

CURRICULUM VITAE

Dennis Wm. Stevenson

March 2026

Education:

Ohio State University, Columbus	B.S. Botany	1970
Ohio State University, Columbus	M.S. Botany	1971
University of California, Davis	Ph.D. Botany	1975

Positions Held:

Research Associate, Fairchild Tropical Garden: a joint postdoc with the Cabot Foundation, Harvard University, July 1975–July 1976
NATO Post-Doctoral Fellow: tenure spent at the Royal Botanic Gardens, Kew, England, August 1976–August 1977
Research Associate, Fairchild Tropical Garden: a joint postdoc with the Atkins Foundation, Harvard University, August 1977–February 1978
Visiting Research Fellow, Fairchild Tropical Garden: joint support from a NSF grant to Dennis Wm. Stevenson as principal investigator) and the Cabot Foundation, Harvard University, February 1978–February 1980
NATO Senior Fellowship-Visiting Professorship: Institute of Botany, Università di Napoli, Italy, May–July 1985
Visiting Professor of Botany: Department of Plant Biology, Università di Napoli, Italy, May–July 1986
Assistant Professor of Biology, Barnard College, Columbia University, July 1980–July 1987
Honorary Curator, New York Botanical Garden, September 1980–July 1987
Visiting Professor of Botany: Department of Plant Biology, Università di Napoli, Italy, May–July 1988
Plant Morphologist and Director of the Lieberman Laboratory, New York Botanical Garden, July 1987–March 1990
Administrator of the Harding Laboratory and Supervisor of Graduate Studies, New York Botanical Garden, March 1990–November 1993
Curator and Administrator of the Harding and Lieberman Laboratories, New York Botanical Garden, March 1990–1995
Director of the Harding Laboratory and Senior Curator, New York Botanical Garden, 1995–1999.
Director of the Plant Research Laboratory and Senior Curator, New York Botanical Garden, 1999–2000.
Director of the Institute of Systematic Botany and Plant Research Laboratory, New York Botanical Garden, 2001–2002.
Vice President for Science and Cullman Senior Curator, New York Botanical Garden, 2002–2006.
Cullman Senior Curator, New York Botanical Garden, 2007–2021.

Adjunct Positions:

Professor of Biology, Ph. D. Program in Biology, City University of New York, September 1987–Present

Professor of Botany, Dipartimento di Biologia Vegetale, Università di Napoli, Italy, April 1989–Present

Professor of Biology, Ph.D. Program in Biology, New York University, September 1995–Present

Professor of Forestry, School of Forestry and Environmental Studies, Yale University, September 1996–Present

Professor of Biology, Columbia University, January 1998–Present

Professor of Plant Biology, Cornell University, March 2000–Present

Research Associate, American Museum of Natural History 2016–Present

Honors and Awards:

Honorary Doctorate, University of Naples, Italy. September 2001

Honorary Foreign Fellow, Linnean Society of London. January, 2002–Present

Centennial Award, Botanical Society of America. August 2006.

Distinguished Fellow of the Botanical Society of America, August 2010.

Service Award, Botanical Society of America, August 2012.

Cycad D'Oro, The Cycad Society, August 2015

Lifetime Commitment Award, Botanical Society of America, August 2016.

Silva Prize, The Plant Journal, 2018.

Extramural Research Grants:

NSF Grant 7721495: Comparative morphology and ontogeny of vegetative and reproductive shoots in Cycadales. February 1978–February 1980. \$59,600.00

NSF Grant 7921130: Amendment 1 to NSF Grant #7721495. February–August 1980. \$5,183.

NSF Grant BSR-8607049: A monograph of the neotropical Zamiaceae. December 1986–December 1989. \$133,000.

National Research Council of Italy: Biosystematic studies on new world Cycads. January 1987–January 1989. \$90,000.00. A trilateral grant with Prof. Paolo DeLuca, Università di Napoli, Italy and with Prof. Mario Vazquez Torres, University of Veracruz, Mexico.

EXXON Corporation: Renewable forest resources from Tropical Rainforest extractable reserves in Acre, Brazil. June 1989–June 1992. \$150,000.00. This was a joint project with Dr. Douglas Daly of the New York Botanical Garden.

David Coutts: Support for the Second International Conference on Cycad Biology held in Townsville, Australia. July 1990. \$50,000.

Pfizer Inc.: Funding for Purchase of new Waters High Pressure Liquid Chromatograph. June 1991. \$54,000.

Bristol Meyers/Squibb: Support for phytochemical research. 1991. \$60,000.

Texaco Corp.: Four year Graduate Student Fellowship. 1990–1994. \$100,000.

Asahi Chemical Co.: Three year Graduate Student Fellowship. 1991–1994. \$90,000.

Merck Chemical Corp.: Two year Graduate Student Stipend. 1992–1994. \$30,000.

NSF Training Grant 9355070 & 0027854000 Plant Resources: An Integrated Program in Molecular, Systematic and Economic Botany. August 1994–July 2001. \$1,900,000.

- NSF Grant STI-9414771: Renovation of the Harding Laboratory, April 1995–March 1996. \$117,000.
- Merck & Co. Inc.: Extraction of Plant Secondary Plant Compounds. 1993–1997. \$1,200,000.
- Pfizer Inc.: Extraction of Plant Secondary Plant Compounds. 1993–1996. \$750,000.
- Merck & Co. Inc.: Biodiversity Prospecting-Extraction Project. 1996–1998. \$430,210.
- Pfizer Inc.: Extraction of Plant Secondary Plant Compounds. Pfizer 2: Hawaii & Continental U.S.A. 1996–1998. \$286,768.
- Merck & Co.: Biodiversity Prospecting-Extraction Project. 1998–2000. \$430,210.
- Pfizer Inc.: Extraction of Plant Secondary Plant Compounds. Pfizer 3: Hawaii & Continental U.S.A. 1996–1998. \$60,000.
- Merck & Co. Inc.: Biodiversity Prospecting. 2001-2003. \$1,721,906.
- Lowenstein Foundation: Cycads, BMAA, & Neurobiology. 2001-2002. \$200,000.
- Lowenstein Foundation: Cycads, BMAA, & Neurobiology: Renewal. 2002-2003. \$200,000
- Samuel Freeman Trust: Graduate Student Support. 2001. \$10,000.
- Monell Foundation: Plant Genomics. 2002-2005, \$1,000,000.
- NSF Grant: DEB-0206501 Phylogenetics of Costaceae. with Chelsea Specht. 2002-2004. \$8,520.
- Mrs. Ann Eristoff: Plant Conservation in the Republic of Georgia. 2002. \$50,000.
- Trust for Mutual Understanding: Conservation and Data Base Training. 2002. \$40,000.
- Merck & Co. Inc.: Biodiversity Prospecting. 2004-2006. \$1,500,000.
- NSF DEB-0352943 A Workshop: Development of a National Infrastructure: A Virtual Instrument for the 21st Century. Oct. 1, 2003-Sept. 30, 2004. \$60,000.00
- NSF: IOS-0346436 SGER Grant: Plant Evolutionary Genomics: Develop and Test Bioinformatic Tools to Automate Ortholog Identification for Phylogenomics and Functional Genomic Studies. Sept. 1, 2003-August 31, 2004. \$83,201.
- NSF: IOS-0421604 Genomics of Comparative Seed Evolution. Oct. 1, 2004-Sept. 30, 2009. \$4,994,583.00
- NSF: EF-0629817 Gymnosperms on the Tree of Life: Resolving the Phylogeny of Seed Plants. Oct. 1, 2006-Sept. 30, 2010. \$2,999,983.
- NSF: DEB-082762 From Acorus to Zingiber - Assembling the Phylogeny of the Monocots Sept. 1, 2008-August 30, 2013. \$2,895,000
- NSF: DBI-0822201 TRPGR: The Plant Ontology March 1, 2009-February 28, 2013. \$3,773,701
- NSF: IOS-0922738 GEPR Genomics of Comparative Seed Evolution Renewal. August 1, 2010-July 31, 2014. \$3,910,750.00
- NSF: DEB-1026053 REU Supplement to: From Acorus to Zingiber - Assembling the Phylogeny of the Monocots. March 15, 2010-March 14, 2011. \$7,500.
- NSF: DEB-1025848 REU Supplement to: Gymnosperms on the Tree of Life: Resolving the Phylogeny of Seed Plants. July 1, 2010-June 30, 2010. \$7,500.
- NSF: DEB-1050340 Phylogeography and conservation genetics of the Caribbean Zamia clade: an integrated systematic approach with SSRs and single copy nuclear genes. January 1, 2011-December 31, 2013. \$502,781.

- CONACyT 134960 Sistemática Y Taxonomía Del Género Ceratozamia Brongn.
January 1, 2010- December 31, 2013. \$103,540.
- NSF: DEB-1208845 Collaborative Research: AVATOL- Next Generation Phenomics for the Tree of Life. July 1, 2012-June 30, 2015. \$3,216,512.
- Niarchos Foundation: Coevolution of Pollen Wasps and their Plant Hosts in Australia. Sept-Dec 2013. \$25,000.
- Monell Foundation: Insights into the Tempo of Evolution. July 1, 2013 – June 30, 2014. \$50,000
- Monell Foundation: Insights into the Tempo of Evolution, Part 2. July 1, 2014 – June 30, 2015. \$100,000
- NSF: IOS-1340112. Common Reference Ontologies and Applications for Plant Biology. December 1, 2014-November 30, 2017. \$4,044,134.
- DOE: DE-SC0014377. EvoNet: A Phylogenomic and Systems Biology Approach to Identify Genes Underlying Plant Survival in Marginal, Low-Nitrogen Soils. October 1, 2015-September 30, 2020. \$7,117,705
- NSF: PGR-1758800. Living Fossils: Applying advances in single molecule sequencing to decode large and complex genomes of ancient plant lineages. September 1, 2018-August 31, 2022. \$4,115,981.
- DOE, JGI: Open Green Genomes: a framework for comparative plant genomics. September 2018-December 2024.
- NSF: DEB-2140319. OPUS: A Career in Cycad Biology: An e-monograph. \$294,351. June 1, 2022-May 30, 2025.

Professional Activities (Extra-university):

Editorships:

- Editor, Fiddlehead Forum 1981–1991
- Consulting Editor, Barrons Educational Series, 1990–2020
- Editor, Botanical Review, 1992–Present
- Co-Editor, Anatomy of the Dicotyledons, Oxford University Press, 2000-Present
- Editorial Board, FLORA, 2006–2012
- Editor in Chief, Cladistics, 2008–2020
- Associate Editor, Blumea, 2010–Present
- Editorial Board, Phytokeys, 2010–Present

Offices of Scientific Societies:

- President, New York Chapter of the American Fern Society, 1981–1983
- Corresponding Secretary and Program Chairman, Torrey Botanical Club, 1985 –1990
- Council member, American Fern Society, 1984 –1987
- President Elect, Torrey Botanical Club, 1990
- President, Torrey Botanical Club, 1991
- At-large Director – Development, Botanical Society of America, 2008-20012.
- President, Torrey Botanical Society, 2017-2022
- Treasurer, Willi Hennig Society, 2021–Present

Miscellaneous:

- Consultant for the World Wildlife Fund-Traffic USA and the United States Wildlife Service on the status of neotropical endangered species as covered by the

international CITES (Committee on International Trade in Endangered Species) agreement.

Deputy Chairman, Cycad Specialist Group, Species Survival Commission, IUCN 1985–1990.

Chairman, Cycad Specialist Group, Species Survival Commission, IUCN 1990–1996.

Member and Chairman Emeritus, Cycad Specialist Group, Species Survival Commission, IUCN 1996–Present.

Invited Observer, Plant Working Group, Species Survival Commission, IUCN.

Author, CITES Proposals on the Status of Cycads.

Designed and Developed two new exhibits, one on Plant Evolution and one on Ethnobotany, for the University of Naples, Italy.

Reviewer for the American Association of Museums – 2007-present

Science Advisory Committee – NATURALIS 2008-2020

Executive Committee Global Genome Biodiversity Network (GGBN) 2014-present

Executive Committee Global Genome Initiative (GGI) 2015-present

Several Tenures on several Botanical Society of America Committees:

Cookson Award, Esau Award, Kaplan Memorial Lecture, Mosley Award, & Distinguished Fellow Award, Hosting Legacy Society Meetings.

Science Committee: Naturalis – 2010-2022.

Executive Committee Global Genome Initiative (GGI) 2015-present.

Executive Committee Global Genome Biodiversity Network 2015-present

ORCHID ID: 0000-0002-2986-7076.

Publications:

Refereed Journals:

In Press:

Habib, S., J. Zhang, W. Omollo, D. Stevenson, J. Li, Y. Lai, & C. Feng. 2025. Plastid genome evolution and phylogenomics with broad taxon sampling: Insights into intrafamilial classification of Hamamelidaceae. *BMC Plant Biology*: In Press.

Martínez-Domínguez, L., F. Nicolalde-Morejón, D. W. Stevenson, F. G. Lorea-Hernández, & F. Vergara-Silva. 2025. A striking new species of *Dioon* (Zamiaceae) from pine and pine-oak forest of Guerrero, Mexico. *PhytoKeys*: In Press

Published:

Hernández, D., L. Martínez-Domínguez, F. Nicolalde-Morejón, D. W. Stevenson. 2026. Understanding vegetative and reproductive phenology in a cycad species with a wide distribution pattern: responses to the local environment. *Plant Ecology & Evolution* 159(1): 64-78. <https://doi.org/10.5091/plecevo.160407>

Sorojsrisom, E., D. Stevenson & B. Ambrose. 2025. Patterning and Evolution of the Land Plant Gametangia. *Int. J. Pl. Sci.* 184:1-70. <https://www.journals.uchicago.edu/doi/10.1086/737170>

Habib, S., D. Dong, A. Lindstrom, J. Clugston, D. Stevenson, S. Feng, & S. Zhang, 2025. Revisiting the phylogenetic relationships, biogeography and character evolution of the genus *Encephalartos* (Cycadales: Zamiaceae) in light of

- transcriptome sequencing data: Implication for infrageneric classification. 2025. *J. Syst. Evol.* 00 (0): 1-18. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/jse.70034>
- Sondervan V, G Eshel, K Varala, S Frangos, M Katari, T Jeffers, C Zumajo-Cardona, S Nigris, L DeGironimo, T Smalls, WR McCombie, D Little, BA Ambrose, & Dennis Stevenson. 2025. Developmentally regulated genes drive phylogenomic splits in ovule evolution. *Nature Comm.* **16**: Article number: 9589. <https://rdcu.be/ePJof>
- Osborne, R., D. Stevenson & D. Ferreira. 2025. Phytochemistry of the Cycadales. *Bot. Rev.* 91(3): 221-285. doi: <https://doi.org/10.1007/s12229-025-09313-y>
- Dong, S, S Wang, L Li, J Yu, Y Zhang, J-Y Xue, H Chen, J Ma, Y Zeng, Y Cai, W Huang, X Zhou, J Wu, J Li, Y-F Yao, R Hu, T Zhao, J C Villarreal, L Dirick, L Liu, M Ignatov, M Jin, J Ruan, Y-K He, H Wang, B Xu, R Rozzi, J Wegrzyn, D Stevenson, KS Renzaglia, H Chen, L Zhang, S Zhang, R Mackenzie, J Moreno, M Melkonian, T Wei, Y Gu, X Xu, S Rensing, J Huang, M Long, B Goffinet, J Bowman, Y van de Peer, H Liu. 2025. Bryophytes hold a larger gene family space than vascular plants. *Nature Genetics* 57(9): 1-8. 22Sept2025 <https://doi.org/10.1038/s41588-025-02325-9>
- Stevenson, D. W., 2025. Gnetaceae. *Flora Mesoamericana* 2(1): 25-26.
- Stevenson, D. W., F. Nicolalde-Morejón & L. Martínez-Domínguez 2025. Cycadaceae. *Flora Mesoamericana* 2(1): 1.
- Stevenson, D. W., F. Nicolalde-Morejón & L. Martínez-Domínguez. 2025. Zamiaceae. *Flora Mesoamericana* 2(1).1-2.
- Nicolalde-Morejón, F., D. W, Stevenson, L. & Martínez-Domínguez. 2025. *Zamia*. *Flora Mesoamericana* 2(1): 7-14.
- Nicolalde-Morejón, F., L. Martínez-Domínguez & D. W. Stevenson. 2025. *Dioon*. *Flora Mesoamericana* 2(1): 6-7.
- Martínez-Domínguez, L., F. Nicolalde-Morejón & D. W. Stevenson. 2025. *Ceratozamia*. *Flora Mesoamericana* 2(1): 2-6.
- Martínez-Domínguez, L., F. Nicolalde-Morejón, F. Vergara Silva, & D. W. Stevenson. 2024. A review of taxonomic concepts and species delimitation in Cycadales. *Bot. Rev.* 90(1): 33-66. <https://doi.org/10.1007/s12229-023-09293-x>
- Nicolalde-Morejón, F., L. Martínez-Domínguez, M. A.González-Aguilar, & D. Wm. Stevenson. 2024. Restablecimiento de *Zamia lawsoniana* (Zamiaceae, Cycadales), una especie endémica de México, con primera descripción del estróbilo ovulífero. *Acta Botanica Mexicana* 131(2024): e2262. <https://doi.org/10.21829/abm131.2024.2262>
- Sánchez-Tinoco, M. Y., Vovides, P. A., Stevenson, D. W., Iglesias-Andreu, L. G., & M. A. Pérez-Farrera. 2024. La primera etapa en la formación del megagametofito de *Zamia furfuracea* L.f. (Zamiaceae) Cycadales: núcleos libres. pp. 64-65 in XLII Congreso Mexicano de Histología.
- Ambrose, B.A. & D.W. Stevenson. 2024. The evolution and development of sporangia – the fundamental reproductive organ of land plant sporophytes. *Current Opinion in Plant Biology* 81:1-8. <https://doi.org/10.1016/j.pbi.2024.102563>
- Martínez-Domínguez, L., F. Nicolalde-Morejón, Marlon Aramis González-Aguilar, F. Vergara-Silva & D. W. Stevenson. 2024. A new species of *Ceratozamia* (Zamiaceae) endemic to the mountain karst forests of Tabasco, Mexico: what the

- reproductive structures revealed. *Kew Bull* 79: 543-558. [DOI 10.1007/S12225-024-10209-0](https://doi.org/10.1007/S12225-024-10209-0).
- Lindstrom, A., S. Habib, S. Dong, Y. Gong, J. Liu, M. Calonje, D. Stevenson, & S. Zhang. 2024. Transcriptome sequencing data provides a solid base to understand the phylogenetic relationships, biogeography and reticulated evolution of the genus *Zamia* L. (Cycadales: Zamiaceae). *Ann. Bot.* 134(5): 747-768, <https://doi.org/10.1093/aob/mcae065>
- Martínez-Domínguez, L., F. Nicolalde-Morejón, F. Vergara-Silva, D. S. Gernandt, I. Huesca Domínguez & D. Stevenson. 2024. Morphological evolution of reproductive structures in *Ceratozamia*, a diverse genus in the Cycadales. *Ann. Bot.* 134(4): 631-650, <https://doi.org/10.1093/aob/mcae058>.
- Martínez-Domínguez, L, F Nicolalde-Morejón, F Vergara-Silva, R Guevara, DS Gernandt, & DW Stevenson. 2023. Species delimitation in *Ceratozamia* (Zamiaceae) from southwestern Mexico, in light of reproductive and climatic diversification. *Organisms, Diversity & Evolution* 23(2): 275–293. <https://doi.org/10.1007/s13127-022-00598-0>
- Habib S, Y Dong, A Lindstrom, DW Stevenson, H Wu & S Zhang. 2023. Phylotranscriptomics Shed Light on Intrageneric Relationships and Historical Biogeography of *Ceratozamia* (Cycadales). *Plants* 12(3): 478-498. <https://www.mdpi.com/2223-7747/12/3/478>
- Timilsena, PR, CF Barrett, AP Nelson, EK Wafula, S Ayyampalayam, JR McNeal, T Yukawa, TJ Givnish, SW Graham, J Pires, JI Davis, C Ané, DW Stevenson, J Leebens-Mack, E Martínez-Salas, ER Álvarez-Buylla & CW dePamphilis. 2023. Phylotranscriptomic analyses of mycoheterotrophic monocots show a continuum of evolutionary changes in expressed nuclear genes from three independent nonphotosynthetic lineages. *Genome Biology & Evolution* 15(1): evac183, <https://doi.org/10.1093/gbe/evac183>
- Sánchez-Tinoco, MY, DW Stevenson, AP Vovides, A López, LG Iglesia -Andreu, E García Moya & G Hernández-Zárate. 2023. Late Stages of Megagametophytogenesis: Archegonial Development in Zamiaceae. *Flora* 304: 152303. <https://doi.org/10.1016/j.flora.2023.152303>
- Luthardt, L., R. Rößler, & D. W. Stevenson. 2023. *Cycadodendron galtieri* gen. nov. et sp. nov. - A lower Permian gymnosperm stem with cycadalean affinity. *Int. J. Pl. Sci.* 184: 715-732. <https://www.journals.uchicago.edu/doi/10.1086/727458>
- Stevenson, DW., S. Ramakrishnan, C. de Santis Alves, LA Coelho, M. Kramer, S. Goodwin, O. Mendevil Ramos, G. Eshel, V. M. Sondervan, S. Frangos, C. Zumajo-Cardona, K. Jenike, S. Ou, Xiaojin Wang, Y. Peng Lee, S. Loke, M. Rossetto, H. McPherson, S. Nigris, S. Moschin, D. P. Little, M. S. Katari, K. Varala, S-O. Kolokotronis, B. Ambrose, L. J. Croft, G. M. Coruzzi, M. Schatz, W. R. McCombie, & R. A. Martienssen. 2023. The genome of the Wollemi pine, a critically endangered “living fossil” unchanged since the Cretaceous, reveals extensive ancient transposon activity. *bioRxiv* <https://www.biorxiv.org/content/10.1101/2023.08.24.554647v1>

- Stevenson, DW. 2023. Botany of the Trepel Baga Serpent. PP. 253-260. In: Lamp, JF, Python Spirit on the Baga Coast: A Scientific and Art Historical Perspective. 5 Continents Editions, Milan
- Osborne, R & DW Stevenson. 2023. Johann Georg Christian Lehmann (1792–1860) – Authority of the genus *Encephalartos*. *Encephalartos* 140: 25-30.
- Osborne, R. & D. Stevenson. 2022. Charles Joseph Chamberlain (1863–1943), pioneering American cycad biologist. *Cycads* 6(1): 9-12.
- Osborne, R. & D. Stevenson. 2022. Eduard August von Regel (1815–1892) – Pioneer in the field of cycad biology. *Cycads* 6(2): 20-24.
- Sánchez-Tinoco, M. Y., D, Stevenson, A.P. Vovides, A. López, A. Iglesias, G. Lourdes, G. Moya, & G. Hernández Zárate, . 2022. Salient ovule features of *Zamia furfuracea* L.f. (Zamiaceae) Cycadales: Early stages of megagametophytogenesis. *Cycads* 6(1): 20-22.
- Koblova, KD, P. J. Rudall, D. D. Sokoloff, D. W. Stevenson & M. V. Remizowa. 2022. Flower and spikelet construction in Rapateaceae (Poales). *Frontiers in Plant Science*: [doi:0.3389/fpls.2021.813915](https://doi.org/10.3389/fpls.2021.813915)
- Martínez-Domínguez, L., F. Nicolalde-Morejón, F. Vergara-Silva, & D. W. Stevenson 2022. A new Mexican *Ceratozamia* (Zamiaceae) species with notes on reproductive phenology. *Nordic J. Bot.* 2022(1): <https://doi.org/10.1111/njb.03348>
- Martínez-Domínguez, L., F. Nicolalde-Morejón, F. Vergara-Silva, & D. W. Stevenson. 2022. *Ceratozamia oliversacksii* (Zamiaceae), a new species of gymnosperm from western Oaxaca, Mexico. *Kew Bull.* 77: 211 – 219. <https://doi.org/10.1007/s12225-021-09992-x>
- Martínez-Gómez, J, T A M Atluri, I J Rose, A J Holliday, C Strock, J Lynche, W Miller, D Stevenson, & C D Specht. 2022. Developmental morphology and anatomy shed light on both parallel and convergent evolution of the umbellate inflorescence in Monocots. *Frontiers in Plant Science* 13: Article 873505 <https://doi.org/10.3389/fpls.2022.873505>
- Stevenson, DW. 2022. Epilogue: What have we learned and where are we going. Pp. 245–257 in MD Carrasco et al (ed.), *Under the Shade of Thipaak: The Ethnobotany of Cycads in Mesoamerica and the Caribbean*. University Press of Florida, Tallahassee.
- Marchant, DB, G Chen, S Cai, F Chen, P Schafran, J Jenkins, S Shu, C Plott, J Webber, J Lovell, G He, L Sandor, M Williams, S Rajasekar, A Healey, K Barry, Y Zhang, E Sessa, R Dhakal, P Wolf, A Harkess, F-W Li, C Rössner, A Becker, L Gramzow, D Xue, Y Wu, Tao Tong, Y Wang, F Dai, S Hua, H Wang, S Xu, F Xu, H Duan, G Theißen, M McKain, Z Li, M.T.W. McKibben, M.S. Barker, R.J. Schmitz, D. Stevenson, C Zumajo-Cardona, B Ambrose, J Leebens-Mack, J Grimwood, J Schmutz, P Soltis, D Soltis, & Z-H Chen. 2022. Ancient yet Dynamic: The Evolution of a Fern Genome. *Nature Plants* 8: 1038-105. <https://doi.org/10.1038/s41477-022-01226-7>
- Martínez-Domínguez, L., F. Nicolalde-Morejón, F. Vergara-Silva, & D. W. Stevenson. 2022. Monograph of *Ceratozamia* (Zamiaceae, Cycadales): an endangered genus. *PhytoKeys* 208: 1-102. [doi: 10.3897/phytokeys.208.80382](https://doi.org/10.3897/phytokeys.208.80382)

- Rothwell, G. R., R. A. Stockey, D. W. Stevenson, & C. Zumajo-Cardona. 2022. Large permineralized seeds in the Jurassic of Haida Gwaii, Western Canada: Exploring the mode and tempo of cycad evolution. *Int. J. Pl. Sci.* 183(8): 674-690. <https://www.journals.uchicago.edu/doi/10.1086/721710>
- Stevenson, DW, L Martínez-Domínguez, & F Nicolalde-Morejón. Focus on ... *Ceratozamia osbornei* D.W.Stev., Mart.-Domínguez & Nic.-Mor. 2022. The Cycad Newsletter 42(3):17-22.
- Sánchez-Tinoco, MY, DW Stevenson, AP Vovides, A López, LG Iglesias-Andreu, E García Moya & G Hernández-Zárate. 2022. Salient ovule features of *Zamia furfuracea* L.f. (Zamiaceae) Cycadales: Early stages of megagametophytogenesis. *Flora* 296: November 2022, 152168 <https://doi.org/10.1016/j.flora.2022.152168>
- Habib, S, Y Gong, S Dong, A Lindstrom, D Stevenson, Y Liu, H Wu, & S Zhang. 2022. Phylotranscriptomics reveal the spatio-temporal distribution and morphological evolution of *Macrozamia*, an Australian endemic genus of Cycadales. *Ann. Bot.* 130: 671–685. <https://doi.org/10.1093/aob/mcac117>
- Timilsina, PR, EK Wafula, CF Barrett, S Ayyampalayam, J McNeal, JD Rentsch, MR McKain, K Heyduk, A Harkess, M Villegente, J G Conran, N Illing, B Fogliani, C Ane, JC Pires, J Davis, W B Zomlefer, D W Stevenson, S W Graham, T Givnish, J Leebens-Mack, & CW dePamphilis. 2022. Phylogenomic resolution of order-and family-level monocot relationships using 602 single copy nuclear genes and 1375 BUSCO genes. *Frontiers in Plant Science* 13: <https://doi.org/10.3389/fpls.2022.876779>
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