Leptocereus*** *(Cactaceae: Cactoideae) from western Cuba*. Cactus and Succulent Journal (US) 90(4): 258-266.

62. Areces-Mallea, Alberto E. 2023. ***Melocactus praerupticola*** *Areces subsp.* ***pygmaeus*** *(Hoxey, Gdaniec & Ackerman) Areces comb. and statistics. nov.: Review of the Miniature Mountain Melocactus Populations of the Greater Antilles.* Haseltonia, 30(1): 58-66.

63. Arechavaleta José. 1903. *Flora Uruguaya*. Anales del Museo Nacional de Montevideo, Tomo 2, 460 pp.

64. Arellano Elizabeth & Casas Alejandro. 2003. *Morphological variation and domestication of* ***Escontria chiotilla*** *(Cactaceae) under silvicultural management in the Tehuacán Valley, Central Mexico*. Genetic Resources and Crop Evolution, 50 (4): 439-453.

65. Arias Salvador. 1996. Revisión taxonómica del género ***Pereskiopsis*** Britton & Rose (Cactaceae). Thesis, UNAM, Mexico, 111pp.

66. *Arias Salvador, Terrazas Teresa. & Cameron Kenneth. 2003. *Phylogenetic analysis of* ***Pachycereus*** *(Cactaceae, Pachycereeae) based on chloroplast and nuclear DNA sequences*. Systematic Botany 28:547–557.

67. *Arias Salvador, Terrazas Teresa, Arreola-Nava Hilda J., Vázquez-Sánchez Monserrat, Cameron Kenneth M. 2005. *Phylogenetic relationships in* ***Peniocereus*** *(Cactaceae) inferred from plastid DNA sequence data*. Pl. Res. J. 118:317-328.

68. Arias Salvador & Terrazas Teresa. 2006. *Análisis cladístico del género* ***Pachycereus*** *(Cactaceae) con caracteres morfológicos*. Brittonia. 58. 197-216.

69. Arias Salvador, Terrazas Teresa. 2008. **x*Pachebergia*** (Cactaceae), a nothogenus from western Mexico. Rev. Mex. Biodiv. 2008, 79 (1): 23-28.

70. Arias Salvador, Terrazas Teresa. 2009. *Taxonomic Revision of* ***Pachycereus*** *(Cactaceae)*. Systematic Botany 34 (1): 68-83.

71. Arias Salvador Montes, Gama López Susana, Guzmán Cruz & Leonardo Ulises. 1997. *Flora del Valle de Tehuacán-Cuicatlán: fasciculo 14. Cactaceae A. L. Juss*. Inst. de biol., U.N.A.M. Mexico.

72. Arias Salvador & Sánchez-Martínez Emiliano. 2010. *Una especie nueva de* ***Strombocactus*** *(Cactaceae) del río Moctezuma, Querétaro, México***.** Rev. Mex. de Biodiversidad 81: 619- 624.

73. Arias Salvador, Hector J. Tapia & Ulises Guzmán. 2019. *A new species of* ***Cephalocereus*** *(Cactaceae) from Southern Mexico*. Phytotaxa 392 (2): 147-156.

74. Arias Salvador & David Aquino. 2019. *Flora del Bajío y de regiones adyacentes*. Fasc. 209, Cactaceae 1, Inst. de Ecol., Michoacán, Mexico, 295pp.

75. Arredondo Gómez Alberto & Sotomayor J. Manuel. 2009. *Cactáceas en Categoría de riesgo del Estado de San Luis Potosí*. INIFAP, 1, 98 pp.

76. Arreola-Nava Hilda J. & Terrazas Teresa. 2003. *Especies de* ***Stenocereus*** *con aréolas morenas: clave y descripciones*. Acta Botanica Mexicana 64: 1-18.

77. Arroyo-Cosultchi Gabriel, Terrazas Teresa, Arias Salvador, Arreola-Nava Hilda J. 2006. *The systematic significance of seed morphology in* ***Stenocereus*** *(Cactaceae)*. Taxon 55: 983-992.

78. Arroyo-Cosultchi Gabriel, Terrazas Teresa, Arias Salvador & López-Mata Lauro. 2007. *Morfología de la semilla en* ***Neobuxbaumia*** *(Cactaceae)*. Bol. Soc. Bot. Mex. 81: 17-25.

79. Arroyo-Cosultchi Gabriel, Terrazas Teresa, Arias Salvador, López-Mata Lauro. 2010. *Delimitación de* ***Neobuxbaumia mezcalaensis*** *y* ***N. multiareolata*** *(Cactaceae) con base en análisis multivariados*. Boletín de la Sociedad Botánica de México, 53-64.

80. Assis Leandro C. S. 2016. *Semaphoronts: the elements of biological systematics*. The Future of Phylogenetic Systematics, 213–229. doi:10.1017/cbo9781316338797.011

81. Assunção da Silveira Rodrigo. 2015. *Ecologia de **Discocactus pseudoinsignis** e **Discocactus placentiformis** simpátricos e endêmicos da Serra do Espinhaço, MG, Brasil*. Thesis, Universidade Federal de Ouro Preto, 70pp.

82. Austin Daniel F., Binninger David M., & Pinkava Donald J. 1998. *Uniqueness of the endangered Florida semaphore cactus (**Opuntia corallicola**)*. Sida. 18, 527-534.

83. Backeberg Curt. 1930. *Neue und wenig bekannt Cereen aus dem nördlichen Südamerika*. Monatsschrift der Deutschen Kakteen Gesellschaft 2: 161-167.

84. Backeberg Curt. 1943. *Die Gattung **Arthrocereus***. Kakteenkunde pp. 56-62.

85. Backeberg Curt. 1958-60. *Die Cactaceae*. Gustav Fischer Verlag: Jena (Germany).

86. Backeberg Curt. 1965. *Sur **Acanthocereus** et **Peniocereus***. Cactus (Paris) 85: 103–108.

87. Backeberg Curt. 1976. *Cactus Lexicon, Enumeratio diagnostica Cactacearum*. Blandford Press. Poole, Dorset.

88. Baker Marc A. & Johnson Robert A. 2000. *Morphometric Analysis of **Escobaria sneedii var. sneedii, E. sneedii var. leei,** and **E. guadalupensis** (Cactaceae)*. Systematic Botany (2000), 25(4): 577–587.

89. Baker Marc A. & Pinkava Donald J. 2001. ***Cylindropuntia delgadilloana**, una nueva cholla (Cactaceae) de Baja Californa, México*. Revista de la Academia de Ciencias de Arizona-Nevada, 33 (2): 154-156.

90. Baker Marc A. 2006. *Circumscription of **Echinocereus arizonicus** subsp **arizonicus**: Phenetic analysis of morphological characters in section triglochidiatus (Cactaceae) part II*. Madroño 53: 388-399.

91. Baker Marc. 2007a. *Further elucidation of the taxonomic relationships and geographic distribution of **Escobaria sneedii var. sneedii, E. sneedii var. leei,** and **E. guadalupensis** (Cactaceae)*. Southwestern rare and endangered plants p.16-23.

92. Baker Marc. 2007b. *A multivariate study of morphological characters for **Echinocactus horizonthalonius** and **E. texensis** (Cactaceae)*. Arizona State University.

93. Baker Marc, Rebman Jon, Parfitt Bruce, Pinkava Donald & Zimmermann Allan. 2009. *Chromosome numbers of some cacti of the Western North America*. Haseltonia 15 (7): 117-134.

94. Baker Marc A. & Butterworth Charles A. 2013. *Geographic distribution and taxonomic circumscription of populations within **Coryphantha** section Robustispina (Cactaceae).* Am. J. Bot. 100: 984-997.

95. Baker Marc A. & Michelle A. Cloud-Hughes. 2014. ***Cylindropuntia chuckwallensis** (Cactaceae), una nueva especie de Condados de Riverside e Imperial, California*. Madroño, 61 (2): 231-243.

97. Baker Marc A. 2016. *Morphological and cytological analyses in **Cylindropuntia** (Cactaceae): The taxonomic circumscription of **C. echinocarpa, C. multigeniculata**, and **C. whipplei***. Journal of the Botanical Research Institute of Texas. 10: 325-343.

98. Baker Marc A. & Porter Mark J. 2016. *The Use of Multivariate Analises of Morphological Characters and DNA analyses for assessing the Taxonomic Ranking of Rare Plant Taxa: an Example Comparing Populations of **Echinomastus erectocentrus** var. **acunensis** with those of its relatives **E. erectocentrus** var. **erectocentrus** and **E. johnsonii***. Endangered Species, Nova Sciences Publishers, pp. 19-62.

99. Baker Marc A. & Pinkava Donald J. 2018. *Chromosome numbers in some Cacti of Western North America IX*. Haseltonia 25: 5-29.

100. Baker Marc A. 2019. *Clarification of the name **Cylindropuntia wolfii** (Cactaceae) and an account of the species.* Madroño, 66(2): 76-79. 2019.

101. Baker Marc A., Michelle A. Cloud-Hughes, Jon P. Rebman, & Lucas C. Majure. 2019. *Nomenclatural Changes in **Cylindropuntia** (Cactaceae).* Madroño, 66(3): 92-96.

102. Baker Marc A. 2022. *A Multivariate Study of* Morphological *Characters for **Echinocactus horizonthalonius** and **E. texensis** (Cactaceae) and Description of a New Subspecies, **E. horizonthalonius** subsp**. australis***. Diversity 14(12): 1020.

103. Balvin Aguilar Margarita, Anthony Pauca Tanco, Víctor Quipuscoa Silvestre, Luis Villegas Paredes. 2019. *Morphology, distribution and ecological aspects of **Eulychnia ritteri** Cullman in the department of Arequipa*. 2nd Symposium of CITES species 2018. https://doi.org/10.7490/f1000research.1116415.1.

104. Bárcenas-Argüello María Luisa, Gutiérrez-Castorena Ma. del Carmen, Terrazas Teresa, López-Mata Lauro. 2010. *Rock–Soil Preferences of Three (Cactaceae) Species of Tropical Dry Forests.* Soil Sci. Soc. Am. J., 74: 1374–1382.

105. ***Bárcenas Argüello María Luisa**. 2011. *Distribución Ecológica del Subgénero Neodawsonia Backeb. del Género **Cephalocereus*** Pfeiffer (Cactaceae) en el Istmo de Tehuantepec, México. Tesis, México.

106. Bárcenas Rolando T. & Hawkins Julie A. 2007. *The discovery of a previously unknown isotype of **Opuntia vilis** Rose (Opuntioideae: Cactaceae)*. Haseltonia 13: 83–88.

107. ***Bárcenas Rolando T., Yesson Chris, & Hawkins Julie A.** 2011. *Molecular systematics of the Cactaceae*. Cladistics 27:470–489.

108. Bárcenas Rolando T., Hawkins Julie A., & Chiang, F. (2012). *Typification of Four North American Club-Chollas:the Names of Four Engelmannian Species from Mexico and Southwestern United States. Haseltonia, 17, 66–69.*

109. *Bárcenas Rolando T. 2015. *A molecular phylogenetic approach to the systematics of **Cylindropuntieae** (Opuntioideae, Cactaceae)*. Cladistics 1-9.

110. Bárcenas Rolando T. & Hawkins Julie A. 2017. *Nomenclatural Proliferation and the Superabondance of Homotypic Synonyms in **Grusonia** (Opuntioideae, Cactaceae).* Haseltonia 23: 27-34.

111. *Bárcenas Rolando T., Héctor M. Hernández, Patricia Hernández-Ledesma, Luis Manuel Montoya Gómez. 2021. ***Chichimecactus** (Cactoideae, Cactaceae), a new genus based on molecular characterisation of highly endangered Strombocactus species*. Phytotaxa 512 (3): 147-158.

112. Bárcenas Rolando T., Héctor M. Hernández. 2022. *Supporting a young age for the North American deserts: Historical biogeography of **Grusonia** (Cylindropuntieae) in a Plio-Pleistocene temporal framework*. Taxon, First published: 18 May 2022 https://doi.org/10.1002/tax.12741

113. *Bárcenas Rolando T. 2023. *A Phylogenetic Classification of **Grusonia**, Opuntioideae, Cactaceae*. Haseltonia 30(1): 2-5.

114. Barrios Duniel, Edgardo Díaz & Lucas C. Majure. 2019*. Exploraciones botánicas a poblaciones de **Consolea** en Cuba: estado de conservación y principales amenazas*. Journal of the Botanical Research Institute of Texas 13: 217–228.

115. *Barrios Duniel, Luis R. González-Torres, Salvador Arias & Lucas C. Majure. 2020. *Phylogeny and taxonomy of the Antillean endemic genus **Leptocereus** (Cactaceae) inferred from chloroplast markers and morphological evidence*. Plant Systematics and Evolution 306: 63-78.

116. Barrios Duniel, Sánchez Jorge A., Flores Joel., & Jurado Enrique. 2020a. *Seed traits and germination in the Cactaceae family: A review across Americas*. Botanical Sciences, 98(3): 417-440.

117. Barrios Hany Lemus, Duniel Barrios, José Angel García-Beltrán, Salvador Arias, & Lucas Majure. 2021. *Taxonomic implications of seed morphology in **Melocactus** (Cactaceae) from Cuba*. Willdenowia 21: 91-113.

118. Barrios-Leal Dora Yovana, Rodolpho S. T. Menezes, Daniela Zappi & Maura Helena Manfrin. 2023. *Unravelling the genetic diversity and population dynamics of three **Tacinga** species (Cactaceae: Opuntioideae) in the Caatinga*. Botanical Journal of the Linnean Society, 20: 1-11.

119. Barthlott Wilhelm & Voit Gisela. 1979. *Seed coat micromorphology and taxonomy of the Cactaceae*. Pl. syst. evol. 132: 205-229.

120. Barthlott Wilhelm. 1987. *New Names in Rhipsalidinae (Cactaceae)*. Bradleya 5: 97-100.

121. Barthlott Wilhelm. 1988. *Über die systematischen Gliederungen der Cactaceae*. Beitr. Biol. Pflanzen 63: 17-40.

122. Barthlott Wilhelm & Taylor Nigel P. 1995. *Notes towards a monograph of Rhipsalidaeae (Cactaceae)*. Bradleya 13: 43–79.

123. Barthlott Wilhelm, Porembski Stefan, Kluge Manfred, Hopke Jôrn, Schmidt Loki. 1997. ***Selenicereus wittii** (Cactaceae): an epiphyte adapted to Amazonian Igapó inundation forests*. Plant Systematics and Evolution 206 (1-4): 175-185.

124. Barthlott Wilhelm & Hunt David. 2000. *Seed-diversity in the Cactaceae subfam. Cactoideae.* Succ. Plant Research vol.5, ed. Hunt D.

125. Bauer Danielle & Jose Luis Waechter. 2006. *Synopse taxonômica de Cactaceae epifíticas no Rio Grande do Sul, Brasil*. Act bot. bras. 20(1): 225-239.

126. Bauer Ralf. 2002. *The genus **Pseudorhipsalis** Britton & Rose*. Haseltonia 9: 94-120.

127. Bauer Ralf. 2003. *A synopsis of the tribe Hylocereeae F. Buxb*. Cactaceae Syst. Init. 17: 3-63.

128. Bauer Ralf & Nadia Korotkova. 2020. *Neotypification of **Rhipsalis rhombea** (Rhipsalideae, Cactaceae) and its taxonomic history*. Haseltonia 27: 95-101.

129. Beck C.H. 2007. *Der Ort des Terrors. Hinzert, Auschwitz, Neuengamme*. Publ. Wolfgang Ben & Barbara Distel, 600pp.

130. Benson Lyman. 1969. *The Cacti of Arizona*. The University of Arizona Press, Tucson, Arizona, 218 pp.

131. Benson Lyman. 1982. *The Cacti of the United States and Canada*. Stanford University Press, Stanford, CA. 1044 pp.

132. Berazategui Pablo, Duarte Williams, García Manuel & Villagrán Eduardo. 2010. ***Lepismium aculeatum** (F.A.C. Weber) Barthlott (Cactaceae): First Record for the Flora of Uruguay*. Com. Bot. Mus. Hist. Nat. 140 (6): 1-7.

133. Berazategui Pablo, Duarte Williams, García Manuel & Villagrán Eduardo. 2012. *Exclusión de **Harrisia tortuosa** (Forbes ex Otto y Dietr.) Britton & Rose, de la flora del Uruguay e inclusión de **Harrisia martinii** (lab.) Britton & Rose (cactaceae), nueva cita para el Uruguay*. Com. Bot. Mus. Hist. Nat. 143(4): 3-8.

134. Berka Lubomír. 1994. *Rod **Frailea***. Cactaceae etc. 4, 12 pp.

135. Blaczkowski Tomasz. 2020. ***Lobivia**.* Swiat Kaktusów special issue, 146 pp.

136. Blum Wolfgang, Dieter Felix & Herbert Bauer. 2012. *Echinocereus: Die Sektion **Echinocereus***. Der Echinocereenfreund 25, 336pp.

137. Blum Wolfgang, Traute & Jörn Oldach. 2015. *A New Taxon of **Echinocereus** in Arizona*. Cact.-Adv. Int. 106-107: 2-31.

138. Blum Wolfgang, Traute & Jörn Oldach & Wilfried Baues. 2015. ***Echinocereus**: Die triglochidiatus-Gruppe, Subgenus Triglochidiata*. Der Echinocereenfreund 28, 266pp.

139. Blum Wolfgang, Traute & Jörn Oldach, Wilfried Baues & Henk Ruinaard. 2017. *Die **Echinocereus coccineus**-Gruppe*. Der Echinocereenfreund 30, Arbeitsgruppe Echinocereus der Deutschen Kakteen-Gesellschaft e.V., München.

140. Blum Wolfgang, Traute & Jörn Oldach, Wilfried Baues & René Goris. 2018. *Die **Echinocereus acifer**-Gruppe*. Der Echinocereenfreund 31, Arbeitsgruppe Echinocereus der Deutschen Kakteen-Gesellschaft e.V., München.

141. Blum Wolfgang, Traute Oldach, René Goris & Peter Berresford. 2022. *Die **Echinocereus enneacanthus**-Komplex*. Der Echinocereenfreund 35, Arbeitsgruppe Echinocereus der Deutschen Kakteen-Gesellschaft e.V., München, 213pp.

142. Bohata Jaroslav, Myšák Vojtěch & Šnicer Jaroslav. 2005. *Genus **Lophophora** Coulter*. Kaktusy Special 2, 2005.

143. *Böhnert Tim, Felix F. Merklinger, Elisabeth Sarnes, Norbert Sarnes, Roberto Kiesling, Maximilian Weigend & Federico Luebert. 2025. Systematic and taxonomic revision of the genus ***Austrocactus*** (Cactaceae) based on morphology and genome wide SNP-data. Taxon 31 pp. https://doi.org/10.1002/tax.13311

144. Boke Norman. H. 1957a. *Comparative histogenesis of the areoles in **Homalocephala** and **Echinocactus***. Amer. J. Bot 44:368–380.

145. Bouffartigue Jean & Anne-Marie Delrieu. 1981. *Trésors des Racines Grecques*. Ed. Belin, Paris, 285 pp.

146. Brachet Christian & Lacoste Michel. 1994. ***Mammillaria huitzilopochtli, crucigera, tlalocii*** and others. Cact.-Av. 21: 24-26.

147. Braga João Marcelo & Freitas María de Fátima. 2010. *Neotypification of **Rhipsalis triangularis** Werderm. (Cactaceae), a critically endangered species from southeastern Brazil*. Adansonia, 3, 32(2): 235-238.

148. Brandt Fred H. 1983. *Die Gliederung der Gattung **Weingartia** Werdermann*. Kakt. Orch. Rundschau 8 (1): 5 – 7.

149. Braun Pierre J. & Esteves Eddie. 1986-1989. *Revision der Gattung **Facheiroa** Britton & Rose, und andere Sukkulenten* 37: 56, 74-79 (1986); 38: 26-33, 82-85, 184-187 (1987); 39: 64-68, 126-131 (1988); 40: 198-203, 298-301 (1989).

150. Braun Pierre J. 1990. ***Leocereus estevesii*** spec. nov. Kakt. and. Sukk., 41(9): 204.

151. Braun Pierre J. & Esteves Pereira Eddie. 2008. ***Siccobaccatus insigniflorus**. A new status for a marvellous columnar cactus from Brazil*. Cact. Succ. J. (US) 80: 36–41.

152. Braun Pierre. J. & Menzel Jürgen. 2008. *Eine Gattungshybride zwischen **Discocactus** und **Coleocephalocereus***. Kakt. and. Sukk. 59: 261–263.

153. Braun Pierre J. & Esteves Pereira Eddie. 2009. ***Estevesia alex-bragai** (Cactaceae) – eine neue monotypische Gattung aus Goiás, Zentral-Brasilien*. Kakteen and. Sukkulenten. 60(3): 63–70.

154. Braun Pierre & Machado Marlon. 2013. ***Arrojadoa albiflora***. The IUCN Red List of Threatened Species 2013: e.T184173A1750169. http://dx.doi.org/10.2305/IUCN.UK.2013-1.RLTS.T184173A1750169.en.

155. Braun Pierre J. 2019a. *Unbekanntes Roraima (Brasilien) und seine **Melocactus**-Vorkommen.* Kakteen Sukk. 70(4): 97-102.

156. Braun Pierre J. 2019b. ***Discocactus heptacanthus subsp. goiasensis** (Cactaceae), eine neue Sippe aus Goias, Zentral brasilien*. Kakteen Sukk. 70(11): 341-348.

157. Braun Pierre J. 2021. ***Discocactus zehntneri subsp. buenekeri** in der Boqueirão da Onça, Bahia*. Kakt. and. Sukk. 72(5): 129-138.

158. Bravo Filho, Eronides S., Marlucia, C. Santana, Paulo, A. A. Santos & Adauto, S. Ribeiro. 2018. ***Melocactus** (Cactaceae) in the state of Sergipe (Brazil) and aspects of its conservation*. Lilloa 55(1): 16–25.

159. Bravo-Hollis Helia. 1937. *Las Cactáceas de México*. Universidad Nacional Autónoma de México, México D.F.

160. Bravo-Hollis Helia. 1969. *El género **Echinofossulocactus***. Cact. y Suc. Mex. 1: 11-21.

161. Bravo-Hollis Helia. 1978. *Las Cactáceas de México*, vol. I. Universidad Nacional Autónoma de México, México D.F.

162. Bravo Helia & Sánchez Mejorada Hernando. 1983. *Datos Preliminares Acerca de la Familia Cactaceae en Mesoamérica*. Cact. Succ. Mex. 28(2): 27-41.

163. Bravo-Hollis Helia. & Sanchez-Mejorada Hernando. 1991. *Las Cactaceas de Mexico*, Vol. II & III. Mexico City: Universidad Nacional Autónoma de Mexico.

164. Bravo-Mendoza Mariana, Espinosa-Cantú Adriana, Castellanos-Vargas Iván, Cano-Santana Zenón. 2017. *Tamaño de **Neobuxbaumia tetetzo** y longitud de sus espinas apicales en un gradiente de luz bajo **Mimosa luisana**, un arbusto nodriza*. Acta botánica mexicana, (79), 69-80.

165. Bregman Rob. 1988. *Forms of seed dispersal in Cactaceae*. Acta Bot. Neerl. 37(3): 395-402.

166. Bregman Rob. 1996. *The genus **Matucana**: biology and systematics of fascinating Peruvian cacti*. Ed. A.A. Balkema.

167. Bregman Rob & Graven Peter. 1997. *Subcuticular Secretion by Cactus Seeds Improves Germination by Means of Rapid Uptake and Distribution of Water*. Annals of Botany, 80: 525-531.

168. Bregman Rob. 2002. *Some notes on the recent taxonomic confusion* in cacti. Cactaceae Systematics Initiatives 13: 18-20.

169. Breslin Peter B. 2014. ***Corynopuntia*** *Confusion.* Cactus and Succulent Journal (US) 86(3):116-116.

170. Breslin Peter B. 2015. *A widespread species and its restricted endemic relative: preliminary taxonomic inferences for* ***Echinocereus maritimus*** *and* ***Echinocereus maritimus*** *subsp.* ***hancockii***. Cact. Succ. J. (US) 87(6): 247-253.

171. Breslin Peter B., **Martin F. Wojciechowski & Lucas C. Majure**. 2021. *Molecular phylogeny of the Mammilloid clade (Cactaceae) resolves the monophyly of* ***Mammillaria***. Taxon 70(6): 308-323.

172. Breslin Peter B. 2021. *Now what?* ***Cochemiea*** *with three dozen species?* Cact. & Succ. J. (Los Angeles) 93(3): 201-206.

173. Brice Françoise. 2011. *Les Mots de la Botanique*. Éd. Actes Sud, Paris, 395 p.

174. Britton Nathaniel L. & Rose Joseph N. 1919-1923. *The Cactaceae*, Volumes 1,2,3 & 4. Carnegie Inst. Of Washington. 404 pp.

175. Brooke Winifred M.A. 1953. *Some Bolivian plants*. Proceedings and transactions of the South London Entomological & Natural History Society. 1950-1953: 137-143.

176. Buchtien Otto. 1910. *Contribuciones a la Flora De Bolivia, Vol. 1*. Museo Nacional de Bolivia, 212 pp.

177. Bueno Vicente. 2013. ***Sulcorebutia, Rebutia*** *ou* ***Weingartia****?* ***Rauschii*** *et ses parents*. Cact. Av. Int. 100: 32-43.

178. Buining Albert F.H. 1975. ***Facheiroa cephaliomelana*** *Buining & Brederoo spec. nov.* Kakteen And. Sukk. 26(6): 121-124.

179. Buining Albert F.H. 1980. ***Discocactus***. Ed. Arl de Graaf, Netherlands, 223 pp.

180. Bullock Arthur A. 1960. *Dr. Thomas Archibald Sprague, 1877-1958*. Taxon 9(4): 93-102.

181. Bunkenburg Alexander & Laia Haurie. 2025. *The discovery of dioecious* ***Leuenbergeria lychnidiflora*** *(DC.) Lodé (Cactaceae) in Guatemala*. Bradleya 43: 54-60.

182. Burkhardt Lotte. 2022. *Eine Enzyklopädie zu eponymischen Pflanzennamen: Von Menschen & ihren Pflanzen*. Berlin: Botanic Garden and Botanical Museum Berlin, Freie Universität Berlin. 1726 pp. – https://doi.org/10.3372/epolist202

183. ***Butterworth Charles A., Cota-Sánchez Hugo J. & Wallace Robert S.** 2002. *Molecular systematics of tribe Cacteae (Cactaceae: Cactoideae): a phylogeny based on rpl16 intron sequence variation*. Systematic Botany 27(2): 257-270.

184. *Butterworth Charles A. 2003. *Phylogenetic studies of Tribe Cacteae (Cactaceae) with special emphasis on the genus Mammillaria.* Thesis, Iowa State University, 150pp.

185. ***Butterworth Charles A. & Wallace Robert S.** 2004. *Phylogenetic studies of* ***Mammillaria*** *(Cactaceae) – insights from chloroplast sequence variation and hypothesis testing using the parametric bootstrap*. American Journal of Botany 91(7): 1086-1098.

186. ***Butterworth Charles A. & Wallace Robert S.** 2005. *Molecular phylogenetics of the leafy cactus genus* ***Pereskia*** *(Cactaceae)*. Systematic Botany 30(4): 800-808.

187. ***Butterworth Charles A.** 2006. *Resolving "Nyffeler's Puzzle" - the intriguing taxonomic position of* ***Blossfeldia***. Haseltonia 12: 3-10.

188. ***Butterworth Charles A., Butterworth Kara M., Fitz Maurice Walter A. & Fitz Maurice Betty***. 2007. *A localized loss of the chloroplast rpl16 intron in* ***Mammillaria*** *series Stylothelae (Cactaceae) delineates members of the* ***M. crinita*** *group*. Bradleya 25: 187-192.

189. ***Butterworth Charles A. & Edwards Erika J.** 2008. *Investigating* ***Pereskia*** *and the earliest divergences in Cactaceae.* Haseltonia 14: 46-53.

190. Cáceres de Baldárrago Francesco, F.M. Raimondo, I. Poma & P. Mazzola. 2019. *Taxonomic studies on the genus* ***Islaya*** *(Cactaceae):* ***Islaya camanaensis****, a new endemic species from Arequipa region (Perú)*. Quad. Bot. Ambientale Appl., 30 (2019): 33-39.

191. Calderón M-M. Natalia, Ceroni S. Aldo & Ostolaza N. Carlos. 2004. *Distribución y estado de conservación del género* ***Haageocereus*** *(Familia Cactaceae) en el departamento de Lima*. Perú. Ecol. apl., 3 (1-2), 17-22. ISSN 1726-2216.

192. Calderón Natalia, Zappi Daniela, Taylor Nigel, & Ceroni Aldo. 2007. *Taxonomy and conservation of* ***Haageocereus*** *Backeb. (Cactaceae) in Peru*. Bradleya 25: 45-124.

193. ***Calvente Alice**. 2010. *Molecular Phylogeny, Evolution and Systematics of* ***Rhipsalis*** *(Cactaceae)*. Doctoral thesis, Univ. de São Paulo, 200 p.

194. ***Calvente Alice, Zappi Daniela, Forest Félix & Lohmann Lúcia G**. 2011a. *Molecular phylogeny of tribe Rhipsalideae (Cactaceae) and taxonomic implications for* ***Schlumbergera*** *and* ***Hatiora***. Molecular Phylogenetics and Evolution 58: 456–468.

195. ***Calvente Alice, Zappi Daniela, Forest Félix & Lohmann Lúcia G**. 2011b. *Molecular Phylogeny, Evolution, and Biogeography of South American Epiphytic Cacti*. Int. Journal of Plant Sciences, 172(7): 902-914.

196. ***Calvente Alice**. 2012. A New Subgeneric Classification of ***Rhipsalis*** (Cactoideae, Cactaceae). Systematic Botany, 37(4): 983–988.

197. * Calvente Alice, Evandro M. Moraes, Pâmela Lavor, Isabel A. S. Bonatelli, Pamela Nacaguma, Leonardo M. Versieux, Nigel P. Taylor & Daniela C. Zappi. 2016. *Phylogenetic analyses of **Pilosocereus** (Cactaceae) inferred from plastid and nuclear sequences*. Botanical Journal of the Linnean Society, 183(1): 25-38.

198. Camacho-Velázquez Aldebaran, Vázquez-Santana Sonia & Rodríguez Sésar. 2015. *Critical status of dioecious species of the genus **Leuenbergeria** Lodé (Cactaceae) from the Caribbean*. Cact. Suc. Mex. 60 (2): 54-63.

199. Camacho-Velázquez Aldebaran, Salvador Arias, Florencia García-Campusano, Emiliano Sánchez-Martínez & Sonia Vázquez-Santana. 2018. *Seed development and germination of **Strombocactus** species (Cactaceae): A comparative morphological and anatomical study*. Flora 242, May, pp. 89-101.

200. Campos-Diaz, Manuel J., Carlos M. Burelo-Ramos, Salvador Arias & Neil Ebeth Meled Morales-Rodríguez. 2020. ***Epiphyllum chrysocardium** en Tabasco ¿Es o se parece?* CICY 12: 34-45.

201. Cañas-Valle Gustavo. 2013. *Andean Flora of Ecuador*. Nature trek report 24/09-9/10, 27 pp.

202. Cancino Jorge, Romero-Schmidt Heidi, Ortega-Rubio Alfredo & León de La Luz J. L. 1995. *Observations on distribution and habitat characteristics of the endangered Mexican endemic cacti **Stenocereus eruca***. Journal of Arid Environments, 29: 55-62.

203. Caponi Gustavo. 2017. *The Ecological Correlate of the Semaphoront.* Ludus Vitalis, 25(48): 1-28.

204. Carbonó-Delahoz E., A. Barros-Barraza, J. Jiménez-Vergara. 2013. *Cactaceae de Santa Marta, Magdalena, Colombia.* Rev. Acad. Colomb. Cienc 37(143): 177-187.

205. Cárdenas Martín. 1967. *Las Cactáceas de Lobo Guerrero, Colombia*. Cact. y Suc. Mex. 12(3): 54-59.

206. Cardoso, Weverson, Calvente Alice, Dutra Valquíria & Sakuragui Cassia. 2022. *Cactaceae in a priority area for conservation in Espírito Santo state*. Rodriguesia 73. 24 pp.

207. Carrera-Martínez Roberto, Jorge Ruiz-Arocho, Laura Aponte-Díaz & David A. Jenkins. 2018. *Natural History Notes for the Columnar, Globular and Semi-Epiphytic Cactus Species of the Island of Puerto Rico*. Haseltonia, (24):16-27.

208. Carrera-Martínez Roberto, Jorge Ruiz-Arocho, Laura Aponte-Díaz, David A. Jenkins & Joseph J. O'Brien. 2020. *Effects of fire on native columnar and globular cacti of Puerto Rico: a case study of El Faro, Cabo Rojo*. Fire Ecology 16: 14.

209. Carrillo-Reyes Pablo, Cházaro Basáñez Miguel J. & Puig-Magrinyà Frederic. 2001. *Nuevos registros de cactáceas columnares para el estado de Zacatecas, México*. Cact. Suc. Mex. 46(4): 76-82.

210. Carrion Victor, C. Josh Donlan, Karl J. Campbell, Christian Lavoie & Felipe Cruz. 2011. *Archipelago-Wide Island Restoration in the Galápagos Islands: Reducing Costs of Invasive Mammal Eradication Programs and Reinvasion Risk*. PLoS One 6(5): 1-7.

211. *Caruso Marco, Sergio Currò, Giuseppina Las Casas, Stefano La Malfa & Alessandra Gentile. 2010. *Microsatellite markers help to assess genetic diversity among **Opuntia ficus indica** cultivated genotypes and their relation with related species*. Plant Systematics and Evolution, 290(1/4): 85-97.

212. Casas Fernández Alejandro & Caballero Nieto Javier. 1998. *Diversidad morfológica y genética de xoconochtli **Stenocereus stellatus** (Pfeiffer) Riccob. (Cactaceae): conocimiento, uso y estrategias para su conservación*. Universidad Nacional Autónoma de México. Instituto de Biología. Informe final SNIB-CONABIO proyecto No. G023. México D. F.

213. Castillo Roberta M., Livera Manuel, Brechú F. Aicia & Márquez-Guzmán Judith. 2003. *Compatibilidad sexual entre dos tipos de **Hylocereus** (Cactaceae)*. Rev. Biol. Trop. 51(3): 699-706.

214. *Castro Juliana P., Ana Paula Moraes, Mark W. Chase, Angeline M. S. Santos, Fabiane R. C. Batista, & Leonardo P. Felix. 2019. *Karyotype characterization and evolution of chromosome number in Cactaceae with special emphasis on the subfamily Cactoideae*. Brazilian Botanical Acta, November.

215. Catrix Jean-René, Roberto Kiesling & Daniel Schweich. 2019. *Frédéric Albert Constantin Weber. Travaux consacrés aux Cactus et Agaves. I : publications et correspondance avec Engelmann*. Ed. Au Cactus Francophone, 404 pp.

216. Cattabriga Andrea. 2004. ***Backebergia militaris***. Cactus & Co. 8(2): 131–162.

217. Cendrin Fabrice. 2010. ***Blossfeldia liliputana** : un puzzle botanique.* Cact. Av. Int. 88: 13-18.

218. Cerén López José Gabriel, Menjívar Cruz Jenny Elizabeth, Arias Montes Ángel Salvador. 2015. *Diversidad de cactus de El Salvador*. Museo de Historia Natural de El Salvador.

219. Cerén López, José Gabriel, Menjívar Cruz Jenny Elizabeth, Arias Montes Ángel Salvador. 2017. *A New Species of **Disocactus** (Cactaceae) from El Salvador*. Novon 25: 139-144.

220. Cervantes Cristian, Ana Wegier, Silvia Hinojosa-Alvarez, Ulises Rosas & Salvador Arias. 2021**.** *Evaluating the monophyly of **Mammillaria** series Supertextae (Cactaceae)*. PhytoKeys 177: 25-42.

221. Charles Graham. 1999. *The genus **Espostoa** Br. & R*. Brit. Cact. Succ. J. 17: 68–79.

222. Charles Graham. 2000. *The genus **Browiningia** Br. & R*. British Cactus & Succulent Journal 18(1): 39-42.

223. Charles Graham, Elizabeth Woodgyer & Paul Hoxey. 2003. *A new species of **Espostoa** from Peru*. British Cactus & Succulent Journal 21(2) 69-74.

224. Charles Graham. 2008. *Notes on **Maihueniopsis** Spegazzini (Cactaceae)*. Bradleya 26: 63-74.

225. Charles Graham. 2009a. ***Gymnocalycium** in habitat and culture*. Ed. Charles G.

226. Charles Graham. 2009b. ***Micranthocereus**: a view from the field of a popular genus of columnar cacti.* Cact. & Succ. Journal 81(3) 150-155.

227. Charles Graham. 2010. *Notes on **Borzicactus** in northern Peru*. Bradleya 28: 1-14.

228. Charles Graham. 2012a. *Observations on **Borzicactus icosagonus** (Kunth) Br. & R. and **Borzicactus humboldtii** (Kunth) Br. & R.* Bradleya 30: 93-102.

229. Charles Graham. 2012b. *Recent New Descriptions: **Browningia utcubambensis***. Cact. Expl. 6 : 15-16.

230. Charles Graham. 2013. *Granny's **Echinopsis***. The Cactus Explorer 8: 27-34.

231. Charles Graham. 2024. *Recent New Descriptions. **Perucactus ostolazae***. Cactus Explorer 29: 12-15.

232. Cházaro B. Miguel, Tapia-M. José Luis & Narave-F. Héctor. 2006. ***Heliocereus cinnabarinus** (Cactaceae), un nuevo registro para Veracruz, México*. Bol. Soc. Lat. y del Caribe de Cactáceas y otras Suculentas 3 (3).Cact. Adv. Int. 73: 14-19.

233. Cházaro B. Miguel, Jose A. Machuca-Nuñez & Reynaldo Ramos-Flores. 2007. *In Situ: **Ferocactus reppenhagenii***.

234. Chéron Brice. 2016. *Fraileeae B.P.R. Chéron, tribus nova*. Cact.-Av. Int. 112-113 : 54-59.

235. Chéron Brice. 2019. ***Consolea** vel **Opuntia microcarpa** versus **picardae** or analysis and resolution of nomenclatural problems of all these taxa*. Cact. -Adv. Int. 31(1): 56-67. 2019.

236. Chéron Brice. 2020. ***Echinofossulocactus** versus **Brittonrosea, Echinocactus, Efossus, Ferocactus & Stenocactus** or resolution* of the nomenclatural problems of all these genera. Cact. -Adv. Int. vol. 32: 27-49 (online).

237. Chéron Brice. 2023. *On the nomenclature of some misunderstood Haitian cacti or the analysis and resolution of the nomenclatural problems of these taxa*. Cact.-Av. Int. 35(122): 46-82.

238. Chincoya Delil A., Salvador Arias, Philip Vaca-Paniagua, Patricia Davila & Sophia Solórzano. 2023. *Phylogenomics and Biogeography of the Mammilloid Clade Revealed an Intricate Evolutionary History Arose in the Mexican Plateau*. Biology 2023, 12, 512. https://doi.org/10.3390/biology12040512

239. Cieza Padilla Nelson & Maritza Briones Rojas. 2009. ***Matucana fruticosa**: variety or species?* Cact. -Adv. Int. 84: 2-7.

240. Cieza Padilla Nelson. 2012. ***Corryocactus erici-marae** Cieza, a new species of Peru*. Cact. -Adv. Int. 88: 2-7..

241. Cieza Padilla Nelson. 2019. ***Matucana intertexta** subsp. **jankei**, a new subspecies of Cajabamba, Cajamarca, Peru, and **Matucana celendinensis** Ritter, a species rehabilited*. Cact.-Adv. Int. 31(1): 2-11.

242. Cieza Padilla Nelson. 2020. ***Matucana weberbaueri** (Vaupel) Backebeg: new contributions.* Cact. -Adv. Int. vol. 32: 98-101 (online).

243. Cieza Padilla, Nelson Arquímedes, Klopfenstein, Olivier Camille. 2023. *El género **Matucana**: Especies de la región Cajamarca.* Ed. SPECS, Lima, 120 pp. ISBN 978-612-48106-1-9.

244. Corman Philippe & De Barmon Aymeric. 2015. *Le genre **Aztekium**.* Succulentopia 15 : 9-19.

245. Corrêa Pontes Rodrigo, José Newton Cardoso Marchiori & Leopoldo Witeck Neto. 2017. *Notas históricas sobre a família Cactaceae no Rio Grande do Sul (Brasil) e Uruguai. II – Período moderno (1950-1980): colecionadores e exploradores da região e imigrantes europeus*. Balduinia 57: 1-17.

246. Corrêa Pontes Rodrigo, Silveira de Oliveira Deble Aanabela & Paz Deble Leonardo. 2018. ***Frailea erythracantha** (Cactaceae): a new species from Pampa grasslands, Rio Grande do Sul State, Brazil*. Phytotaxa 369 (3): 211–218.

247. *Cota Sánchez J. Hugo & Philbrick C. Thomas. 1994. *Chromosome number variation and polyploidy in the genus **Echinocereus***. Amer. J. Bot. 81: 1054-1062.

248. Cota Sánchez, J. Hugo & Wallace Robert S. 1995. *Karyotypic studies in the genus **Echinocereus** and its taxonomic implications*. Caryologia 48: 105-122.

249. *Cota Sánchez J. Hugo, Rebman Jon P. & Wallace Robert S. 1996. *Chromosome numbers in **Ferocactus** (Cactaceae: Cactoideae)*. Cytologia 61: 431-437.

250. *Cota Sánchez J. Hugo & Wallace Robert S. 1996. *La citología y la sistemática molecular en la familia Cactaceae*. Cactaceas y Suculentas Mexicanas 2: 27-44.

251. *Cota Sánchez, J. Hugo & Wallace Robert S. 1997. *Chloroplast DNA evidence for divergence in **Ferocactus** and its relationships to North American columnar cacti (Cactaceae: Cactoideae)*. Systematic Botany 22: 529-542.

252. Cota Sánchez J. Hugo. 2004. *Vivipary in the Cactaceae: its taxonomic occurence and biological significance.* Flora 199: 481-490.

253. Cota Sánchez J. Hugo. 2008. *Evolución de Cactáceas en la region del Golfo de California, México. Pp. 67-79. Estudios de las Islas de Baja California*. Flores-Campaña, L. M. (ed). Univ. Autónoma de Sinaloa, Gov. Edo. Sinaloa-Conacyt, México. 221 p.

254. Cota Sánchez, J. Hugo. & Croutch D. Shannon. 2008. *Notes on the floral biology of **Praecereus euchlorus** subsp. **euchlorus** (Cactaceae)*. Schumannia.

255. Cota Sánchez, J. Hugo. & Bomfim M. P. 2010. *Seed morphology, ploidy and the evolutionary history of the epiphytic cactus **Rhipsalis baccifera** (Cactaceae)*. Polibotánica. 29: 107-129.

256. Couplan François. 2000. *Dictionnaire Étymologique de Botanique*. Ed. Delachaux & Niestlé, Lausanne & Paris, 238 pp.

257. Courthès Éric. 2009. *Amado Bonpland: Generador de re-escrituras transgenéricas*. E. Courthès ed. 8 pp.

258. Craig Robert T. 1945. *The **Mammillaria** Handbook*. Abbey garden Press, Pasadena Cal. Reprint 1965, 390 pp.

259. Crane P.R., Friis E.M., Runsgaard Pederson K. 1995. *The origin and early diversification of angiosperms.* Nature 374: 27-33.

260. Croizat Léon. 1943. *Notes on **Cereus** and **Acanthocereus**.* Caldasia 2: (7) 117-122.

261. Croizat Léon. 1944. A *Check - List of Colombian and presumed Colombian Cactaceae*. Caldasia 2: (9) 337-355.

262. Cronk, Quentin C. B. 1998. *The ochlospecies concept. Chorology, taxonomy and ecology of the floras of Africa and Madagascar* pp. 155–170. Kew Royal Botanic Gardens.

263. Crook Richard & Mottram Roy. 1995. ***Opuntia** Index part 1: Introduction and A-B.* Bradleya 13: 88-118.

264. Crook Richard & Mottram Roy. 1996. ***Opuntia** Index part 2: Nomenclatural Notes and C-E.* Bradleya 14: 99-144.

265. Crook Richard & Mottram Roy. 1997. ***Opuntia** Index part 3: Nomenclatural Note and F.* Bradleya 15: 98-112.

266. Crook Richard & Mottram Roy. 1998. ***Opuntia** Index part 4: G-H.* Bradleya 16: 119-136.

267. Crook Richard & Mottram Roy. 1999. ***Opuntia** Index part 5: Nomenclatural Note and I-L.* Bradleya 17: 109-131.

268. Crook Richard & Mottram Roy. 2000. ***Opuntia** Index part 6: M-O.* Bradleya 18: 113-140.

269. Crook Richard & Mottram Roy. 2001. ***Opuntia** Index part 7: Nomenclatural note and P-Q*. Bradleya 19: 91-116.

270. Crook Richard & Mottram Roy. 2002. ***Opuntia** Index part 8: R.* Bradleya 20: 51-66.

271. Crook Richard & Mottram Roy. 2003. ***Opuntia** Index part 9: S.* Bradleya 21: 63-86.

272. Crook Richard & Mottram Roy. 2004. ***Opuntia** Index part 10: T-V.* Bradleya 22: 53-76.

273. Crook Richard & Mottram Roy. 2005. ***Opuntia** Index part 11: W-Z, cultivars.* Bradleya 23: 57-78.

274. Crozier Bonnie. S. 2005. *Systematics of Cactaceae Juss.: phylogeny, cpDNA evolution, and classification, with emphasis on the genus **Mammillaria** Haw*. B.A., M. Arch. Ph.D. Thesis at the University of Texas at Austin.

275. *Cruz Miguel Ángel, Arias Salvador & Terrazas Teresa. 2016. *Molecular phylogeny and taxonomy of the genus **Disocactus** (Cactaceae), based on the DNA sequences of six chloroplast markers*. Willdenowia 46 :1 145-164.

276. *Cruz-Zamora Yuridia, Cruz-Garcia Felipe, Orozco-Arroyo Gregorio, Reyes-Santiago Jeronimo, Martinez-Castilla Leon P., Wegier Ana, Vazquez-Santana Sonia. 2017. *×**Polascontria** (Cactaceae), a nothogenus that represents the gene flow between Escontria and Polaskia*. Phytotaxa 295(2):141-158.

277. *Cuénoud Philippe, Savolainen Vincent, Chatrou W. Lars, Powell Martyn, Grayer Renée J., & Chase Mark W. 2002. *Molecular phylogenetics of Caryophyllales based on nuclear 18S rDNA and plastid rbcL, atpB, and matK DNA sequences*. Am. J. Bot. 89:132-144.

278. Cullmann Willy, Erich Götz & Gerhard Gröner. 1984. *Kakteen: Kultur, Vermehrung und Pflege. Lexikon der Gattungen und Arten*. Stuttgart, Ulmer, Ed., 340 pp.

279. Cuza Pérez Alina & Duniel Barrios. 2015. *Wood anatomy of Cuban species of **Leptocereus** (Cactaceae)*. Willdenowia, 45: 61-64.

280. Dantas De Souza Amanda Cristina, Alice Calvente, Jomar Gomes Jardim & Leonardo De Melo Versieux. 2016. *Extension of the distribution of **Melocactus ernestii** Vaupel (Cactaceae) in the Northeastern Brazil: a new occurrence for the state of Ceará*. Cactus and Succulent Journal (US) 88(2): 84-88.

281. *Das Anath Bandhu, Suprava Mohanty Mohanty & P. Das. *Interspecific Variation in Nuclear DNA Content and Chromosome Analysis in **Melocactus***. Cytologia 63: 239-247.

282. Davis Tristan, Hernández Héctor, Starr Gregg & Gómez-Hinostrosa Carlos. 2018. *A Distinctive New Species of **Thelocactus** from Oaxaca, Mexico*. Phytotaxa 361(1): 115-122.

283. Dawson Elmer Yale. 1952. *Notes on **Neobuxbaumia**.* Cact. Succ. J. (Los Angeles) 24: 169.

284. Dawson Elmer Yale. 1965a. *An undescribed **Melocactus**? in the Galapagos Islands*. Cact. Succ. J. (US) 37: 126

285. Dawson Elmer Yale. 1965b. *Further studies of **Opuntia** in the Galapagos archipelago*. Cact. Succ. J. (US) 37: 135–148.

286. Deble Leonardo Paz. 2023. *A new combination for the genus **Notocactus** (Cactaceae)*. Balduinia, 19(71): 2-5.

287. De la Rosa-Tilapa, Alejandro, Monserrat Vázquez-Sánchez & Teresa Terrazas. 2018. *Stem anatomy of Turbinicarpus s.l. (Cacteae, Cactaceae) and its contribution to systematics.* Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology, 153:4, 600-609.

288. Delgado A. Elia. 2007. *Significancia taxonómica de los pérfiles fenólicos de algunas especies de la Familia Cactaceae*. Thesis at Durango University (Mexico).

289. Delmondes de Alencar Luciano, Gerardus Olsthoorn, Daniela C. Zappi, Maria Imaculada Zucchi et Nigel P. Taylor. 2024. ***Coleocephalocereus superbus** (Cactaceae), a new magenta-flowered species from Minas Gerais, Brazil*. Bradleya 42: 5-20.

290. Del Valle Perea Mario. 2007. *Relevamiento de Cactáceas en la provincia de Catamarca*. Consejo Federal de Inversiones, 190 pp.

291. *Demaio Pablo H., Barfuss Michael H., Till Walter, & Chiapella Jorge O. 2010. *Phylogenetic relationships and infrageneric classification of the genus **Gymnocalycium**: insights from molecular data.* Gymnocalycium special edition 2010: 925-936.

292. *Demaio Pablo H., Barfuss Michael H., Kiesling Roberto, Till Walter, & Chiapella Jorge O. 2011. *Molecular phylogeny of **Gymnocalycium** (Cactaceae): Assessment of alternative infrageneric systems, a new subgenus, and trends in the evolution of the genus*. American Journal of Botany 98(11): 1841-1854.

293. Demaio Pablo H. & Chiapella Jorge. 2014. *New species in **Gymnocalycium**: a call for common sense*. Cact. Syst. Init. 32: 4-5.

294. Desalegn Chala, Dag Endresen, Sebsebe Demissew & Nils Chr. Stenseth. 2024. *Address Social Injustices in Taxonomy: Implement Extended Revisions of Names with Ethical Issues and Persistent Identifiers for Tracing Name Changes***.** DOI: 10.20944/preprints202407.1673.v1

295. De Vries Johan. 2011. *Die Fundorte von **Sulcorebutia caracarensis** (Cárd.) Donald, **Sulcorebutia inflexiseta** (Cárd.) Donald, und wahrscheinlich auch von **Sulcorebutia pulchra** (Cárd.) Donald nach 40 Jahren wiedergefunden*! Echinopseen 8(1): 1-17.

296. Dicht Reto & Lodé Joël. 2001. ***Coryphantha hintoniorum** Dicht & Luethy = **Coryphantha roederiana***? Cact.-Av. Int. 49(1): 8-10.

297. Dicht Reto F. & Lüthy Adrian D. 2005. ***Coryphantha*: ***Cacti of Mexico and Southern USA***. Ed. Springer verlag Berlin, 200 pp.

298. *Dickie Steven L. & Wallace Robert S. 2001. *Phylogeny and evolution in the subfamily Opuntioideae (Cactaceae) based on rp/16 intron sequence variation*. Systematic Botany (unpublished).

299. Diefendorf Jeffry M. 1993. *In the Wake of War: The Reconstruction of German Cities after World War II*. Oxford Univ. Press, 402pp.

300. Diers Lothar. 2008. *Zur Klärung von Verwandtschaftsbeziehungen durch experimentell-taxonomische Untersuchungen*. Gymnocalycium 21(4):809-814.

301. Diers Lothar. 2008b. *Over Chromosomen bij Cactussen – ter Herinnering aan Albert Buining (2)*. Succulenta 87(3): 127-140.

302. Diers Lothar. 2016. *Über die Variabilität von **Rebutia** und **Sulcorebutia** auf Grund von Isoenzym*-Analysen. Echinopseen 13 (1): 5-20.

303. Dion Mark & Adler Margaret. 2020. *The perilous Texas Adventures of Mark Dion*. Yale University Press, 168 pp.

304. Donald John. 1973. ***Rebutia narvaecense** (Card.) Donald nov. comb*. Ashingtonia vol.1 (2): 73.

305. Donald John. 1974. *The* **Rebutias** *from the Lau Expeditions to Bolivia & Argentina 1969·1972*. Ashingtonia vol.1 (6):64.

306. Donald John. 1978. *Occasional Generic Reviews no.3. **Mila** Britton & Rose.* Ashingtonia 3,4(1): 31-62.

307. Donald John. 1979. *The **Sulcorebutia** – **Weingartia** Problem*. Ashingtonia vol.3 (5-6): 97-139.

308. Donald John & **Brederoo Arnold J**. 1979-1980. *Systematics of **Rebutia** K. Sch. Part 7 continued.* Ashingtonia vol.3 (5-6): 150.

309. Donati Davide & Zanovello Carlo. 2005. *Knowing, understanding, growing **Turbinicarpus**-**Rapicactus,*** Ed. Cactus Trentino SudTirol, pp. 254.

310. Donati Davide & Zanovello Carlo. 2010a. ***Epithelantha** F.A.C. Weber ex Britton & Rose: nuovi dati su ontogenia, fertilità, simpatria e revisione del genere*. Piante Grasse 30(4): 165-187.

311. Donati Davide. 2010. *Una nuova, eccezionale specie appartenente al genere **Corynopuntia** Knuth: **Corynopuntia guccinii** sp. nov.* Piante Grasse 30(3): 115-119.

312. Donati Davide. 2011. *Nuovo studio sul gruppo clavata del genere **Corynopuntia** Knuth: riscoperta di **C. agglomerata** Knuth e descrizione di **C. bulbispina** subsp. **basileocephala** D. Donati subsp. nov.* Piante Grasse 1(31).

313. Donati Davide. 2012. ***Corynopuntia nigrispina**, D.Donati sp. nov. A new species belonging to the genus Corynopuntia Knuth*. Piante Grasse 32(2): 7.

314. Donati Davide, Claudia Bianchi, Giovanna Pezzi, Lucia Conte, Anton Hofer & Alessandro Chiarucci. 2016. *Biogeography and ecology of the genus **Turbinicarpus** (Cactaceae): environmental controls of taxa richness and morphology***.** Systematics and Biodiversity 1-11.

315. *Donati Davide. 2017a. ***Corynopuntia deinacantha** (Cactaceae), a new species from Coahuila, Mexico.* Webbia, 75(1): 105-112.

316. Donati Davide. 2017b. ***Corynopuntia halophila** (Cactaceae), a new species from Coahuila, Mexico.* Plant Biosystems DOI: 10.1080/11263504.2017.1297332

317. Dosil, Javier, Cremades Javier & Fraga Xosé A. 2001. *Faustino Miranda (1905-1964). Nuevos datos relacionados con su formación botánica en España y con su contribución a la Ficología marina*. Botanica Complutensis, 25, 191-205.

318. Doweld Alexander B. 2000a. *On the taxonomy of the genus **Eriocactus** Backeb. (Cactaceae)*. Turczaninowia 3(3): 5-8.

319. Doweld Alexander B. 2000b. (1465) *Proposal to conserve the name **Brasilicactus** against **Acanthocephala** (Cactaceae)*. *Taxon* 49: 564–565.

320. Doweld Alexander B. 2000c. *Proposal to conserve the name **Eriocactus** against **Eriocephala** (Cactaceae)*. Taxon 49(3): 566.

321. Doweld Alexander B. 2000d. *Amplification of the genus **Neolloydia** Britton & Rose: addenda and corrigenda*. Cact. Syst. Init. 9: 19-24.

322. *Doweld Alexander. 2001. *The genus **Ancistrocactus**. Phylogenetic relationships and Classification*. Cactus & Co. 2 (5): 59-102.

323. Doweld Alexander B. 2001a. *Nomenclatural Notes on **Notocactus** and on Alwin Berger's "Kakteen"*. Taxon 50: 879-883.

324. *Doweld Alexander B. 2001b. *Re-classification of Rhipsalideae, a polyphyletic tribe of the Cactaceae Durande. (Delineatio et revisio critica tribuum Rhipsalideae DC. et Hylocereeae F. Buxb. (Cactaceae).* Succulents, 4:1-2.

325. Doweld Alexander B. 2002a. On *the genus **Airampoa** Fric (Opuntioideae–Cactaceae)*. Turczaninowia 5(2): 26-31.

326. Doweld Alexander B. 2002b**.** *A typification of the species of **Hylocereus** (Hylocereeae–Cactaceae)*. Turczaninowia 1(5): 11-16.

327. Doweld Alexander B. 2002c. ***Lagenosocereus**, a new genus of Brazilian Cerei (Cereeae-Cactaceae)*. Turczaninowia 1(5): 5-10.

328. *Doweld Alexander B. 2003. *Phylogenetic Relationships Within **Notocactus - Parodia** - Puzzle*. Cultivar 3-19.

329. Duarte Milen, Guerrero Pablo C., Carvallo Gastón & Bustamante Ramiro O. 2014. *Conservation network design for endemic cacti under taxonomic uncertainty*. Biol. Conservation 176: 236–242.

330. Dubón Manuel H. 2012. ***Leptocereus grantianus***, *the unique endemic cactus to Culebra*. A Fundación Mi Terruño Flora Series Publication.

331. Dugand Armando. 1968. *Notas sobre la flora de Colombia y países vecinos, II*. Caldasia, 10(47), 173-213.

332. Durán García, Rafael. 1997. *Distribución de las especies endémicas de la Península de Yucatán*. Centro de Investigación Científica de Yucatán AC. Unidad de Recursos Naturales. Informe final SNIB-CONABIO Proyecto No. B070. México D. F.

333. Earle Hubert. 1980. *Cacti of the Southwest*. Earle, ed. Phoenix, 210 pp.

334. *Edwards Erika Jeannine, Nyffeler Reto & Donoghue Michael J. 2005. *Basal cactus phylogeny: implications of **Pereskia** (Cactaceae) paraphyly for the transition to the cactus life form*. Am. J. Bot. 92 (7): 1177-1188.

335. Edwards Erika Jeannine & Donoghue Michael J. 2006. ***Pereskia** and the origin of the cactus life-form*. American Naturalist 167: 777-793.

336. Eggli Urs. 1985. *Backeberg's invalid cactus names*. Bradleya 3: 97-102.

337. Eggli Urs. 1992. *A new **Opuntia** from eastern Brazil*. Bradleya 10: 89-94.

338. Eggli Urs, Mélica Muñoz Schick & Beat Ernst Leuenberger. 1995. *Cactaceae of South America: The Ritter Collections*. Engler 16, 646 pp.

339. Eggli Urs & Leuenberger Beat Ernst. 1998. *On Colour Forms of Opuntia weberi (Cactaceae) with Notes on the Typification of the name*. Willdenowia 28: 175-180.

340. Eggli Urs & **Newton Leonard E.** 2004. *Etymological Dictionary of Succulent Plant Names*. ed. Springer, 284pp.

341. Eggli Urs & Nyffeler, R. 2007. ***Parodia allosiphon** (Marchesi) N.P.Taylor (Cactaceae – Cactoideae) – a cladistically 'basal' species with a restricted distribution range*. Bradleya 25: 37-44.

342. Eggli Urs, Machado Marlon C., Nyffeler Reto. 2008. *Nomenclatural note on the subgenera of **Parodia** (Cactaceae - Cactoideae)*. Taxon. 57(3): 985-988.

343. Eggli Urs & Leuenberger Beat Ernst. 2008. *Type Specimens of Cactaceae names in the Berlin herbarium (B).* Willdenowia 38: 213-280.

344. Eggli Urs, Marchesi Eduardo, Bonifacino Mauricio & Nyffeler Reto. 2008. *Taxonomy and distribution of epiphytic cacti in Uruguay - Notes towards a checklist of Cactaceae of Uruguay*, Part 3. Haseltonia 14: 161-169.

345. Eggli Urs & Nyffeler Reto. 2010. *Repertorium Plantarum Succulentarum*, Vol. XLI (1990). International Organisation for Succulent Plant Study, Zürich.

346. Eggli Urs & Walter Helmut. 2013. (2132) Proposal to reject the name ***Cereus spinibarbis*** (Cactaceae). Taxon, 62(2): 405-406.

347. Eggli, Urs & Giorgetta Mario. 2018. *A Putative Intercladal **Echinopsis** s.l. (Cactaceae) Hybrid from Andean Chile.* Haseltonia, 24, 7–15.

348. Elhart Zsolt. 2011. *A new species of **Acharagma** (Cactaceae) from Mexico*. Cactus World 29(2): 105-106; fig. 1.

349. Engleman Mark E. 1960. *Ovule and Seed Development in Certain Cacti*. Am. J. Bot. 47(6): 460-467.

350. Esteves Pereira Eddie. 1997. ***Pierrebraunia*** *Esteves, a New Genus of Cactaceae from Brazil*. Cact. & Succ. J. US 69(6): 296-302.

351. Esteves Pereira Eddie. 1999. ***Pierrebraunia brauniorum*** *Esteves spec. nov., eine neue Kakteenart aus Minas Gerais, Brasilien.* Kakteen und andere Sukkulenten. 50(12): 311-314.

352. Esteves Pereira Eddie, Hofacker Andreas & Braun Pierre J. 2009. ***Bragaia estevesii*** *(Cactaceae) – eine neue Kakteengattung und -art aus Bahia, Brasilien*. Kakteen und andere Sukkulenten. 60(12), 327–333.

353. Estrada-Castillo Sandra, María A. Negritto, José Luis Fernández-Alonso, Eduino Carbonó-Delahoz. 2019. *Las especies de* ***Pereskia*** *(Pereskioideae, Cactaceae) en Colombia*. Caldasia 41(2): 289-300.

354. *Fantinati, Mariana R., Soffiatti Patricia & Calvente Alice. 2021. *A New Phylogenetic Hypothesis for Cereinae (Cactaceae) Points to a Monophyletic Subtribe*. Systematic Botany, 46(3): 689-699.

355. Faria Franco Fernando, Gislaine Angélica Rodrigues Silva, Evandro Marsola Moraes, Nigel P. Taylor, Daniela C. Zappi, Cecília Leiko Jojima, Marlon Câmara Machado. 2017. *Plio-Pleistocene diversification of* ***Cereus*** *(Cactaceae, Cereeae) and closely allied genera*. Botanical Journal of the Linnean Society, 2017, 183, 199–210.

356. Fehlberg Shannon, Jessica Allen & Kathy Church. 2014. *Genetic investigations hold promise for resolution of difficult relationships among red-flowered hedgehog cacti,* ***Echinocereus*** *section Triglochidiatus*. Desert Botanical Garden, Phoenix, Arizona, USA, oral paper.

357. Felger Richard Stephen, Susan Rutman, Jim Malusa, & Marc A. Baker. 2014. *Ajo Peak to Tinajas Altas: A flora in southwestern Arizona. Part 7. Eudicots: Cactaceae – Cactus Family*. Phytoneuron 2014-69: 1-95.

358. Felix Dieter & Blum Wolfgang. 2011. ***Echinocereus****: Die parkeri Gruppe*. 144pp.

359. Felix Dieter, Bauer Herbert & Blum Wolfgang. 2014. ***Echinocereus fendleri*** *(G.Engelmann) F.Senke sx J.N.Haage und seine Unterarten.* Echinocereus Online Journal 2(2).

360. Felix Dieter & Bauer Herbert. 2018. ***Echinocereus****: Die cinerascens Gruppe.* Echinocereus Online-Journal 6(3-4): 63-206.

361. Fenstermacher Joselyn. 2016. *Club chollas of the Big Bend 3.0: Refining species concepts and distributions for the* ***Corynopuntia [Opuntia, Grusonia] schottii*** *complex of western Texas via new chromosome counts, pollen stainability, and morphologic data*. Phytoneuron 2016-1: 1–58.

362. Fernández-Alonso José Luis & Xhonneux Guy. 2002. *Novedades taxonómicas y sinopsis del género* ***Melocactus*** *Link & Otto (Cactaceae) en Colombia.* Revista Acad. Colomb. Ci. Exact. 26(100): 357–359.

363. Fernández-Alonso José Luis & Xhonneux Guy. 2002b. *Taxonomic News & Synopsis of the genus* ***Melocactus*** *Link & Otto in Colombia.* Cactus-Adv. Int. 56: 2-15.

364. Fernández-Alonso José Luis. 2006. *Nueva especie colombiana de* ***Browningia*** *(Cactaceae, Cactoideae, Browningieae) potencialmente promisoria para el país*. Rev. Acad. Colomb. Cienc. 30 (114): 19-30.

365. Fernandez Perez Manolo. 2012. *Estudo de estrutura genética da espécie de Cactácea columnar* ***Pilosocereus machrisii*** *utilizando DNA microssatélite*. Dissertation (Master) - Federal University of São Carlos, Brazil.

366. Ferguson David J. 1987. ***Opuntia cymochila****: a species lost in the shuffle*. Cactus and Succulent Journal (U.S.) 59:256.

367. Figueredo Carmen J., Nassar Jaffet M., García-Rivas Adriana E., González-Carcacía José A. 2010. *Population genetic diversity and structure of* ***Pilosocereus tillianus*** *(Cactaceae, Cereeae), a columnar cactus endemic to the Venezuelan Andes*. Journal of Arid Environments 74: 1392-1398

368. Fitz Maurice Walter Alfred & Fitz Maurice Betty. 1995. ***Mammillaria bocasana*** *Poselger subsp.* ***eschauzieri*** *(Coulter), W. A. &B. Fitz Maurice comb, et stat. nov*. J. Mammillaria Soc. 35(2): 17-18.

369. Fitz Maurice Walter Alfred & Fitz Maurice Betty. 1997. *Fieldnotes.* ***Mammillaria crinita*** *- a new look at old names*. Cact. Succ. J. (US) 69(5): 249-258.

370. Flores-Martínez Alejandro, Manzanero M. G. I, Martínez H. G. C. & Pacheco V. G. S. 2002. *Aspectos sobre la ecología y reproducción de* ***Mammillaria kraehenbuehlii*** *(Krainz) Krainz en la Mixteca de Oaxaca, México*. Cactáceas y Suculentas Mexicanas. XLVII. 577-68.

371. Font Fabián & Pablo Picca. 2001a. *Natural hybridization between* ***Trichocereus atacamensis*** *(Philippi) Marshall and* ***Denmoza rhodacantha*** *(Salm-Dyck) Britton & Rose (Cactaceae)*. Bradleya 19: 59-66.

372. Font Fabián & Pablo Picca. 2001b. The geographic and conservation status of ***Lobivia walteri*** and ***Trichocereus smrzianus***. Brit. Cact. Suc. J. 19 (1): 2-14.

373. Font Fabián. 2014. *A revision of* ***Opuntia*** *series Armatae K. Schum. {****Opuntia*** *ser. Elatae Britton & Rose (Cactaceae-Opuntioideae)*. Futher Studies in the Opuntioideae 51-94.

374. Förster Carl Friedrich. 1846. *Handbuch der Cacteenkunde*. Ed. Woller, Leipzig.

375. Förster Carl Friedrich. 1886. *Handbuch der Cacteenkunde*. vol. 1 & 2, Ed. Woller, Leipzig.

376. Fournier Paul. 1935. Les Cactées et Plantes Grasses. Encycl. Pratique du Naturaliste XXVIII, Ed. Paul Lechevalier, 414pp.

377. Frahm Jan-Peter & Jens Eggers. 2001. *Lexicon Deutschsprachiger Byologen*. ISBN Nr3 8311-0986-9, 672pp.

378. *Franck Alan R. 2012a. *Systematics of **Harrisia** (Cactaceae).* Graduate School Theses and Dissertations.

379. Franck Alan R. 2012b. *Synopsis of **Harrisia**, including a Newly described Species, several typifications, New synonyms and a key to Species.* Haseltonia 18: 95-104.

380. *Franck Alan R., Cochrane Bruce J., & Garey James R. 2012. *Low-copy nuclear primers and ycf1 primers in Cactaceae*. American Journal of Botany 99: e405-e407.

381. *Franck Alan R., Cochrane Bruce J., & Garey James R. 2013a. *Phylogeny, biogeography, and infrageneric classification of **Harrisia** (Cactaceae)*. Systematic Botany 38: 210–223.

382. *Franck Alan R., Cochrane Bruce J., & Garey James R. 2013b. *Relationships and dispersal of the Caribbean species of **Harrisia** (sect. Harrisia; Cactaceae) using AFLPs and seven DNA regions*. Taxon 62: 486–497.

383. Franck, Alan R. 2016a. *(2475–2477) Conserve **Cereus eriophorus**; reject **C. cubensis & C. subrepandus***. Taxon 65(5): 1177-1178.

384. Franck, Alan R. 2016b. *Monograph of **Harrisia** (Cactaceae)*. Phytoneuron 2016-85: 1–159. Part 1, pp. 1-52; Part 2, pp. 53–68; Part 3, pp. 69–101; Part 4, pp. 102–134; Part 5, pp. 135–159.

385. Franck, Alan R., Brígido Peguero, William Cinea, & Brett Jestrow. 2017. *A new species of **Cereus** s.str. (Cactaceae) endemic to Haiti*. Phytoneuron 2017-29: 1–17.

386. *Franck, Alan R., Barrios Duniel, Campbell Keron, Lange James, Peguero Brígido, Santiago-Valentin Eugenio, Rigerszki Zoltán, Haakonsson Jane, Gann George, Cinea William, Howe Natalie, John James, Moreno Juan & Clark Cynthia. 2019. *Revision of **Pilosocereus** (Cactaceae) in the Caribbean and northern Andean region*. Phytotaxa. 411: 129-182.

387. *Franco-Estrada Daniel, Sánchez Daniel, Terrazas Teresa, Arias Salvador. 2021. Phylogenetic analysis of ***Peniocereus*** (Cactaceae, Echinocereeae) based on five chloroplast DNA markers. Brazilian Journal of Botany volume 44, pages 903–916.

388. * Franco-Estrada Daniel, Duniel Barrios, Cristian R. Cervantes, · Xochitl Granados-Aguilar & Salvador Arias. 2022**.** *Phylogenetic and morphological analyzes of **Pilosocereus leucocephalus** group s.s. (Cactaceae) reveal new taxonomical implications*. Journal of Plant Research 135(3): 423-442.

389. Frank Gerhart. 1963. *Was ist **Gymnocalycium stuckertii*** Speg.? Kakteen u. a. Sukkulenten 14(8): 153-154.

390. Frank Gerhart. 1971. *The Form-circle **Gymnocalycium capillaense – sigelianum – stutterianum***. The Chileans 71 vol. 2, nr. 19.

391. Freitas Juliana & Alves Lânia, Zappi Daniela, Almeida Erton, Peraza-Flores Lizandro, Amaral Daniel, Araújo Daniel, Bruno Pereira & Batista Fabiane. 2021. *Novelties in Cactaceae from Eastern Brazil: Adding two new species and one new nothospecies to **Tacinga** (Opuntioideae)*. Phytotaxa 490 (3): 239-252.

392. Freitas Juliana, Lizandro N. Peraza-Flores, Erton Mendonça de Almeida & Fabiane Rabelo da Costa Batista. 2023. ***Tacinga paiaia** (Cactaceae), a New Species from the Semi-arid Region of Brazil*. Systematic Botany (2023), 48(4): pp. 579-586.

393. Freitas Maria de Fátima, Moraes Calvente Alice & Alvarenga Braga João Marcelo. 2009. *A New Species of **Rhipsalis** (Cactaceae) from Brazil.* Systematic Botany 34(3): 505-509.

394. Friedman Kenneth A. 1980. ***Hatiora** Britton & Rose.* Cactus & Succulent Journal (US) 52(3): 127-129.

395. Friedrich Heimo & Glaetzle Wolfgang. 1983. *Seed-morphology as an aid to classifying the genus **Echinopsis** Zucc.* Bradleya 1: 91-104.

396. Fritz Günther. 2001. *Some critical comments about the IOS Cactaceae Consensus Groups's Concept of **Rebutia***. Cact. & Succ. J. US 73(5): 250-253.

397. Fuentes Alfredo F. & Noemí R. Quispe. 2009. Una especie nueva de ***Cereus*** (Cactaceae), del bosque seco del valle del río Tuichi, Parque Nacional y Área Natural de Manejo Integrado Madidi, La Paz, Bolivia. Revista de la Sociedad Boliviana de Botánica 4(2): 197-202.

398. Fuentes Mayo Vladimir. 2012. *Atributos demográficos y biología reproductiva de **Coryphantha cornifera** y **Stenocactus anfractuosus** con fines de conservación.* Doctoral thesis, Montecillo, Texcoco, Estado de México.

399. Fuentes-Perez Mireya, Terrazas Teresa & Arias Salvador. 2009. *Anatomía floral de cinco especies de **Opuntia** (Opuntioideae, Cactaceae) de México*. Polibotánica. 27: 89-102. ISSN 1405-2768.

400. Funk, Vicky Ann & Scott Alan Mori. 1989. *A Bibliography of Plant Collectors in Bolivia*. Smithsonian Contributions to Botany 70: 20.

401. Gaffiot Félix. 1936. *Dictionnaire abrégé Latin-Français*. Hachette, Paris, 720 pp.

402. Gapon Victor. 2001. *For Whom the genus **Leuchtenbergia** was named?* Kaktus-Klub Russia 4-5: 39-44.

403. Gapon Victor. 2020. ***Gymnocalycium "fedjukinii vs. "meregallii"***. The Cactus Explorer 26: 51-56.

404. *García Aguilar Ma. de los Ángeles, Terrazas Teresa, Arias Salvador. 2009. *Anatomía caulinar de tres especies del género **Hylocereus** (Berger) Britton & Rose (Cactaceae) en México*. Revista Fitotecnia Mexicana, Vol. 32, Núm. 3, julio-septiembre, 2009, pp. 201-208.

405. García Mayén Jorge, Vela Correa Gilberto, Rodríguez Gamiño Ma. De Lourdes, Acevedo Sandoval Otilio A. 2012. *Características de los suelos asociados con la distribución y abundancia de **Ariocarpus bravoanus** en la Estación Nuñez Guadalcazar en San Luis Potosí, México*. Cactus y Suculentas Mexicanas 57(4):100-113.

406. García Morales Leccinum, González-Botello Miguel & Gónzalez G. R.H. 2014. ***Ancistrocactus pinkavanus** (Cactaceae), A new species from Northern Mexico*. Acta Succulenta 1.

407. García Morales Leccinum, Rodrigo González González, Jesús García Jiménez & Duilio Iamonico. 2020. *A new species of **Cochemiea** (Cactaceae, Cacteae) from Sinaloa, Mexico.* Acta Botanica Mexicana 127: e1626. DOI: 10.21829/abm127.2020.1626.

408. García Ricardo. 2007. *Pereskia quisqueyana, una especies en peligro crítico de extensión.* Bol. Soc. Latin. Carib. Cact. Suc. 4(2).

409. Gauthier Olivier. 2006. *Utilisation de réseaux en analyse phylogénétique : détection de taxons hybrides et combinaison d'arbres.* Doctoral thesis, Univ. of Montréal.

410. Gdaniec Andrew, Hoxey Paul, Ackerman James D. & Culham Alastair. 2022. *A New Miniature **Melocactus** (Cactaceae) from Puerto Rico*. Caribbean Journal of Science, 52(2) : 209-218.

411. Gentili Alessandro, & Calestani Gianluca. 2011. *Between the diagonal and the transversal: The complex of **Sulcorebutia crispata** and the sulcorebutias of the south-east*. Cactus & Co. 4(2): 53-69.

412. Gentili Alessandro, Hans Jörg Jucker, Calestani Gianluca, Peter Lechner. 2016. The ***Sulcorebutia*** from the Cordillera Mandinga. Piante Grasse, suppl. 1-2016, 80pp.

413. Gerloff Norbert., Neduchal, Jožka. & Stuchlik, Sanislas. 1995. *Notokakteen. Gesamtdarstellung go Notokakteen*. Kveten, Brno (CZ); 208 S (illustr.), 208 pp.

414. Gerloff Norbert & René Zahra. 1997. *Four different Notocacti from One Small Region.* British.Cact Succ.J. 15(4) : 177-180.

415. Gertel Willi & de Vries Johan. 2009. Taxonomische Veränderungen infolge der Einbeziehung von **Sulcorebutia** zu **Weingartia**. Echinopseen 6(1): 12-23.

416. *Gibson Arthur C. & Horak Karl E. 1978. Systematic anatomy and phylogeny of Mexican columnar cacti. Annals of the Missouri Botanical Garden 65: 999-1057.

417. Gibson, Arthur C. & Nobel Park S. 1986. *The Cactus Primer*. Harvard University Press, Cambridge, 286 pp.

418. Gibson Arthur C., Spencer Kevin C., Bajaj Renu & McLaughlin Jerry L. 1986. *The ever-changing landscape of cactus systematics*. Ann. Missouri Bot. Gard. 73: 532-555.

419. Gibson Arthur C. 1989. *The systematics and evolution of subtribe Stenocereinae.7. The Machaerocerei of **Stenocereus**.* Cactus and Succulent Journal (U.S.) 61:104–112.

420. Gibson Arthur C. 1990. *The systematics and evolution of subtribe Stenocereinae, 9. **Stenocereus** and its closest relatives*. Cact. & Succ. J. of America 62: 170-176.

421. Glaetzle Wolfgang. & Prestlé Karl H. 1986*. Seed-morphology of the genus **Notocactus***. Bradleya 4: 79-96.

422. Glass Charles & Foster Robert. 1971. *Mexico Logbook*. Cact. & Succ. J. (US) 43(2): 70-76.

423. Glass Charles & Foster Robert. 1981. *What's New: Echinofossulocactus*. Cact. & Succ. J. (US) 53(2): 61.

424. Glass Charles & Fitz Maurice W.A. 1992. *Nuevos Taxa de Cactáceas de Nuevo León, México*. Cact. Suc. Mex. 37(1): 11-21.

425. Glass Charles. 1997. *Mexico Takes Steps Against Illegal Extraction of Cacti*. British Cactus & Succulent Society 15(2): 83-84.

426. Godoy-Bürki, Ana C., Aagesen Lone., Sajama Jesús. M., Bravo Silvia A., Alonso-Pedano Mariana, & Ortega-Baes Pablo. 2016. *Rarity patterns and conservation priorities in Cactaceae species from the Southern Central Andes: a case study from the Calchaquíes Valleys, Salta, Argentina*. Ecología Austral, 26(1), 72–82.

427. Gómez-Hinostrosa, Carlos & Hernandez Héctor M. 2011. *A new combination in **Peniocereus** (Cactaceae)*. Rev. Mex. Biodiv. 2005, 76(2): 129-135.

428. Gómez-Hinostrosa Carlos & Hernández Héctor M. 2022. *Studies on Mexican Cactaceae. VII. Taxonomic Notes on **Disocactus heterodoxus**.* Brittonia, 20(10): 1-10.

429. Gonzaga Diego Rafael, Daniela Zappi, Samyra Gomes Furtado e Luiz Menini Neto. 2014. *Cactaceae na Serra Negra, Minas Gerais, Brasil*. Rodriguésia 65(2): 11pp.

430. Gonzaga Diego Rafael, Moraes Lucas, Menini Neto Luis, Peixoto Ariane Luna. 2016. *Rediscovery, considerations about type locality and conservation of **Rhipsalis agudoensis** (Cactaceae) from the Brazilian Atlantic Forest*. Phytotaxa 278: 74-78.

431. Gonzaga Diego Rafael, Mariana Albuquerque de Souza, Luiz Menini Neto, Ariane Luna Peixoto, Claudia Barbieri Ferreira Mendonça & Vania Gonçalves-Esteves. 2019. *The systematic value of pollen morphology in **Arthrocereus** A. Berger (Cactaceae, Cactoideae)*. Review of Palaeobotany and Palynology 269, October: 33-41.
doi.org/10.1016/j.revpalbo.2019.06.009

432. Gonzaga Diego Rafael, Maria de Fátima Freitas & Alice Calvente. 2022. *Cactaceae of Rio de Janeiro*. fieldguides.fieldmuseum.org 1-23 (CC0).

433. Gonzaga Diego Rafael, Pereira Fabricio de Oliveira, Almeida Thais Hidalgo de Moreira, Pires Ana Carolina Mezzonato, Menini Neto Luiz. 2023. *New and revised records of **Tacinga** from Goiás and Tocantins States, Brazil*. Hoehnea 50: e292023. https://doi.org/10.1590/2236-8906e292023

434. Gonzaga Diego Rafael, Dieter Liebsch & Mathias Erich Engels. 2022. ***Arrojadoa flava** (Cactaceae, Cactoideae), a new yellow flowered species from the Brazilian flora*. Phytotaxa 597(1): 73-79.

435. Gonzaga Diego Rafael & Pereira Fabricio. 2025. ***Arrojadoa bahiensis*** subsp***. minutiflora** (Cactaceae, Cactoideae), a new subspecies from the Brazilian flora*. Phytotaxa. 684. 129-134.

436. Gonzalez-Cortés Areli, Francisca Ramírez-Godina, M. Humberto Reyes-Valdés, Valentín Robledo-Torres, Miguel Ángel Pérez-Rodríguez, José A. Villarreal-Quintanilla & Alfonso López-Benítez. 2019. *Seed morphology of seven species from **Opuntia** genus (Cactaceae) collected at Coahuila's southeast* (Mexico). Bol. Soc. Argent. Bot. 54: 493-507.

437. González-Oliva Lisbet & Urquiola Armando J. 2005. *Elementos sobre la ecología de **Harrisia taetra**, un cactus endémico la Península de Guanahacabibes, Pinar del Río.* Conservación de Cactus Cubanos, Jard. Bot. Nac. Univ. La Habana p.51-54.

438. González-Oliva Lisbet, González-Torres Luis Roberto, Palmarola Bejerano Alejandro, Barrios Duniel & Testé Ernesto. 2015. *Categorización de taxones de la flora de Cuba*. Bissea 9 (special issue 4): 3-707.

439. González Rodrigo. 2017. ***Mammillaria bertholdii** Linzen, three years after its description*. Xerophilia 4(1) : 5-12.

440. González-Torres Luis Roberto & Palmarola Bejerano Alejandro. 2006. *Hallazgo de **Leptocereus wrightii** (Cactaceae) en Puerto Escondido, La Habana*. Rev. Jard. Bot. Nac. Univ. La Habana, Cuba, 27: 147-148.

441. González-Torres Luis Roberto, Alejandro Palmarola, Yuniel Echemendía & Duniel Barrios. 2007. *Conservation of **Leptocereus scopulophilus** and **L. wrightii**, two endemic cacti from Cuba*. Cactus World, Conservation Special Issue (June).

442. González-Torres Luis Roberto, Alejandro Palmarola & Duniel Barrios. 2011. *The programme for the conservation of Cuban cacti: achievements and challenges*. Cactus World 29(1): 39-43.

443. González-Torres Luis Roberto, Duniel Barrios & Alejandro Palmarola. 2012. *The ecology and natural history of **Leptocereus scopulophilus** (Cactaceae)*. Cactus World 30 (2): 110-114.

444. González-Zamora Pedro, Aarón Rodríguez-Contreras, & Daniel Sánchez. 2021. ***Acanthocereus atropurpureus** P. Gonzalez-zamora & Dan. Sanchez 2021, Sp. Nov. A New Endemic Species of **Acanthocereus** (Cactaceae) from Southern Jalisco, Mexico*. Phytotaxa 522 (2):131-138. https://doi.org/10.5281/zenodo.5557775.

445. González-Zamora, Pedro, David Aquino, Aarón Rodríguez & Daniel Sánchez. 2023. ***Mammillaria monochrysacantha** (Cactaceae), a new endemic species from Guanajuato, Mexico*. Phytotaxa 618 (3): 243-253. DOI: https://doi.org/10.11646/phytotaxa.618.3.2

446. *Gorelick Root. 2002. *DNA sequences and cactus classification: a short review*. Bradleya 20: 1–4.

447. *Gorelick Root. 2004. *Resolving the phylogenetic placement of **Blossfeldia liliputana** (Cactaceae): reticulate evolution, chloroplast inheritance, and graft-chimeras*. Bradleya 22: 9–14.

448. Gorelick Root & Shannon C. Doan. 2005. *Distribution of **Ferocactus emoryi** (Cactaceae) in Arizona*. Bradleya 23: 31-40.

449. Gorelick Root. 2008. *Early Cactus Evolution*. Haseltonia 14: 3-5.

450. Gorelick Root. 2009. *Evolution of cacti is largely driven by genetic drift, not selection*. Bradleya 27: 37-48

451. Gorelick Root & Machado Marlon. 2012. *Axillary Branching of Lateral Cephalia of **Coleocephalocereus** (Cactaceae)*. Haseltonia 17: 35–41.

452. Gorelick Root. 2015. *New combinations in **Coryphantha** and **Escobaria** (Cactaceae)*. Journal of the Botanical Research Institute of Texas 9(1-2): 25-30, 351-352.

453. Gorelick Root. 2016. *What is a cephalium?* Bradleya 34: 100-124.

454. Gorelick Root. 2019. ***Espostoa (Vatricania) guentheri** have unusual cephalia or pseudocephalia*.

455. Gorelick Root. 2020. ***Cylindropuntia leptocaulis x versicolor***. The Cactus Explorer 26: 80-82.

456. Gotelli Marina M., Scambato Agustina, Galati Beatriz & Kiesling Roberto. 2009*. Pollen development and morphology in four species of **Pterocactus** (Cactaceae)*. Ann. Bot. Fennici, 46: 409-415.

457. Govaerts Rafael, Nic Lughadha Eimear, Black Nicholas, Turner Robert & Paton Alan. 2021. *The World Checklist of Vascular Plants, a continuously updated resource for exploring global plant diversity*. https://doi.org/10.1038/s41597-021-00997-6. Scientific Data 8: 215.

458. Graf Curt. 1981. *Palynological Investigations of Two Post-Glacial Peat Bogs near the Boundary of Bolivia and Peru*. Journal of Biogeography, 8(5): 353-368.

459. Granados-Aguilar Xochitl, Rosas Ulises, González-Rodríguez Antonio, & Arias Salvador. 2022. *The prickly problem of interwoven lineages: hybridization processes in Cactaceae*. Botanical Sciences, 100(4): 797-813.

460. Grant Malcom A. 2020. *Recent revisions in **Sulcorebutia**: a New Zealand amateur's view*. Carpophyma 4: 8-26.

461. Gregory Mary. 1981. *References to scanning electron microscope photographs of seeds of Cactaceae*. The Cactus and Succulent Journal of Great Britain 43(4): 114-116.

462. *Griffith M. Patrick. 2002. ***Grusonia pulchella**: classification and its impacts on the genus **Grusonia**: morphological and molecular evidence*. Haseltonia, No.9.

463. *Griffith M. Patrick & Porter J. Mark. 2003. *Back to the basics: a simple method of DNA extraction for mucilaginous cacti*. Bradleya 21: 126-128.

464. *Griffith M. Patrick. 2003. *Using molecular evidence to elucidate reticulate evolution in **Opuntia** (Cactaceae)*. Madroño 50(3) 162-169.

465. *Griffith M. Patrick. 2004. *What did the first cactus look like? An attempt to reconcile the morphological and molecular evidence*. Taxon 53: 493–499.

466. *Griffith M. Patrick & Porter J. Mark. 2009a. *Phylogeny of Opuntioideae (Cactaceae)*. International Journal of Plant Sciences 170:107-116.

467. Griffith M. Patrick. 2009b. *Evolution of leaf and habit characters in Opuntioideae (Cactaceae): reconstruction of ancestral form*. Bradleya 27: 49-58.

468. Griffith, Patrick M., Sustache José, Francisco-Ortega Javier & Santiago-Valentin Eugenio. 2012. *Cactus, Succulent, and Pachycaul Flora of Mona Island*. Haseltonia 18: 56-66. DOI:10.2985/026.018.0108.

469. *Grimaldo Onécimo, García Armando, Ortiz Joaquin & Ruiz Lucero del Mar. 2001. *Características cariotípicas de seis genotipos de pitahaya (**Hylocereus** spp.)*. Revista Chapingo. Serie Horticultura 7(2): 177-195.

470. *Grosse-Veldmann Bernadette, Stefan Abrahamczyk, Jens Mutke, Wilhelm Barthlott & Maximilian Weigend. 2016. ***Rhipsalis** (Cactaceae): loss and gain of floral rewards is mirrored in range sizes and distribution patterns of species*. Botanical Journal of the Linnean Society, 180(4): 491-503.

471. *Guerrero Pablo C., Arroyo Mary T.K., Bustamante Ramiro O., Duarte Milén, Hagemann Thomas K. & Walter Helmut E. 2011. *Phylogenetics and predictive distribution modeling provide insights into the geographic divergence of **Eriosyce** subgen. **Neoporteria** (Cactaceae)*. Plant Syst. Evol. 297:113–128.

472. *Guerrero Pablo C., Lucas C. Majure, Amelia Cornejo-Romero & Tania Hernández-Hernández. 2018. *Phylogenetic relationships and evolutionary trends in the Cactus family*. The Journal of heredity 110(1).

473. *Guerrero Pablo C., Helmut E. Walter, Mary T.K. Arroyo, Carol M. Peña, Italo Tamburrino, Marta De Benedictis & Isabel Larridon. 2019. *Molecular phylogeny of the large South American genus **Eriosyce** (Notocacteae, Cactaceae): Generic delimitation and proposed changes in infrageneric and species ranks*. Taxon 68(3): 557-573.

474. Guerrero Pablo C. & Walter Helmut E. 2019. *Nomenclatural novelties and a new species in Chilean Cactaceae.* Phytotaxa 392 (1): 089-092.

475. Guiggi Alessandro. 2007a. ***Airampoa picardoi**, the correct name for **Opuntia picardoi**.* Haseltonia 13: 89-90.

476. Guiggi Alessandro. 2007b. ***Arrojadoopsis**, a New Genus of the Tribe Cereeae from Bahia, Brazil (Cactoideae).* Cactology 1: 25-26.

477. Guiggi Alessandro. 2009. *Ein Beleg für das frühere Vorkommen von **Melocactus** (Cactaceae) auf den Galapagos-Inseln?* Kakteen und andere Sukkulenten 60(10): 264-265.

478. Guiggi Alessandro. 2010a. *Taxonomic Novelties in Two Cereiform Genera of Colombia & Venezuela (Cactoideaea-Cereeae): **Praepilosocereus** Guiggi Gen. nov. and New Combinations in **Subpilocereus** Backeberg.* Cactology 2: 17-22.

479. Guiggi Alessandro. 2010b. *A revision of the genus **Melocactus** Link &Otto (Cactoideae-Cereeae) in Cuba with an appendix of the accepted status of remaining Carribean taxa*. Cactology 2: 23-38.

480. Guiggi Alessandro. 2011. *Genera nova et combinationes novae in cactaceis austroamericanis ad subfamiliam Opuntioideae K. Schumann spectantibus*. Supplement to Cactology 2.

481. Guiggi Alessandro. 2012a. *New genera and combinations in the Family of Cactaceae Jussieu (Magnoliopsida-Cactales)*. Cactology, 3: 5-9.

482. Guiggi Alessandro. 2012b. *A new nomenclatural status for **Consolea corallicola** (Miller) Lemaire (Opuntioideae - Opuntieae) from Florida Keys (United States)*. Cactology 3: 17-19.

483. Guiggi Alessandro. 2013. *Genera Nova et Combinationes novae in Cactaceis Austroamericanis ad Subfamiliam Opuntioideae K.Schumann Spectantibus III.* Supplement 5 to Cactology 3.

484. Guiggi Alessandro. 2014a. *Circumscription and Nomenclatural Revision in **Azureocereus** Akers & Johnson from South Peru (Cactoideae-Browningieae)*. Cactology 5: 4-12.

485. Guiggi Alessandro. 2014b. *New combinations in the accepted genus **Gymnanthocereus** Backeberg from NW South-America (Cactoideae-Browningieae).* Cactology 5: 12-15.

486. Guiggi Alessandro. 2015. *Genera Nova et Combinationes Novae in Cactaceis Austroamericanis ad Subfamiliam Opuntioideae K.Schum.Spectantibus IV.* Supplement to Cactology 3.

487. Guiggi Alessandro. 2017. *Addenda et Corrigenda in **Cleistocactus** Lemaire and Allied Genera.* Supplement 4 to Cactology 5.

488. Guiggi Alessandro. 2018. ***Serrulatocereus** Guiggi, a New Proposed Genus for the Recent Re-evaluated **Cereus serruliflorus** Haworth from Haiti (Cactaceae)*. Supplementum VI to Cactology V Sept. 2018.

489. Guiggi Alessandro. 2020a. *Argentina: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

490. Guiggi Alessandro. 2020b. *Brazil: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

491. Guiggi Alessandro. 2020c. *Caribbean Region: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

492. Guiggi Alessandro. 2020d. *Chile: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

493. Guiggi Alessandro. 2020e. *Ecuador: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

494. Guiggi Alessandro. 2020f. *Mexico: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

495. Guiggi Alessandro. 2020g. *Perú: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

496. Guiggi Alessandro. 2020h. *United States: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) June 2020.

497. Guiggi Alessandro & Mauro Mariotti. 2022. *Taxonomic and nomenclatural novelties in some Cactaceae of Greater Antilles*. Phytotaxa 573(2): 215-230.

498. Guiggi Alessandro. 2022a. *Caribbean Region: Nomenclatural Revision in Cactaceae II*. Cactology V (Suppl. VIII) July 2022.

499. Guiggi Alessandro. 2022b. *Mexico: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) July 2022.

500. Guiggi Alessandro. 2022c. *A New Generic Status for **Pilosocereus bohlei** Hofacker (Cactaceae-Cereeae) from Bahia (NE Brazil)*. Cactology V (Suppl. VIII) July 2022.

501. Guiggi Alessandro. 2023a. *Bolivia: Nomenclatural Revision in Cactaceae*. Cactology V (Suppl. VIII) January 2023.

502. Guiggi Alessandro. 2023b. *New Combinations in the genus **Melocactus** Link & Otto from Greater Antilles*. Cactology V (Suppl. VIII) January 2023.

503. Guiggi Alessandro. 2023c. *A New Mammilloid genus from SW United States and Mexico*. Cactology V (Suppl. VIII) January 2023.

504. Guiggi Alessandro & Mauro Mariotti. 2024. *Revision of the **Echinocereus engelmannii** Complex Taxonomy (Cactaceae) in Southern California (USA)*. The Cactus Explorer 29: 62-74.

505. Guiggi Alessandro. 2025. *The Cactaceae collection of the Municipality of Savona. Catalogus Plantarum Cactacearum Horti Ligustici Saonensis*. Ed. Marco Sabatelli, 42pp.

506. Guillaumet Jean-Louis. 1972. *Les Variations du genre **Rhipsalis** (Cactacées) à Madagascar*. Adansonia sér.2, 12 (3): 433-445.

507. Gurvich Diego, Zeballos Sebastián & Demaio Pablo. 2014. *Diversity and composition of cactus species along an altitudinal gradient in the Sierras del Norte Mountains (Córdoba, Argentina).* South African Journal of Botany. 93. 142-147.

508. Gutiérrez-Rodríguez Brandon E., Roger Guevara, Diego F. Angulo, Catalina Ruiz-Domínguez & Victoria Sos. 2022. *Ecological niches, endemism and conservation of the species in **Selenicereus** (Hylocereeae, Cactaceae)*. Brazilian Journal of Botany. Published online: 25 July 2022. https://doi.org/10.1007/s40415-022-00818-z

509. Guzmán Ulises, Salvador Arias & Patricia Dávila. 2003. *Catálogo de Cactáceas Mexicanas*. UNAM, CONABIO. 315 pp. Proyecto AP003 México, D.F.

510. Guzmán Ulises, Salvador Arias & Patricia Dávila. 2007. *Catálogo de autoridades taxonómicas de las cactáceas (Cactaceae: Magnoliopsida) de México*. Facultad de Estudios Superiores Iztacala, UNAM. Base de datos SNIB-CONABIO, proyectos Q045 y AS021. México.

511. Haage Walther. 1986. *Kakteen von A bis Z*. Ed. Quelle & Meyer.

512. Habibi Youssef, Heux, Laurent, Mahrouz Mostafa & Vignon, Michel R. (2008*). Morphological and structural study of seed pericarp of **Opuntia ficus-indica** prickly pear fruits*. Carbohydrate Polymers, 72(1), 102–112.

513. Halda Josef & Malina Miroslav. 2005. *A new taxonomy of the **Astrophytum – Frailea** group*. Acta Mus. Richnov., Sect. Natur. 12(1): 11−15.

514. Halda Josef. & I. Milt. 2007. *New descriptions in the genus **Gymnocalycium** Pfeiffer II*. Acta Mus. Richnov., Sect. Natur. 14(4): 96−104.

515. Haller Sofía Clara. 2020. *La historia marítima de la Patagonia Atlántica*: *circulación de especies en el contexto social global* (*1800-1914*). Tesis Doctoral, Universidad Nacional de San Martín, 267 pp.

516. Hammel Barry. 2007. ***Selenicereus inermis** (Otto) Britton & Rose vs. **S. wercklei** (F. A. C. Weber) Britton & Rose (Cactaceae): a taxonomic and photographic showdown!* The Cutting Edge (14)3.
https://www.mobot.org/MOBOT/research/Edge/jul07/jul07pick.shtml

517. Hanamaru Aoi, Shinsei Maru & Aoi Komaru. 1999. ***Coryphantha retusa***.
http://cactus1toshi.web.fc2.com/Nouth_America_index/coryphantha/speace/18_.htm

518. Harding Kourtney T. 2017. ***Sclerocactus wetlandicus****: Habitat Characterization, Seed Germination and Mycorrhizal Analysis*. All Graduate Theses and Dissertations. 6497. https://digitalcommons.usu.edu/etd/6497

519. *Harpke Dörte, Peterson Angela, Hoffmann Matthias H. & Roser Martin. 2006. *Phylogenetic evaluation of chloroplast trnL-trnF DNA sequence variation in the genus* ***Mammillaria***. Schlechtendalia 14: 7-16.

520. *Hartmann Stephanie, Nason John D., Bhattacharya Debashish. 2002. *Phylogenetic origins of* ***Lophocereus*** *(Cactaceae) and the senita cactus-senita moth pollination mutualism*. American journal of botany 89(7):1085-92.

521. Hassler Émile. 1908-1909. *Les supercheries botaniques de Domingo Parodi*. Bull. Herb. Boissier ser. 2 (8): 979-980; 985-986.

522. Hataway Bates Thomas. 2020. ***Sclerocactus wrightiae*** *(Cactaceace): An Evaluation of the Impacts Associated with Cattle Grazing and the Use of Remote Sensing to Assess Cactus Detectability*. Theses and Dissertations. 8986. https://scholarsarchive.byu.edu/etd/8986

523. Havstad Joyce C., Assis Leandro C.S., Rieppel Olivier. 2015. *The semaphorontic view of homology. J. Exp. Zool*. (Mol. Dev. Evol.) 324B:578-587.

524. Hawkes Michael W. 2005. In search of Cactus and Seaweeds on desert shores: Yale Dawson (1918–1966), Botanist. Haseltonia 11: 126-137.

525. Heath, P. V. 1989. *The Question of* ***Echinofossulocactus*** *(Cactaceae)*. Taxon 38:(2) 281–288.

526. Heil, Kenneth D. & Brack Steven. 1986. *Sneed and Lee Pincushion Cacti (****Coryphantha sneedii var. sneedii - Coryphantha sneedii var. Ieei****) Recovery Plan*. US, Fish and Wildlife Service, Albuquerque, New Mexico, 59 pp.

527. Heil, Kenneth D. & Porter J. Mark. 1994. ***Sclerocactus*** *(Cactaceae): A revision*. Haseltonia 2: 20-46.

528. Heller John Lewis & William Thomas Stearn. 1958. *An Appendix to the Species Plantarum of Carl Linnaeus*. The Ray Society London, 60 pp.

529. Helsen Philippe, P. Verdyck, A. Tye & S. Van Dongen. 2009. *Low levels of genetic differentiation between* ***Opuntia echios*** *varieties on Santa Cruz (Galápagos)*. Plant Systematics and Evolution, 279(1/4), 1–10.

530. Hentzschel Günter & Augustin Karl. 2008: ***Weingartia, Sulcorebutia*** und ***Cintia*** - eine untrennbare Einheit - Merkmalsvergleiche und Neukombinationen. Gymnocalycium 21(2): 767-782.

531. Hernandez Héctor M. & Anderson Edwards F. 1992. *A new species of* ***Ariocarpus*** *(Cactaceae)*. Bradleya 10: 1-4.

532. Hernandez Héctor M. & Gómez-Hinostrosa C. 2004*. Studies on Mexican Cactaceae. IV. A new subspecies of* ***Echinocereus palmeri*** *Britton & Rose, first record of the species in the Chihuahuan Desert*. Bradleya 22: 1-8.

533. *Hernández-Hernández Tania, Hernández Héctor M., De-Nova J. Arturo, Puente Raúl, Eguiarte Luis E., Magallón Susana. 2011. *Phylogenetic relationships and evolution of growth form in Cactaceae (Caryophyllales, Eudicotyledoneae).* Am. J. Bot. (1):44-61.

534. *Hernández-Hernández Tania, Joseph W. Brown, Boris O. Schlumpberger, Luis E. Eguiarte & Susana Magallón. 2014. *Beyond aridification: multiple explanations for the elevated diversification of cacti in the New World Succulent Biome*. New Phytologist 2014.

535. Hernández-Ledesma Patricia, Berendsohn W. G., Borsch Th., Mering S. von, Akhani H., Arias S., Castañeda-Noa I., Eggli U., Eriksson R., Flores-Olvera H., Fuentes-Bazán S., Kadereit G., Klak C., Korotkova N., Nyffeler R., Ocampo G., Ochoterena H., Oxelman B., Rabeler R. K., Sanchez A., Schlumpberger B. O. & Uotila P. 2015. *A taxonomic backbone for the global synthesis of species diversity in the angiosperm order Caryophyllales*. Willdenowia 45: 281-383.

536. Hjertson, Mats L. 2003. *Neotype designation for* ***Opuntia subterranea*** *Fries*. Bradleya 21: 85.

537. Hochstätter Fritz. 2016. ***Sclerocactus*** Britton & Rose, ***Pediocactus*** Britton & Rose, ***Navajoa*** Croizat, ***Toumeya*** (Engelm.) Britton & Rose (Cactaceae). Self-edited, 255pp.

538. Hochstätter Fritz. 2017. ***Echinocereus*** *Engelmann (Cactaceae)*. Self-edited, 211 pp.

539. Hodge Walter Henricks. 1943. *The Vegetation of Dominica*. The Geographical Review 43(3): 349-375.

540. Hodgson, W. C., A. Salywon & J.L. Reveal. 2011. *(2021) Proposal to reject the name* ***Echinocactus acanthodes*** *(Cactaceae)*. Taxon 60(3): 910

541. Hofacker Andreas. 1996. ***Floribunda bahiensis*** *Braun & Esteves, a Rarity from Brazil*. Int. Cact. Adv. 30: 2-7.

542. Hofacker Andreas. 1998a. *Further nomenclatural adjustments in* ***Frailea*** *and* ***Parodia***. Cactaceae Consensus Initiatives, 6: 11-12.

543. Hofacker Andreas. 1998b. *A Jewel from South-Brazil:* ***Notocactus uebelmannianus*** *Buining.* Int. Cact. Adv. 40: 8-10.

544. Hofacker Andreas. 2000. *Distribution records for various* ***Parodia*** *taxa: some corrections and additions*. Cactaceae Systematics Initiatives 10: 12.

545. Hofacker Andreas. 2007. *Un Pilosocereus peu commun de Bahia, Brésil:* ***Pilosocereus bohlei*** *Hofacker*. Cact.-Av. Int. 76 : 28-30.

546. Hofacker Andreas. 2012. *Some Notes on* ***Wigginsia corynodes***. The Cactus Explorer 4 : 26-34.

547. Hofacker Andreas & Rodrigo Corrêa Pontes. 2016. ***Parodia mueller-melchersii****, lange bekannt und doch nur selten in den Sammlungen*. Kakteen und andere Sukkulenten 67(4) 99-103.

548. Hofacker Andreas, Anabela Silveira de Oliveira & Rodrigo Corrêa Pontes. 2020. ***Parodia roseolutea*** *- eine bemerkenswerte Art aus Uruguay*. Kakteen und Andere Sukkulenten 71(11): 341-345.

549. Hoffmann Adriana. 1989. *Cactaceae en la Flora Silvestre de Chile.* Ed. Fundación Claudio Gay.

550. Hoffmann Adriana & Helmut Walter. 2004. *Cactaceae en la Flora Silvestre de Chile.* 2ª Ed.

551. Hoock Heinz. 2008. ***Astrophytum*** *(Lem.) Cactaceae*. Self-edited, 280p.

552. House Paul R., Gómez-Hinostrosa Carlos & Hernández Héctor M. 2013. *A new species of* ***Peniocereus*** *(Cactaceae) from Honduras.* Rev. Mex. de Biodiv. 84: 1077-1081.

553. Howard Richard A. 1955. *The vegetation of Beata and Alta Vela islands, Hispaniola*. Journal of the Arnold Arboretum 36 (2/3): 209-240.

554. Hoxey Paul. 2004. *Some notes on* ***Copiapoa humilis*** *and the description of a new subspecies*. Brit. Cact. & Succ. Journal 22(1): 29-42.

555. Hoxey Paul. 2009. *A Brief Review of* ***Cumulopuntia sphaerica***. Tephrocactus Study Group Journal, Vol. 15(4): 47-58.

556. Hoxey Paul, Klaassen Paul. 2011. *Two New Combinations in the genus* ***Eulychnia*** *(Cactaceae)*. Cactus and Succulent Journal. 83(4): 169–175.

557. Hoxey Paul. 2014. *A new cliff dwelling species of* ***Espostoa*** *Br. & R. (Cactaceae) from Northern Peru*. Bradleya 32: 43-46.

558. Hoxey Paul. 2016. *Notes on Cacti of the Sandía Valley, Puno, Peru, and a Description of a new species of Echinopsis (Cactaceae).* Bradleya 34 :187-199.

559. Hoxey Paul. 2020. *The cacti of Franz Meyen from his around the world voyage 1830–1832*. Bradleya 38: 104-119.

560. Hoxey Paul. 2021. *Notes on the identity of* ***Echinocactus conglomeratus*** *– a name of uncertain application from northern Chile*. Bradleya 39: 54-68.

561. Hoxey Paul & Gdaniec Andrew. 2021. *An evaluation of the Cactaceae of Barbados, Grenada, Saint Vincent, and The Grenadines*. Phytotaxa 483(1): 025-074.

562. Hoxey Paul, Gdaniec Andrew & Cinea William. 2021. *Notes on* ***Pilosocereus*** *(Cactaceae) from the island of Hispaniola and the description of three new species*. US Cactus & Succulent Journal 93(2): 98-111.

563. Hoxey Paul, Gregory Anthony Pauca Tanco, Victor Quipuscoa Silvestre & Andrew Gdaniec. 2023. *A new species of Cumulopuntia (Cactaceae) from Perú*. Bradleya 41: 139-147.

564. Hoxey Paul, Gdaniec Andrew, Jose Dolores Hernández, Mario Guzmán, Wilmer Corniel & Alastair Culham. 2023. *Illustrated Checklist of the Cacti of Hispaniola (Haiti and the Dominican Republic) with Keys to Genera and Species.* Caribbean Journal of Science 53: 85-197.

565. Hultine Kevin, Majure Lucas, Nixon Veronica, Arias Salvador, Burquez, Alberto, Goettsch Bárbara, Puente-Martinez Raul & Zavala-Hurtado, J. Alejandro. 2016. *The Role of Botanical Gardens in the Conservation of Cactaceae*. BioScience 66, 9 pp. DOI: 10.1093/biosci/biw128

566. Hunt David R. 1967. *The genera of the Cactaceae, in The Genera of Flowering Plants*. Oxford University Press, 427-467.

567. Hunt David R. 1976. *Observaciones Sobre* ***Mammillaria rhodantha*** *y Especies Aliadas*. Cactáceas y Suculentas Mexicanas (21)2: 31-38 (also in English).

568. Hunt David R. 1980. *Decent re-burial for* ***Echinofossulocactus*** *Lawr.* Cact. & Succ. J. of GB 42(4): 105-107.

569. Hunt David R. 1984. *The Cactaceae of Plumier's Botanicum Americanum.* Bradleya 2: 39-64.

570. Hunt David R. & **Taylor Nigel P**. 1986. *The genera of the Cactaceae: towards a new consensus*. Bradleya 4: 65-78.

571. Hunt David R. 1987. *A new review of* ***Mammillaria*** *names*. Bradleya reprint, British Cactus & Succulent Society, Oxford.

572. Hunt David R. 1989. *Notes on* ***Selenicereus*** *(A. Berger) Britton & Rose and* ***Aporocactus*** *Lemaire (Cactaceae/Hylocereinae)*. Bradleya 7: 89-96.

573. Hunt David R. & Taylor Nigel P. 1990. *The genera of the Cactaceae: progress towards consensus*. Bradleya 8: 85-107.

574. Hunt David R. & Taylor Nigel P. 1992. *Notes on miscellaneous genera of Cactaceae (2).* Bradleya 10 (17) 20-25.

575. Hunt David. R. 1999. *What to do about the less-than-species?* Cactus Cons. Init. 8:23-28.

576. Hunt David. R. 1999a. *CITES Cactaceae checklist second edition*. Royal Botanic Gardens, Kew & IOS.

577. Hunt David. R. 2006. *The New Cactus Lexicon*. DH Books, Milborne Port.

578. Hunt David. R. 2011. ***Punotia lagopus*** *(K. Schumann) D. R. Hunt.* Cactaceae Syst. Init. 25: 26.

579. Hunt David. R. 2012. *Editorial.* Cactaceae Syst. Init. 26: 3-4.

580. Hunt David. R. 2013. *Editorial.* Cactaceae Syst. Init. 30: 3.

581. Hunt David. R. 2016. *CITES Cactaceae checklist third edition*. Royal Botanic Gardens, Kew & IOS, 175 pp.

582. Hunt David, Taylor Nigel P. & Charles Graham. R. 2006. *The New Cactus Lexicon*. DH Books, Milborne Port.

583. Ibisch Pierre, Kessler Michael, Nowicki Christoph & Barthlott Wilhelm. 2000. *Ecology, biogeography and diversity of the Bolivian epiphytic cacti – with the description of two new taxa*. Bradleya 18. 2-30.

584. Ifrim Camelia & György Fest. 2022. Podarium (Podaria) – a controversial botanical term. J. Plant Develop. 29: 3-23. DOI: 10.47743/jpd.2022.29.1.912.

585. Igler David. 2013. *The great ocean: Pacific worlds from Captain Cook to the gold rush*. Oxford University Press, 255pp.

586. Illert Werner. 2004. ***Melocactus citrispinus** - ein neuer Fundort auf der Insel Curaçao*. Kakt. und And. Sukk. 1: 22-24.

587. Ingram Stephen. 2008. *Cacti, Agaves and Yuccas of California and Nevada*. Cachuma Press.

588. Jenny Rudolf. 2014. *What is in an Orchid name: a Tribute to the Early Naturalists in Costa Rica*. Lankesteriana 13(3): 291-317.

589. Jiménez Oton. 1959. *Alfredo Brade, Naturalista*. Brecha 4(3): 1-3.

590. Jorge Paola, Luzmila Troncoso. 2016. *Antioxidant properties of the fruits **Opuntia apurimacensis** (ayrampo) and **Opuntia ficus-indica** (cactus pear)*. An. Fac. med. 77(2): 105-109.

591. Kaienburg Hermann. 1996. Konzentrationslager und deutsche Wirtschaft 1939–1945. Publ. Leske & Budrich, 280pp.

592. Katinas Liliana, Diego G. Gutierrez & Silvia S. Torres Roble. 2000. *Carlos Spegazzini (1858-1926): Travels and Botanical Work on Vascular Plants.* Annals of the Missouri Botanical Garden 87(2): 183-202.

593. Katinas Liliana, Gutiérrez Diego G., Torres Robles Silvia S. 2004. *Type material of Carlos L. Spegazzini in the Museo de La Plata Herbarium (LP), Argentina. III: Cactaceae*. Darwiniana 42(1-4): 177-200.

594. Kattermann Fred. 1994: ***Eriosyce** (Cactaceae). The genus revised and amplified*. Succ. Pl. Res.1: 1–176.

595. Kattermann Fred. 2010a. *Observations of Chilean Opuntioideae. [1] **Cumulopuntia.*** Cactus and Succulent Journal (US) 82(4): 168-171.

596. Kattermann Fred. 2010b. *Observations of Chilean Opuntioideae. [2] **Cylindropuntia***. Cactus and Succulent Journal (US) 82(5): 212-213.

597. Kattermann Fred. 2011. *Observations of Chilean Opuntioideae. [3] **Maihueniopsis***. Cactus and Succulent Journal (US) 82(4): 168-171.

598. Kattermann Fred. 2012. ***Copiapoa algarrobensis**: A new **Copiapoa** in Chile, discovered in October 1985*. Cactus and Succulent Journal (US) 84(2): 69-75.

599. Kattermann Fred. 2017. *Molecular analysis of the genus **Eriosyce** Part I, **Corryocactus** and **Eriosyce** section **Eriosyce** subsection **Islaya***. Cactus and Succulent Journal (US) 89(5): 4-13.

600. Kattermann Fred. 2017. *Molecular analysis of the genus **Eriosyce** Part II, section **Eriosyce** subsection **Eriosyce***. Cactus and Succulent Journal (US) 89(6): 197-206.

601. Kattermann Fred. 2018. *Molecular analysis of the genus **Eriosyce** Part III **Eriosyce** Section **Neoporteria** subsection **Horridocactus***. Cactus and Succulent Journal (US) 90(1): 46-58.

602. Kattermann Fred. 2018. *Molecular analysis of the genus **Eriosyce** Part IV **Eriosyce** Section **Neoporteria** subsection **Neoporteria***. Cactus and Succulent Journal (US) 90(2): 128-135.

603. Keeper Trout. 2011. *The **Trichocereus** species: taxonomic delineations*. EGA Outdoor Psychedelic Symposium.

604. Kenneth D. Heil & Porter J. Mark. 1994. ***Sclerocactus** (Cactaceae) A revision*. Haseltonia 2:20-46.

605. *Khan Ghulzar, Mariana O. Godoy, Fernando F. Franco, Manolo F. Perez, Nigel P. Taylor, Daniela C. Zappi, Marlon C. Machado & Evandro M. Moraes. 2017. *Extreme population subdivision or cryptic speciation in the cactus **Pilosocereus jauruensis**? A taxonomic challenge posed by a naturally fragmented system*. Systematics and Biodiversity, 16:2, 188-199.

606. *Khan Gulzar, Ribeiro Paulianny M., Bonatelli, Isabel A. S., Perez Manolo F., Franco Fernando F. & Moraes Evandro M. 2018. *Weak population structure and no genetic erosion in **Pilosocereus aureispinus**: A microendemic and threatened cactus species from eastern Brazil*. Plos One, 13(4): 17 pp.

607. Kiesling Roberto. 1978. *El género **Trichocereus*** (Cactaceae) *I: Las especies de la Rep. Argentina*. Darwiniana 21(2-4): 263–330.

608. Kiesling Roberto. 1982a. *The genus **Pterocactus***. Cactus Succulent Journal of Great Britain 44 (3): 51-56.

609. Kiesling Roberto. 1982b. *Problemas nomenclaturales en el género **Cereus** (Cactaceae)*. Darwiniana 24 (1/4): 443-453.

610. Kiesling Roberto. 1984. *Estudios en Cactaceae de Argentina: **Maihueniopsis, Tephrocactus** y géneros afines (Opuntioideae).* Darwiniana 25(1): 171-215.

611. Kiesling Roberto. 1996. *El género **Harrisia** (Cactaceae) en la Argentina.* Darwiniana 34(1-4): 389-398.

612. Kiesling Roberto. 1999. *Cactaceae*, in F. Zuloaga & O. Morrone (eds.), *Catálogo de las Plantas Vasculares de la República Argentina* 2, 423–489; 1245–1246. St. Louis: Missouri Bot. Gard.

613. Kiesling Roberto, Ferguson Dave & Ferrari Omar. 2001. *The first geophytic **Lobivia** (Cactaceae)*. Cactus and Succulent Journal 73(4): 179–186.

614. Kiesling Roberto. 2002. ***Pterocactus** (Cactaceae), nuevo registro para la Flora de Chile*. Gayana Bot. 59(2): 61-63.

615. Kiesling Roberto. 2003a. *Flora de San Juan. República Argentina.* Ed. Sigma, Buenos-Aires, 48 pp.

616. Kiesling Roberto. 2003b. ***Setiechinopsis mirabilis***, la Fleur de la Prière. Cact.-Av. Int. 58 (1): 15-17.

617. Kiesling Roberto & Metzing Detlev. 2004. *An Amazing species of **Hildewintera** (Cactaceae) – characters and systematic position*. Cact. & Succ. J. US, 76(1): 4-12.

618. Kiesling Roberto & Ferrari Omar. 2005. *100 Cactus Argentinos*. Ed. Albatros, Buenos Aires.

619. Kiesling Roberto & Metzing Detlev. 2006. ***Winterocereus** (Cactaceae) is the correct name for **Hildewintera**.* Taxon 56(1) : 226-228.

620. Kiesling Roberto. 2010a. Una nueva especie de ***Monvillea*** de la Argentina y la validez del género ***Monvillea*** (Cactaceae). Bonplandia 19(1): 59-64.

621. Kiesling Roberto. 2010b. *Rehabilitation of the genus **Monvillea***. Haseltonia 16: 3–8.

622. Kiesling Roberto & Daniel Schweich. 2014. *Martín Cárdenas: Articles devoted to Cacti*. Edited by Au Cactus Francophone, 592pp.

623. Kiesling Roberto, Metzing Detlev, Oakley Luis Jorge & Korotkova Nadja. 2015. *Catálogo de las Plantas Vasculares de Bolivia: Cactaceae.* Peter Møller Jørgensen, Michael Harley Nee y Stephan Georg Beck, ed. pp.443-471.

624. Kiesling Roberto, María Laura Las Peñas & Luis J. Oakley. 2025. *The validity of the genus **Airampoa** Frič (Cactaceae, Opuntioideae) and designation of a neotype*. Bradleya 43: 69-81.

625. Kimbrough, James W. 2006. *"The Twilight Years of William Alphonso Murrill."*. Mushroom, the Journal of Wild Mushrooming, 11 June 2006**.**

626. Kimnach Myron. 1960. A revision of ***Borzicactus***. Cact. Succ. J. (Los Angeles) 32(3): 92–96.

627. Kimnach Myron. 1993. *The genus **Disocactus***. Haseltonia 1: 95–139.

628. Kinzel Wolf. 1968. *The genus **Islaya** Backeberg.* The Chileans, Yearbook 1968, 13 pp.

629. Knobloch Irvin William. 1983. *A Preliminary Verified List of Plant Collectors in Mexico*. Phytologia Memoirs VI, 188 pp.

630. Köhler Matias & Lucas C. Majure. 2020. *Reassessment and typification of **Opuntia canterae** (Opuntioideae, Cactaceae), an endemic prickly pear cactus of Uruguay*. Plant Ecology and Evolution 153 (2): 325-333.

631. *Köhler Matias, Fabián Font, Raúl Puente-Martinez & Lucas C. Majure. 2021. *"That's **Opuntia**, that was!", again: A new combination for an old and enigmatic Opuntia s.l. (Cactaceae)*. Phytotaxa, 505(3), 262-274.

632. *Köhler Matias, Marcelo Reginato, Jian-Jun Jin & Lucas C. Majure. 2023. *More than a prickly morphology: plastome variation in the prickly pear cacti (Opuntieae)*. Annals of Botany XX: 1-16. doi: https://doi.org/10.1101/2023.03.13.532486.

633. Köhler Matias. 2024. *New combinations and taxonomic notes in Cereinae (Cactoideae, Cactaceae) of Brazil*. Phytotaxa 641(3): 238-242.

634. Köhler Matias, Monique Romeiro-Brito & Milena Telhe. 2024. *The Cerrado through Cacti.* Journal of Biogeography, 15 pp.

635. *Korotkova Nadja, Zabel Leonie, Quandt Dietmar & Barthlott Wilhem. 2010. *A phylogenetic analysis of **Pfeiffera** and the reinstatement of **Lymanbensonia** as an independently evolved lineage of epiphytic Cactaceae within a new tribe Lymanbensonieae*. Willdenowia 40: 151-172.

636. *Korotkova Nadja. 2011. *Phylogeny and evolution of the epiphytic Rhipsalideae (Cactaceae)*. PhD thesis, Mathematisch-Naturwissenschaftliche Fakultät, Rheinische Friedlich-Wilhelms-Universität Bonn, Germany.

637. Korotkova Nadja, Thomas Borsch, Dietmar Quandt, Nigel P. Taylor, Kai F. Müller & Wilhelm Barthlott. 2011. *What does it take to resolve relationships and to identify species with molecular markers? An example from the epiphytic Rhipsalideae (Cactaceae)*. American Journal of Botany 98(9): 1549-72.

638. *Korotkova Nadja, Borsch Thomas & Arias Salvador. 2017. *A phylogenetic framework for the Hylocereeae (Cactaceae) and implications for the circumscription of the genera*. Phytotaxa 327(1): 001-046.

639. *Korotkova Nadja, David Aquino, Salvador Arias, Urs Eggli, Alan Frank. 2021. *Cactaceae at Caryophyllales.org - a dynamic online species-level taxonomic backbone for the family*. Willdenowia 51 (2): 251-270.

640. Korotkova Nadja, Aquino David, Arias Salvador, Eggli Urs, Franck Alan, Gómez-Hinostrosa Carlos, Guerrero Pablo C., Hernández Héctor M., Kohlbecker Andreas, Köhler Matias, Luther Katja., Majure Lucas C., Müller Andreas, Metzing Detlev, Nyffeler Reto, Sánchez Daniel, Schlumpberger Boris & Berendsohn Walter G. 2021. *Cactaceae at Caryophyllales.org – a dynamic online species-level taxonomic backbone for the family*. Willdenowia 51: 251–270. https://doi.org/10.3372/wi.51.51208

641. Krainz Hans. 1954-1975. *Die Kakteen*. Loose leaflets.

642. Labouret Joseph. 1853. *Monographie de la Famille des Cactées*. ed. Dusacq, Paris. 684 pp.

643. Lackey Robert T. 2016. *Keep science and scientists credible: avoid stealth policy advocacy*. Bulletin of the Ecological Society of Australia. 46(3): 14-15.

644. Lambert Jacques. 1998. Cactus d'Argentine. Self-edited. 2nd Ed. 345 pp.

645. Lambert Sabrina M. & Gorelick Root. 2004. *Opuntioids of eastern Brazil - **Tacinga, Quiabentia, Brasiliopuntia***. Cact. & Succ. J. US. 81(3).

646. Lagarda Lagarda Ignacio. 2006. *Tayopa, una mina que nunca existió?* Sociedad Sonorense de Historia, Mexico.

647. Lambert M. Sabrina, Borba L. Eduardo, Machado C. Marlon, & Da Silva Andrade Silvia Cristina. 2006a. *Allozyme Diversity and Morphometrics of **Melocactus paucispinus** (Cactaceae) and Evidence for Hybridization with **M. concinnus** in the Chapada Diamantina, North-eastern Brazil*. Annals of Botany 97: 389–403.

648. Lambert M. Sabrina, Borba L. Eduardo, Machado C. Marlon, & Da Silva Andrade Silvia Cristina. 2006b. *Allozyme diversity and morphometrics of the endangered **Melocactus glaucescens** (Cactaceae), and investigation of the putative hybrid origin of **Melocactus × albicephalus** (**Melocactus ernestii × M. glaucescens**) in north-eastern Brazil*. Plant Species Biology 21: 93-108.

649. Lambert M. Sabrina. 2009. ***Tacinga**,the hummingbird-pollinated prickly pear*. Cact. & Succ. J. (US) 81(3): 156-161.

650. Lemaire Charles. 1868. *Les Cactées*. La Maison Rustique, 184 pp.

651. Lange Michael & Sainclair Jim. 2013. *A hard-to-manage taxon: The Black Lace Cactus **Echinocereus fitchii** ssp. **albertii***. Cactus & Succulent Journal US, 85(2): 72-78.

652. Laroze Alain. 2013. ***Trichomoza**, un Hybride naturel*. Cact.-Av. Int. 100: 17-23.

653. *Larridon Isabel, Walter Helmut E., Guerrero Pablo C., Duarte Mylén, Cisternas Mauricio A., Peña-Hernandez Carol, Bauters Kenneth, Asselmann Pieter, Goetghebeur Paul & Semain Marie-Stéphanie. 2015. *An integrative approach to understanding the evolution and diversity of **Copiapoa** (Cactaceae), a threatened endemic genus from the Atacama Desert*. American Journal of Botany 102: 1506-1520.

654. *Larridon Isabel, Walter Helmut E., Rosas Marcelo, Vandomme Viki & Guerrero Pablo C. 2018. *Evolutionary trends in the columnar cactus genus **Eulychnia** (Cactaceae) based on molecular phylogenetics, morphology and biogeography*. Systematics and Biodiversity 16: 643–657.

655. ***Las Peñas M. Laura, Bernardello Gabriel & Kiesling Roberto**. 2008. *Karyotypes and fluorescent chromosome banding in **Pyrrhocactus** (Cactaceae)*. Plant Systematics and Evolution 272:211–222.

656. *Las Peñas M. Laura, Urdampilleta Juan D., Bernardello Gabriel, Forni Martins Eliana R. 2009. *Karyotypes, heterochromatin, and physical mapping of 18S-26S rDNA in Cactaceae*. Cytogenet Genome Res 124:72-80

657. *Las Peñas M. Laura, Kiesling Roberto & Bernardello Gabriel. 2011. *Karyotype, Heterochromatin, and Physical Mapping of 5S and 18-5.8-26S rDNA Genes in **Setiechinopsis** (Cactaceae), an Argentine Endemic Genus*. Haseltonia 16: 83-90.

658. ***Las Peñas M. Laura, Federico Santiñaque, Beatriz López-Carro & Laura Stiefkens**. 2016. *Estudios citogenéticos y contenido de ADN en **Brasiliopuntia schulzii** (Cactaceae)*. Gayana Bot. 73(2): 414-420.

659. *Las Peñas M. Laura. 2018. *IAPT Chromosome data*. Taxon 67(6): 1235-1245, ed. Karol Marhold & Jaromir Kučera.

660. *Las Peñas M. Laura, Karen Bauk, Nicola Rossi & Gabriel Bernardello. 2023. *Correlations among chromosome numbers, nuclear DNA contents and climatic variables of South American Cactaceae in a phylogenetic context.* Biological Journal of the Linnean Society, 2023, XX, 1-15.

661. Lattar Elsa & Cuadrado Graciela. 2010. *Estudios palinológicos de especies argentinas de los géneros **Cereus, Cleistocactus, Denmoza, Echinopsis*** y ***Monvillea** (Cactaceae, Cactoideae)*. Bol. Soc. Argent. Bot. v.45 n.1-2 Córdoba.

662. Lau Alfred. 1992. *Feldnummern-Liste Alfred B. Lau, Teil 1 Mexico 1972-1992*. Ed. Arbeitskreis für Mammillarienfreude e. V.

663. Lau Alfred. 2003. *History of **Echinocereus pamanesiorum.*** Cact.-Adv. Int. 57(1): 22-26.

664. Lau Alfred. 2005. ***Neobuxbaumia sanchez-mejoradae**, where one does not expect it.* Cactus-Adv. 68: 13-16.

665. Lavor Pâmela, Ricardo De Oliveira Perdiz, Leonardo M. Versieux & Alice Calvente. 2016. *Rediscovery of **Pilosocereus oligolepis** (Cactaceae) in the State of Roraima, Brazil*. Cactus and Succulent Journal (Los Angeles), 88(3):137-143.

666. ***Lavor Pamela**. 2017. *Filogenia molecular, biogeografia e aspectos evolutivos de **Pilosocereus** (Cactaceae)*. Thesis, University of Rio Grande do Norte, Grade: Doctorate in Systematics and Evolution 2017. 194 pp.

667. ***Lavor Pâmela, Leonardo M. Versieux & Alice Calvente**. 2020. *Phylogenetic Relationships of **Pilosocereus** (Cactaceae) and Taxonomic Implications*. PlantNow 1(2): 52-70.

668. Leding Albert Rudolf. 1934. *A New Spine Character in Cactus: **Echinocereus** from Texas Shows "Woolly" Character in Juvenile Stage*. The Journal of Heredity, 327-328.

669. Lee Kipp. 2019. *Dorde Woodruff*. Sego Lily 42(2): 20.

670. *Lendel Anita, Eggli Urs & Nyffeler Reto. 2006. *Phylogenetic relationships in the tribe **Trichocereeae** (Cactaceae) inferred from cpDNA sequence data analysis*. Vortrag auf der Botany.

671. *Lendel Anita. 2013. *South American Cacti in time and space: studies on the diversification of the tribe Cereeae, with particular focus on subtribe Trichocereinae (Cactaceae)*. Dissertation, University of Zurich, Faculty of Science, 285pp.

672. León de la Luz José Luis. 2005. *Conservation status of **Morangaya pensilis** (Cactaceae), a little known monotypic genus in southern Baja California, Mexico*. Oryx. 39: 2: 219-221.

673. Leuck Edwin E. 1980. *Biosystematic studies in the **Echinocereus viridiflorus** complex. PhD Dissertation, University of Oklahoma, Norman.*

674. Leuck Edwin E. & Miller John M. 1982. *Pollination Biology and Chemotaxonomy of the **Echinocereus viridiflorus** complex (Cactaceae)*. American Journal of Botany, 69(10): 1669-1672.

675. Leuenberger Beat Ernst. 1976. Leuenberger, B.E., 1976. *Pollen morphology of the Cactaceae*. Cactus Succul. J. Great Britain. 38(4): 79-94.

676. Leuenberger Beat Ernst. 1986. ***Pereskia***. Memoirs of the New York Botanical Garden 41: 1-140.

677. Leuenberger Beat Ernst. 1993. *The genus **Denmoza** Britton & Rose (Cactaceae): Taxonomic, history and typification*. Haseltonia. 1: 86-94.

678. Leuenberger Beat Ernst. 1996. ***Harrisia regelii** (Weingart) Borg, ein wenig bekannte Art aus Argentinien.* Kakt. u. a. Sukk. 47(2): 11-30.

679. Leuenberger Beat Ernst. 2000. *Confirmation of the authorship of Cereus martini Labour., basionym of **Harrisia martinii** (Cactaceae)*. Willdenowia 30: 147-153.

680. Leuenberger Beat Ernst. 2001. *The type specimen of **Opuntia cardiosperma** (Cactaceae), new synonyms and new records from Argentina and Paraguay*. Willdenowia 31: 171-179.

681. Leuenberger Beat Ernst. 2002 *The misunderstood **Cleistocactus serpens**, and **C. longiserpens**, a new name for a species of Cactaceae from Peru*. Bot. Jahrb. Syst. 124 1 13–30 Stuttgart.

682. Leyva Omar, González Pedro A. & Mastrapa Ernesto. 1997. *Las Cactáceas cubanas de la provincia de Holguín*. Jardín Botánico de Holguín. Dpto. de Recursos Naturales, CISAT, CITMA, Holguín.

683. Light Marylin, Joyce Reddock, Eric Hágsater & Miguel Soto. 2002. *Edward W. Greenwood*. Boletín de la Sociedad Botánica de México 71: 85-88.

684. Lindsay George. 1996. *Taxonomy and Ecology of the Genus **Ferocactus***. Tireless Termites Press, US. From 1955 PhD dissertation, unpubl., Stanford University, California.

685. Liogier Alain. 1980. ***Pereskia quisqueyana.*** Phytología, 47.3 (183).

686. Loaiza Christian R., Aguirre Zhofre & Jadán Oswaldo. 2009. *Estado del Conocimiento Actual de la Familia Cactaceae en el Ecuador.* Bol. Soc. Latin. Carib. Cact. Suc. 6(3): 1-32.

687. Loaiza Christian R., Aguirre Zhofre & Jadán Oswaldo. 2013. *Lista actualizada de las Cactáceas de las Islas Galápagos*. Bol. Soc. Latin. Carib. Cact. Suc. 10(2): 9-12.

688. Loaiza Christian R. 2014. *Revisión sistemática y análisis biogeográfico del género **Armatocereus** (Cactaceae) en el Ecuador, con observaciones sobre su estado de conservación*. Thesis, Loja, Ecuador.

689. Loaiza Christian R., Roque Gamarra José. 2016. *Taxonomic revalidation and potential distribution of **Armatocereus brevispinus** Madsen (Cactaceae)*. Revista peruana de biología 23(1): 035-041.

690. Loaiza Christian R. 2023. *Neotypification, distribution, and conservation status of **Austrocylindropuntia cylindrica** (Cactaceae).* Phytotaxa 626 (2): 133-138.

691. Lodé Joël. 1989. *Le genre **Cleistocactus***. Cact.-Av. Int. 3 : 7-11.

692. Lodé Joël. 1989-2005. *Fichier Encyclopédique des Cactées & autres Succulentes*. Séries 1-24. Ed. Edisud.

693. Lodé Joël. 1990. *Le genre **Arrojadoa***. Cact.-Av. Int. 6 : 14-16.

694. Lodé Joël. 1990. *La Taxonomie me rend fou, mais je me soigne* ! Cact.-Av. Int. 7: 2-4.

695. Lodé Joël. 1991. *Le genre **Ferocactus***. Cact.-Av. Int. 9 : 2-6.

696. Lodé Joël. 1992. *Le genre **Uebelmannia***. Cact.-Av. Int. 16 : 2-5.

697. Lodé Joël. 1992. *La Clé d'un mystère ? Redécouverte d'**Opuntia pulchella** en Arizona*. Cact.-Av. 17(1): 5-7.

698. Lodé Joël. 1993. *Le genre **Notocactus***. Cact.-Av. Int. 19 : 2-6.

699. Lodé Joël. 1994. *Le genre **Acanthocalycium***. Cact.-Av. Int. 22 : 2-6.

700. Lodé Joël. 1994. *Le genre **Eulychnia***. Cact.-Av. Int. 23 : 2-4.

701. Lodé Joël. 1995. *Nouvelles Combinaisons*, Cact.-Av. Int. 27: 29.

702. Lodé Joël. 1995. *Le genre **Escobaria***. Cact.-Av. Int. 26 : 2-6.

703. Lodé Joël. 1995. *Le genre **Epithelantha***. Cact.-Av. Int. 28 : 12-16.

704. Lodé Joël. 1997. *In Situ: **Mammillaria herrerae var. albiflora** Werdermann.* Cact.-Av. 33: 24-26

705. Lodé Joël. 1999. *Le genre **Astrophytum*** Cact.-Av. Int. 43 : 2-7.

706. Lodé Joël. 2000. *Cactées & Succulentes de Cuba*. Cact.-Av. Int. 47: 6-15.

707. Lodé Joël. 2009. *Le genre **Peniocereus.*** Cactus & Succulentes Monaco 1 n°1.

708. Lodé Joël. 2010. *Cacti poorly known: **Calymmanthium substerile** Ritter*. Cact.-Av. Int. 85: 18-19.

709. Lodé Joël. 2012. *The true story of **Leuchtenbergia principis** or the Taxonomy towards the future.* Cact.-Adv. Int. 95: 15-19.

710. Lodé Joël. 2012. *The true story of **Borzicactus***. Cact.-Adv. Int. 96: 24-27.

711. Lodé Joël. 2013a. ***Leuenbergeria***, a new genus in Cactaceae. Cactus-Adv. Int. 97: (1) 25-27.

712. Lodé Joël. 2013b. Cactus and Dinosaurs: did they coexist? Cactus-Adv. Int. 97: (1) 9-17.

713. Lodé Joël. 2013c. *New Combinations*, Cact.-Adv. Int. 97: (1) 2-3.

714. Lodé Joël. 2013d. *Taxonomical Changes, New Combinations*, Cact.-Adv. Int. 98: (1) suppl.

715. Lodé Joël. 2013e. *New Combinations*, Cact.-Adv. Int. 99: (3) 25.

716. Lodé Joël. 2013f. *New Combinations*, Cact.-Adv. Int. 100: (4) 29-31.

717. Lodé Joël. 2014a. *New Combinations*, Cact.-Adv. Int. 101: (1) 14.

718. Lodé Joël. 2014b. ***Kroenleinia*** *gen. nov. & Comb nov.* Cact. Adv. 102: 25-31.

719. Lodé Joël. 2014c. ***Rebutia*** *: où en est-on ?* Cact. Adv. 102: 33-36.

720. Lodé Joël. 2015. *Taxonomy of the Cactaceae* vols.1-2, ed. Cact.-Av. Int., 1387pp. + index 44pp.

721. Lodé Joël. 2016a. *Taxonomy of the Cactaceae*: *New Investigations*: ***Acanthocereus baxaniensis***. Cact.-Adv. Int. 111-112: 64-65.

722. Lodé Joël. 2017. *New Investigations*: ***Borzicactus icosagonus*** subps.***roseiflorus***. Cact.-Adv. Int. 111-112: 66.

723. Lodé Joël. 2017. *New Combinations*. Cact.-Adv. Int. 111-112: 66-67.

724. Lodé Joël. 2018a. ***Chamaecereus luisramirezii*** *Lodé & Carlier, spec. nov.* vol.30(2): 2-15.

725. Lodé Joël. 2018b. ***Cleistocactus*** genus puzzle in Peru: a short revision. Cact.-Adv. Int. vol.30(2): 48-60.

726. Lodé Joël. 2019a. *New Combinations in Cactaceae*, Cact.-Adv. Int. vol.31(1): 20-27.

727. Lodé Joël. 2019b. « ***Cleistocactus chotaensis*** *» is not from Peru: the mystery finally solved*. Cact.-Adv. Int. vol.31(1): 43-55. 2019.

728. Lodé Joël. 2019c. *Mystery in Haiti: What was really* ***Cereus serruliflorus*** *Haworth?* Cact.-Adv. Int. vol.31(2): 71-83.

729. Lodé Joël. 2020a. *New Combinations and Clarification attempts.* Cact.-Adv. Int. vol.32: 50-56 (online).

730. Lodé Joël. 2020b. ***Arthrocereus microsphaericus****, or the danger of wanting to synonymize everything and anything*. Cact.-Adv. Int. vol.32: 57-64 (online).

731. Lodé Joël. 2021. *New Combinations in Cactaceae*, Cact.-Adv. Int. vol.33(120): 52-58.

732. Lodé Joël. 2022. *New Combinations in Cactaceae*, Cact.-Adv. Int. vol.34(121): 86-92.

733. Lodé Joël. 2023. *New Combinations, Changes and Clarifications in Cactaceae*, Cact.-Adv. Int. vol.35(122): 172-191.

734. Lodé Joël. 2024. *New Combinations, Changes and Clarifications in Cactaceae*, Cact.-Adv. Int. vol.36(123): 130-145.

735. Lodé Joël. 2025. *New Combinations in Cactaceae*, Cact.-Adv. Int. vol.35(124).

736. Lodé Thierry. 2006. La guerre des sexes chez les animaux, une histoire naturelle de la sexualité. Ed. Odile Jacob, 368pp.

737. Lodé Thierry. 2011. *La biodiversité amoureuse, sexe et évolution*. Ed. Odile Jacob, 352 pp.

738. Lodé Thierry. 2011. *Sex is not a good solution for reproduction: the libertine bubble theory*. Bioessay 33: 419-432.

739. Lodé Thierry. 2013**.** *Pourquoi les Animaux trichent et se trompent, les Infidélités de l'évolution***.** Ed. Odile Jacob, Paris. 326 p.*

740. Thierry Lodé. 2014. Darwin et après ? Manifeste pour une écologie évolutive, Ed. Odile Jacobs, Paris, 192 pp.

741. Lodé Thierry. 2021. *Histoire naturelle du plaisir amoureux*. E. Odile Jacobs, 336 pp.

742. Lodé Thierry. 2022*. Tous les sexes sont dans la nature.* Ed. humensciences, 253 pp.

743. Long Andrea. 2012. ***Opuntia ventanensis*** *(Cactaceae), a New Species from the Province of Buenos Aires, Argentina.* Haseltonia, 18, 79–84.

744. Longino John. 2004*. Camponotus conspicuus zonatus living in* ***Deamia testudo.***
http://academic.evergreen.edu/projects/ants/genera/camponotus/species/zonatus/zonatus.html

745. López Contreras José Enrique, Endañú Huerta Esthela, Amador del Angel Luis. 2012. *Tres formas para un mismo hábito: las Cactáceas epífitas del Río del Este, Campeche, México*. Herbario CICY 22, Centro de Investigación Científica de Yucatán, A. C. (CICY).

746. López Echegarai Marieudil Doiralith & Jose Eleazar Benitez Alvarez. 2013. *In Situ Conservation Strategy of Red Flower Tuna* (***Opuntia bisetosa*** Pittier) *Endemic Lion Monument Hill, Parish of Juan Villegas, Lara*. Academia - Trujillo – Venezuela, July-Sept. Vol. XII (27) 225–242.

747. López Ramiro Pablo. 2003. *Floristic diversity and endemism of the Bolivian dry valleys.* Ecología in Bolivia, 38 (1): 27-60.

748. Loureiro Cheib Ana & Queila Souza Garcia. 2012. *Longevity and germination ecology of seeds of endemic Cactaceae species from high altitude sites in southeastern Brazil*. Seed Science Research, 22: 45-53. doi:10.1017/S0960258511000298

749. Lowry Martin. 2016. *A Synopsis of the genus* ***Cleistocactus*** *Lemaire (Cactaceae)*. Bradleya 34: 148-186.

750. Lowry Martin & Winberg Mats. 2017. ***Cremnocereus albipilosus****, an incredible new columnar cactus from Bolivia.* Bradleya 35: 252-256.

751. Lowry Martin. 2018. *What is Lobivia krahn-juckeri?* Cactus Explorer 22: 26-32.

752. *Loyola de Oliveira João Paulo, Marlon Câmara Machado & José Geraldo de Aquino Assis. 2005. *Números cromossômicos de espécies de **Discocactus** (Cactaceae) do leste do Brazil*. Congreso Nacional de Botanica, Curitiba, Brazil.

753. Luchsinger Arlene A. 1965. *A Revision of **Neobesseya** in the United States and Cuba*. Transactions of the Kansas Academy of Science 68(3): 384-395.

754. Luna-Paez Arturo, Ernestina Valadez-Moctezuma, Alejandro F. Barrientos-Priego & and Clemente Gallegos-Vázquez. 2007. *Characterization of **Opuntia** spp. by Means of Seed with RAPD and ISSR Markers and Its Possible Use for Differentiation*. Journal of the Professional Association for Cactus Development. 9: 43-81.

755. Lüthy Adrian D. & Reto F. Dicht. 2005. *The **Coryphantha elephantidens** group. A Nomenclatural Challenge*. Cact. & Succ. J. US (Los Angeles) 77(3): 121-126.

756. Lüthy Jonas M. 2000. *Zum Status von **Mammillaria tepexicensis** J.Meyrán.* Kakteen u. Andere Sukkulenten 51(7): 169-171.

757. Lüthy Jonas M. 2001. *The **Turbinicarpus mandragora** complex*. Bradleya 19: 19-54.

758. Mabberley David J. & Valéry Malécot. 2023. *Récit d'Hippolyte Arnaud sur le Limonium (Plumbaginaceae) en culture et sur l'importance nomenclaturale de la Flore des Jardins de Seringe et de Jacques*. Revue Lejeunia de Botanique, 2023, Nouvelle Série N° 209, pp.2-31. hal-04098697

759. Machado Marlon & Nigel T. 2003. *A new subspecies of **Tacinga inamoena** (Cactaceae) from eastern Brazil*. Bradleya 21: 13-16.

760. *Machado Marlon. 2004. *O gênero **Discocactus** Pfeiff. (Cactaceae) no estado da Bahia, Brasil: variabilidade morfológica, variabilidade genética, taxonomia e conservação.* Thesis of botany, Feira de Santana, Brazil.

761. Machado Marlon, Zappi Daniela C., Taylor Nigel, & Borba Eduardo L. 2005. *Taxonomy and conservation of the **Discocactus** Pfeiff. (Cactaceae) species occurring in the state of Bahia, Brazil*. Bradleya 23: 41-56.

762. *Machado Marlon, Lendel Anita & Nyffeler Reto. 2006a. *Phylogenetic systematics of the tribe Cereeae Salm-Dyck (Cactaceae)*. IOS Congress.

763. *Machado Marlon, Eggli Urs & Nyffeler Reto. 2006b. *Phylogenetic relationships in the genus **Parodia** Spegazzini (Cactaceae-Notocacteae)*. IOS Congress.

764. *Machado Marlon. 2007. *DNA studies and their impact on cactus classification.* Cactus World forum online.

765. Machado Marlon. 2007a*. Fascinating **Frailea**, Part 1: General impressions.* Cactus World 25(1).

766. Machado Marlon. 2007b*. Fascinating **Frailea**, Part 2: Review of the species from Rio Grande do Sul.* Cactus World 25(2).

767. Machado Marlon. 2008. *What is the role of hybridization in the evolution of the Cactaceae?* Bradleya 26: 1-18.

768. Madsen Jens E. 1989. *Flora of Ecuador, 45. Cactaceae*. Harling & Andersson ed. 80 pp.

769. Madsen Jens E. & **Aguirre Zhoffre M.** 2003. *Cactus novelties from southern Ecuador*. Nordic Journal of Botany 23(1): 21-29.

770. Majure Lucas C. & Ervin G. N. 2008. *The Opuntias of Mississippi.* Haseltonia, 14, 111–126*.*

771. Majure Lucas C. 2010. Towards an evolutionary understanding of the ***Opuntia humifusa*** complex of North America. Cact. & Succ. J. (Los Angeles) 82(4): 156-163.

772. ***Majure Lucas C., Puente M. Raul, Griffith Patrick, Judd Walter S., Soltis Pamela S., & Soltis Douglas E.** 2012a. *Phylogeny of **Opuntia** s.s. (Cactaceae): Clade delineation, geographic origins, and reticulate evolution* Am. J. Bot. 99:847-864.

773. ***Majure Lucas, Judd Walter, Soltis Pamela & Soltis Douglas**. 2012b. *Cytogeography of the Humifusa clade of **Opuntia** s.s. Mill. 1754 (Cactaceae, Opuntioideae, Opuntieae): correlations with pleistocene refugia and morphological traits in a polyploid complex*. Comparative Cytogenetics 6: 53-77.

774. ***Majure Lucas C., Puente M. Raul, Pinkava Donald J.** 2012c. *Miscellaneous Chromosome Numbers in Opuntieae D.C. (Cactaceae) with a Compilation of Counts for the Group*. Haseltonia 18: 67-78.

775. ***Majure Lucas C., Puente M. Raul, Griffith Patrick, Soltis Douglas E. & Judd Walter S**. 2013a. ***Opuntia lilae**, Another **Tacinga** Hidden in **Opuntia** s.l. (Cactaceae)*. Systematic Botany. 38(2): 444-450.

776. ***Majure Lucas, Soltis Pamela, Soltis Douglas & Judd Walter**. 2013b. *A case of mistaken identity, **Opuntia abjecta**, long-lost in synonymy under the Caribbean species, **O. triacantha**, and a reassessment of the enigmatic **O. cubensis***. Brittonia 07.

777. Majure Lucas C., Hunkins Sarah & Pinkava Donald J. 2015. *Lectotypification of **Opuntia basilaris var. woodburyi** (Cactaceae)*. Phytoneuron 2015-41: 1–3.

778. Majure Lucas, Judd Walter, Soltis Pamela & Soltis Douglas. 2017. *Taxonomic revision of the **Opuntia humifusa** complex (Opuntieae: Cactaceae) of the eastern United States*. Phytotaxa 290(1): 1-65.

779. Majure Lucas, Clase Teodoro. 2018. . 12(1):75-80.

780. *Majure, Lucas C., Marc A. Baker, Michelle Cloud-Hughes, Andrew Salywon, & Kurt M. Neubig. 2019. *Phylogenomics in Cactaceae: A case study using the chollas sensu lato (Cylindropuntieae, Opuntioideae) reveals a common pattern out of the Chihuahuan and Sonoran deserts.* American Journal of Botany 106(10): 1–19.

781. Majure Lucas, Clase Teodoro. 2020. ***Opuntia repens*** *in Dominican Republic and Notes on the taxonimic of Curassavica Complex*. Moscosoa 20: 105-113.

782. ***Majure Lucas, Duniel Barrios, Edgardo Díaz, Bethany A. Zumwalde, Weston Testo & Vivian Negrón-Ortíz**. 2021**.** *Pleistocene aridification underlies the evolutionary history of the Caribbean endemic, insular, giant* ***Consolea*** *(Opuntioideae).* American Journal of Botany 108(2): 1–16.

783. ***Majure Lucas**. 2022. *On the origin of the two putative allopolyploids,* ***Opuntia curvispina*** *and* ***O. martiniana*** *(Cactaceae): A case of cryptic speciation in prickly pear cacti*. Journal of the Botanical Research Institute of Texas 16(1): 317-333.

784. *Majure Lucas C., Serena Acha, Marc A. Baker, Raul Bridge-Martinez, Matias Köhler & Shannon Fehlberg. 2023. *Phylogenomics of One of the World's Most Intriguing Groups of CAM Plants, the Opuntioids (Opuntioideae: Cactaceae): Adaptation to Tropical Dry Forests Helped Drive Prominent Morphological Features in the Clade.* Diversity 2023, 15, 570.

785. Mamaní Cecilia Magdalena. 2019. *The genus* ***Cereus*** *Mill. (Cereeae, Cactaceae) in Argentina: taxonomic diversity, geographic distribution and population status*. Thesis, National University of the Notheast Faculty of Exact and Natural Sciences and Agrimensure, Corrientes, Argentina, 157pp.

786. Mandujano María C., Johannes A. M. Verhulst, Israel G. Carrillo-Angeles & Jordan Golubov. 2017. *Population dynamics of* ***Ariocarpus scaphirostris*** *Bödecker (Cactaceae): evaluating the status of a threatened species*. Int. J. Plant Sci. 168(7):1035-1044.

787. Marcelo-Peña Jose Luis. 2008. *Vegetación leñosa, endemismos y estado de conservación en los bosques estacionalmente secos de Jaén, Perú.* Revista Peruana de Biología, 15(1): 43-52.

788. Maranhão Carneiro Andréia, Rosana Farias-Singer, Ricardo Aranha Ramos, & Ari Delmo Nilson. 2016. *Cactos do Rio Grande do Sul*. Fundação Zoobotânica do Rio Grande do Sul, 227 pp.

789. Marcelo-Peña José Luis. 2008. *Vegetación leñosa, endemismos y estado de conservación en los bosques estacionalmente secos de Jaén, Perú*. Revista Peruana de Biología 15(1): 43-52.

790. Márquez-Berber Sergio Roberto, Cristina Torcuato-Calderón, Gustavo Almaguer-Vargas, María Teresa Colinas-León & Abdul Khalil Gardezi. 2012. *El sistema productivo del nopal tunero (****Opuntia albicarpa*** *y* ***O. megacantha****) en Axapusco, Estado de México. Problemática y alternativas*. Revista Chapingo. Serie horticultura, 18(1), 81-93.

791. Márquez Cruz, Hernán Vargas, Howard Snell, André Mauchamp, James Gibbs & Washington Tapia. 2003. *¿Por qué tan pocas* ***Opuntia*** *en la Isla Española-Galápagos?* Ecología Aplicada, 2(1): 21-29.

792. Martín Bautista Alor, Maruchi Alonso Esquivel, Adriana Quiroz Moreno, Wolfgang Rohde, Lorenzo Felipe Sánchez Teyer. 2010. *Primer reporte del empleo de marcadores ISTR en Cactaceae (****Pilosocereus*** *sp).* Rev. Colomb. Biotecnol. 12(2) 223-229.

793. *Martínez-González César Ramiro, Gallegos-Vázquez Clemente, Scheinvar Leia, Muñiz-Díaz de León María Eugenia & Jiménez-Ramírez Jaime. 2019. *Re-evaluation of* ***Opuntia matudae*** *(Cactaceae)*. Phytotaxa 423 (3): 158–170.

794. *Martínez-González César Ramiro, María Eugenia Muñiz-Díaz de León, César Adrián González-Martínez, Jaime Jiménez-Ramírez, José de Jesús Morales-Sandoval, Clemente Gallegos-Vázquez. 2020. *Phylogenetic placement and new data on macro-and micromorphology of* ***Opuntia joconostle*** *(Cactaceae)*. Bradleya 38: 158-169.

795. *Martínez-González César Ramiro & Morales-Sandoval José. 2021. *Taxonomic status of two controversial species of* ***Opuntia*** *(Cactaceae) from Mexico based on morphological and molecular data*. Bradleya 39: 23–35.

796. *Martínez-González César Ramiro, Clemente Gallegos-Vázquez, José Oscar Mascorro Gallardo & Alejandro F. Barrientos-Priego. 2022. *Molecular and morphological notes on* ***Opuntia*** *ser. Streptacanthae (Cactaceae)*. Phytotaxa 576(1): 1-28.

797. Martínez Quezada Daniel Martín. *Delimitación taxonómica de las especies del grupo* ***Selenicereus vagans*** *(Hylocereeae, Cactaceae)*. Thesis UNAM, 94 pp.

798. Martín-Gómez José Javier, Diego Gutiérrez del Pozo, Ángel Tocino & Emilio Cervantes. 2021. *Geometric Models for Seed Shape Description and Quantification in the Cactaceae*. Plants 10: 2546.

799. Martins Cristiaen, Reisla Oliveira, Ludmilla M.S. Aguiar & Yasmine Antonini. 2020. *Pollination biology of the endangered columnar cactus* ***Cipocereus crassisepalus****: a case of close relationship between plant and pollinator*. Acta Botanica Brasilica - 34(1): 177-184.

800. Masotta Carlos. 2017. *La Cicatriz de Margarita Foyel*. Clepsidra. Revista Interdisciplinaria de Estudios sobre Memoria | ISSN 2362-2075. 4(8): 66-85.

801. Masterson Mark. 2008. *Further comments on* ***Mammillaria lindsayi*** *L 1134 and L 1135*. Journal Mammillaria Society 48(1): 76-77.

802. Matias Palafox María Loraine. 2007. *Estructura Poblacional y Biología Reproductiva de* ***Turbinicarpus horripilus*** *(Lem.) Vác. John & Riha (Cactaceae)*. Doctoral thesis, Universidad Autónoma Metropolitana-Iztapalapa, Mexico.

803. Matuszewski Grzegorz. 2020. What is ***Copiapoa conglomerata***? The Cactus Explorer 26: 76-79.

804. Matuszewski Grzegorz & Stanislaw Hinz. 2020. ***Thelocactus***. Kontynenty Dariusz Raczko ISBN 978-83-932646-0-5, 281pp.

805. Mauseth James D. & Ross Robert G. 1988. *Systematic anatomy of the primitive cereoid cactus* ***Leptocereus quadricostatus***. Bradleya 6: 49-64.

806. Mauseth James D. 1989. *Comparative structure-function studies within a strongly dimorphic plant,* ***Melocactus intortus*** *(Cactaceae)*. Bradleya 7: 1-12.

807. Mauseth James D. 1996. *Comparative anatomy of tribes Cereeae and Browningieae (Cactaceae)*. Bradleya 14: 66-81.

808. Mauseth James D., Terrazas Teresa, & Loza-Cornejo Sofía. 1998. *Anatomy of relictual members of subfamily Cactoideae, IOS Group 1a (Cactaceae)*. Bradleya 16: 31-43.

809. Mauseth James D. 1999. *Comparative anatomy of* ***Espostoa, Pseudoespostoa, Thrixanthocereus*** *and* ***Vatricania*** *(Cactaceae)*. Bradleya 17: 27-37.

810. Mauseth James D. 2003 ***Blossfeldia*** lacks cortical bundles and persistent epidermis; is it basal within Cactoideae? Bradleya 24: 73-82.

811. Mauseth James D., Terrazas Teresa, Vázquez-Sánchez Monserrat & Arias Salvador. 2005. *Field observations on* ***Backebergia*** *and other cacti from Balsas Basin, Mexico*. Haseltonia, Vol 77–3: 132-143.

812. Mauseth James D. 2006. *Structure–Function Relationships in Highly Modified Shoots of Cactaceae*. Ann Bot. 98(5): 901–926.

813. Maxwell Phil. 1998. *The* ***Rhipsalis*** *Riddle – or the day the cacti came down from the trees, Part 1.* New Zealand Cactus and Succulent Journal, 51:4 129-140.

814. Maxwell Phil. 1999a. *The* ***Rhipsalis*** *Riddle – or the day the cacti came down from the trees, Part 1.* New Zealand Cactus and Succulent Journal, 52:1 19-25.

815. Maxwell Phil. 1999b. *The* ***Rhipsalis*** *Riddle – or the day the cacti came down from the trees, Part 1.* New Zealand Cactus and Succulent Journal, 52:2 52-62.

816. May Ben C., Wester David B., Britton Carlton M., & Bryson Ty. 2008. *Macro- and Micro-Habitat Characteristics of Kuenzler'S Hedgehog Cactus****, Echinocereus fendleri*** *var.* ***kuenzleri***. Haseltonia, 14, 170–175.

817. *Mayer, Michael S., L. M. Williams, & J. P. Rebman. 2000. *Molecular evidence for the hybrid origin of* ***Opuntia prolifera*** *(Cactaceae).* Madroño 47: 109-115.

818. Mayer Michael S., **Anastasia Gromova, Kristen Hasenstab-Lehman, Molly Lippitt & Mia Barnett**. 2011. *Is* ***Cylindropuntia x fosbergii*** *(Cactaceae) a Hybrid?* Madroño 58(2): 106-112.

819. Mayr Ernst. 1996. *What is a Species, and What is Not?* Philosophy of Science, 63: 262-277.

820. ***McGlaughlin Mitchell & Samantha K. Naibauer**. 2023. *Conservation genetics of* ***Sclerocactus*** *in Colorado: the importance of accurate taxonomy to conservation*. Front. Conserv. Sci. 4:1310985. doi: 10.3389/fcosc.2023.1310985

821. ***McGlaughlin Mitchell E. & Samantha K. Naibauer**. 2024. ***Sclerocactus dawsoniae*** *(Cactaceae), a New Species from Western Colorado, U.S.A*. Novon A Journal for Botanical Nomenclature 32: 79-83.

822. McIntosh Margrit E., Boyd Amy E., Jenkins Philip D. & McDade Lucinda. 2011. *Growth and Mortality in the Endangered Nichol's Turk's Head* ***Echinocactus horizonthalonius var. nicholii*** *(Cactaceae) in Southeastern Arizona, 1995-2008.* The Southwestern Naturalist, 56(3): 333-340.

823. Meiado Marcos, Machado Marlon, Zappi Daniela, Taylor Nigel & Siqueira Filho José. 2015. *Ecological attributes, geographic distribution and endemism of cacti from the São Francisco Watershed*. Gaia Scientia. Ed. Especial Cactaceae 9(2): 40-53.

824. Méndez Eduardo. 2007. *Variación estructural en poblaciones de* ***Denmoza rhodacantha*** *(Cactaceae) sobre laderas de montañas en Mendoza, Argentina*. Rev. FCA UNCuyo. 39(2): 71-80.

825. Méndez Martha, Dorantes Alfredo, Dzib Gabriel, Argáez Jorge, Durán Rafael. 2006. *Germinación y establecimiento de plántulas de* ***Pterocereus gaumeri****, una cactácea columnar, rara y endémica de Yucatán, México*. Boletín de la Sociedad Botánica de México 79: 33-41.

826. Menezes Marcelo O., Taylor Nigel P., Machado Marlon, Coelho Paulo J., & Correia Diva. 2011. *Diversity and distribution of Cactaceae in Ceará state, north-eastern Brazil*. Bradleya 29: 13-42.

827. Menezes Marcelo Oliveira Teles, Nigel P. Taylor & Maria Iracema Bezerra Loiola. 2013. *Flora of Ceará, Brazil: Cactaceae*. Rodriguesia 64(4): 757-774.

828. Menezes Marcelo O.T., Daniela C. Zappi, Evandro M. Moraes, Fernando F. Franco, Nigel P. Taylor, Itayguara R. Costa & Maria I.B. Loiola. 2016. *Pleistocene radiation of coastal species of* ***Pilosocereus*** *(Cactaceae) in eastern Brazil*. Journal of Arid Environments 135: 22-32.

829. Menkins Ian. 2010. *A Reassessment of the Type of* ***Opuntia stricta*** *(Haw.) Haw*. PDF at: http://www.opuntiads.com

830. Mercado Muñoz Fermín. 2014. *Diversidad y Sistemática del género* ***Opuntia*** *s.s. en la región de Los Cabos, Baja California Sur*. Thesis, Centro de Investigaciones Biológicas del Noroeste, S.C., México.

831. Meregalli Massimo, Metzing Detlev, Kiesling Roberto, Tosatto Simona & Caramiello Rosanna. 2002. *Systematics of the **Gymnocalycium paraguayense-fleischerianum** Group (Cactaceae): morphological and molecular data*. Candollea. 57. 299-315.

832. Meregalli Massimo. 2013. ***Gymnocalycium**, subgenus Scabrosemineum, of the surroundings of Mazan (Argentina, provinces La Rioja and Catamarca). 1. **Gymnocalycium ferrarii** Rausch 1981.* Schütziana 4(2): 3-19.

833. Meregalli Massimo & Kulhánek Tomáš. 2015. ***Gymnocalycium schmidianum**, a good species. Notes on its distribution and ecology and description of a new subspecies*. Schütziana 6(1): 3–40.

834. Merino Gabriel, Manuel Antonio Ochoa Sánchez, Diego I. González Meléndez, Margarita Collazo-Ortega, Judith Márquez-Guzmán. 2022. *Mating systems in a natural hybrid of **Cephalocereus** (Cactaceae) and comparative seed germination*. Journal of Arid Environments 203: 104773.

835. Mesa Nivón Marina Verónica. 2011. *Cactáceas Mexicanas: usos y amenazas*. advisory number INE / ADA - 026/2011, 1209 pp.

836. Metzing Detlev & Thiede, Joachim. 2001. *Testa sculpture in the genus **Frailea***. Botanical Journal of the Linnean Society 137: 65–70.

837. Metzing Detlev. 2004. *A Quick and Easy Method for Documenting Flower Characters.* Haseltonia 10 : 30-37.

838. Metzing Detlev & Kiesling Roberto. 2006. *Notes on the diversity, biology, and taxonomy of **Frailea** (Cactaceae)*. Bradleya 24: 115-128.

839. Metzing Detlev & Kiesling Roberto. 2007. ***Winterocereus** (Cactaceae) is the correct name for **Hildewintera***. Taxon 56 (1).

840. Metzing Detlev & Kiesling Roberto. 2008. *The Study of Cactus Evolution: The Pre-DNA Era*. Haseltonia 14: 6-25.

841. Metzing Detlev. 2015. *Merveilleuses Petites Plantes, le genre **Frailea**, 1ère partie.* Terra Seca 3: 5-20.

842. Metzing Detlev. 2015. *Merveilleuses Petites Plantes, le genre **Frailea**, 2ème partie.* Terra Seca 4: 42-52.

843. *Mihalte Lucica. 2010. *Phylogenetic Distances among Several Genotypes of **Rebutia, Mediolobivia**, and **Sulcorebutia** (Cactaceae)*. Int. Journ. of Botany 6(3): 266-272.

844. *Mihalte Lucica, Sestras Radu E. & Feszt Gyorgy. 2011. *Morphological characterization and phylogenetic distance among several genotypes of **Rebutia, Aylostera, Mediolobivia** and **Sulcorebutia** (Cactaceae)*. African Journal of Biotechnology, pp.13051-13057.

845. Millán-Otero Manuel Guillermo, Raúl Puente-Martínez, Juan Fernando Pío-León & Gilberto Márquez-Salazar. 2024. ***Opuntia eruca**, a new species of Cactaceae, from Sinaloa, Mexico*. Acta Botanica Mexicana 131,
DOI: https://doi.org/10.21829/abm131.2024.2408

846. Molinari Novoa Eduardo Antonio. 2015. *Une Liste à jour des Cactées des bassins de Lima au Pérou*. Succulentopia 13: 18-21.

847. *Montalvo Fernández Grecia, Matilde Ortiz García, Elisa Quiala Mendoza, Miguel Keb-Llanes, Luis Emilio Rojas,

848. Montanucci Richard R. 2009. *Infrageneric taxonomy of **Astrophytum** (Cactaceae), with remarks on status of **Digitostigma***. Journal of the Botanical Research Institute of Texas, 3(1): 251-256.

849. Moore, Winifred O. 1967. *The **Echinocereus enneacanthus-dubius-stramineus** complex (Cactaceae)*. Brittonia 19: 77-94.

850. Mora González Raquel Yudith. 2024. *Karibelis y como se convirtió en la reina de la Costa Caliza*. Ed. Amigo del Hogar, Dominican Republic.

851. Moraes Evandro M., Rosa, Carlos A. & Sene Fabio M. 2005. *Preliminary notes on yeasts associated with necrotic cactus stems from different localities in Brazil*. Braz. J. Biol. vol.65, n.2, pp. 299-304.

852. *Moraes Evandro. M, Abreu Aluana G., Andrade Sónia C.S., Sene Fabio M. & Solferini Vera N. 2005. *Population genetic structure of two columnar cacti with a patchy distribution in eastern Brazil*. Genetica (2005) 125:311–323.

853. Morales Juan Francisco. 2005. *Orchids, cacti and bromeliads of the dry forest – Costa Rica*. Instituto Nacional de Biodiversidad, INBio, 186 pp.

854. Moreira-Muñoz Andrés. 2011. *Plant Geography of Chile.* Vol. 5, ed. Werger, Springer, 366 pp.

855. *Moreno Natalia Cecilia, Leonardo D. Amarilla, Maria Laura Las Peñas, Gabriel Bernardello. 2015. *Molecular cytogenetic insights into the evolution of the epiphytic genus **Lepismium** (Cactaceae) and related genera*. Botanical Journal of the Linnean Society 177(2): 263-277.

856. Morton Julia F. 1967. *Cadushi (**Cereus repandus** Mill.), a useful cactus of Curaçao*. Economic Botany, 21(2): 185-191.

857. Mosco Alessandro & Carlo Zanovello. 1999. *Comments on some Doweld's new genera and a proposal to resurrect **Hamatocactus**.* Cactus Cons. Init. 8:21-23.

858. Mosco Alessandro & Zanovello Carlo. 1997. ***Neolloydia gautii** Benson: A tangled taxonomic history and two new combinations*. Bradleya 15: 77-83.

859. Mosco Alessandro & Zanovello Carlo. 1999a. *Comments on some of Doweld's new genera and a proposal to resurrect **Hamatocactus***. In: Hunt, D., Cactaceae consensus initiatives 8:21–23.

860. Mosco Alessandro & Zanovello Carlo. 1999b. *Nomenclatural adjustments in **Thelocactus** and **Turbinicarpus**.* Cactaceae Consensus Initiatives 7: 18.

861. Mosco Alessandro & Zanovello Carlo. 2000a. *The mandrake cactus: a mystery plant*. Bradleya 18: 41-44.

862. Mosco Alessandro & Zanovello Carlo. 2000b. *A phenetic analysis of the genus **Thelocactus***. Bradleya 18: 45-70.

863. Mosco Alessandro & Zanovello Carlo. 2002. ***Thelocactus:** an introduction to the genus*. Cactus & Co. 6. (3): 144-171.

864. *Mosti Stefano, Lewke Bandara Nadeesha & Papini Alessio. 2011. *Further insights and new combinations in **Aylostera** (Cactaceae) based on molecular and morphological data*. Pak. J. Bot., 43(6): 2769-2785.

865. Mota Lambert Sabrina. 2009. ***Tacinga***, the Hummingbird-pollinated Prickly Pear. Cact. & Succ. J. 81(3): 156-161.

866. Mottram Roy. 1977. ***Cleistocactus santacruzensis** flowers*. The Chileans, 9(33).

867. Mottram Roy. 2001. ***Rimacactus**, a new genus of Cactaceae*. Bradleya 19: 75-82.

868. Mottram Roy. 2004a. ***Airampoa**. A review.* Tephrocactus Study Group 10(1).

869. Mottram Roy. 2004b. ***Airampoa.** Further notes*. Tephrocactus Study Group 10(4) p. 51, 56-57.

870. Mottram Roy. 2014a. *Allotaxa of the Cactaceae*. The Cactician 5.

871. Mottram Roy. 2014b. *Curt Backeberg: A history and evaluation of his work on cacti*. The Cactician 6: 1-57.

872. Mottram Roy & Hoxey Paul. 2020. *An evaluation of the cacti of Charles Plumier (1646–1704)*. The Cactician 13: 89-92.

873. Mücke Ulrich. 2015*. The Diary of Heinrich Witt*. Boston and Leiden: Brill, 10 vols.

874. Mulej Iztok. 2007. *Cacti from A to Z: **Airampoa** part 2*. Welwitschia 7(1-4): 8-11.

875. Muro Pérez Gisela. 2011. *Asociaciones nodriza-protegida y Germinación de Cactáceas en Durango y Tamaulipas*. Th. doct. Univ. Aut. de Nuevo León.

876. Muruaga Nora B., Figueroa Romero María R. & Kiesling Roberto. 2008. *Circunscripción de **Rebutia minuscula** (Cactaceae, Cactoideae).* Darwiniana 46(2): 318-327.

877. Muruaga Nora B. 2010. ***Rebutias** endémicas de la Argentina.* Bol. Soc. Latin. Carib. Cact. Suc. 7(3): 15-21.

878. Navarro Gonzalo. 1996. *Catálogo ecológico preliminar de las Cactáceas de Bolivia*. Lazaroa 17: 33-84.

879. Naranjo María Elena, Rengifo Carlos & Soriano Pascual J. 2003. *Effect of ingestion by bats and birds on seed germination of **Stenocereus griseus** and **Subpilocereus repandus** (Cactaceae)*. Journal of Tropical Ecology, 19:19–25.

880. Nassar Jafet M., Hamrick James L. & Fleming Theodore H. 2002. *Allozyme diversity and population genetic structure of the leafy cactus **Pereskia guamacho** (Pereskioideae)*. Journal of Heredity 93: 193-200.

881. Nassar Jafet M., Ramirez Nelson, Lampo Margarita, González José Antonio, Casado Roberto & Nava Francisco. 2007. *Reproductive Biology and Mating System Estimates of Two Andean Melocacti, **Melocactus schatzlii** and **M. andinus** (Cactaceae)*. Annals of Botany 99: 29–38.

882. Nassar Jafet M. 2008. *Fenología reproductiva y capacidad de regeneración de dos cardones, **Stenocereus griseus** (Haw.) Buxb. Y **Cereus repandus** (L.) mill. (Cactaceae).* Acta Botánica Venezuelica, 31(2): 495-528.

883. Navarro Gonzalo. 1996. *Catálogo ecológico preliminar de las cactáceas de Bolivia*. Lazaroa 17: 33-84.

884. ***Negron-Ortiz Vivian**. 2007. *Chromosome numbers, nuclear DNA content and polyploidy in **Consolea** (Cactaceae), an endemic cactus of the Caribbean Islands*. American Journal of Botany 94: 1360-1370.

885. Nobel Park S. 2002. *Cacti: Biology and Uses*. University of California Press, P.S. Nobel (Ed.).

886. *Nodal-Moreno Sergio Antonio, Guadalupe Palomino, Pedro Almaguer-Sierra, Fidel Blanco-Macías, Ludivina Barrientos-Lozano, Juan Flores Gracia. 2019. *Analysis of genome size, polyploidy, and endopolyploid pattern in populations of **Nopalea cochenillifera** (L.) Salm-Dyck (Cactaceae) in Tamaulipas, Mexico*. Acta Universitaria 29, 22-38. doi. http://doi.org/10.15174.au.2019.2238.

887. Novoa Sidney, Redolfi Inés, Ceroni Aldo *et al*. 2005. *El forrajeo de la hormiga Camponotus sp. en los botones florales del cactus **Neoraimondia arequipensis** subsp. **roseiflora** (Werdermann & Backeberg) Ostolaza (Cactaceae)*. *Ecol. apl.*, ene./dic. 2005, vol.4, no.1-2, p.83-87.

888. Novoa Sidney, Ceroni Aldo & Arellno Consuelo. 2005. *Contribución al conocimiento de la fenología del cactus **Neoraimondia arequipensis** subsp. **roseiflora** (Werdermann & Backeberg) Ostolaza (Cactaceae) en el Valle del Río Chillón, Lima-Perú*. Ecol. apl., ene./dic. 2005, vol.4, no.1-2, p.35-40.

889. Nyffeler Reto. 1995. *Nomenklatorisches zur Frage **'Echinofossulocactus** oder **Stenocactus'***. Kakt. u. a. Sukk. 46(2) 11: 264-268.

890. Nyffeler Reto. 1997. *Stem anatomy of **Uebelmannia** (Cactaceae) - with special reference to **Uebelmannia gummifera***. Botanica Acta 110: 489-495.

891. Nyffeler Reto & Eggli Urs. 1997. *Comparative Stem Anatomy and Systematics of **Eriosyce** sensu lato (Cactaceae)*. Ann. Bot. 80 (6): 767-786.

892. Nyffeler Reto. 1999. ***Notocactus*** versus ***Parodia*** - the search for a generic classification of the subtribe Notocactinae. Cactus Consensus Initiatives 7: 6-8.

893. *Nyffeler Reto. 2002. *Phylogenetic relationships in the cactus family (Cactaceae) based on evidence from trnK/matK and trnL-trnF sequences*. American Journal of Botany 89(2): 312-326.

894. *Nyffeler Reto. 2007. *The closest relatives of Cacti: insights from phylogenetic analysis of chloroplast and mitochondrial sequences with special emphasis on relationships in the tribe Anacampseroteae.* American Journal of Botany 94(1): 89–101.

895. Nyffeler Reto, Eggli Urs, Ogburn Matt, Edwards Erika. 2008. *Variations on a Theme: Repeated evolution of Succulent Life forms in the Portulacinae (Caryophyllales)*. Haseltonia 14: 26-36.

896. *Nyffeler Reto & Eggli Urs. 2010. *A farewell to dated ideas and concepts: molecular phylogenetics and a revised suprageneric classification of the family Cactaceae*. Schumannia 6:109-149.

897. Oakley Luis, Mogni Virginia & Kiesling Roberto. (2015). *La clasificación infraespecífica y la distribución geográfica de **Monvillea phatnosperma** (Cactaceae)*. Bol. Soc. Argent. Bot. 50 (2): 247-254.

898. Oakley Luis, & Kiesling Roberto. (2016). *A New Series of the Genus **Opuntia** Mill. (Opuntieae, Opuntioideae, Cactaceae) from Austral South America.* Haseltonia, 22, 22–30.

899. Oakley J. Luis. 2019. Analysis of Infraspecific Variability and Distribution of ***Opuntia anacantha*** Speg. (Cactaceae-Opuntioideae) in the Argentine Chaco Region. Thesis, Faculty of Agricultural Sciences, National University of Rosario, Argentina.

900. *Ocampo Gilberto & Columbus J. Travis. 2010. *Molecular phylogenetics of suborder Cactineae (Caryophyllales), including insights into photosynthetic diversification and historical biogeography*. Am. J. Bot. 97: 1827-1847.

901. Ogburn Matthew, Edwards Erika. 2009. *Anatomical Variation in Cactaceae and Relatives: Trait Lability and Evolutionary Innovation.* Am. Journ. of Botany 96(2): 391-408.

902. O'Leary, Maureen C. 1996. *Isozyme polymorphism and inheritance in **Hatiora** and **Schlumbergera** (Cactaceae)*. Doctoral Dissertations 1896-2014, Univ. Massachussets.

903. Oliveira João Paulo Loyola, Marlon Machado & Jose Geraldo de Aquino Assis. 2005. *Números cromossômicos de espécies de **Discocactus** (Cactaceae) do leste do Brasil*. 56º Congresso Nacional de Botânica, Curitiba, Brazil.

904. Oome Stan. 2005. *Variable cotyledon numbers in **Mammillaria beneckei*** (Cactaceae), Radboud University, May–June**.**

905. Ordones Rego Juliana, Edivani Villaron Franceschinelli & Daniela Cristina Zappi. 2012. *Reproductive biology of a highly endemic species: **Cipocereus laniflorus** N.P. Taylor & Zappi (Cactaceae).* Acta Botanica Brasilica 26 (1): 243-250.

906. Ortiz-Brunel Juan Pablo, Pablo Carrillo-Reyes, Daniel Sánchez, Eduardo Ruiz-Sánchez, & Aarón Rodríguez. 2022. *A morphological analysis of the **Mammillaria fittkaui** species complex (Cactaceae) reveals a new species from Jalisco, Mexico.* Botanical Sciences, electronic, consulted November, 28, 2022. DOI: 10.17129botsci.3221 14pp.

907. Ortiz-Brunel Juan Pablo, Aldo Delladdio, Ricardo Daniel Raya-Sánchez, Cristian Pérez-Badillo, Iván Zurita-Suárez & Joel Flores. 2023. *First record of **Sclerocactus papyracanthus** (Cactaceae) in Mexico*. Acta Botanica Mexicana 130: e2215. DOI: https://doi.org/10.21829/abm130.2023.2215

908. Ortiz-Brunel Juan Pablo, Michael R. McKain, Pilar Zamora-Tavares, Eduardo Ruiz-Sanchez, Daniel Sanchez, Isaac Sandoval-Padilla, Bryan N. MacNeill & Aaron Rodriguez. 2024. *Two chloroplast genomes with reduced inverted repeat regions in **Mammillaria** series Stylothelae (Cactaceae).* Botanical Sciences 102 (2): 499-512.

909. Ortner Helmut. 2018. *Hitler's Executioner: Roland Freisler, President of the Nazi People's Court*. Frontline Books, 248pp.

910. Ossa Carmen G. & Medel Rodrigo. 2011. *Notes on the floral biology and pollination syndrome of **Echinopsis chiloensis** (Colla) Friedrich & G.D.Rowley (Cactaceae) in a population of semiarid Chile*. Gayana Bot. vol. 68: 2, 213-219.

911. Ossenbach Carlos. 2007. *Horti Selbyani: History of Orchids in Central America Part II: The New Republics-1821-1870*. Selbyana, 28(2): 169-209.

912. Ossenbach Carlos & Rudolf Jenny. 2021. *Rudolf Schlechter's South-American orchids VI. Schlechter's ''Network'': Bolivia, Paraguay, Chile, Argentina, and Uruguay*. Lankesteriana 21(3): 363-419.

913. Osten Cornelius. 1941. *Notas sobre Cactáceas*. Anales del Museo de Historia Natural de Montevideo, Tomo 5, 158pp.

914. Ostolaza Nano Carlos. 2006. *El Género **Armatocereus** Backeberg*. *Zonas Áridas* 10: 144-154.

915. Ostolaza Nano Carlos. 2009. ***x Haagespostoa***. Quepo 23: 64-69.

916. Ostolaza Nano Carlos. 2011. *101 Cactus del Perú*. Ed. Ministerio del Ambiente, Perú.

917. Ostolaza Nano Carlos. 2014. *Todos los Cactus del Perú*. Ed. Ministerio del Ambiente, Perú. 538pp.

918. Ostolaza Nano Carlos. 2019. *Todos los Cactus del Perú*. 2a Ed. SPECS, Perú. 572 pp. Corrected and updated.

919. Otero-Arnaiz Adriana, Casas Alejandro, Bartolo Carmen, Pérez-Negrón Edgar & Valiente-Banuet Alfonso. 2003**.** *Evolution of Polaskia chichipe (Cactaceae) under domestication in the Tehuacán Valley, central Mexico: reproductive biology.* Am. Journal of Botany. 90:593-602.

920. Oyuela-Andino, Olvin. 2017. *Cactus Guía de campo de las Cactáceas del Parque Nacional Palo Verde, Costa Rica.* OET 2017-18. 123-131.

921. Panawala Lakna. 2017. *Difference between Hilum and Micropyle*. Iepedia, 8 pp.

922. Papsch Wolfgang & Pöschl Josef. 2000. *Gök 2000: Österreicher in der Welt der Kakteen*. Ed. Eigenverlag Gök, 193 pp.

923. Papsch Wolfgang. 2012. ***Gymnocalycium bruchii**: History, Ecology and Systematics - Part 1*. Schütziana 3 (2): 3-43.

924. Pardo Oriana B. & José Luis Pizarro T. 2022. *Achacana, Biografía de un cactus (**Neowerdermannia** sp.).* Ed; Parina, Chile, 169 pp.

925. Parfitt Bruce D. & Donald J. Pinkava. 1988. *Nomenclatural systematic reassessment of **Opuntia engelmannii** and **Opuntia lindheimeri** (Cactaceae)*. Madroño 35: 342-349.

926. Parfitt Bruce D. & Arthur C. Gibson. 2003. *37. Cactaceae*. In Flora of North America p.92 etc. http://www.efloras.org/florataxon.aspx?flora_id=1&taxon_id=10141

927. Parker Kathleen C. & Hamrick James L. 1992. *Genetic Diversity and Clonal Structure in a Columnar Cactus, **Lophocereus schottii***. American Journal of Botany 79(1): 86-96.

928. Pauca Tanco Anthony & Quipuscoa Silvestre Víctor. 2015. ***Corryocactus dillonii** (Cactaceae), a new species Lomas Formations from Arequipa, Perú*. Arnaldoa 22(2): 313-328.

929. Pauca Tanco Anthony. 2016. *Taxonomía y Distribución del género **Cumulopuntia** en Arequipa*. Thesis, Univ. Nac. De San Agustín de Arequipa, Perú.

930. Pauca Tanco Anthony & Quipuscoa Silvestre Victor. 2017. *Catalogue of the Cacti of Department of Arequipa, Perú*. Arnaldoa, 24 (2): July - December.

931. Pauca Tanco Anthony, Talavera Delgado Carmelo, Benavides Francisco, Quispe Johana & Laura Marcelina. 2018. *Cactaceae of the district of Atiquipa and of the Lomas of Atiquipa Private Conservation Area: taxonomic, ecological and distribution aspects*. Arnaldoa 25(3): 829-855.

932. Pauca Tanco Anthony & Quipuscoa Silvestre Víctor. 2020. *El género **Cumulopuntia** (Cactaceae, Opuntioideae) en el Departamento de Arequipa, Perú*. Darwiniana, nueva serie 8(1): 00-00.

933. Pauca Tanco Anthony, Turpo Johana del Pilar Quispe, Hoxey Paul, Quipuscoa Víctor, Balvin Margarita & Zambrano Santiago. 2020. *Los Cactus del Valle de Cháparra, Perú: diversidad y distribución*. Arnaldoa, 27(2), 405-426. https://dx.doi.org/10.22497/arnaldoa.272.27202

934. Peña de Bascary Sara. 2014. *Federico Schickendantz. Un científico investigador vehemente*. Revista Nº 14 de la Junta de Estudios Históricos de Tucumán, pp. 85-124.

935. Perea, Mario del V., Gustavo Pedraza, & Enrique A. Fra. 2005. *Relevamiento de Cactáceas en la provincia de Catamarca*. Buenos Aires: CFI, 390 pp.

936. *Perez Manolo F., Téo Mariana F., Zappi Daniela C., Taylor Nigel P. & Moraes Evandro M. 2011. *Isolation, characterization, and cross-species amplification of polymorphic microsatellite markers for **Pilosocereus machrisii** (Cactaceae)*. Am. J. Bot. (98) 8: 204-206.

937. *Perez Manolo F., Bryan C. Carstens, Gustavo L. Rodrigues & Evandro M. Moraes. 2016. *Anonymous nuclear markers reveal taxonomic incongruence and long-term disjunction in a cactus species complex with continental-island distribution in South America*. Molecular Phylogenetics and Evolution 95: 11-19.

938. Perrotta Vanesa Georgina & Arambarri Ana María. 2018. *Cladodes anatomy of **Opuntia** (Cactaceae) from the province of Buenos Aires (Argentina)*. Bol. Soc. Argent. Bot. 53(3):345-357.

939. Pethiyagoda Rohan. 2023. *Policing the scientific lexicon: The new colonialism?* Megataxa 10(1): 020-025. Magnolia Press.

940. Pilbeam John. 1999. *Mammillaria*, Cirio Publishing Services, 376 pp.

941. Pilbeam John. 2019. *The genus **Stenocactus***. The Cactus Explorer 25: 26-35.

942. Pin Ana. 1998. *Nota sobre dos especies de **Brasiliopuntia** (Cactaceae): **B. brasiliensis** y **B. schulzii**.* Rojasiana 4(2): 144-163.

943. Pin Ana. B. & Simón Joan, eds. 2004. *Guía Ilustrada de los Cactus del Paraguay*. Asunción. Secretaría del Ambiente. 198 pp.

944. Pineda Olga P. & Olvin W. Oyuela. 2020*. Synopsis of the genus **Opuntia** Mill. (Opuntioideae, Cactaceae) in Honduras*. Forestry Journal of Peru, 35 (1): 54-72.

945. Piñeyro Yuley Encarnación, Cinea William & Majure Lucas C. 2023. *Towards a Treatment for the Cactus Family (Cactaceae) on Hispaniola: Generic Key, Species Checklist, Nomenclature Assessments and Distribution Notes*. Haseltonia, 30(1): 67-95.

946. Pinkava Donald J. 1976. *A new species of cholla (Cactaceae: **Opuntia**) from Coahuila, Mexico*. Madroño 23(5): 292-294.

947. Pinkava Donald J. 1999. *Cactaceae Cactus Family Part Three **Cylindropuntia** (Engelmann) Knuth Chollas.* Vascular Plants of Arizona: Cactaceae, the Journal of Arizona-Nevada Acad. Of Sciences, 32(1): 32-47.

948. Pino Infante Guillermo, Ostolaza, Carlos & Fernández, Manuel. 2020. ***Strophocactus krammii**, una nueva cactácea epífita de la Amazonía peruana*. Quepo 34. 6-16.

949. Pino Infante Guillermo, Luis Enrique Aarón Alomía Collazos, Alejandra Huamán Pinedo, Jorge Ernesto Romero Banda, Andrés Alcalá Bacigalupo. 2022. ***Perucactus**, a new genus in Cactaceae from Central Peru*. Quepo 36: 7-31.

950. Pinto Paiva Melquíades. 2003. *Os Naturalistas eo Ceará: IX- Philipp Von Luetzelburg (1880-1948)*. Revista do Instituto do Ceará pp. 41-53.

951. Pinto Raquel. 2003. ***Lobivia ferox** Britton et Rose (Cactaceae), nuevo registro para la flora chilena*. Gayana, Bot. 59(2): 65-72.

952. Pinto Raquel. 2005a. *A new species of **Eriosyce** (Cactaceae) from the northernmost coast of Chile.* Bradleya 23: 1-6.

953. Pinto Raquel & Kirberg Arturo. 2005b. *Conservation status of **Eriosyce** (Cactaceae) in northernmost Chile*. Bradleya 23: 7-16.

954. Pinto Raquel & Kirberg Arturo. 2009. *Cactus del Extremo Norte de Chile*. autoed. ISBN: 9563197496.

955. Pittier Henri. 1936. *Certain Cactaceae of Venezuela: New and old species of **Opuntia** and **Melocactus***. Journal of the Washington Academy of Sciences, 26(2): 41-45.

956. Pizarro José. 2014. *Cactáceas de Tacna*. self ed., Tacna, Perú, 86 p.

957. Plasencia-López Lucía, Mariana Rojas-Aréchiga, and María C. Mandujano. 2020. Reproductive Biology of ***Grusonia bradtiana*** (Cactaceae): A Dominant Species and Endemic Clonal Cactus from Cuatro Ciénegas Basin and Contiguous Areas in the Chihuahuan Desert, pp.75-94.

958. Plein Wolfgang. 2009. ***Mammillaria herrerae** Werderm., a Mexican species on the brink of extinction*. Mitteilungsblatt des Arbeitskreises für Mammillarienfreunde, 33(1): 26-37.

959. Pontes Corrêa Rodrigo, Cardoso Marchiori José Newton & Witeck Neto Leopoldo. 2017. *Notas historicas sobre a familia Cactaceae no Rio Grande do Sul (Brasil) e Uruguai. Ii Periodo moderno (1950-1980): Colecionadores e Exploradores da Região e Imigrantes Europeus.* Balduinia 57: 1-17.

960. Porras-Flórez Daniela, Albesiano Sofía & Leopoldo Arrieta V. 2017. *El género **Opuntia** (Opuntioideae–Cactaceae) en el departamento de Santander, Colombia.* Biota Colombiana. 18. 112-132.

961. *Porter J. Mark., Kinney Michael S. & Heil Kenneth D. 2000. *Relationships between Sclerocactus and Toumeya (Cactaceae) based on chloroplast TRNL-TRNF sequences*. Haseltonia 7:8-23.

962. Porter J. Mark. 2001. *Endangered Wildlife and Plants of the World, Vol. 2*. Ed. Marshall Cavendish Corp.

963. Porter J. Mark, Jennifer Cruse-Sanders, Linda Prince, Robert Lauri. 2013. *Species Status of **Sclerocactus brevispinus, S. wetlandicus**, and **S. glaucus**: Inferences from Morphology, Chloroplast DNA Sequences, and AFLP Markers*. Aliso: A Journal of Systematic and Floristic Botany: Vol. 30: Iss. 2, Article 2.

964. *Porter J. Mark & Clifford Arnold. 2018. *Genetic diversity within **Sclerocactus cloverae** Heil & Porter based on ddRAD-seq: the genetic basis for subspecies recognition*. Final report to the BLM New Mexico State Office, Santa Fe, NM, 47pp.

965. Pozo Paola, John Wood, Daniel Soto a Stephan Beck. 2013. *Endemic Plant Species to the Rock Outcrops of the Serranías of Roboré and Concepción: Implications for their Conservation*. Rev. de la Soc. Bót. Boliviana 7(1): 73-81.

966. Prauser Wolfgang. 1990. *Die Pflanzengruppe um **Notocactus tabularis***. Internoto 11(15): 75-88.

967. Prestlé Karl Heinz. 1998. *Die Gattung **Frailea** Br. & R*. 3rd ed., Prestlé, self-ed. 250 pp.

968. Proctor George R. 1982. *More Additions to the Flora of Jamaica.* Journal of the Arnold Arboretum 63(3): 199-315.

969. Proctor George R. 1996. *Additions and Corrections to "Flora of the Cayman Islands"*. Kew Bulletin, 51(3): 483-507.

970. Puente-Martinez Raúl. 2000. *SEM Analysis of Exine in Pollen of some Genera of the Subfamily Opuntioideae (Cactaceae) of North America Complex*. Scanning Electron Microscopy Class, BIO 505.

971. http://sols.asu.edu/labs/bioimaging_facility/em_lab/popups/RPM.php

972. Puente-Martinez Raúl & Pinkava Donald J. 2002. *Taxonomy revision and Phylogeny of Nopalea (Cactaceae: Opuntioideae).* Fifth Annual Baja California Botanical Symposium, San Diego natural History Museum, Cal. USA.

973. Puente-Martinez Raúl & Curt Hamann. 2005. *A new Hybrid Prickly Pear from Coahuila, Mexico: **Opuntia x carstenii** hybr. nov. (Cactaceae)*. Cact. Succ. J. (Los Angeles) 77(5): 231 (228-236; illustr. 1-11) (2005).

974. Quispe Noemí R., Fuentes Alfredo F. 2010. ***Weberbauerocereus madidiensis** (Cactaceae), una Nueva Especie del Norte de Bolivia*. Novon 20(3): 325-328.

975. Ralston Barbara E., Hilsenbeck Richard A. 1992. ***Opuntia densispina** (Cactaceae): A New Club Cholla from the Big Bend Region of Texas*. Madroño vol.39(4) : 281-284.

976. Ramirez Pinto Luis. 2011. *Cactées de Bolivie : **Blossfeldia** spec. nova?* Cact.-Av. Int. 49:1 (29).

977. Rauh Werner. 1958. *Beitrag zur Kenntnis der peruanischen Kakteenvegetation*. Springer-Verlag Berlin Heidelberg GmbH, 547pp.

978. Rausch Walter. 1985. ***Lobivia** 85*. Self-Edited, W.Rausch, 160 pp.

979. *Realini Maria F., Graciela E. Gonzalez, Fabian Font, Paul I. Picca, Lydia Poggio & Alexandra M. Gottlieb. 2014. *Phylogenetic relationships of **Opuntia** (Cactaceae, Opuntioideae).* Plant Syst Evol. 12 pp. DOI 10.1007/s00606-014-1154-1.

980. Rebman Jon. 1997**. *Opuntia lindsayi**, a new cholla (Cactaceae: Opuntia, subgenus **Cylindropuntia**) from Lower California, Mexico*. Cactus and Succulent Journal (US) 69 (2): 67-70.

981. Rebman Jon P. & Pinkava Donald J. 2001. *Opuntia Cacti of North America: An Overview*. The Florida Entomologist Vol. 84: 4, 474-483.

982. Rebman Jon P. 2006. *A new club cholla, **Grusonia robertsii** (Cactaceae) from Baja California Sur, Mexico*. Madroño 53(3):278-281.

983. Rebman Jon P. & Roberts Norman C. 2012. *Baja California Plant Field Guide*. Sunbelt Publications, 451 pp.

984. Rebman Jon P. 2015. *Seven New Cacti (Cactaceae: Opuntioideae) From the Baja California Region, México*. Madroño 62(1): 46-67.

985. Rebman Jon P., Judy Gibson & Karen Rich. 2016. *Annotated Checklist of the Vascular Plants of Baja California, Mexico*. Proceedings of the San Diego Society of Natural History, nr. 45, 352pp.

986. Rebmann Klaus. 2020. ***Mammillaria geminata** Scheidweiler – Unknown and erroneously identified*. Cactus World 38(4): 315-320.

987. Rego Marco Antonio Rego, Luciano Moreira-Lima, Luís Fábio Silveria, Sylke Frahnert. 2013. *On the ornithological collection of Friedrich Sellow in Brazil (1814–1831), with some considerations about the provenance of his specimens*. Zootaxa 3616(5): 478-484 DOI:10.11646/zootaxa.3616.5.4

988. Řepka Radomir, Krajča Rudolf & Toman Václav. 2010. ***Uebelmannia pectinifera*** var. ***eriocactoides***. Cactus & Co. 14(1): 19-23.

989. Řepka Radomír & Mráĉek Jaroslav. (2012). *Gymnocalycium esperanzae: A Nothospecies?* Haseltonia, 18, 105–115.

990. Reppenhagen Werner. 1991. *Die Gattung **Mammillaria** Monographie Band 1*. Editor, printer and publisher: Druckerei Steinhart GmbH, 363pp.

991. Reppenhagen Werner. 1992. *Die Gattung **Mammillaria** Monographie Band 2*. Editor, printer and publisher: Druckerei Steinhart GmbH, 811pp.

992. Ribbens Erik. 2008. ***Opuntia fragilis**: Taxonomy, Distribution, and Ecology.* Haseltonia, 14, 94–110.

993. Ricker Martin, Susana Valencia-Avalos, Hector M. Hernandez, Carlos Gomez-Hinostrosa, Esteban M. Martinez-Salas, Leonardo O. Alvarado-Cárdenas, Bruno Wallnöfer, Clara H. Ramos, Pilar E. Mendoza. 2016. *Tree and tree-like species of Mexico: Apocynaceae, Cactaceae, Ebenaceae, Fagaceae, and Sapotaceae*. Revista Mexicana de Biodiversidad 87: 1189-1202.

994. Rigerszki Zoltàn, Gérard Delanoy, Endre Ujréti, Anselme Vilardebo. 2007. ***Melocacti** of Cuba*. Cactus & Co. Libri, 174 pp.

995. Říha Jan. 1980. Observations at the site of ***Mammillaria pachyrhiza*** Backeberg in the swamps of the state of Puebla, Mexico. Kakt. u.a. Sukk. 31(12): 357-361.

996. Říha Jan & Šubík Rudolf. 1981. *Encyclopédie des Cactus*. Éd. Gründ, Paris.

997. Říha Jan. 2007. ***Cintia knizei**: A taxonomic review*. Cactus World, 25(3): 143-147.

998. Rios Rodriguez Margarita. 2009. *Limitaciones en el reclutamiento de **Neobuxbaumia macrocephala** : un analisis de las interacciones a través de su ciclo reproductivo*. Thesis, UNAM, Inst. de ecología.

999. Rischer Werner. 2016. ***Echinocereus** Engelmann, Subgenus Triglochidiata, Section Scheeria: Die scheeri-Gruppe*. Der Echinocereenfreund 29, 176pp.

1000. Ritter Friedrich. 1979. *Kakteen in Südamerika,* vol.1, Brazil, Uruguay, Paraguay. Published by the author, Spangenberg, Germany.

1001. Ritter Friedrich. 1980. *Kakteen in Südamerika,* vol.2, Argentina, Bolivia., Published by the author Spangenberg, Germany.

1002. Ritter Friedrich. 1981. *Kakteen in Südamerika* vol.3, Chile. Published by the author, Spangenberg, Germany.

1003. Ritter Friedrich. 1981. *Kakteen in Südamerika* vol.4, Peru. Published by the author, Spangenberg, Germany.

1004. *Ritz Christiane. M., Martins Ludwig. Mecklenburg Rainer, Goremykin Vadim, Hellwig Franck H. 2007. *The molecular phylogeny of **Rebutia** (Cactaceae) and its allies demonstrates the influence of paleogeography on the evolution of South American mountain cacti*. Am. J. Bot. 94 (8):1321-1332.

1005. *Ritz Christiane, Jutta Reiker, Graham Charles, Paul Hoxey, David Hunt, Martin Lowry, Wolfgang Stuppy & Nigel Taylor. 2012. *Molecular phylogeny and character evolution in terete-stemmed Andean opuntias (Cactaceae-Opuntioideae)*. Molecular Phylogenetics and Evolution 65: 668–681.

1006. *Ritz Christiane. M., Karl Fickenscher, Jens Föller, Katja Herrmann, Rainer Mecklenburg, & Rainer Wahl. 2016. *Molecular phylogenetic relationships of the Andean genus **Aylostera** Speg. (Cactaceae, Trichocereeae), a new classification and a morphological identification key*. Plant Systematics and Evolution. 302. DOI 10.1007/s00606-016-1296-4.

1007. Rivera García Iliam & Romero Soler Katya. 2014. *¡Alerta! **Peniocereus canoensis** P.House Gómez-Hin. & H.M. Hern. Una Cactácea hondureña en grave peligro de extinción.* Herbario CICY 6: 37-40 (Mexico).

1008. Rivera-Hernández Jaime, Reyes Santiago Jerónimo, Cházaro Basañez Miguel, Ramón F., Vargas Abel & Alcántara G. 2014. *The cacti of the municipality of Acultzingo, Veracruz.* Cact. Suc. Mex. 59 (3): 68-78.

1009. Roberts Elton. 2013. ***Micropuntia**: an introduction. Is there a genus **Micropuntia**?* Cact. & Succ. J. US 85 (1)30-38.

1010. *Rodrigues-Santos Marianna. 2013. *Filogenia molecular, taxonomia, biogeografia e conservação de **Discocactus** Pfeiff. (Cactaceae)*. Thesis, Universidade Federal de Viçosa, Minas Gerais, Brazil.

1011. Rodrigues-Santos Marianna, Marlon C. Machado, Flávia C.P. Garcia & Nigel P. Taylor. 2015. *Taxonomic adjustments in **Discocactus** (Cactaceae)*. Phytotaxa 207(2): 209-212.

1012. Rodriguez Fuentes Alicia & Scheinvar Leia. 2006. ***Acanthocereus baxaniensis** und **A. tetragonus** in Kuba?* Kakt. u.a. Sukk. 57(5): 113-115.

1013. Rodríguez-Arévalo Isela, Alejandro Casas, Rafael Lira & Jorge Campos. 2006. *Uso, manejo y procesos de domesticación de **Pachycereus hollianus** (F.A.C.Weber) Buxb. (Cactaceae), en el Valle de Tehuacán-Cuicatlán, México*. INCI, Caracas 3(9): 677-685.

1014. Rodriguez Rodriguez Mario. 2005. *Martín Cárdenas, el eximio botánico y naturalista de América*. Plural ed., 539 pp.

1015. Rogozinski Helmut. 2001. *The Never Ending Story of **Mammillaria gasseriana / stella-de-tacubaya***. Journal of the Mamm. Society 41: 38-39.

1016. Rojas-Aréchiga Mariana & Vázquez-Yanes Carlos. 2000. *Cactus seed germination: a review*. Journal of Arid Environments 44: 85-104.

1017. Rojas-Sandoval Julissa. 2012. *Autopolinización facilitada por viento en **Harrisia portoricensis**: un mecanismo para asegurar la reproducción en una isla oceánica*. Bol. Soc. Latin. Carib. Cact. Suc. 9(3).

1018. *Romeiro-Brito Monique, M. Moraes Evandro, Taylor Nigel P., Zappi Daniela C. & Franco Fernando F. 2016. *Lineage-Specific Evolutionary Rate in Plants: Contributions of a Screening for **Cereus** (Cactaceae).* Applications in Plant Sciences 4 :1.

1019. *Romeiro-Brito Monique, Milena Cardoso Telhe, Danilo Trabuco Amaral, Fernando Faria Franco & Evandro Marsola Moraes. 2022. *A target Capture Probe Set Useful for Deep- and Shallow-Level Phylogenetic Studies in Cactaceae*. Genes 13(707): 1-15.

1020. *Romeiro-Brito Monique, Gulzar Khan, Manolo F. Perez, Daniela C. Zappi, Nigel P. Taylor, Gerardus Olsthoorn, Fernando F. Franco, Evandro M. Moraes. 2023. *Revisiting the phylogeny, systematics, and biogeography of a Pleistocene radiation*. doi: 10.1002/ajb2.16134

1021. *Romeiro-Brito Monique, Nigel P. Taylor, Daniela C. Zappi, Milena C. Telhe, Fernando F. Franco & Evandro M. Moraes. 2023b. *Unravelling phylogenetic relationships of tribe Cereeae using target enrichment sequencing*. The Authors. Published by Oxford University Press on behalf of the Annals of Botany Company.

1022. Römer R. Christian & Rischer Werner. 2003. *Beobachtungen an einem gemeinsamen Habitat von **E. scheeri** und **E. salm-dyckianus***. - EchinocereenFreund 16 (3): 51–69.

1023. Romo de Vivar. 2006. A. *Química de la Flora Mexicana*. Univ. Nac. Aut. México.

1024. Romulski Tomasz. 2019. ***Arthrocereus damazioi**: A new species from the past*. Kaktusy i Inne 11(2): 57-61.

1025. Rosas García Evelyn Marlen. 2010. *Efecto de la orientación preferencial sobre las estructuras reproductivas y vegetativas en **Myrtillocactus geometrizans***. Tesis de la autora en la Universidad Aut. Metropolitana Un. Iztapalapa.

1026. Rosas-Reinhold Isaura, Daniel Sánchez & Salvador Arias. 2022. *Systematic study and niche differentiation of the genus **Aporocactus** (Hylocereeae, Cactoideae, Cactaceae)*. Botanical Sciences 100 (2): 423-445.

1027. Rowley Gordon D. 1980. *Name that Succulent*. Stanley Thornes Publishers Ltd.

1028. Rowley Gordon D. 1997. *A History of Succulent Plants*. Strawberry Press, Mill Valley, California, USA.

1029. Rowley Gordon D. 2009. ***Rebutia** reappraised*. CactusWorld 27(2): 88-90.

1030. Rudzinski Holger. 2024. *William Bullock - Consequences from the analysis of his travel documentation – In the area around Metztitlán grows no **Mammillaria geminispina***. Mitteilungsbl. Arbeitskreises Mammillarienfr. 48(3): 122-151.

1031. Ruiz Adriana, Santos Mery, Cavelier Jaime & Soriano Pascual. 2000. *Estudio Fenológico de Cactáceas en el Enclave Seco de la Tatacoa, Colombia*. Biotropica. 32: 397-407.

1032. Ruiz-Domínguez Catalina, Andrew P. Vovides & Victoria Sosa. 2019. *Systematic relevance of pollen morphology in tribe Hylocereeae (Cactaceae)*. PhytoKeys 128: 121–140.

1033. Ruiz Vega Rosalba. 2013. *Distribución, Variación morfológica y Correlaciones Ecológicas de **Opuntia** Miller (Cactaceae) en Colombia*. Ed. Zenú, Univ. de Colombia, 112 pp.

1034. Sahley Catherine T. 1996. *Bat and hummingbird pollination of an autotetraploid columnar cactus, **Weberbauerocereus** ()*. American Journal of Botany 83 (10): 1329-1336.

1035. Saldivia Pérez Patricio & Faúndez Yancas Luis. 2011. *Nuevas combinaciones, una epitipificación y una corrección nomenclatural en **Thelocephala** (Cactoideae: Notocacteae): género endémico de Chile*. Gayana Bot. 68(2): 316-318.

1036. Samek Rene. 2012. *Cacti of Jamaica*. CactusWorld Vol. 30(3): 147-153.

1037. Sánchez Daniel, Arias Salvador & Terrazas Teresa. 2013. *Análisis morfométrico de las especies de **Echinocereus** sección Triglochidiati (Cactaceae) en México*. Brittonia 65 (3): 368-385.

1038. *Sánchez Daniel, Arias Salvador & Terrazas Teresa. 2014. *Phylogenetic Relationships in **Echinocereus** (Cactaceae, Cactoideae).* Systematic Botany 39(4): 1183-1196.

1039. Sánchez Daniel, Grego-Valencia Dalia, Terrazas Teresa & Arias Salvador. 2015. How and why does the areole meristem move in ***Echinocereus*** (Cactaceae)? Annals of Botany 115: 19-26.

1040. *Sánchez Daniel, Terrazas Teresa, Grego-Valencia Dalia & Arias Salvador. 2017. *Phylogeny in **Echinocereus** (Cactaceae) based on combined morphological and molecular evidence: taxonomic implications.* Systematics and Biodiversity 1-17.

1041. Sánchez Daniel, Arias Salvador, Vázquez-Sánchez Monserrat & Terrazas Teresa. 2019. *Combined Phylogenetic Analysis in **Echinocereus** (Cactaceae), the Use of Morphology, and Taxonomic Implications*.

1042. Sánchez Daniel, Gómez-Quintero David, Vargas-Ponce Ofelia, Carrillo-Reyes Pablo & Dávida-Artanda Patricia. 2020. *Species delimitation in the **Echinocereus pulchellus** complex (Cactaceae)*. Brittonia 72, 433–452.

1043. ***Sánchez Daniel, Balbina Vázquez-Benítez, Monserrat Vázquez-Sánchez, David Aquino & Salvador Arias**. 2022. *Phylogenetic relationships in **Coryphantha** and implications on **Pelecyphora** and **Escobaria** (Cacteae, Cactoideae, Cactaceae)*. PhytoKeys 188: 115-165.

1044. Sanchez-Mejorada Hernando. 1973. *The correct name of the Grenadier's cap*. Cact. & Succ. J. (US) 45(4): 171-174.

1045. Sánchez-Urdaneta Adrana Beatriz, Ciolys Beatriz Colmenares de Ortega, Jorge Ortega-Alcala, Gisela del Carmen Rivero-Maldonado, Darisol Lisbeth Pacheco-Rivera, Guillermo Antonio Sthormes-Méndez, Belkys Yasmin-Bra Medivo, Beatrix Beatriz, Vicky La Cruz -Moreno, Ernesto Suarez-Calleja, Betzabeth del Consuelo Gil, Dianelis del Carmen Sanchez-Urdaneta, Steve Simón Belzares-Barboza, Cecilia Beatriz Peña-Valdivia, Juan Antonio Reyes-Agüero, Yanira Maria Terán, Ramon Antonio D'Aubeternio, & Joël Lodé. 2022. *Cactaceae inventory of Venezuela: estimates from herbarium collections*. Haseltonia 29: 67-82.

1046. Santos-Granero Fernando & Barclay Frederica. 2002. *La Frontera domesticada: Historia económica y social de Loreto 1850-2000.* Pontificia Universidad Católica del Perú, Fondo Editorial.

1047. *Santos Marianna Rodrigues. 2013. *Filogenia Molecular, Taxonomia, Biogeografia e Conservação de **Discocactus** Pfeiff. (Cactaceae).* Thesis, Viçosa, Minas Gerais, Brazil.

1048. Santos Marianna Rodrigues, Machado Marlon C., Flávia García & Taylor Nigel P. 2015. *Taxonomic Adjustments in **Discocactus** (Cactaceae)*. Phytotaxa 207(2): 209-212.

1049. Sarnes Elisabeth, Sarnes Norbert & Kiesling Roberto. 2012a. ***Austrocactus ferrari** (Cactaceae) – der nördlichste Vertreter der Gattung **Austrocactus***. Kakteen. And. Sukk. 60(12): 327-333.

1050. Sarnes Elisabeth & Sarnes Norbert. 2012b. *Die Gattung **Austrocactus*** Kakteen. And. Sukk. 63(5): 113-126.

1051. Sarnes Elisabeth & Sarnes Norbert. 2015. ***Austrocactus** 2015.* Self-edited, 124pp.

1052. Sarnes Elisabeth & Sarnes Norbert. 2021. ***Pterocactus**, Jewels of the Cono Sur*. Self-edited, 84pp.

1053. Schaub Ingrid & Ricardo Keim. 2011. ***Copiapoa griseoviolacea***, a new ***Copiapoa*** species. Cactus & Co. 14 (4): 5-15 2010 (publ. Feb 2011).

1054. Schaub Ingrid & Ricardo Keim. 2016. ***Copiapoa fusca** and **C. corralensis**: Description of two New Species*. The Cactus Explorer 16: 42-52.

1055. Scheinvar Léia. 1985. *Flora Ilustrada Catarinense: Cactáceas*. Ed. Raulino Reitz, 383 pp.

1056. Scheinvar Léia. 1999. ***Opuntia albicarpa** Scheinvar, una nueva especie para la ciencia del Estado de México*. Revista del Jardín Botánico Nacional, Universidad de la Habana, Vol. 20: 167-169.

1057. Scheinvar Léia. 2004. *Flora Cactológica del Estado de Querétaro: Diversidad y Riqueza*. Fondo de Cultura Economica, México, 392pp.

1058. Scheinvar Léia, Clemente Gallegos Vázquez, Niza Gámez Tamariz & Gabriel Olalde Parra. 2020. *Atlas de los nopales silvestres mexicanos*. Universidad Nacional Autónoma de México, 607 pp.

1059. Schlindwein Clemens & Wittmann Dieter. 1997. *Stamen movements in flowers of **Opuntia** (Cactaceae) favor oligoletic pollinators*. Pl. Syst. Evol. 204: 179-193.

1060. Schlosser Hugo. 1980. *In Memoriam Prof. Dr. Wilhelm Herter*. Kakt. u.a. Sukk. 31(9): 272-273.

1061. Schlueter Robert E. 1938. *Frederick Adolphus Wislizenus (1810-1889), Pioneer Meteorologist, Physician and Natural Scientist*. Isis, 28(1): 38-52.

1062. Schlumpberger Boris O., Jux Andreas, Kunert Maritta, Boland Wilhelm & Wittmann Dieter. 2004. *Musty-earthy scent in cactus flowers characteristics of Floral Scent production in Dehydrogeosmin-producing Cacti.* Int. J. Plant Sci. 165(6):1007–1015.

1063. Schlumpberger Boris O., Clery R. A., & Barthlott Wilhem. 2006a. *A Unique Cactus with Scented and Possibly Bat-Dispersed Fruits:* ***Rhipsalis juengeri***. Plant Biol. 8: 265-270.

1064. Schlumpberger Boris O. 2006b. *Floral evolution in* ***Echinopsis*** *s.l. and implications on the taxonomy of the genus*. IOS congress Zürich.

1065. Schlumpberger Boris O. & Raguso Robert A. 2008. *Geographic variation in floral scent of* ***Echinopsis ancistrophora*** *(Cactaceae); evidence for constraints on hawkmoth attraction*. Oikos 117: 801-814.

1066. Schlumpberger Boris O., Andrea A. Cocucci, Marcela Moré, Alicia N. Sérsic & Robert A. Raguso. 2009. *Extreme variation in floral characters and its consequences for pollinator attraction among populations of an Andean cactus*. Annals of Botany 103: 1489-1500.

1067. *Schlumpberger Boris O. & Renner Susanne S. 2012. *Molecular phylogenetics of* ***Echinopsis*** (*Cactaceae*): *Polyphyly at all levels and convergent evolution of pollination modes and growth forms*. Am. J. Bot. 99: 1335-1349.

1068. Schlumpberger Boris O. 2012b. *New Combinations in the* ***Echinopsis*** *alliance*. Cact. Syst. Init. 28: 31.

1069. Schlumpberger Boris 2021. *Revisions of* ***Acanthocalycium, Echinopsis, Leucostele, Lobivia, Reicheocactus, Setiechinopsis, Soehrensia, Trichocereus***. – In: **Korotkova Nadia** *et al.*, *Cactaceae at Caryophyllales.org - a dynamic online species-level taxonomic backbone for the family.* Willdenowia 51: 251–270.

1070. Schneckenburger Stefan. 2001. *Carl Albert Purpus (1851-1941). Ein deutscher Pflanzensammler in Amerika*. Darmstadt, ISBN: 388607126X.

1071. Schulze-Rojas Juan Pablo. 2004. *Elaboración de una Guía Ilustrada en Honduras*. Proyecto de Graduación del Programa de Ingeniería en Desarrollo Socioeconómico y Ambiente. Escuela Agrícola Panamericana. Honduras. 71pp.

1072. Schulz Rudolf & Machado Marlon. 2000. ***Uebelmannia*** *and Their Environment*. Schulz Publishing, Australia, 160p.

1073. Schweich Daniel. 2015. *Le genre* ***Lobivia*** *Britton & Rose en 2013.* https://www.cactuspro.com/articles/le-genre-lobivia Last consultation: 17.04.2021.

1074. Secorun Alan C. & Souza Luiz Antonio. 2011. *Morphology and anatomy of* ***Rhipsalis cereuscula, Rhipsalis floccosa*** *subsp.* ***hohenauensis*** *and* ***Lepismium cruciforme*** *(Cactaceae) seedlings*. Rev. Fr. Mex. Biodiv. [online]. 2011, vol.82, n.1, pp.131-143. ISSN 2007-8706.

1075. *Segura Sergio, Leia Scheinvar, Gabriel Olalde, Olivier Leblanc, Santiago Filardo, Alfonso Muratalla, Clemente Gallegos & C. Flores. 2007. *Genome sizes and ploidy levels in Mexican cactus pear species* ***Opuntia*** *(Tourn.) Mill. series Streptacanthae Britton et Rose, Leucotrichae DC., Heliabravoanae Scheinvar and Robustae Britton et Rose*. Genetic Resources and Crop Evolution 54: 1033-1041.

1076. Shalabi Lamiaa F. 2015. *On the taxonomy of Cactaceae Juss. by the evidence of seed micromorphology and SDS-page analysis*. European Journal of Botany, Plant Sciences and Phytology 2, 1-15.

1077. Sharma Prashant P., Clouse Ronald. M., & Wheeler Ward. C. 2016. *Hennig's semaphoront concept and the use of ontogenetic stages in phylogenetic reconstruction*. Cladistics, 33(1): 93-108. doi:10.1111/cla.12156

1078. Shaw Joseph, Nancy Hussey, David J. Ferguson. 2018. ***Opuntia cacanapa*** 'Ellisiana'. Cactus Explorer 22: 24-25.

1079. Shaw Joseph. 2025. ***Opuntia alta*** *Griffiths – synonyms and description (Cactaceae, Opuntioideae)*. Bradleya 43: 92-98.

1080. Shields, O. 1988. *Mesozoic history and neontology of Lepidoptera in relation to Trichoptera, Mecoptera, and angiosperms*. Journal of Paleontology 62: 251-258.

1081. Shurly Ernest W. 1948. *An International Society*. Cactus & Succulent Journal of Great Britain vol. 10 : 20.

1082. Shurly Ernest W. 1949. ***Mammillaria rhodantha***. Cactus & Succulent Journal of Great Britain vol. 11 : 88-91.

1083. Sierra Rubén. 2010. *Contribución del Dr. César Vargas Calderón a la Botánica en el Sur del Perú*. Cinchonia 10(1): 119-123.

1084. Silva A.R. Gislaine, Jojima Cecília L., Moraes Evandro M., Antonelli Alexandre, Manfrin Maura H., Franco, Fernando F. 2016. *Intra and interspecific sequence variation in closely related species of* ***Cereus*** *(CACTACEAE)*. 65:137-142.

1085. Silveira Sylvia R., Dornelas Marcelo C. & Martinelli Adriana P. 2016. *Perspectives for a Framework to Understand Aril Initiation and Development*. Front. Plant Sci. 7:1919. doi: 10.3389/fpls.2016.01919

1086. Simenel Romain. 2023. De l'hybride à l'espèce. La forme du vivant, de Léonard de Vinci à nos jours. Ed. Presses Universitaires de France, Paris, 309pp.

1087. Šnicer Jaroslav, Bohata Jaroslav & Myšák Vojtěch. 2008. ***Lophophora alberto-vojtechii,*** *J. Bohata, V. Mysak & J. Šnicer: una nuova preziosa miniatura nel genere* ***Lophophora*** */ An exquisite new miniature from the genus* ***Lophophora***. Cactus & Co. 2(12): 106-117.

1088. Snopka Mário. 2017. ***Loxanthocereus acanthurus***. Kaktusy 50(1): 18-20.

1089. Soffiatti Patricia & Angyalossy Veronica. 2007. *Anatomy of Brazilian Cereeae (subfamily Cactoideae, Cactaceae): **Arrojadoa** Britton & Rose, **Stephanocereus** A. Berger and **Brasilicereus** Backeberg*. Acta Bot. Bras. 21(4) 813-822.

1090. *Solano Juan Porfirio, Alvarado Cano María Elisa, Hernández Ricardo Gaspar. 2005. *Diversidad genética en pitahaya (**Hylocereus undatus** Haworth. Britton & Rose).* Rev. Fitotecnia Mex. 28(3)179-185.

1091. Soller André, Patrícia Soffiatti, Alice Calvente & Renato Goldenberg. 2014. *Cactaceae no estado do Paraná, Brasil.* Rodriguésia 65(1): 201-219.

1092. Spae Dieudonné 1858. *Notice biographique sur A. Donkelaar*. Gand, 3-11.

1093. Springer Adam C., Don E. Swann & Michael A. Crimmins. 2015. *Climate change impacts on high elevation saguaro range expansion*. Journal of Arid Environments 116: 57-62.

1094. Stanley R.E. 2008. *The Series **Mammillaria** (Macrothelae) in Northwestern Mexico – The progress so far*. Journal Mammillaria Society 48(1): 72-75.

1095. Stock A. Dean, Lee Kipp, Wellard Blake & Spallone Patricia. 2023. *New Nomenclatural Combinations and Types for Cactaceae in Utah*. Haseltonia 30(1): 6-13.

1096. Strittmatter Lara I., Vivian Negrón-Ortiz, James Hickey. 2002**.** *Subdioecy in **Consolea spinosissima** (Cactaceae): breeding system and embryological studies**.*** Am. J. Bot. 89(9): 1373-1387.

1097. Stuppy Wolfgang & Taylor Nigel P. 1989. *A new variety of **Ariocarpus fissuratus*** (Cactaceae). Bradleya 7: 84-88.

1098. Stuppy Wolfgang. 2002. *Seed characters and the classification of the Opuntioideae*. In: Hunt D. & Taylor N. (eds) Studies in the Opuntioideae (Cactaceae). Succulent plant research 6: 25-58.

1099. Stuva Aldo Ceroni, Castro Cepero Viviana, Teixeira Roth Vanessa & Redolfi Pivatto Inés. 2007. ***Neoraimondia arequipensis** subsp. **roseiflora** (Werdermann & Backeberg) Ostolaza (Cactaceae): Eje de las interacciones en ecosistemas áridos*. Ecología Aplicada, 6(1,2).

1100. Sutton, Kari, John T. Baccus & Max S. Traweek. 1997. "*Habitat of **Ancistrocactus tobuschii** (Tobusch Fishhook Cactus, Cactaceae) on the Edwards Plateau of Central Texas*". The Southwestern Naturalist 42 (4). Southwestern Association of Naturalists: 441–45.

1101. Swales G.J. 1975. *Studies in the genus **Gymnocalycium***. Durham theses, Durham University. Available at Durham E-Theses Online: http://etheses.dur.ac.uk/8889/

1102. Tan Elisabeth Ann. 2015. T*he phylogeography and cytogenetics of **Rhipsalis baccifera**: the cactus that made it to the Old World*. Theses, Dissertations, and Projects. 1679, 71 pp.

1103. *Tapia Héctor J., Bárcenas-Argüello María Luisa, Terrazas Teresa & Arias Salvador. 2017. *Phylogeny and Circumscription of **Cephalocereus** (Cactaceae) Based on Molecular and Morphological Evidence*. Systematic Botany 42(4): pp. 1–15.

1104. Tapia Héctor J., Arias Salvador, Yáñez-Espinosa Laura & Terrazas Teresa. 2016. *El uso de espinas del tallo en la identificación de las especies de **Neobuxbaumia** (Cactaceae)*. Revista Mexicana de Biodiversidad 87: 288-300.

1105. Tapia Héctor J., Salvador Arias, Juan J. Morrone, Patricia Dávila. 2023. *Phylogenetic and geographic diversification /differentiation as an evolutionary avenue in the genus **Cephalocereus** (Cactaceae)*. https://doi.org/10.21203/rs.3.rs-2481800/v1 25 pp.

1106. Tarifa Teresa. 2014. *Historia de la mastozoología en Bolivia*. En Historia de la mastozoología en América Latina, las Guayanas y el Caribe (J Ortega, JL Martínez y DG Tirira, eds.). Ed. Murciélago Blanco y Asociación Ecuatoriana de Mastozoología, Quito y México, DF., pp. 69-106.

1107. Taylor Nigel P. 1978. *Review of the genus **Escobaria** B. & R*. Cact. Succ. J. Gr. Brit. 40: 31-37.

1108. Taylor Nigel P. 1979. *Notes on **Ferocactus** Britton & Rose*. Cact. Succ. J. Gr. Brit. 41: 88-94.

1109. Taylor Nigel P. 1983a. ***Thelocactus beguinii** N.P.Taylor nom. nov*. Bradleya 1: 113.

1110. Taylor Nigel P. 1983b. *Comments on proposal 673 to conserve 5408 **Stenocactus** (Schumann) Berger (1929) over various generic names (Cactaceae)*. Taxon 32: 641-643.

1111. Taylor Nigel P. 1983c. A Commentary on ***Copiapoa***. Cact. Succ. J. Gr. Brit. 43: 49-60.

1112. Taylor Nigel P. **& Clark**, J.Y. 1983. *Seed-morphology and classification in **Ferocactus** subg. **Ferocactus***. Bradleya 1: 3-16.

1113. Taylor Nigel P. 1984. *A review of **Ferocactus** Britton & Rose*. Bradleya 2: 19-38.

1114. Taylor Nigel P. 1985. *The Genus **Echinocereus**, A Kew Magazine Monograph*. Collingridge Books 160 pp. (in association with The Royal Botanic Gardens, Kew).

1115. Taylor Nigel P. 1986. *The identification of **Escobarias** (Cactaceae)*. Brit. Cact. Succ. J. 4:36–44.

1116. Taylor Nigel P. **& Zappi Daniela C.** 1989. *An alternative view of generic delimitation and relationships in tribe Cereeae (Cactaceae)*. Bradleya 7: 13-40.

1117. Taylor Nigel P. & Zappi Daniela C. 1990. *Brief notes on **Leocereus** Britton & Rose*. Bradleya 8: 107-108.

1118. Taylor Nigel P. 1991a. *Proposal to conserve 5401a **Arthrocereus** (A. Berger) A. Berger (Cactaceae) with a new type*. Taxon 40: 660-662.

1119. Taylor Nigel P. 1991b. *The genus **Melocactus** (Cactaceae) in Central and South America*. Bradleya 9: 1–80.

1120. Taylor Nigel P. & Zappi Daniela C. 1991c. *Cactaceae do Vale do Rio Jequitinhonha (Minas Gerais)*. Acta bot. Bras. 5(1): 63-69.

1121. Taylor Nigel P. **& Iliff**, J. 1996. *Nomenclatural notes on Andean Opuntioideae (Cactaceae)*. Bradleya 14: 17-19.

1122 Taylor Nigel P. 1999. *The splitter's guide to **Echinocereus***. Cactaceae Consensus Initiatives 7: 21-29.

1123. Taylor Nigel P. 2000. *Taxonomy and Phytogeography of the Cactaceae of Eastern Brazil*. Thesis, Life Sciences, Open Urniversity, 415 pp.

1124. Taylor Nigel. P. & Zappi Daniela. 2004. *Cacti of eastern Brazil*. Royal Botanic Gardens, Kew. 499pp.

1125. Taylor Nigel. P. 2005. *Notulae Systematicae Lexicon Cactacearum Spectantes VI*. Cact. Syst. Init. 20: 12.

1126. Taylor Nigel, Marcos Vinicius Meiado, Eronides Bravo Filho & Daniela Zappi. 2014. *A new **Melocactus** from the Brazilian state of Sergipe*. Bradleya 32: 99-104.

1127. Taylor Nigel. P. & Andreas Hofacker. 2017. ***Rhipsalis agudoensis*** – a mystery solved. Bradleya 35: 248-251.

1128. Taylor Nigel. P. & Zappi Daniela. 2018. *Additions and Correction to 'Cacti of Eastern Brazil'*. Bradleya 36: 2-21.

1129. Taylor Nigel. P., Daniela MG Oliveira, L. Oliveira Azevedo, João Renato Stehmann & Marlon Machado. 2018a. ***Micranthocereus oliveirae** P.J. Braun = **M. aureispinus** Ritter (Cactaceae)*. Bradleya, 36:173-175.

1130. Taylor Nigel P., Daniela C. Zappi, Gerardus Olsthorn, Martin Lowry & Fabrice de Oliveira Pereira. 2023. *Additions and corrections to the Cacti of Eastern Brazil (3)*. Bradleya 41: 117-138.

1131. Taylor Nigel P., Daniela C. Zappi & Afonso Maria of Ligorio St. Ana. 2024. ***Arrojadoa luetzelburgioides**, a new species allied to A. multiflora (Cactaceae) and a key to the recently expanded genus*. Bradleya 42: 29-38.

1132. Taylor Nigel P., Daniela C. Zappi, Martin Lowry & Sizinando Albuquerque-Lima. 2024. *Additions and corrections to the Cacti of Eastern Brazil (4)*. Bradleya 42: 86-114.

1133. Taylor Nigel P., Milena C. Tehle, Gerardus Olsthoorn, Martin Lowry, Fabricio de Oliveira Pereira & Daniela C. Zappi. 2025. *A taxonomic update for **Melocactus** in Eastern Brazil).* Bradley 43:99–119.

1134. *Teles de Menezes Marcelo Oliveira & Lânia Isis Ferreira Alves. 2024. *Uma nova espécie tetraplóide de **Tacinga** (Cactaceae) do Ceará, Nordeste do Brasil*. Rodriguesia 75: 14pp.

1135. *Tel-Zur Noemi, Shahal Abbo, Bar-Zvi Dudy & Mizrahi Yosef. 2004. *Genetic relationships among **Hylocereus** and **Selenicereus** vine cacti (Cactaceae): evidence from hybridization and cytological studies*. Annals of Botany 94: 527-534.

1136. *Tel-Zur Noemi, Mizrahi Yosef, Cisneros A., Mouyal J., Schneider B. & Doyle J.J. 2004. *Phenotypic and genomic characterization of vine cactus Collection (Cactaceae)*. Springer Science & Business Media B.V.

1137. Terrazas Teresa. 2000. *Filogenia de las cactáceas columnares (Pachycereeae) con base en caracteres anatómico-morfológicos*. Colegio de Postgraduados. Instituto de Recursos Naturales. Informe final Snibconabio proyecto No. L074. México, D.F.

1138. Terrazas Teresa, Arias Salvador. 2002. *Comparative stem anatomy in the subfamily Cactoideae*. The Botanical Review.

1139. Terry Martin K. 2007. *A tale of two cacti*: *studies in **Astrophytum asterias** and **Lophophora williamsii.*** Doctoral dissertation, Texas A&M University.

1140. Terry Martin K., Pepper Alan E., Strong Anna W., Tarin Daniel M., Price Dana M., Manhart James R. 2012. *Genetic Structure Of A Population Of The Endangered Star Cactus* (***Astrophytum asterias**) In Southern Texas*. Southwestern Naturalist, June 2012, Vol. 57(2): 182-188.

1141. *Thompson Jamie B., Tania Hernández-Hernández, Georgia Keeling, Marilyn Vásquez-Cruz & Nicholas K. Priest. 2024. *Identifying the multiple drivers of cactus diversification*. Nature Communications. https://doi.org/10.1038/s41467-024-51666-2

1142. Thomson Georges. 2002. *A re-evaluation of the taxonomic status of the genus **Melocactus** in Aruba, Netherlands Antilles*. Bradleya 20: 29-44.

1143. Thomson Georges. 2005. *A revision of the genus **Melocactus** in Curaçao and Bonaire, Netherlands Antilles, with an illustration of the neotype of **M. macracanthos***. Bradleya 23: 79-96.

1144. Thomson Georges. 2013. ***Melocactus** the genus in Aruba, Bonaire and Curaçao*. Self. Ed., 71 pp.

1145. Tinoco Espino Alma Rosa. 2002. *Genética de poblaciones y domesticación de **Escontria chiotilla** en el Valle de Tehuacán, Puebla.* UNAM, México.

1146. Tjaden Will L. 1982. *Proposal to conserve 5408 **Stenocactus***. Taxon 31: 570-573.

1147. Todzia Carol A. 1989. *Augustus Fendler's Venezuelan Plant Collections.* Annals of the Missouri Botanical Garden, 76(1): 310-329.

1148. Torres-Colín Rafael, J. Gilberto Parra, Lucero A. de la Cruz, Miriam P. Ramírez, Carlos Gómez-Hinostrosa, Rolando T. Bárcenas & Héctor M. Hernández. 2017. *Vascular flora of the Guadalcázar municipality and vicinity, San Luis Potosí, México*. Mexican Journal of Biodiversity 88: 524-554.

1149. Trivelli Jolly Miguel Angel. 2014. *Alcances sobre la Familia Cactaceae en Chile*. Servicio Agrícola y Ganadero, División de Protección de los Recursos Naturales Renovables, Subdepto. de Vida Silvestre, 1-22.

1150. Tschapka Marco, von Helversen Otto & Barthlott Wilhem. 1999, *Bat pollination of **Weberocereus tunilla**, an epiphytic rain forest cactus with functional flagelliflory*. Plant Biology 1: 554–559.

1151. Tun Tun Christian Emmanuel. 2017. *¿A qué rayos juegan los taxónomos? Los cambios nomenclaturales son una necesidad, no un capricho*. Centro de Investigación Científica de Yucatán, A.C. ISSN: 2395-8790, 110-114.

1152. Turland Nicholas. 2019. *The Code Decoded. A user's guide to the International Code of Nomenclature for algae, fungi, and plants (Second edition)*. Pensoft Publishers, 196 pp.

1153. U.S. Fish and Wildlife Service. 1994. ***Leptocereus grantianus** Recovery Plan*. U.S. Fish and Wildlife Service, Atlanta, Georgia. 18 pp.

1154. Valdez Marroquín Mario Albert. 2013. *The True Story of **Aztekium valdezii***. Cact.-Adv. Int. 100(4): 2-7.

1155. Valiente Banuet Alfonso, Casas Alejandro, Alcántara Ariel, Dávila Patricia, Flores Hernández Noe, Arizmendi María del Coro, Villaseñor José Luis & Ortega Ramírez José. 2011. *La Vegetación del Valle de Tehuacán-Cuicatlán*. Boletín de la Sociedad Botánica de México (México) 67.

1156. Válka Alves Ruy José, Gabriel Uriel Cruz Araújo, Lúcia de Fátima Pangaio Seda, Vanda de Cássia Rodrigues Maia, Carlos Wagner de Oliveira, Leandro Soares Martins, Marcelo Vianna, Simone Petrucci Conceição, Verônica Maioli Azevedo & Bruno Cardoso Lopes. 2007. *Disjunções em **Arthrocereus melanurus** (Cactaceae)*. Revista Brasileira de Biociências, Porto Alegre 5(2): 429-431.

1157. Valverde Pedro Luis, José Alejandro Zavala-Hurtado, Cecilia Jiménez-Sierra, Beatriz Rendón-Aguilar, Amelia Cornejo-Romero, Sombra Rivas-Arancibia, Gerardo López-Ortega and Marco Aurelio Pérez-Hernández. 2009. *Assessment of extinction risk of **Mammillaria pectinifera**, an endemic cactus of the Tehuacán-Cuicatlán region*. Mexican Journal of Biodiversity 80: 219-230.

1158. Van der Meer Maarten H.J. 2019. *A New Name for **Cereus haitiensis** A.R.Franck & Peguero (Cactaceae)*. Cactologia Phantastica 4(2): 13-15.

1159. Van der Meer Maarten H.J. 2021. *Four New Combinations in Cactaceae*. Cactologia Phantastica, 1(4), 1.

1160. Van der Meer Maarten H.J. 2022. *The Subspecies of Life: 34 Names at New Rank in **Copiapoa, Cylindropuntia, Echinocereus, Eriosyce, Mammillaria, Opuntia, Turbinicarpus** and **Trichocereus** (Cactaceae)*. Cactologia Phantastica 1(1)-02.III, 7pp.

1161. Van Devender Thomas. R., Felger Richard S., Fishbein Mark, Molina-Freaner Francisco, Sánchez-Escalante Jesús & Reina-Guerrero Ana Lilia. 2010. *Biodiversidad de las plantas vasculares*. Diversidad Biológica de Sonora, UNAM, Mexico, pp. 229-261.

1162. Vargas Barragán Mario E. 2003. *Albert V. Frich. El explorador desconocido del Chaco*. 19 pp.

1163. *Vargas-Luna Mario D., Patricia Hernández-Ledesma, Lucas C. Majure, Raúl Puente-Martínez, Héctor M. Hernández Macías, Rolando T. Bárcenas Luna. 2018. *Splitting **Echinocactus**: morphological and molecular evidence support the recognition of **Homalocephala** as a distinct genus in the Cacteae*. PhytoKeys 111: 31–59.

1164. Vargas-Vázquez Victor Abraham & Jose Guadalupe Mártinez-Avalos. 2011. *Registro de una nueva localidad para **Coryphantha nickelsiae** (K. Brandegee) Britton & Rose*. Cact. Suc. Mex. 56(2): 36-44.

1165. Vásquez Roberto. 1994. *Nueva especies del género **Frailea**.*Rev. de la Soc. de Estudios Botánicos 1(1): 5-8.

1166. Vázquez-Benítez Balbina, Salvador Arias, Armando Cervantes-Sandoval. 2016. *Variación morfológica de **Coryphantha** (Cactaceae) : un enfoque multivariado. Acta Botanica Mexicana* 116: 21-47.

1167. *Vázquez-Lobo Alejandra, Gisela Aguilar Morales, Salvador Arias, Jordan Golubov, Tania Hernández-Hernández, & María C. Mandujano. 2015. *Phylogeny and biogeographic history of **Astrophytum** (Cactaceae)*. Systematic Botany, 40(4).

1168. Vázquez-Sánchez Monserrat, Terrazas Teresa, Grego-Valencia Dalia, & Arias Salvador. 2005. *Morfología y anatomía del cefalio de **Cephalocereus senilis** (Cactaceae).* Anales del Jardín Botánico de Madrid 62(2): 153-161.

1169. *Vázquez-Sánchez Monserrat, Terrazas Teresa, Arias Salvador. & Ochoterena Helga. 2013. *Molecular phylogeny, origin and taxonomic implications of the tribe Cacteae (Cactaceae).* Systematics and Biodiversity, 11: 1, 103-116.

1170. Vázquez-Sánchez Monserrat, Terrazas Teresa & Arias Salvador. 2015. *Comparative morphology and anatomy of **Backebergia militaris** (Echinocereeae–Cactaceae) cephalium.* Plant Systematics and Evolution DOI: 10.1007/s00606-015-1256-4.

1171. *Vázquez-Sánchez Monserrat, Terrazas Teresa & Arias Salvador. 2017. *Growth form and wood evolution in the tribe Cacteae (Cactaceae)*. Willdenowia 47: 49-67.

1172. * Vázquez-Sánchez Monserrat, Sánchez Daniel, Terrazas Teresa, De la Rosa Tilapa Alejandro & Arias Salvador. 2019. *Polyphyly at the iconic cactus genus **Turbinicarpus** (Cactaceae) and its generic circumscription*. Bot. J. Linnean Soc. 190: 405-420.

1173. Vega Hermes Leonel, Olvin Oyuela, Maryury Alemán, Carlos Gómez Hinostrosa & Héctor M. Hernández. 2023. *A New Species of **Acanthocereus** (Cactaceae) from Honduras.* Mexican Botanical Act. 130: e2233.

DOI: https://doi.org/10.21829/abm130.2023.2233

1174. Velazco Macías Carlos Gerardo, Alvarado Vázquez Marco Antonio & Arias Montes Salvador. 2013. *A new species of **Aztekium** (Cactaceae) from Nuevo León, Mexico.* Xerophilia, Special Issue no 2, Aug. 26 p.

1175. Velásquez Roger, Véliz José y Bello Jesús. 2013. P*roducción de frutos prolíficos en **Cylindropuntia caribaea** (Britton & Rose) F.M.Knuth en Backeb. & F.M.Knuth (cactaceae) como estrategia reproductiva*. Sabre, Universidad de Oriente, Venezuela. 25 (2): 160-165.

1176. Véliz Pérez, Mario E. 2007. *Las Cactáceas de Guatemala*. M. Véliz, BIGU, Univ. de San Carlos de Guatemala.

1177. Véliz Pérez, Mario E. 2008. ***Myrtillocactus schenckii** (Purpus) Britton & Rose, a New Record for Guatemala*. Cact.-Adv. Int. 79: 29-32.

1178. Véliz Pérez, Mario E. 2009. *Redécouverte de **Lemaireocereus lepidanthus** (Eichlam) Arias & Terrazas du Guatemala*. Cact.-Av. Int. 83.

1179. Véliz Pérez Mario E. 2011. ***Hylocereus minutiflorus** Britton & Rose (Cactaceae), une espèce endémique d'Amérique Centrale*. Cact.-Av. Int. 92: 2-9.

1180. Véliz Pérez Mario Estebán, Luis Eduardo Velásquez Méndez & Raúl Puente. 2014. ***Disocactus lodei**, a new Cactaceae from Guatemala*. Cact.-Adv. Int. 104(2): 2-7.

1181. Vích Jaroslav. 2020. ***Wigginsia gladiata** n.n*. Kaktusy 1: 12-15.

1182. *Villalobos-Barrantes Heidy M., Meriño Beatriz M., Walter Helmut E. & Guerrero Pedro C. 2022. *Independent evolutionary lineages in a globular cactus species complex reveal hidden diversity in a Central Chile biodiversity hotspot*. Genes 13(2): e240. https://doi.org/10.3390/genes13020240

1183. Villalobo-Lopez Angelica, Carol M. Peña, Antonio Varas-Myrik, Michiel Pillet, Paulina Jahnsen, Patricio Pliscoff, Bárbara Goettsch & Pablo C. Guerrero. 2024. *Effects of trade and poaching pressure on extinction risk for cacti in the Atacama Desert*. Conservation Biology. 2024;38:e14353. 13 pp.

1184. Vincent Michael A. 2007. ***Harrisia brookii** Brittons (Cactaceae) found on Eleuthera.* Bahamas Naturalist & Journal of Science 2(2): 61-62.

1185. Vite González, F. y J. A. Zavala Hurtado. 1998. *Estatus ecológicos de **Mammillaria pectinifera** Weber y **Pachycereus fulviceps** Weber en el Valle de Zapotitlán, Puebla*. Universidad Autónoma Metropolitana-Iztapalapa. División de Ciencias Biológicas y de la Salud. Informe final SNIB-CONABIO proyecto No. G022. México D. F.

1186. Vite Fernando, Portilla Enrique, Zavala-Hurtado Alejandro, Valverde Pedro Luis & Díaz-Solís Amaury. 1996. *A natural hybrid population between **Neobuxbaumia tetetzo** and **Cephalocereus columna-trajani** (Cactaceae)*. Journal of Arid Environments 32: 395–405.

1187. *Wallace Robert S. 1995. *Molecular systematic study of the Cactaceae: Using chloroplast DNA variation to elucidate cactus phylogeny*. Bradleya 13: 1-12.

1188. *Wallace Robert S. & Cota H. 1996. *An intron loss in the chloroplast gene rpoC1 supports a monophyletic origin for the subfamily Cactoideae of the Cactaceae*. Curr. Genet. 29: 275–281.

1189. *Wallace Robert S. & Prezler Trent L. 1997. *Lack of Molecular Variation in **Mila** Br. & R. Supports its Recognition as a Monotypic Genus*. IOS bull. 6:3 22.

1190. *Wallace Robert S. 2002. *The phylogeny and systematics of columnar cacti: An Overview*. In: T. H. Fleming & A. Valiente-Banuet (eds), Columnar Cacti and Their Mutualists. Univ Arizona Press.

1191. *Wallace Robert S. & Dickie Steven L. 2002. *Systematic implications of chloroplast DNA sequence variation in the Opuntioideae*. In: Hunt D. & Taylor N. (eds), Studies in the Opuntioideae (Cactaceae). Succulent Plant Research 6: 9-24.

1192. Wallace Robert S. & A. C. Gibson. 2002. *Evolution and systematics*. In: Cacti biology and uses, P. S. Nobel (ed.). University of California Press, Berkeley, CA. p. 1–21.

1193. Walter Helmut & Mächler Wendelin. 2006. *Rearrangements in the systematics of **Eriosyce napina** (Philippi) Kattermann (Cactaceae)*. CactusWorld 24:135-143.

1194. Walter Helmut E. 2008. Floral *biology, phytogeography and systematics of **Eriosyce** subgenus **Neoporteria** (Cactaceae)*. Bradleya 26: 75-98.

1195. Walter Helmut E. 2011. *Typification of **Copiapoa conglomerata** (Phil.) Lembcke*. Cactus World 29 : 103 – 104.

1196. *Walter Helmut E. & Guerrero Pablo C. 2022. *Towards a unified taxonomic catalogue for the Chilean cacti: assembling molecular systematics and classical taxonomy*. Phytotaxa 550 (2): 079-098.

1197. *Walter Helmut E., Arón Cádiz-Véliz, Beatriz M. Meriño, Heidy M. Villalobos-Barrantes & Pablo C. Guerrero. 2024. *Taxonomic dissection based on molecular evidence of the **Eriosyce curvispina** complex (Cactaceae): identifying nine endemic species from Central Chile*. PhytoKeys 237:117-139.

1198. Walters M., Figueiredo E., Crouch N.R., Winter P.J.D., Smith G.F., Zimmermann H.G., Mashope B.K. 2011. *Naturalised and invasive succulents of southern Africa*. Abc Taxa, 11, Bruges, Belgium, 370 pp.

1199. *Wang Ning, Ya Yang, Michael J. Moore, Samuel F. Brockington, Joseph F. Walker, Joseph W Brown, Bin Liang, Tao Feng, Caroline Edwards, Jessica Mikenas, Julia Olivieri, Vera Hutchison, Alfonso Timoneda, Tommy Stoughton, Raúl Puente, Lucas Majure, Urs Eggli, & Stephen A. Smith. 2019. *Evolution of Portulacineae marked by gene tree conflict and gene family expansion associated with adaptation to harsh environments*. Molecular Biology and Evolution 36(1): 112-126.

1200. Watson, John M. 2006a. *How to cite Botanical Authors, with Particular Reference to the Cactaceae*. Gayana. Botánica, 63(1): 119-122.

1201. Watson John M. 2006b. *Validation of some recent Chilean taxonomic novelties in **Eriosyce** Phil. (Cactaceae)*. Gayana Bot. 63(1): 123-125.

1202. Weber Frédéric Albert Constantin. 1904. *Les Cleistocactus.* Bulletin Mensuel de la Societe Centrale d'Agriculture, d'Horticulture et d'Acclimatation de Nice et des Alpes-Maritimes 44: 47.

1203. Wellard Blake. 2016. *A New Ancestral Diploid Species of **Echinocereus** (Cactaceae) Endemic from Southwestern Utah and Northwestern Arizona (USA)*. Journal of the Botanical Research Institute of Texas 10(2) 345-359.

1204. Wendelken Peter & Martin Robert. 1988. *Avian Consumption of the Fruit of the Cacti **Stenocereus eichlami** and Pilosocereus maxonii in Guatemala.* The American Midland Naturalist, 119(2): 235-243.

1205. Weneger Franz. 2016. Barth in Nationalsozialismus (ed. KFVR).

1206. Werner Michael. 2011. *Stiftungsstadt und Bürgertum: Hamburgs Stiftungskultur vom Kaiserreich bis in den Nationalsozialismus*. Oldenbourg Verlag, München, 500pp.

1207. Weskamp Walter. 1981. *Die Parodien in Nord-Argentinien. Expedition des Ehepaares Piltz zwischen 1976 und 1980.* Kakteen und Anderen Sukkulenten, 8: 182-185.

1208. Weskamp Walter. 1987. *Die Gattung **Parodia***. Ed. W. Weskamp, Kiel.

1209. Whaley Oliver Q., Orellana Alfonso, Pérez Evelyn, Tenorio Mario, Quinteros Félix, Mendoza Marco, & Pecho Octavio. 2010. *Plantas y Vegetación de Ica, Perú – Un recurso para su restauración y conservación.* Royal Botanic Gardens, Kew.

1210. Wiggins Ira l. & Porter Duncan. 1971. *Flora of the Galápagos Islands*. Stanford Univ. Press, 1020 pp.

1211. Wille A. & Chandler L. C. 1964. *A new stingless bee from the tertiary amber of the Dominican Republic (Hymenoptera; Meliponini)*. Rev. Biol. Trop., 12(2): 187-195.

1212. Wilson, Michael F. 2007. *Medicinal Plant Fact Sheet: **Opuntia**: Prickly Pear Cactus*. A collaboration of the IUCN Medicinal Plant Specialist Group, PCA-Medicinal Plant Working Group, and North American Pollinator Protection Campaign. Arlington, Virginia.

1213. Wisnev Michael A. 2018. ***Arecesocereus**, a New Subgenus of **Cereus**.* Cactus and Succulent Journal (US), 90(3):222-223.

1214. Wisnev Michael A. & Mottram Roy. 2023. *Nomenclatural Note: An Update on **Leptocereus***. Haseltonia 30(1): 49-57.

1215. Witt N.H. 1908. *The State of Amazona and its Rubber Forests*. s.n., London, 30pp.

1216. Wittner Holger. 2012. *Eine Neue **Browningia** aus dem Tal des Rio Utcubamba in Nordperu*. Kakt. u.a. Sukk. 63(10): 267-274.

1217. Wittner Holger. 2012a. ***Matucana myriacantha** and **M. comacephala** are different species*. The Cactus Explorer 4(5): 50-57.

1218. Wittner Holger. 2020. *Notes about some **Browningia** species in northern Peru*. Bradleya 38: 51-58.

1219. Woodruff Dorde W. 2007. *Rare Utah Cactus Turns Up at Salt Lake Chapter Meeting*. Sego Lily 30(2): 6.

1220. Xhonneux Guy. 2000. *Une espèce condamnée ? **Notocactus vorwerkianus***. Cact.-Av. Int. 47(3): 23-25.

1221. Xhonneux Guy. 2007. *A New Species of **Opuntia** in Colombia*: ***Opuntia altomagdalenensis*** G. Xhonneux. Cact.-Adv. Int. 71(3): 29-33.

1222. Xhonneux Guy. 2011. ***Pilosocereus panchesiorum**, a New Species for Colombia*. Cact.-Av. Int. 92(4): 13-17.

1223. Xhonneux Guy. 2012. *An Unexpected **Selenicereus***. Cact.-Av. Int. 94(2): 25-30.

1224. Yeaton Richard I., Ellen Layendecker, Kevin S. Sly & Robert Eckert. 1983. *Microhabitat Differences between **Opuntia parryi** and **O. littoralis** (Cactaceae) in the MixedChaparral-Inland Coastal Sage Association*. The Southwestern Naturalist, 28(2): 215-220.

1225. Záhora Jaroslav, Najéra Quesada Pedro, Flores Flores José Luis & Morales Jesús. 2018. ***Echinofossulocactus** or **Stenocactus**?* Xerophilia 24(1): 43-58.

1226. Zanoni Thomas A. & Buck William R. 1999. *Navassa Island and its flora. 2. Checklist of the vascular plants*. Brittonia 51: 389-394.

1227. Zapata Felipe, Jose Cerca, Dana McCarney, Claudia L. Henriquez, Bashir B. Tiamiyu, John E. McCormack, Kelsey R. Reckling, Jaime A. Chaves, & Gonzalo Rivas-Torres. 2023. *Darwin's Overlooked Radiation: genomic evidence points to the early stages of a radiation in the Galapagos prickly pear cactus (**Opuntia**, Cactaceae)*.
https://doi.org/10.1101/2023.10.03.560736; posted October 5, 2023.

1228. Zappi Daniela. 1994. ***Pilosocereus***, *Cactaceae. The genus in Brazil*. Succ. Plant Research, Kew **3**: 1–160.

1229. Zappi Daniela & Taylor Nigel. 2003. *Flora de Grão-Mogol, Minas Gerais: Cactaceae.* Boletim de Botânica 21(1):147-154.

1230. Zappi Daniela & Taylor Nigel. 2008. *Diversidade e endemismo das Cactaceae na Cadeia do Espinhaço*. Megadiversidade 4(1-2): 111-116.

1231. Zappi Daniela & Taylor Nigel. 2011. *A new species of* ***Pilosocereus*** *subgenus Gounellea,* ***P. frewenii****, from S.E. Brazil*. Bradleya 29: 131-136.

1232. Zappi Daniela C., Nigel P. Taylor, Fabiane Nepomuceno Costa, Simone Nunes Fonseca, Paula Leo Ferreira, Monique Romeiro-Brito, Milena C. Telhe, Matthias Köhler, Fernando F. Franco & Evandro M. Moraes. 2024. *A microendemic and enigmatic new cactus species from the cave field of Minas Gerais, Brazil:* ***Uebelmannia nuda*** *(Cactaceae, Cactoideae)*. Taxon https://doi.org/10.1002/tax.13206

1233. Zlatko Janeba & Kalas Richard. 2007. ***Acharagma aguirreanum*** *in Sierra de la Paila: A rare find in cactus paradise*. Cactus & Succulent Journal US 79(5).

1234. Zlatko Janeba. 2011a. *Visiting* ***Pediocactus knowltonii*** *in the field*. CactusWorld 29(1): 9-12.

1235. Zlatko Janeba. 2011b. *Further Notes on* ***Acharagma huasteca***. CactusWorld 29(3): 170–171.

1236. Zlatko Janeba. 2017. ***Melocactus perezassoi*** *Areces - the* ***Melocactus*** *from the 'wasp-wall'*. Cactus World 35(1): 39-45.

1237. Zlotin Valery. 2005. The Short Taxonomy of ***Turbinicarpus***. Cultivar 1(29).

1238. Zuloaga Fernando. O., Morrone Oswaldo & Belgrano Manuel. J. 2007. *Taxonomical and nomenclatural novelties for the Vascular Flora of the Southern Cone of South America.* Darwiniana 45(2): 236-24.