

CURRICULUM VITAE
Dennis Wm. Stevenson
January 2016

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:

Instructor in Botany, Texas A&M University, July 1970–July 1971

Research Associate, Fairchild Tropical Garden: a joint postdoctoral appointment with Fairchild Tropical Garden and 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: support from the Atkins Foundation, Harvard University, August 1977–February 1978

Visiting Research Fellow, Fairchild Tropical Garden: joint support from 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, Universita di Napoli, Italy, May–July 1985

Visiting Professor of Botany: Department of Plant Biology, Universita 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, Universita 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 Botanical Science, New York Botanical Garden, 2002-2007

Vice President for Botanical Research, 2008-Present.

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, Universita 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

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 American. August 2006.
- Merit Award, Botanical Society of America, August 2010.

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, Universita 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 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.
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: 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

Symposia:

- Structure of Pteridophytes. An interpretation of Filicinaean vascular systems. Held at Pennsylvania State University, August 9, 1982. Jointly sponsored by the Botanical Society of America & the American Fern Society.
- History of Botanical Classification. Federico Delpino (1833-1905) and the first phylogenetic classification of plants. Held at the University of Massachusetts, Amherst, August 12, 1986. Jointly sponsored by the Botanical Society of America and the American Society of Plant Taxonomists.
- Morphology and Systematics of the Cycadales. 1st International Symposium on Cycad Biology, Nice, France. April 18, 1987.
- Floral Evolution. Strobilar Ontogeny in the Cycadales. XIV International Botanical Congress, Berlin, Germany, August 1987.
- Phylogenetic Systematics of the Cycads. 2nd International Symposium on Cycad Biology. Townsville, Australia. August 1990.
- Phylogenetic systematics of the seed plants with special emphasis on the Cycadales. 85th Congresso della Societa Botanica Italiana, Naples Italy. October 11, 1990.
- Why Conserve Cycads? DNA Bank-Net Conference, Royal Botanic Gardens, Kew, England. April 16, 1991.
- The Routes of South America Plants to North America via Europe and Demographic Consequences. Scambi Florovivaistici fra Vecchio e Nuovo Mondo, Genoa, Italy. April 23, 1991.
- Phylogenetic Relationships of the Seed Plants (with K. Nixon, W. Crepet, & E-M Friis). 39th Ann. Systematics Symposium, Missouri Botanical Garden. October 3, 1992
- Biodiversity and Phylogeny of Seed Plants. XI Congresso Venezolano Botanica. Merida, Venezuela. 16-21 May 1993.
- Gli ambienti di tipo mediterraneo nel mondo. III Convegno (Primo Internazionale). Paesaggi e giardini del Mediterraneo. Pompei, Italy. 4-7 June 1993.
- A phylogenetic analysis of the Commelinales. Monocotyledon Symposium. Kew. England. 19 July 1993.

- Homology of the seed and associated structures in spermatophytes. Symposium on Angiosperm Origin, Early Evolution and Phylogeny, Part I. Jointly co-sponsored by the Systematics and Paleobotanical Sections, BSA at Iowa State U., 4 August 1993.
- The relationship of seed plants in reference to angiosperm outgroups (with W. Crepet, K. Nixon, & E-M. Friis). Symposium on Angiosperm Origin, Early evolution and Phylogeny. Part I. Jointly sponsored by the Systematics and Paleobotanical Sections, BSA at Iowa State U., 4 August 1993.
- Angiosperm Relationships. Hennig XII. Willi Hennig Society Meetings at California State University, Fullerton, CA. 10 August 1993.
- Phylogenetic Systematics of the Ranunculidae. Symposium on the Ranunculidae. Sponsored by the German Botanical Society, Bayreuth, Germany. 6 September 1994.
- Sistemática filogenética de las Liliopsida. VI Congreso Latinoamericano de Botánica. Mar de Plata, Argentina. 12 October 1994.
- Fossil and Extant Cycads: A Cladistic Analysis. Symposium on the use of Fossils in Phylogenetic Analyses. Jointly sponsored by the Systematics and Paleobotanical Sections, BSA at the University of California, San Diego, 3 August 1995.
- Phylogeny of Vascular Plants and Developing a Monophyletic Concept of Pteridophyta. Holtum Memorial Pteridophyte Symposium. Kew, England. July 19, 1995.
- Phylogeny and evolution of fossil and extant cycads. IV International Conference on Cycad Biology (CYCAD '96) Panzhihua, Sichuan, China. April 1996.
- Reproductive biology of Cycads. Reproductive Biology Symposium, Kew, England. September 1996.
- Reproductive Morphology of 'Gymnosperms': Underused Phylogenetic Characters. 13TH Symposium for Morphology, Anatomy, and Systematics. Leuven, Belgium. April 1997.
- Cones and strobili, flowers and inflorescences. Symposium on the Inflorescence. Jointly sponsored by the Systematics and Structural Sections, BSA at McGill University, Montreal, 5 August 1997.
- Character coding of palynological data. Pollen and Spores 1998: Morphology and Biology. Royal Botanic Gardens, Kew, England. July 1998.
- Characters and character states: decisions and coding in monocots. Monocots II: Comparative Biology of the Monocotyledons. Sydney, Australia. September 1998.
- Systematics: A sustainable resource. 1er Congreso Colombiano De Botánica, Bogata, 27 April 1999.
- Fossil and extant cycads. XVI International Botanical Congress, 1999.
- Cycads under the machete and microscope. Plant Anatomy: Under the Microscope, Linnean Society of London, 8 September 1999.
- Characters and character states: decisions and coding. 15th Internationalen Symposium von Biodiversität und Evolutionsbiologie der Deutschen Botanischen Gesellschaft, 23 Bochum, Germany. September 2001.
- Angiosperm Origin: Problem or Ineptitude? Flowers: Diversity, Development and Evolution. Zurich, Switzerland. 6 July 2002
- Evolution of the Monocots and other items. Symposium on Life, the Universe, and Everything. Patras, Greece, 14 September 2002

Impediments to Taxonomy, Symposium on the New Systematics held at Sytematics Association Meeting, Cardiff, Wales, 2005
Homoplasy is ignorance: Enlightenment through reciprocal illumination. Symposium on Character Coding in Phylogenetic Inference held at the 17th International Botanical Congress, Vienna, 2005
Dahlgren Lecture: From Albertus Magnus to AToL. University of Copenhagen, 2008
Chris Humphries, Cycads, and Me. Chris Humphries Festschrift, Linnean Society of London, 2008.
Monocots without Borders: Desde Albertus Magnus hasta AToL, Universidad de Veracruz, Xalapa, 2008.
Floral Morphology and Development in the Age of Phylogenetics and Genomics. Systematics 2009 1st meeting of Biosyst EU. Leiden, 2009.
Tomlinson one
Ephdra one

Professional Activities (Extra-university):

Editorships:

Consulting Editor, Barrons Educational Series, 1990–Present
Editor, Botanical Review, 1992–Present
Co-Editor, Anatomy of the Dicotyledons, Oxford University Press, 2000–Present
Editorial Board, FLORA, 2006–Present
Editor in Chief, Cladistics, 2008–Present
Editorial Board, Blumea, 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

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

Publications:

Refereed Journals:

- Stevenson, D. W., J. R. Rastorfer, & R. Showman. 1972. The effects of temperature on seta length in *Atrichum undulatum*. *Ohio J. Science* 72: 146-153.
- Scott, J. R., E. L. Thurston, & D. W. Stevenson. 1972. A technique for handling small specimens during tissue preparation for electron microscopy. *Stain Technol.* 47: 215-217.
- Stevenson, D. W., & R. A. Popham. 1973. Ontogeny of the primary thickening meristem in seedlings of *Bougainvillea spectabilis*. *Amer. J. Bot.* 60: 1-9.
- Stevenson, D. W. 1973. Phyllode theory in relation to leaf ontogeny in *Sansevieria trifasciata*. *Amer. J. Bot.* 60: 387-396.
- _____. 1974. The occurrence of "root gaps" in the rhizome solenostele and leaf trace of *Dennstaedtia cicutaria*. *Amer. J. Bot.* 61: 284- 289.
- _____. 1974. Ultrastructure of the nacreous leptoids (sieve elements) in the polytrichaceous moss *Atrichum undulatum*. *Amer. J. Bot.* 61: 414-421.
- _____. 1974. Appendix E-3. Report on the identification of roots in CMA 53.331. *In: Medieval Persian Silks in Fact and Fancy*, by D. G. Shepherd. *Bull. Liais. Cen. Intern. D'Etude Tex. Anciens* 39/40: 134-135 & 217.
- _____. 1975. Taxonomic and morphological observations on *Botrychium multifidum* (Ophioglossaceae). *Madroño* 23: 198-204.
- Schmid, R., & D. W. Stevenson. 1975. Arberia, a proposal for a new journal of structural botany. *Taxon* 24: 493-494 and *Plant Sci. Bull.* 21: 39-40.
- _____ & _____. 1976. Agnes Arberia, scientific reductionism, and the need for Arberia. *Taxon* 25: 501-503.
- Stevenson, D. W. 1976. Shoot apex organization and ontogeny of the rhizome born roots and their associated gaps in *Dennstaedtia cicutaria*. *Amer. J. Bot.* 63: 673-678.
- _____. 1976. The cytohistological and cytohistochemical zonation of the shoot apex of *Botrychium multifidum*. *Amer. J. Bot.* 63: 852-856.
- _____. 1976. Observations on phyllotaxis, stelar morphology, the shoot apex, and gemmae of *Lycopodium lucidulum*. *J. Linn. Soc. Bot.* 71: 81-100.
- _____. 1977. Histochemical and ultrastructural observations on the developing nacreous walls of the sieve elements of *Atrichum undulatum*. *Ann. Bot.* 41: 849-853.
- Owens, S. J., & D. W. Stevenson. 1977. Self-incompatibility studies in the genus *Gibasis* (Commelinaceae). *Heredity* 39: 188-189.
- Stevenson, D. W., & S. J. Owens. 1978. Some aspects of the reproductive morphology of *Gibasis venustula* (Kunth) D. R. Hunt (Comelinaceae). *J. Linn. Soc. Bot.* 77: 157-175.
- Stevenson, D. W. 1978. The shoot apex of *Bougainvillea spectabilis*. *Amer. J. Bot.* 65: 792-794.
- _____. 1978. Observations on shoot apices of eusporangiate ferns. *Kew Bull.* 33: 279-282.

- _____. 1979. Systematic anatomy of Bahamian species of *Bursera* L. J. Arnold Arbor. 60: 163-165.
- _____. 1980. Ontogeny of the vascular system in *Botrychium multifidum* and its bearing on the stelar theory. J. Linn. Soc. Bot. 80: 41-52.
- _____. 1980. Radial growth in Cycadales. Amer. J. Bot. 67: 465- 475.
- _____. 1980. Radial growth in *Beaucarnea recurvata*. Amer. J. Bot. 67: 476-489.
- _____. 1980. Observations on stem and root contraction in cycads (Cycadales) with special reference to *Zamia pumila* L. J. Linn. Soc. Bot. 81: 275-281.
- _____ & J. B. Fisher. 1980. The developmental relationship between primary and secondary thickening growth in *Cordyline* (Agavaceae). Bot. Gaz. 141: 264-268.
- Stevenson, D. W. 1980. Form follows function—in cycads. Fairchild Trop. Gard. Bull. 35: 20-24.
- Norstog, K., & D. W. Stevenson. 1980. Wind? Or insects? The pollination of cycads. Fairchild Trop. Gard. Bull. 35: 28-30.
- Stevenson, D. W. 1981. Observations on ptyxis, phenology, and trichomes in the Cycadales and their systematic implications. Amer. J. Bot. 68: 1104-1114.
- _____. 1982. A new species of *Ceratozamia* (Zamiaceae) from Chiapas, Mexico. Brittonia 34: 181-184.
- _____. 1984. Pedagogical Ferns I. *Quercifilix zeylanica*. Fiddlehead Forum 11: 5.
- _____. 1984. Pedagogical Ferns II. *Diplazium proliferum*. Fiddlehead Forum 11: 10.
- _____. 1984. Pedagogical Ferns III. *Adiantum caudatum*. Fiddlehead Forum 11: 16.
- _____. 1984. Request for research material (a note on collecting herbarium material of cycads). Taxon 33: 795.
- _____, S. Sabato & P. DeLuca. 1984. Comments opposed to (708) Proposal to conserve the spelling *Dioon* against *Dion* (Zamiaceae). Taxon 33: 728-730.
- _____ & J. W. Stevenson. 1984. Table of Botanical Names and Modern Equivalents. Appendix III. Pp. 319-324. In: *The Clinical Consultations of Giambattista Morgagni*, translated by S. Jarcho. Boston Medical Library, Boston.
- Stevenson, D. W. 1985. The fern that wasn't. Fiddlehead Forum 12: 14.
- Stevenson, D. W., & S. Sabato. 1986. Typification of names in *Zamia* and *Aulacophyllum* (Zamiaceae). Taxon 35(1): 134-144.
- _____ & _____. 1986. Typification of names in *Ceratozamia*, *Dion*, and *Microcycas* (Zamiaceae). Taxon 35(3): 578-584.
- Norstog, K., D. W. Stevenson, & K. Niklas. 1986. The role of beetles in the pollination of *Zamia furfuracea* L. fil. (Zamiaceae). Biotropica 18: 300-306.
- Landrum, L., & D. W. Stevenson. 1986. Embryo variability in the subtribe Myrtineae (Myrtaceae). Syst. Bot. 11(1): 155-162.
- Stevenson, D. W., S. Sabato, & M. Vazquez Torres. 1986. A new species of *Ceratozamia* (Zamiaceae) from Veracruz, Mexico, with comments on species relationships, habitats, and vegetative morphology of the genus. Brittonia 36(1): 17-26.
- Schmid, R., & D. W. Stevenson. 1987. An unpublished manuscript (1896) by Emily L. Gregory on plant anatomy textbooks. Bull. Torrey Bot. Club 114: 206-221.
- Stevenson, D. W. 1987. Comments on character distribution, taxonomy, and nomenclature with respect to the genus *Zamia* L. in the West Indies and Mexico. Encephalartos 9: 3-7.

- _____. 1987. Again, the West Indian *Zamias*. *Fairchild Trop. Gard. Bull.* 42(3): 23-27.
- _____. 1988. Strobilar ontogeny in the Cycadales. Pp. 205-224. In: *Aspects of Floral Evolution*. Eds. P. Leins, P. Endress, & S. Tucker. J. Cramer, Stuttgart.
- Moretti, A., P. De Luca, J.-P. Sclavo, & D. Stevenson. 1989. *Encephalartos voienensis* (Zamiaceae), a new East Central African species in the *E. hildebrandtii* complex. *Ann. Missouri Bot. Gard.* 76: 934-938.
- Stevenson, D. W., & G. Siniscalco Gigliano. 1989. The systematic value of the monosaccharide composition of cycad mucilages. *Biochem. Syst. Ecol.* 17: 185-190.
- Bozzini, A., A. Moretti, R. Nazzaro, G. Siniscalco, & D. Stevenson. 1989. Cultivation in temperate climate of *Sesbania rostrata* (Fabaceae), a tropical legume with nitrogen-fixing stem nodules. *Delpinoa, n.s.*, 26: 39-52.
- Loconte, H., & D. Stevenson. 1990. Cladistics of the Spermatophyta. *Brittonia* 42: 197-211.
- Stevenson, D. W. 1990. Introduction. *Mem. New York Bot. Gard.* 57: i-vii.
- _____. 1990. Morphology and Systematics of the Cycadales. *Mem. New York Bot. Gard.* 57: 8-55.
- _____. 1990. *Chigua*, a new genus in the Zamiaceae, with comments on its biogeographic significance. *Mem. New York Bot. Gard.* 57: 169-172.
- _____. 1990. The research botanist and plant import restrictions. *Assoc. Syst. Coll. Newsl.* 18: 46-48.
- _____, A. Moretti, & P. De Luca. 1990. A new species of *Encephalartos* (Zamiaceae) from Tanzania. *Mem. New York Bot. Gard.* 57: 156-161.
- _____, R. Osborne, & J. Hendricks. 1990. A world list of cycads. *Mem. New York Bot. Gard.* 57: 200-206.
- _____. 1991. Introduction. *Flora of the Guianas. Ser. A, Fasc. 9:* 1-2.
- _____. 1991. Cycadaceae. *Flora of the Guianas. Ser. A, Fasc. 9:* 3-6.
- _____. 1991. Zamiaceae. *Flora of the Guianas. Ser. A, Fasc. 9:* 7-11.
- _____. 1991. Podocarpaceae. *Flora of the Guianas. Ser. A, Fasc. 9:* 23-29.
- _____. 1991. Indices and Collections. *Flora of the Guianas. Ser. A, Fasc. 9:* 37-39.
- _____, & T. Zanoni. 1991. Pinaceae. *Flora of the Guianas. Ser. A, Fasc. 9:* 19-22.
- _____, & _____. 1991. Gnetaceae. *Flora of the Guianas. Ser. A, Fasc. 9:* 12-18.
- Moretti, A., P. Caputo, L. Gaudio, & D. Stevenson. 1991. Intraspecific chromosome variation in *Zamia* (Zamiaceae, Cycadales). *Caryologia* 44: 1-10.
- Loconte, H., & D. Stevenson. 1991. Cladistics of the Magnoliidae. *Cladistics* 7: 267-296.
- Stevenson, D. 1991. The Zamiaceae in the Southeastern United States. *J. Arnold Arb. Suppl. Series 1:* 367-383.
- Caputo, P., D. Stevenson, & E. Wurtzel. 1991. A phylogenetic analysis of American Zamiaceae (Cycadales) using chloroplast DNA restriction fragment length polymorphisms. *Brittonia* 43: 135-145.
- _____, D. Stevenson, & A. Moretti. 1992. Sharpening Occam's razor. *Brittonia* 44: 376-382.
- Stevenson, D. 1992. A formal classification of the extant cycads. *Brittonia* 44: 220-223.
- _____. 1992. The route of South America cultivated plants to North America via Europe. In: *Atti del Convegno Internazionale Scambi Floristici Fra Vecchio e Nuovo Mondo:*

- Riflessi agro-selvicolturali e impatti naturalistico-ambientali e paesaggistici*. Ed. Convegno Internazionale Scambi Floristici Fra Vecchio e Nuovo Mondo. Pp. 71-79. Genoa, Italy.
- _____. 1992. Coniferophyta, Cycadophyta, & Gnetophyta. In: *Checklist of the plants of the Guianas*. Eds. J. Boggan, et al. Pp. 60-61. Smithsonian Institution, Washington, D. C.
- Stevenson, D. W., 1992. Correction: A Formal Classification of the Extant Cycads. *Brittonia*, 44(4): 422.
- _____. 1993. Ephedraceae. In: *Flora North America*. Vol. 2. Ed. Flora of North America Editorial Committee. Pp. 428-434. Oxford University Press, New York.
- _____. 1993. The Zamiaceae in Panama with comments on phytogeography and species relationships. *Brittonia* 45: 1-16.
- _____. 1993. The biogeography of the neotropical cycads and its bearing on the Refugium Theory. In: *The Biology, Structure and Systematics of the Cycadales: Proceedings Cycad 90, the Second International Conference on Cycad Biology*. Eds. D. W. Stevenson & K. Norstog. Pp. 383-384. Palm & Cycad Societies of Australia Ltd., Milton, Australia. 65
- _____. 1993. Angiosperms: Division Magnoliophyta. In: *Encyclopedia Britannica* Vol. 13. Pp. 604-628, 634. Encyclopedia Britannica, Inc., Chicago, Illinois.
- _____, & K. Norstog. 1993. Introduction. In: *The Biology, Structure and Systematics of the Cycadales: Proceedings Cycad 90, the Second International Conference on Cycad Biology*. Eds. D. W. Stevenson & K. Norstog. Pp. 1-2. Palm & Cycad Societies of Australia Ltd., Milton, Australia.
- _____, & R. Osborne. 1993. The world list of cycads. In: *The Biology, Structure and Systematics of the Cycadales: Proceedings Cycad 90, the Second International Conference on Cycad Biology*. Eds. D. W. Stevenson & K. Norstog. Pp. 354-364. Palm & Cycad Societies of Australia Ltd., Milton, Australia.
- Caputo, P., C. Marquis, D. Stevenson & E. Wurtzel. 1993. Molecular biology in cycad systematics. In: *The Biology, Structure and Systematics of the Cycadales: Proceedings Cycad 90, the Second International Conference on Cycad Biology*. Eds. D. W. Stevenson & K. Norstog. Pp. 213-219. Palm & Cycad Societies of Australia Ltd., Milton, Australia.
- Moretti, A., P. Caputo, S. Cozzolino, P. DeLuca, L. Gaudio, G. Siniscalco Gigliano & D. W. Stevenson. 1993. A phylogenetic analysis of *Dioon* (Zamiaceae). *Amer. J. Bot.* 80: 204-214.
- Meurer-Grimes, B. & D. Stevenson. 1993. Biflavones in *Chigua restrepoi* and *Stangeria eriopus*. *Planta Medica Suppl.* 125.
- Caputo, P., S. Cozzolino, A. Moretti, P. DeLuca & D. Stevenson. 1993. Cladistics of *Dioon* (Zamiaceae). *Giorn. Bot. Ital.* 127: 3.
- Nixon, K., W. Crepet, D. Stevenson, & E-M. Friis. 1994. A reevaluation of seed plant phylogeny. *Ann. Missouri Bot. Gard.* 81: 484-533.
- Meurer-Grimes, B & D. Stevenson. 1994. The biflavones of the Cycadales revisited: biflavones in *Stangeria eriopus*, *Chigua restrepoi*, and 32 other species in the Cycadales. *Biochem. Syst. Ecol.* 22: 595-603.
- Stevenson, D. & H. Loconte. 1995. A cladistic analysis of monocot families. In: *Monocotyledons: Systematics and Evolution*. Eds. P. Rudall, P. Cribb, D. Cutler, C. Humphries. Pp. 543-578. Royal Botanic Gardens, Kew.

- Loconte, H., L. Campbell, & D. Stevenson. 1995. Ordinal and familial relationships of the Ranunculid genera. *Pl. Syst. Evol. (Suppl.)* 9: 99-118.
- Chase, M.W., D. Stevenson, P. Wilkin, & P.J. Rudall. 1995. Monocot systematics: a combined analysis. *Monocotyledons: Systematics and Evolution*. Eds. P. Rudall, P. Cribb, D. Cutler, C. Humphries. Pp. 685-730. Royal Botanic Gardens, Kew.
- Stevenson, D., R. Osborne & K.D. Hill. 1995. The world list of cycads. *Proceedings of the Third International Conference on Cycad Biology*. Pp. 55-64. Cycad Society of South Africa.
- _____, P. DeLuca, A. Moretti, G. Siniscalco Gigliano, P. Caputo, S. Cozzolino, L. Gaudio, E.T. Wurtzel, & R. Osborne. 1995. Molecular systematics of cycads. *Proceedings of the Third International Conference on Cycad Biology*. Pp. 131-137. Cycad Society of South Africa.
- _____, K. Norstog, & D. Molsen. 1996. Midribs of cycad pinnae. *Brittonia* 48: 67-74.
- Caputo, P., S. Cozzolino, L. Gaudio, A. Moretti, & D. Stevenson. 1996. Karyology and phylogeny of some Mesoamerican species of *Zamia* (Zamiaceae). *Amer. J. Bot.* 83: 1513-1520.
- Stevenson, D. & H. Loconte. 1997. Ordinal and Familial Relationships of Pteridophyte Genera. In: *Pteridology in Perspective*. Eds. J. M. Camus, M. Gibby and R.J. Johns. Pp. 435-467. Royal Botanic Gardens, Kew.
- _____. 1997. Gnetaceae. In: *Guide to the Vascular Plants of Central French Guiana*. Mem. New York Bot. Gard. 76, Part 1: 162.
- _____. 1997. Cycadaceae, Gnetaceae, Pinaceae, Podocarpaceae, & Zamiaceae. In: *Checklist of the plants of the Guianas*. 2nd. Edition. Eds. J. Boggan, et al. Pp. 90, 112, 165, 175, & 209. Smithsonian Institution. Washington, D. C.
- _____. 1998. Mayacaceae. In: *The Families and genera of Vascular Plants*. Vol. IV. *Liliopsida*. Ed. K. Kubitzki & T. Steuzel. Pp. 294-296. Springer-Verlag, Berlin.
- _____, M. Colella, & B. Boom. 1998. Rapateaceae. In: *The Families and genera of Vascular Plants*. Vol. IV. *Liliopsida*. Ed. K. Kubitzki & T. Steuzel. Pp. 415- 424. Springer-Verlag, Berlin.
- Davis, J., M. Simmons, D. Stevenson, & J. Wendell. 1998. Data decisiveness, data quality, and incongruence in phylogenetic analysis: An example from the monocotyledons using mitochondrial atpA sequences. *Syst. Biol.* 47: 282-310.
- Gandolfo, M., K. Nixon, W. Crepet, D. Stevenson, & E. Friis. 1998. Oldest known fossils of monocots. *Nature* 394: 532-533.
- Stevenson, D., K. Norstog, & P. Fawcett. 1998. Pollination biology of cycads. In: *Reproductive Biology: In systematics, conservation, and economic botany*. Eds. S. Owens & P. Rudall. Pp. 277-294. Royal Botanic Gardens, Kew.
- _____, A. Moretti, & L. Gaudio. 1998. A new species of *Zamia* (Zamiaceae) from Belize and the Yucatan Peninsula of Mexico. *Delpinoa* 37-38: 3-8. [1995-1996].
- _____, S. Sabato, A. Moretti, & P. De Luca. 1998. What is *Zamia fischeri* Miquel? *Delpinoa* 37-38: 9-17. [1995-1996].
- Hill, K. & Stevenson, D. 1998-present. The Cycad Pages.
<http://plantnet.rbgsyd.gov.au/PlantNet/cycad/>.
- Chen, Chai-jui & D. Stevenson. 1999. Cycadaceae. In: *Flora of China*. Vol. 4: 1-7.

- Rudall, P., D. Stevenson, & H. Linder. 1999. Structure and systematics of *Hanguana*, a monocotyledon of uncertain affinity. *Aust. Syst. Bot.* 12: 311-330.
- Stevenson, D. 1999. Gnetaceae. *Flora of Venezuelan Guayana*. Vol. 5: 573-576.
- _____, 1999. Cupressaceae, Ephedraceae, Gnetaceae, Pinaceae, Podocarpaceae, Taxodiaceae, Zamiaceae. In: *Catalogue of the Vascular Plants of Ecuador*. Eds. P. M. Jorgensen & S. León-Yáñez, Pp. 189-190. Missouri Botanical Garden Press, St. Louis.
- Osborne, R., D. Stevenson, & K. Hill. 1999. The world list of cycads. *Proceedings of the Fourth International Conference on Cycad Biology*. Pp. 224-239. International Academic Publishers, Beijing.
- Artabe, A. & D. Stevenson. 1999. Fossil Cycadales of Argentina. *Bot. Rev.* 65: 219-239.
- González, F. & D. Stevenson. 2000. Perianth development and systematics of *Aristolochia*. *Flora* 195: 370-391.
- _____, & _____. 2000. Gynostemium development in *Aristolochia* (Aristolochiaceae). *Bot. Jahrb.* 122: 249-291.
- Hardy, C. & D. Stevenson. 2000. Development of the gametophytes, flower, and floral vasculature of in *Cochliostema odoratissimum* (Commelinaceae). *Bot. J. Linn. Soc.* 134: 131-157.
- _____, & _____. 2000. Floral organogenesis in some species of *Tradescantia* and *Callisia* (Commelinaceae). *Int. J. Pl. Sci.* 161: 551-562.
- _____, & _____, & H. Kiss. 2000. Development of the gametophytes, flower, and floral vasculature of in *Dichorisandra thyrsiflora* (Commelinaceae). *Amer. J. Bot.* 87: 1228-1239.
- Stevenson, D., J. Davis, J. Freudenstein, C. Hardy, M. Simmons, & C. Specht. 2000. A phylogenetic analysis of the monocotyledons based on morphological and molecular character sets, with comments on the placement of *Acorus* and Hydatellaceae. Pp. 17-24 in K. L. Wilson & D. A. Morrison (eds.), *Monocots: Systematics and Evolution*. CSIRO, Melbourne.
- Brenner, E. B., N. Barbosa, D. Stevenson, Q. Liang, A. Clark & G. Coruzzi. 2000. *Arabidopsis* mutants resistant to BMAA, a cycad-derived glutamate receptor agonist. *Plant Physiol.* 124: 1615-1624.
- Stevenson, D. 2001. Cycadaceae. *Flora Nicaragua !*: 2-3.
- _____. 2001. Zamiaceae. *Flora Nicaragua* 1: 6-7.
- _____. 2001. Cycadales. *Flora de Colombia* 21: 1-92.
- Lentz, D., D. Stevenson, & M. Tobin. 2001. Training the next generation of scientists: The Graduate Studies Program at the New York Botanical Garden. *Assoc. Syst. Coll. Newsl.* 29: 6-7.
- Specht, C., J. Kress, D. Stevenson, & R. DeSalle. 2001. A molecular phylogeny of the Costaceae (Zingiberales). *Mol. Phyl. Evol.* 21: 333-345.
- Daly, D., K. Cameron, & D. Stevenson. 2001. Plant systematics in the age of genomics. *Pl. Physiol.* 127: 1328-1333.
- Gonzalez, F. A. & D. Stevenson. 2002. A phylogenetic analysis of the subfamily Aristolochioideae (Aristolochiaceae). *Rev. Acad. Colomb. Cienc.* 26(98):25-60.
- Stevenson, D. 2002. Angiosperms. Pp. 126-132 in N. Eldredge (ed.), *Life on Earth*. Vol. 1. ABC-CLIO, Inc., Santa Barbara.

- _____. 2002. Botany. Pp. 197- 200 in N. Eldredge (ed.), Life on Earth. Vol. 1. ABC-CLIO, Inc., Santa Barbara.
- _____. 2002. Gymnosperms. Pp. 399- 404 in N. Eldredge (ed.), Life on Earth. Vol. 1. ABC-CLIO, Inc., Santa Barbara.
- Michelangeli, F. A., J. I. Davis, & D. Stevenson. 2003. Phylogenetic relationships among Poaceae and related families as inferred from morphology, inversions in the chloroplast genome, and sequence data from the mitochondrial and plastid genomes. *Amer. J. Bot.* 90: 93-106.
- Seberg, O., C.J. Humphries, S. Knapp, D. Stevenson, G. Petersen, N. Scharff, & N.M. Andersen. 2003. Shortcuts in systematics? A commentary on DNA-based taxonomy. *Trends Ecol. Evol.* 18: 63-65.
- Donaldson, J., K. Hill, & D. W. Stevenson. 2003. Cycads of the world: an overview. Pp. 3-8. in J. Donaldson (ed.), *Cycads: Status, Survey, and Conservation Action Plan*. IUCN/SSC Cycad Specialist Group. IUCN. Gland, Switzerland.
- Stevenson, D. W., A. Vovides, & J. Chemnick 2003. Regional Overview: New World. Pp. 31-38. in J. Donaldson (ed.), *Cycads: Status, Survey, and Conservation Action Plan*. IUCN/SSC Cycad Specialist Group. IUCN. Gland, Switzerland.
- Nixon, K., J. Carpenter, & D. Stevenson. 2003. The Phylocode is fatally flawed, and the "Linnean" system can easily be fixed. *Bot. Rev.* 69: 111-120.
- Brenner, E., D. Stevenson, & R. Twigg. 2003. Cycads: Evolutionary innovations and the role of plant-derived neurotoxins. *Trends in Plant Science* 8: 446-452.
- _____, _____, R. McCombie, M. Katari, S. Rudd, K. Mayer, P. Palenchar, S. Runko, R. Twigg, G. Dai, R. Martienssen, P. Benfey, & G. Coruzzi. 2003. Expressed sequence tag analysis in *Cycas*, the most primitive living seed plant. *Genome Biology* 4: R78.1-R78.11.
- Litt, A. & D. Stevenson. 2003. Floral development and morphology of Vochysiaceae. I. The structure of the gynoecium. *Amer. J. Bot.* 90: 1533-1547.
- _____ & _____. 2003. Floral development and morphology of Vochysiaceae. II. The position of the single fertile stamen. *Amer. J. Bot.* 90: 1548-1559.
- Hill, K., M. Chase, D. Stevenson, H. Hills, & B. Schutzman. 2003. The families and genera of cycads: a molecular phylogenetic analysis of Cycadophyta based on nuclear and plastid DNA. *Int. J. Plant Sci.* 164: 933-948.
- Calderón-Sáenz, E. & D. Stevenson. 2003. Una nueva especie de *Zamia* L. (Zamiaceae) de Los Andes de Colombia y clave actualizada para las especies del género en Colombia. *Rev. Acad. Colomb. Cienc.* 27(105):485-490.
- Hiranthi J., B. Kithsiri, B. Herath, J. G. Ondeyka, J. D. Polishook, G. F. Bills, A. W. Dombrowski, M. S. Springer, S. Siciliano, L. Malkowitz, M. Sanchez, Z. Guan, S. Tiwari, D. W. Stevenson, R. P. Borris, & S. B. Singh. 2004. Isolation and Structure of Antagonists of Chemokine Receptor (CCR5). *J. Nat. Prod.*, 67 (6), 1036 -1038.
- Smith, N., S. Mori, A. Henderson, D. Stevenson, and S. Heald. 2004. Introduction. Pp. XVII-XX in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.

- _____, _____, _____, _____, & _____. 2004. Appendix I: Glossary. Pp. 497-521 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- _____, _____, _____, _____, & _____. 2004. Appendix II: Aids to Identification. Pp. 535-562 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- _____ & D. Stevenson. 2004. Haloragaceae. Pp. 178-179 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- _____. 2004. Aizoaceae, pp. 10-11; Bonnetiaceae, pp. 58-59; Hamamelidaceae, pp. 179-180; Ternstroemiaceae, pp. 367-368; Tetrameristicaceae, pp. 368-369; Ticodendraceae, pp. 374-375; Anthericaceae, pp. 412-413; Calochortaceae, pp. 423; Calochortaceae, pp. 423; Cymodoceaceae, pp. 433-434; Dracaenaceae, pp. 438-439; Eriocaulaceae, pp. 439-441; Hypoxidaceae, pp. 447; Laxmanniaceae pp. 453-454; Mayacaceae, pp. 459-460; Nolinaceae, pp. 464; Phormiaceae, pp. 469; Rapateaceae, pp. 477-479; Taccaceae, pp. 483-484; Tecophileaceae, pp. 484; Thurniaceae, pp. 486-487; Typhaceae, pp. 488-489; and Zosteraceae, pp.498 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton. 158
- _____. & J. Stevenson. 2004. Theaceae, pp. 369-370; Cannaceae, pp. 424-425; Costaceae, pp. 429-431; Heliconiaceae, pp. 442-443; Marantaceae, pp. 457-458; Musaceae, pp. 462-463; Strelitziaceae, pp. 482-483; and Zingiberaceae, pp.494-495 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- Boom, B. & D. Stevenson. 2004. Tepuianthaceae. Pp. 366-367 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- Henderson, A. & D. Stevenson. 2004. Burmanniaceae, pp. 421-423; Corsiaceae, pp. 429; and Herriaceae, pp. 444 in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- Stevenson, D. 2004. Zamiaceae of Bolivia, Ecuador, and Peru. Pp. 173-194 in T. Walters & R. Osborne (eds), *Cycad Classification: Concepts and Recommendations*. CABI Publishing, Oxford.
- Chen, Chai-Jui, K. D. Hill, & D. Stevenson. 2004. Comments on *Cycas*, *Dyerocycas*, and *Epicycas* (Cycadaceae). Pp. 57-68 in T. Walters & R. Osborne (eds), *Cycad Classification: Concepts and Recommendations*. CABI Publishing, Oxford.
- Caputo, P., S. Cozzolino, P. De Luca, A. Moretti, & D. Stevenson. 2004. Molecular phylogeny of *Zamia*. Pp. 149-158 in T. Walters & R. Osborne (eds), *Cycad Classification: Concepts and Recommendations*. CABI Publishing, Oxford.
- Hill, K., D. Stevenson, & R. Osborne. 2004. Appendix 1: The World List of Cycads. Pp. 219-236 in T. Walters & R. Osborne (eds), *Cycad Classification: Concepts and Recommendations*. CABI Publishing, Oxford.
- Barkley, T. M., P. DePriest, V. Funk, R. W. Kiger, W. J. Kress, J. McNeill, G. Moore, D. Nicholson, D. Stevenson & Q. Wheeler. 2004. A review of the *International Code of Botanical Nomenclature* with respect to its compatibility with phylogenetic classification. *Taxon* 53: 159-161.

- Moore, G., T. M. Barkley, P. DePriest, V. Funk, R. W. Kiger, W. J. Kress, D. Nicholson, D. Stevenson & Q. Wheeler. 2004. Proposals to amend Article 3.1, Article 22.3, and Article 26.3. *Taxon*: 53: 214.
- Norstog, K., E. M. Gifford, & D. Stevenson. 2004. Comparative development of the spermatozoids of cycads and *Ginkgo biloba*. *Bot. Rev.* 70: 5-15.
- Stevenson, D. 2004. Cycads of Colombia. *Bot Rev.* 70: 194-234.
- Artabe, A., A. Zamuner, & D. Stevenson. 2004. Two new petrified cycad stems, *Brunoa* gen. nov. And *Worsdellia* gen. nov., from the Cretaceous of Patagonia (Bajo De Santa Rosa, Province of Rio Negro), Argentina. *Bot. Rev.* 70: 121-133.
- Dower, B., R. Bateman, & D. Stevenson. 2004. Systematic, ontogenetic and phylogenetic Implications of exceptional anatomically preserved cycadophyte leaves from the Middle Jurassic of Bearreraig Bay, Skye, Northwest Scotland. *Bot. Rev.* 70: 105-120.
- Hill, K., D. Stevenson, & R. Osborne. 2004. The World List of Cycads. *Bot. Rev.* 70: 274-298.
- Davis, J., D. Stevenson, G. Petersen, O. Seberg, L. Campbell, J. Freudenstein, D. Goldman, C. Hardy, F. Michelangeli, M. Simmons, C. Specht, F. Vergara-Silva, & M. Gandolfo. 2004. A Phylogeny of the monocots, as Inferred from *rbcL* and *atpA* sequence variation, and a comparison of methods for calculating jackknife and bootstrap values. *Syst. Bot.* 29: 467-510.
- Hardy, C., D. Stevenson, & J. Davis. 2004. Floral organogenesis in *Plowmanianthus* (Commelinaceae). *Int. J. Pl. Sci.* 165: 511-519.
- Jayasuriya, H., K. B. Herath, J. G. Ondeyka, Z. Guan, R. P. Borris, S. Tiwari, W. deJong, F. Chavez, J. Moss, D. W. Stevenson, H. Beck, M. Slattery, N. Zamora, M. J. Schulman, A. Ali, N. Sharma, K. MacNaul, N. Hayes, J. G. Menke, & S. B. Singh. 2005. Diterpenoid, Steroid, and Triterpenoid Agonists of Liver X Receptors from Diversified Terrestrial Plants and Marine Sources. *J. Nat. Prod.*, 68 (8), 1247 -1252,
- Herath, K. B., H. Jayasuriya, J. G. Ondeyka, Z. Guan, R. P. Borris, E. Stijfhoorn, D. Stevenson, J. Wang, N. Sharma, K. MacNaul, J. G. Menke, A. Ali, M. J. Schulman & S. B. Singh. 2005. Guttiferone I, a New Prenylated Benzophenone from *Garcinia humilis* as a Liver X Receptor Ligand. *J. Nat. Prod.* 68: 617-619.
- Ondeyka, J. G., K. B. Herath, H. Jayasuriya, J. n D. Polishook, G. F. Bills, A. W. Dombrowski, M. Mojena, G. Koch, J. DiSalvo, J. DeMartino, Z. Guan, W. Nanakorn, C. M. Morenberg, M. J. Balick, D. W. Stevenson, M. Slattery, R. P. Borris, & S. B. Singh. 2005. Discovery of structurally diverse natural product antagonists of chemokine receptor CXCR3. *Molecular Diversity* 9: 123–129.
- Brenner, E. & D. Stevenson. 2005. Using genomics to study evolutionary origins of seeds. Pp. 1- 21 in C. Williams (ed), *Landscapes, Genomics, and Transgenic Conifers*. Springer-Verlag, Berlin.
- Brenner, E.D., M.S. Katari, D.W. Stevenson, S.A. Rudd, A.W. Douglas, W.N. Moss, R.W. Twigg, S.J. Runko, G.M. Stellari, R. W. McCombie, & G. M. Coruzzi. 2005. EST analysis in *Ginkgo biloba*: an assessment of conserved developmental regulators and gymnosperm specific genes. *BMC Genomics* 6:143-152.
- Artabe, A., A. Zamuner, & D. Stevenson. 2005. Fossil Zamiaceae-Encephalartoideae stems: a new genus and reappraisal of the known forms. *Alcheringa* 29 (1): 87-100.

- Hermesen, E., E. Taylor, T. Taylor, & D. Stevenson. 2006. Cataphylls of the middle Triassic cycad *Antarcticycas schopffii* and new insights into cycad evolution. *Amer. J. Bot.* 93: 724–738. 2006.
- Specht, C. & D. Stevenson. 2006. A new phylogeny-based generic classification of Costaceae (Zingiberales). *Taxon* 55: 153-163.
- Campbell, L. & D. Stevenson. 2006. Vegetative anatomy of *Aratitiopea lopezii* (Xyridaceae). *Acta Botanica Venezuelica* 28: 395-407.
- Stevenson, D. 2006. Zamiaceae. *Flora of Venezuelan Guayana*. Vol. 9: 575-576.
- de la Torre, J., M. G. Egan, M. Katari, E. D. Brenner, D. W. Stevenson, G. M. Coruzzi, & R. DeSalle. 2006. ESTimating plant phylogeny: lessons from partitioning. *BMC Evolutionary Biology* 6:48-87.
- Petersen, G., O. Seberg, J. Davis, D. Stevenson, M. Chase, J. Pires, M. Fay, L. Campbell, J. Freudenstein, D. Goldman, C. Hardy, F. Michelangeli, M. Simmons, & C. Specht. 2006. Mitochondrial data in monocot phylogenetics. *Aliso*: 52-62.
- Henderson, F. & D. Stevenson. 2006. A phylogenetic study of the Arecaceae based on seedling morphological and anatomical data. *Aliso*: 251-264.
- Pires, J., I. Maureira, T. Givnish, K. Sytsma, O. Seberg, G. Petersen, J. Davis, D. Stevenson, P. Rudall, M. Fay, & M. Chase. 2006. Phylogeny, genome size, and chromosome evolution of Asparagales. *Aliso*: 287-304.
- Chase, M., M. Fay, D. Devey, N. Rønsted, J. Davies, Y. Pillon, G. Petersen, O. Seberg, C. Asmussen, K. Hilu, T. Borsch, J. Davis, D. Stevenson, J. Pires, & S. Graham. 2006. Multi-gene analyses of monocot relationships: a summary. *Aliso*: 63-76.
- Leebens-Mack, J., T. Vision, E. Brenner, J. E. Bowers, S. Cannon, M. J. Clement, C. W. Cunningham, C. DePamphilis, R. DeSalle, J. J. Doyle, J. A. Eisen, Xun Gu, J. Harshman, R. K. Jansen, E. A. Kellogg, E. V. Koonin, B. D. Mishler, H. Philippe, J. C. Pires, Y-L. Qiu, S. Y. Rhee, K. Sjölander, D. E. Soltis, P. S. Soltis, D. W. Stevenson, K. Wall. 2006. Taking the First Steps towards a Standard for Reporting on Phylogenies: Minimum Information about a Phylogenetic Analysis (MIAPA). *OMICS* 10: 231-237.
- Petersen, G., O. Seberg, J. Davis, & D. Stevenson, 2006. RNA editing and phylogenetic reconstruction in two monocot mitochondrial genes. *Taxon* 55: 871-886.
- Davis, J. I., G. Petersen, O. Seberg, D. Stevenson, C. Hardy, M. Simmons, F. Michelangeli, D. Goldman, L. Campbell, C. Specht, & J. Cohen. 2006. Are mitochondrial genes useful for the analysis of monocot relationships? *Taxon* 55: 857-870.
- Ayers, S., D. Zinka, K. Mohn, J. Powell, C. Brown, T. Murphy, R. Brand, S. Pretorius, D. Stevenson, D. Thompson, & S. Singh. 2007. Scutiaquinones A and B, Perylenequinones from the roots of *Scutia myrtina* with anthelmintic activity. *J. Nat. Prod.* 70: 425-427.
- Little, D. P. & D. W. Stevenson. 2007. A comparison of algorithms for the identification of specimens using DNA barcodes: examples from gymnosperms. *Cladistics* 22:1-21.
- Rudall, P. J., D. D. Sokoloff, M. V. Remizowa, J. G. Conran, J. I. Davis, T. D. Macfarlane, & D. W. Stevenson. 2007. Morphology of Hydatellaceae, an anomalous aquatic family recently recognized as an early-divergent angiosperm lineage. *Amer. J. Bot.* 94(7): 1073–1092. 2007.

- Little, D. P., R. C. Moran, E. D. Brenner, & D. W. Stevenson. 2007. Nuclear genome size in *Selaginella*. *Genome* 50: 351-356.
- Douglas, A., D. Stevenson, & D. Little. 2007. Ovule development in *Ginkgo biloba* L., with emphasis on the collar and nucellus. *Int. J. Plant Sci.* 168(9):1207–1236.
- Brenner E. D., D. W. Stevenson, M. S. Katari, R. W. McCombie, S. A. Rudd, S. J. Runko, R. A. Martienssen, & G. M. Coruzzi. 2007. Genomic studies in *Cycas rumphii* Miquel. *Mem. New York Bot. Gard.* 97: 181-193.
- _____, _____, J. Chiu, S. J. Runko, P. M. Palenchar, & G. M. Coruzzi. 2007. Defining the role of BMAA and its potential glutamate receptor targets in *Arabidopsis thaliana* and *Cycas rumphii*. *Mem. New York Bot. Gard.* 97: 236-253.
- Hill, K. D., D. W. Stevenson, & R. Osborne. 2007. The World List of Cycads [La Lista Mundial de Cíadas]. *Mem. New York Bot. Gard.* 97: 454-483.
- Meerow, A. W., D. W. Stevenson, J. Moynihan, & J. 2007. Francisco-Ortega. Unlocking the coontie conundrum: the potential of microsatellite DNA studies in the Caribbean *Zamia pumila* complex (Zamiaceae). *Mem. New York Bot. Gard.* 97: 484-518.
- Campbell, L. & D. Stevenson. 2007. Inflorescence architecture and floral morphology of *Aratitoyopea lopezii* (Xyridaceae). *Aliso* 23: 227-234.
- Hermesen, E., T. Taylor, E. Taylor, & D. Stevenson. 2007. Cycads from the Triassic of Antarctica: permineralized cycad leaves. *Int. J. Plant Sci.* 168:1099–1112.
- Ayers, S., D. L. Zinka, K. Mohn, J. S. Powell, C. M. Brown, T. Murphy, R. Brand, S. Pretorius, D. Stevenson, D. Thompson, & S. B. Singh. 2008. Flavones from *Struthiola argentea* with anthelmintic activity *in vitro*. *Phytochemistry* 69: 541–545.
- Ayers, S., D. L. Zinka, R. Brand, S. Pretorius, D. Stevenson, & S. Singh. 2008. Struthiolanone: A Flavanone-Resveratrol Adduct from *Struthiola argentea*. *Nat. Prod. Comm.* 3: 189-192.
- Nicolalde-Morejón, F., A. P. Vovides, D. W. Stevenson, and V. Sosa. 2008. The identity of *Zamia katzeriana* and *Z. verschaffeltii* (Zamiaceae). *Brittonia* 60:38-48.
- Cutler, D. F., T. Botha, & D. W. Stevenson. 2008. *Plant Anatomy: An Applied Approach*. 302 pp. plus a CD. Blackwell Publishing, Oxford.
- Rudall, P. J., V. Remizowam, A. S. Beer, E. Bradshaw, D. W. Stevenson, T. D. MacFarlane, R. E. Tuckett, S. R. Yadav & D. D. Sokoloff. 2008. Comparative ovule and megagametophyte development in Hydatellaceae and water lilies reveal a mosaic of features among the earliest angiosperms. *Ann. Bot.* 101: 941-956.
- Osborne, R., D. Stevenson, & A. Vovides. 2008. What is *Ceratozamia fuscoviridis*? *Delpinoia* 48: 5-10. [2006]
- de la Torre-Bárcena, E. S. Kolokotronis, E. K. Lee, D. W. Stevenson, E. D. Brenner, M. S. Katari, G. M. Coruzzi, & R. DeSalle. 2009. The Impact of Outgroup Choice and Missing Data on Major Seed Plant Phylogenetics Using Genome-Wide EST Data. *PLoS ONE* 4(6): e5764.
- Nicolalde-Morejón, F., A. P. Vovides & D. W. Stevenson. 2009. Taxonomic revision of *Zamia* in Mega-Mexico. *Brittonia* 61: 1-38.
- Crane, P., S. Hopper, P. Raven, & D. Stevenson. 2009. Plant science research in botanic gardens. *Trends in Pl. Science* 14: 575-577.

- Hernández-Hernández, V., T. Terrazas, D. Stevenson 2009. Ontogeny of *Ctenitis melanosticta* (Kunze) Copel. and *Diplazium expansum* Willd. (Dryopteridaceae) fronds with emphasis on the circumendodermal sheath. *Feddes Repertorium* 120: 7–8, 426–442.
- Calonje, M., D. W. Stevenson, C. Calonje, Y. A. Ramos, & A. Lindstrom. 2010. A New Species of *Zamia* from Chocó, Colombia (Cycadales, Zamiaceae). *Brittonia* 62: 80-85.
- Calonje, M., A. W. Meerow & D. W. Stevenson. 2010. The typification of *Zamia erosa* and the priority of that name over *Z. amblyphyllidia*. *Taxon* 59: 637-642.
- Artabe, A., A. Zaummer, & D. Stevenson. 2010. *Neochamberlainia*, a new name for *Chamberlainia* Artabe, Zamuner & D. W. Stev. (Zamiaceae) non *Chamberlainia* Grout (Brachytheciaceae) *Brittonia* 62: 95.
- Crepet, W. & D. Stevenson. 2010. The Bennettitales (Cycadeoidales): a preliminary perspective on this arguably enigmatic group. Pp. 215- 246 in C. Gee (ed), *Plants in Mesozoic Time*. Indiana University Press, Bloomington.
- Schulz, C. J., D. P. Little, D. W. Stevenson, D. Bauer, C. Moloney & T. Stutzel An overview of the morphology, anatomy, and life cycle of a new model species: the lycophyte *Selaginella apoda* (L.) Spring. *Int. J. Plant Sci.* 171(7): 693–712. 2010.
- Cibrian-Jaramillo, A., J. E. De la Torre-Bárcena, E. K. Lee, M. S. Katari, D. P. Little, D. W. Stevenson, R. Martienssen, G. M. Coruzzi, & R. DeSalle. 2010. Using Phylogenomic Patterns and Gene Ontology to Identify Proteins of Importance in Plant Evolution. *Genome Biol. Evol.* 2:225-239.
- Cuenca, A., G. Petersen, O. Seberg, J. Davis, & D. Stevenson. 2010. Are substitution rates and RNA editing correlated? *BMC Evolutionary Biology* 10: 349-64.
- Schulz, C., D. P. Little, DW. . Stevenson, A. Nowogrodzki, & D. Paquiot. 2010. Growth and Care Instructions of a New Model Species—the Lycophyte *Selaginella apoda*. *American Fern Journal*, 100(3):167-171.
- Nicolalde-Morejon, F., F. Vergara-Silva, J. Gonzalez-Astorga, D. W. Stevenson, A. P. Vovides & V. Sosa. 2010. A character-based approach in the Mexican cycads supports diverse multigene combinations for DNA barcoding. *Cladistics* 27: 150-164.
- Givnish, T., M. Ames, J. R. McNeal, M. R. McKain, P. R. Steele, Cl. W. dePamphilis, S. W. Graham, J. C. Pires, D. W. Stevenson, W. B. Zomlefer, B. G. Briggs, M. R. Duvall, M. J. Moore, J. M. Heaney, D. E. Soltis, P. S. Soltis, K. Thiele, & J. H. Leebens-Mack. 2010. Assembling the Tree of the Monocotyledons: Plastome Sequence Phylogeny and Evolution of Poales. *Ann. Mo. Bot. Gard.* 97: 584-616.
- Nicolalde-Morejon, F., F. Vergara-Silva, J. Gonzalez-Astorga, & D. W. Stevenson. 2011. Character-based, population-level DNA barcoding in Mexican species of *Zamia* L. (Zamiaceae: Cycadales). *Mitochondrial DNA* 21: 51-59.
- Osborne, R. & D. Stevenson. 2011. Focus on *Zamia wallisii* A. Braun. *Encephartos* 104: 13-17.
- Lee, E.K., A. Cibrian-Jaramillo, S-O. Kolokotronis, M. S. Katari, A. Stamatakis, M. Ott, J. C. Chiu, D. P. Little, D. W. Stevenson, W. R. McCombie, R. A. Martienssen, G. Coruzzi, & R. DeSalle. 2011. A Functional Phylogenomic View of the Seed Plants. *PLoS Genet* 7(12): e1002411. doi:10.1371/journal.pgen.1002411
- Calonje, M., H.E. Esquivel, D.W. Stevenson, C. Calonje, & D. Pava. 2011. A new arborescent species of *Zamia* from the Central Cordillera of Tolima, Colombia

- (Cycadales, Zamiaceae), with comments on the *Z. poeppigiana* species complex. *Brittonia* 63: 442-451.
- Stevenson, D.W. & J.L. Reveal. 2011. (2004) Proposal to conserve the name *Zamia integrifolia* (Cycadaceae) with a conserved type. *Taxon* 60: 594-595.
- Remizowa, M.V., D.D. Sokoloff, L.M. Campbell, D. W. Stevenson, & P.J. Rudall. 2011. *Harperocallis* is congeneric with *Isidrogalvia* (Tofieldiaceae, Alismatales): Evidence from comparative floral morphology. *Taxon* 60: 1076-1094.
- Sokoloff, D.D., M.V. Remizowa, L.M. Campbell, D.W. Stevenson, P.J. Rudall, & K.N. Gandhi. 2011. (2020) Proposal to conserve the name *Isidrogalvia* (Tofieldiaceae) with a conserved type. *Taxon* 60: 909.
- Vovides, A.P., S. Avendaño, M. A. Pérez-Farrera, & D. W. Stevenson. 2012. What is *Ceratozamia brevifrons* (Zamiaceae)? *Brittonia*, 64: 35–42.
- Seberg, O., G. Petersen, J. I. Davis, J. C. Pires, D. W. Stevenson, M. W. Chase, M. F. Fay, D. S. Devey, T. Jørgensen, K. J. Sytsma, & Y. Pillon. 2012. Phylogeny of the Asparagales based on three plastid and two mitochondrial genes. *Am. J. Bot.* 99: 875-889.
- Jiao, Y., J. Leebens-Mack, S. Ayyampalayam, J. E. Bowers, M. R. McKain, J. McNeal, M. Rolf, D. R. Ruzicka, E. Wafula, N. J. Wickett, X. Wu, Y. Zhang, J. Wang, Y. Zhang, E. J. Carpenter, M. K. Deyholos, T. M. Kutchan, A. S. Chanderbali, P. S. Soltis, D. W. Stevenson, R. McCombie, J. Chris Pires, G. Ka-Shu Wong, D. E. Soltis, & C. W. dePamphilis. 2012. A genome triplication associated with early diversification of the core eudicots. *Genome Biology* 13: R3
- Graça Sajo, M., N. Pabón-Mora, J. Jardim, D. W. Stevenson, & P. J. Rudall. 2012. Homologies of the flower and inflorescence in the early-divergent grass *Anomochloa* (Poaceae). *Am. J. Bot.* 99: 612-628.
- Lens, F., L. Cooper, M. A. Gandolfo, A. Groover, P. Jaiswal, B. Lachenbruch, R. Spicer, M. E. Staton, D. W. Stevenson, R. L. Walls & J. Wegrzyn. 2012. An extension of the Plant Ontology project supporting wood anatomy and development research. *IAWA Journal* 33: 113–117.
- Knopf, P., C. Schulz, D. P. Little, T. Stützel & D. W. Stevenson. 2012. Relationships within Podocarpaceae based on DNA sequence, anatomical, morphological, and biogeographical data. *Cladistics* 28: 271–299.
- Walls, R. L., B. Athreya, L. Cooper, J. Elser, M. A. Gandolfo, P. Jaiswal, C. J. Mungall, J. Preece, S. Rensing, B. Smith, & D. Stevenson. 2012. Ontologies as integrative tools for plant science. *Am. J. Bot.* 99: 1263-1275.
- Taylor, A., J. L. Haynes, D. W. Stevenson, G. Holzman & J. Mendieta. 2012. Biogeographic Insights in Central American Cycad Biology. Pp. 73-98 *In*: Stevens, L. (ed.) *Global Advances in Biogeography*. Intech, Janeza Trdine 9, 51000 Rijeka, Croatia
- Griffith, M. P., M. A. Calonje, D. W. Stevenson, C. E. Husby, & D. P. Little. 2012. Time, Place, and Relationships: Cycad Phenology in a Phylogenetic and Biogeographic Context. *Mem. New York Bot. Gard.* 106: 59-81.
- Meerow, A., J. Francisco-Ortega, T. Ayala-Silva, D. W. Stevenson, & K. Nakamura. 2012. Population Genetics of *Zamia* in Puerto Rico, a Study with Ten SSR Loci. *Mem. New*

- York Bot. Gard. 106: 204-223.
- Calonje, M. A., A. S. Taylor B., D. W. Stevenson, G. Holzman, & Y. A. Ramos. 2012. *Zamia lindleyi*: A Misunderstood Species from the Highlands of Western Panama. Mem. New York Bot. Gard. 106: 419-437.
- Moynihan, J., D. W. Stevenson, C. E. Lewis, A. P. Vovides, P. Caputo, & J. Francisco-Ortega. 2012. A Phylogenetic Study of *Dioon* Lindl. (Zamiaceae, Cycadales) Based on Morphology, Nuclear Ribosomal DNA, a Low- copy Nuclear Gene and Plastid RFLPs. Mem. New York Bot. Gard. 106: 448-479.
- Osborne, R., M. A. Calonje, K. D. Hill, L. Stanberg, & D. W. Stevenson. 2012. The World List of Cycads. Mem. New York Bot. Gard. 106: 480-508.
- Wheeler, Q. D., S. Knapp, D. W. Stevenson, J. Stevenson, S. D. Blum, B. M. Boom, G. G. Borisy, J. L. Buizer, M. R. De Carvalho, A. Cibrian, M. J. Donoghue, V. Doyle, E. M. Gerson, C. H. Graham, P. Graves, S. J. Graves, R. P. Guralnick, A. L. Hamilton, J. Hanken, W. Law, D. L. Lipscomb, T. E. Lovejoy, H. Miller, J. S. Miller, S. Naeem, M. J. Novacek, L. M. Page, N. I. Platnick, H. Porter-Morgan, P. H. Raven, M. A. Solis, A. G. Valdecasas, S. Van Der Leeuw, A. Vasco, N. Vermeulen, J. Vogel, R. L. Walls, E. O. Wilson & J. B. Woolley. 2012. Mapping the biosphere: exploring species to understand the origin, organization and sustainability of biodiversity. Systematics and Biodiversity 10(1): 1-20.
- Meerow, A. W., J. Francisco-Ortega, M. Calonje, M. P. Griffith, T. Ayala-Silva, D. W. Stevenson, & K. Nakamura. 2012. *Zamia* (Cycadales: Zamiaceae) on Puerto Rico: asymmetric genetic differentiation and the hypothesis of multiple introductions. 2012. Amer. J. Bot. 99: 1828-1829.
- Calonje, M., H. E. Esquivel, G. Morales, Y. A. Mora-Lizcano, & D. Stevenson. 2012. A New Arborescent Species Of *Zamia* (Cycadales, Zamiaceae) from the Department of Huila, Eastern Cordillera of Colombia. Calsasia 34(2): 283-290.
- Walls, R.L., Cui, H., Macklin, James A., Mungall, Chris, Cooper, Laurel D., Stevenson, D.W., and Jaiswal, P. 2012. Mapping of glossary terms from the Flora of North America to the Plant Ontology enhances both resources. In Proceedings of the 3rd International Conference on Biomedical Ontology (ICBO 2012), R. Cornet, and R. Steven, eds. (Graz, Austria).
- Johnson, M. T., Carpenter, E. J., Tian, Z., Stevenson, D. & Wong, G. K. 2012. Evaluating Methods for Isolating Total RNA and Predicting the Success of Sequencing Phylogenetically Diverse Plant Transcriptomes. PLoS One 7(11): e50266.
- Baker, D. A., D. W. Stevenson, and D. P. Little. 2012. DNA barcode identification of black cohosh herbal dietary supplements. The Journal of AOAC International 95 (4): 1023–1034.
- Cooper, L., Walls, R., Elser, J., Gandolfo, M., Stevenson, D., Smith, B., Jaiswal, P. 2013. The Plant Ontology As A Tool for Comparative Plant Anatomy and Genomic Analyses. Plant and Cell Physiology 54(2): e1 (1–23) doi: 10.1093/pcp/pcs163.
- Stevenson, D. 2013. Gymnosperms. Annual Plant Reviews, Volume 45, The Evolution of Plant Form. Pp. 141-163.
- Lee, D. & D. Stevenson. 2013. In Memoriam – David E. Fairbrothers – 1925-2012. Plant Science Bulletin 59: 9-11.

- Lindström, A.J., M. Calonje, D. Stevenson, C. Husby & A. Taylor. 2013. Clarification of *Zamia acuminata* and a new *Zamia* species from Coclé Province, Panama. *Phytotaxa* 98 (2): 27–42.
- Burleigh G, Alphonse K, Alverson AJ, Bik HM, Blank C, Cirranello AL, Cui H, Daly M, Dietterich TG, Gasparich G, Irvine J, Julius M, Kaufman S, Law E, Liu J, Moore L, O'Leary MA, Passarotti M, Ranade S, Simmons NB, Stevenson DW, Thacker RW, Theriot EC, Todorovic S, Velazco PM, Walls RL, Wolfe JM, Yu M. Next-generation phenomics for the Tree of Life. *PLoS Curr.* 2013 June 26; 5: doi: 10.1371/currents.tol.085c713acafc8711b2ff7010a4b03733
- Davis, J., J. McNeal, C. Barrett, M. Chase, J. Cohen, M. Duvall, T. Givinish, S. Graham, G. Petersen, J. Pires, O. Seberg, D. Stevenson, & J. Leebens-Mack. 2013. Contrasting patterns of support among plastid genes and genomes for major clades of the monocotyledons. *Systematics Association* 83: 315 -349.
- Salas-Leiva, D., A. Meerow, M. Calonje, M Griffith, J. Francisco-Ortega, D. Stevenson, K. Nakamura, C. Lewis, & S. Namoff. 2013. Phylogeny of the cycads based on multiple single copy nuclear genes: congruence of concatenated parsimony, likelihood, and species tree inference methods. *Annals of Botany* 112 (7): 1263-1278.
- Zalewski, C., S. K. Floyd, C. Furumizu, K. Sakakibara, D. W. Stevenson & J. L. Bowman. 2013. Phylogeny of Class IV HD-Zip genes and the evolution of epidermal complexity in land plants. *Mol. Biol. Evol.* 30(10): 2347-2365.
- Rothfels C. J., A. Larsson, Fay-Wei Li, E. M. Sigel, Layne Huiet, D. O. Burge, M. Ruhsam, S. Graham, D. Stevenson, G. Ka-Shu Wong, P. Korall, & K. M. Pryer. Transcriptome-mining for Single-copy Nuclear Regions in Ferns. *PLoS ONE* 8(10): e76957. doi:10.1371/journal.pone.0076957.
- Barrett, C. F., J. I. Davis, J. Leebens-Mack, J. G. Conran & D. W. Stevenson. 2013. Plastid genomes and deep relationships among the commelinid monocot angiosperms. *Cladistics* 29: 65-87.
- Nicolalde-Morejón, F. , J. González-Astorga, F. Vergara-Silva, D. W. Stevenson, O. Rojas-Soto & A. Medina-Villarreal. 2014. Biodiversidad de Zamiaceae en México. *Revista Mexicana de Biodiversidad* 84-4, 2014. DOI: 10.7550/rmb.31834
- Barrett, C.F., C. D. Specht, J. Leebens-Mack, D. W. Stevenson, W. B. Zomlefer, & J. I. Davis. 2014. Resolving ancient radiations: can complete plastid gene sets elucidate deep relationships among the tropical gingers (Zingiberales). *Annals of Botany* 113 (1): 119-133.
- Salas-Leiva, D. E., A. Meerow, J. Francisco-Ortega, M. Calonje, M. P. Griffith, D. W. Stevenson & K. Nakam. 2014. Conserved genetic regions across angiosperms as tools to develop single copy nuclear markers in gymnosperms: an example using cycads. *Molecular Ecology Resources* DOI: 10.1111/1755-0998.12228
- Fay-Wei Li, F-W, J. C. Villarreal, S. Kelly , C. J. Rothfels, M. Melkonian, E. Frangedakis, M. Ruhsam, E. M. Sigel, J. P. Der, J. Pittermann, D. O. Burge, L. Pokorny, A. Larsson, T. Chen, S. Weststrand, P. Thomas, E. Carpenter, Y. Zhang, Z. Tian, L. Chen, Z. Yan, Y. Zhu, X. Sun, J. Wang, D. Stevenson, B. Crandall-Stotler, A. J. Shaw, M. K. Deyholos, D. E. Soltis, S. Graham, M. D. Windham, J. A. Langdale, G. Ka-Shu Wong, S.

- Mathews, K. M. Pryer. 2014. Horizontal transfer of an adaptive chimeric photoreceptor from bryophytes to ferns. *PNAS* 2014 111 (18) 6672-6677.
- Bennett, T., S.F. Brockington¹, C. Rothfels, S. Graham, D. Stevenson, T. Kutchan, M. Rolf, P. Thomas, G.K. Wong, O. Leyser, B. J. Glover & C. J. Harrison. 2014. Paralogous radiations of PIN proteins with multiple origins of non-canonical PIN structure. *Mol. Biol. Evol.* (2014) 31 (8): 2042-2060.
- Wickett NJ, Mirarab S, Nguyen N, Warnow T, Carpenter EJ, Matasci N, Ayyampalayam S, Barker MS, Burleigh JG, Gitzendanner MA, Ruhfel B, Wafula E, Der JP, Graham SW, Mathews S, Melkonian M, Soltis DE, Soltis PS, Rothfels C, Pokorny L, Shaw J, DeGironimo L, Stevenson DW, Surek B, Villarreal JC, Roure B, Philippe H, dePamphilis CW, Chen T, Deyholos MK, et al.: A phylotranscriptomics analysis of the origin and early diversification of land plants. *PNAS* 2014:1–59.
- Carey, E., L. Gape, B. Naqqi Manco, D. Hepburn, R. L. Smith. L. Knowles, D. Knowles, M. Daniels, M. A. Vincent, E. Freid, B. Jestrow, M. P. Griffith, M. Calonje, A. W. Meerow, D. W. Stevenson, & J. Francisco-Ortega. 2014. Plant Conservation Challenges in the Bahama Archipelago. *Bot. Rev.* 80:
- Stevenson, J. W. & D. W. Stevenson. 2014. The Nuts and Bolts of Doing the Flora of the Bahama Archipelago: How Don Correll Worked. *Bot. Rev.* 80:
- Floyd, S. K., J. G. Ryan, S. J. Conway, E. Brenner, K. P. Burris, J. N. Burris, T. Chen, P. P. Edger, S. W. Graham, J. H. Leebens-Mack, J. C. Pires, C. J. Rothfels, E. M. Sigel, D. W. Stevenson, C. N. Stewart Jr., G. K-S. Wong, & J. L. Bowman. 2014. Origin of a novel regulatory module by duplication and degeneration of an ancient plant transcription factor. *Mol. Phyl. Evol.* 81: 159-173.
- Sessa, E.B., J. A. Banks, M. S. Barker, J. P. Der, A. M. Duffy, S. W. Graham, M. Hasebe, J. Langdale, Fay-Wei Li, D. B. Marchant, K. M. Pryer, C. J. Rothfels, S. J. Roux, M. L. Salmi, E. M. Sigel, D. E Soltis, P. S Soltis, D. W. Stevenson, & P. G. Wolf. 2014. Between Two Fern Genomes. *GigaScience* 2014, 3:15.
- Matasci N, Hung LH, Yan Z, Carpenter EJ, Wickett NJ, Mirarab S, Nguyen N, Warnow T, Ayyampalayam S, Barker M, Burleigh JG, Gitzendanner MA, Wafula E, Der JP, dePamphilis CW, Roure B, Philippe H, Ruhfel BR, Miles NW, Graham SW, Mathews S, Surek B, Melkonian M, Soltis DE, Soltis PS, Rothfels C, Pokorny L, Shaw JA, DeGironimo L, Stevenson DW, Villarreal JC, Chen T, Kutchan TM, Rolf M, Baucom RS, Deyholos MK, Samudrala R, Tian Z, Wu X, Sun X, Zhang Y, Wang J, **Leebens-Mack J**, Wong GK. 2014 Data access for the 1,000 Plants (1KP) project. *GigaScience* 2014: 17.
- Petersen, G., O. Seberg, A. Cuenca, D. W. Stevenson, M. Thadeo, J. I. Davis, S. Graham & T. G. Ross. 2015. Phylogeny of the Alismatales (Monocotyledons) and the relationship of *Acorus* (Acorales?). *Cladistics* doi/10.1111/cla.12120
- Comer, J. R., W.B. Zomlefer, C.F. Barrett, J.I. Davis, D.W. Stevenson, K. Heyduk, & J. Leebens-Mack. 2015. Resolving relationships within the palm subfamily Arecoideae (Arecaceae) using plastid sequences derived from next-generation sequencing. *Amer. J. Bot.* 102(6): 888-899.

- Rothfels C. J., Fay-Wei Li, E. M. Sigel, L. Huiet, A. Larsson, D. O. Burge, M. Ruhsam, M. Deyholos, D.E. Soltis, C. N. Stewart, Jr., S. W. Shaw, L. Pokorny, T. Chen, C. dePamphilis, L. DeGironimo, Li Chen, X. Wei, X. Sun, P. Korall, D. W. Stevenson, S.W. Graham, G. K-S. Wong, & Kathleen M. Pryer. 2015. The evolutionary history of ferns inferred from 25 low-copy nuclear genes. *Am. J. Bot.* 102: 1089-1107.
- Li, F-W, M. Melkonian, C. J. Rothfels, J. C. Villarreal, D. W. Stevenson, S. W. Graham. G. Ka-Shu Wong, K. M. Pryer, & S. Mathews. 2015. Phytochrome diversity in green plants and the origin of canonical plant phytochromes. *Nature Communications* 6: Article number: 7852 doi:10.1038/ncomms8852 .
- Li, F-W, C. J. Rothfels, M. Melkonian, J. C. Villarreal, D. W. Stevenson, S. W. Graham. G. Ka-Shu Wong, S. Mathews, & K. M. Pryer. 2015. The origin and evolution of phototropins. *Front. Plant Sci.* 12: | doi: 10.3389/fpls.2015.00637
- Delaux, P-M, G. V. Radhakrishnan, D. Jayaraman, J. Cheema, Mathilde Malbreil, J. D. Volkening, H. Sekimoto, T. Nishiyama, M. Melkonian, L. Pokorny, C. J. Rothfels, H. Winter Sederoff, D. W. Stevenson, B. Surek, Y. Zhang, M. R. Sussman, C. Dunand, R. J. Morris, C. Roux, G. K-S. Wong, G.E.D. Oldroyd, & J-M. Ané. 2015, The algal ancestor of land plants was pre-adapted for symbiosis. *PNAS* 112 (43): 13390-13395.
- Graham, S. & D. Stevenson et al. Plastid phylogenomics and molecular evolution of Alismatales. *Cladistics*: DOI: 10.1111/cla.12133
- Barrett, C., W. Baker, J. Comer, J. G. Conran, S. Lahmeyer, J. Leebens-Mack, J. Li, G. Lim, D. Mayfield-Jones, J. Medina, L. Perez, C. Pires, C. Santos, D. Stevenson, W. Zomlefer, & J. Davis. 2015. Plastid genomes reveal support for deep phylogenetic relationships and extensive rate variation among palms and other commelinid monocots. *New Phytologist* 209: 855-870.
- Thadeo, M., K. E. Hampilos, & D. W. Stevenson. 2015. Anatomy and development of fleshy fruits in the monocots. *Am. J. Bot.* 102: 1757-1779.
- McKain, M.R., H. Tang, J. R. Mcneal, S. Ayyampalayam, J. I. Davis, C. W. dePamphilis, T. J. Givnish, J. C. Pires, D. W. Stevenson, & J.H. Leebens-Mack. 2015. Resolving the placement of ancient polyploidy events and the evolution genic GC composition in the history of the grasses and related monocots. *Genome Biology and Evolution*: In Press.
- Bourque, S, V. Grandperret, S. Jeandroz, N. Lehotai, S. Aimé, D.E. Soltis, N.W. Miles, M. Melkonian, B. Surek, M.K. Deyholos, J.H. Leebens-Mack, M.W. Chase, C.J. Rothfels, D.W. Stevenson, S.W. Graham, X. Wang, S. Wu, J.C. Pires, P.P. Edger, Z. Yan, Y. Xie, E.J. Carpenter, G.K.S. Wong, D. Wendehenne & V. Nicolas-Francès. 2015. Type-2 HDACs: their evolution through the plant kingdom. *Genome Biology*: In Press.
- Vovides, A. & D. Stevenson. 2015. What is *Ceratozamia mexicana*? *Botanical Sciences* 93: In Press
- Comer, JR, WB Zomlefer, CF Barrett, DW Stevenson, K. Heyduk, J Leebens-Mack. Data supporting the nuclear phylogenomics of the palm subfamily Arecoideae (Arecaceae). 2016. *Mol. Phy. Evol.* 97:32-42
- Lane, t., C. Rempe, J. Davitt, M. Staton, Y. Peng, D. Soltis, M. Melkonian, M. Deyholos, J. Leebens-Mack, M. Chase, C. Rothfels, D. Stevenson, S. Graham, J. Yu, T. Liu, C. Pires, P. Edgar, Y. Zhang, Y. Xie, Y. Zhu, E. Carpenter, G. Wong & C. N Stewart. 2016. Diversity of ABC transporters across the plant kingdom and their potential utility in biotechnology.

BMC Biotechnology: In Press.
Zomlefer, W.B., C.F. Barrett, D.W. Stevenson, K. Heyduk, J.H. Leebens-Mack, & J. Comer.
2016. Data supporting the nuclear phylogenomics of the palm subfamily Arecoideae
(Arecaceae). Data in Brief: In Press.
305

Edited Books:

Stevenson, D. 1990. The Biology, Structure, and Systematics of the Cycadales. 210 Pp.
Mem. New York Bot. Gard. 57: 1-210.
_____. 1991. *Indoor Plants*. 238 Pp. Barron's Educational Series, Inc., Hauppauge,
New York.
_____. 1992. *Container Plants*. 240 Pp. Barron's Educational Series, Inc.,
Hauppauge, New York.
_____. 1992. *Water Gardens*. 146 Pp. Barron's Educational Series, Inc., Hauppauge,
New York.
_____. 1993. *Healing Plants*. 224 Pp. Barron's Educational Series, Inc., Hauppauge,
New York.
_____, & K. Norstog. 1993. *The Biology, Structure, and Systematics of the Cycadales*.
Proceedings of the Second International Conference on Cycad Biology. 384 Pp. Milton,
Australia.
_____. 1993. *Garden Flowers*. 239 Pp. Barron's Educational Series, Inc., Hauppauge,
New York.
_____. 1993. *Aquarium Plants Manual*. 104 Pp. Barron's Educational Series, Inc.,
Hauppauge, New York.
_____. 1993. *Roses*. 160 Pp. Barron's Educational Series, Inc., Hauppauge, New York.
_____. 1995. *Shrubs*. 143 pp. Barron's Educational Series, Inc., Hauppauge, New York.
Smith, N. S. Mori, A Henderson, D. Stevenson, & S. Heald. 2004. *Flowering Plants of the
Neotropics*. 594 pp. Princeton University, Press, Princeton.
Vovides, A. D. Stevenon, & R. Osborne. 2007. Proceedings of Cycad 2005. Mem. New York
Bot. Gard. 97: 1-648.
Crane, P., S. Hopper, P. Raven, & D. Stevenson. 2009. Plant Science in Botanic Gardens,
Special Issue: Trends in Plant Science 14(11).
Stevenson, D., R. Osborne, & A. Taylor Blake. 2012. Proceedings of Cycad 2008. Mem. New
York Bot. Gard. 106: 1-544.

Books:

Cutler, D. F., T. Botha, & D. W. Stevenson. 2008. *Plant Anatomy: An Applied Approach*.
302 pp. plus a CD. Blackwell Publishing, Oxford.

Miscellaneous Publications:

Stevenson, D. W., 1986. La storia dalle piante. Alle radici dell'evoluzione geologica e umana.
Il Matino 95 (N. 179): 11.

- _____. 1993 Foreword. P. 5 in Jones, D., *Cycads of the World*. 1st Ed. Reed Books, Sydney.
- Stevenson, D. 2003. Foreword.. P. 5 in Jones, D., *Cycads of the World*. 2nd Ed. Reed New Holland, Sydney.
- _____. 2003. Foreword. Keating, R. *Anatomy of the Monocots*. IX. Acoraceae and Araceae. Oxford University Press, Oxford.
- _____, & J. Davis. 2003. Foreword to *Bot. Rev.* 69(1).
- Smith, N., S. Mori, A. Henderson, D. Stevenson, and S. Heald. 2004. Preface. Pp. X in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- _____, _____, _____, _____, & _____. 2004. Editors Note. Pp. XXI-XXII in N. Smith et al. (eds), *Flowering Plants of the Neotropics*. Princeton University Press, Princeton.
- Stevenson, D. 2004. Editor: Abstracts of the 22nd Annual Meeting of the Hennig Society. *Cladistics* 20: 76-100.
- _____. 2005. Introduction. *Bot. Rev.* 71(5): 483.

Published Abstracts:

- Stevenson, D. W., & R. A. Popham. 1971. The seedling anatomy of *Bougainvillea spectabilis*. *Amer. J. Bot.* 58: 461.
- _____. 1972. Phyllode theory in relation to leaf ontogeny in *Sansevieria trifasciata*. *Amer. J. Bot.* 59: 680-681.
- _____, & E. L. Thurston. 1972. Nacreous leptoids of *Atrichum undulatum*. I. Ultrastructure. *Amer. J. Bot.* 59: 681.
- _____, & _____. 1972. Nacreous leptoids of *Atrichum undulatum*. II. Histochemistry. *Amer. J. Bot.* 59: 681.
- _____. 1974. Ontogeny of the vascular system in the vertical axis of *Botrychium silaifolium* Presl. *Amer. J. Bot.* 61(5) suppl.: 65.
- _____, & R. P. Norris. 1974. Trifluralin: its influence on the morphology and anatomy of the primary root of *Beta vulgaris*. *Amer. J. Bot.* 61(5) suppl.: 11.
- _____. 1976. Radial growth in *Zamia floridiana* A. DC. *Amer. J. Bot.* 62 (suppl.): 16.
- _____. 1976. Radial growth in *Beaucarnea recurvata* Less. *Amer. J. Bot.* 62 (suppl.): 16.
- _____. 1978. Some aspects of gynoecial morphology in the Commelinaceae. *Bot. Soc. Amer. Misc. Publ.* 156. p. 58.
- _____. 1980. Stellar organization in the Ophioglossales. *Bot. Soc. Amer. Misc. Publ.* 156. p. 111-112.
- _____. 1980. Root and stem contraction in cycads. *Bot. Soc. Amer. Misc. Publ.* 158. p. 111.
- _____. 1982. Sporophyll vasculature in the Cycadales. *Bot. Soc. Amer. Misc. Publ.* 162. p. 25.
- _____. 1982. An interpretation of filicinaean vascular systems. *Bot. Soc. Amer. Misc. Publ.* 162. p. 74.

- _____. 1983. Systematic implications of the floral morphology of the Mayacaceae Amer. J. Bot. 70(5, pt. 2): 32.
- Pipoly, J. J. & D. Stevenson. 1983. Phyllotaxis, stelar morphology and shoot apical organization of *Lycopodium appressum* (Lycopodiaceae). Amer. J. Bot. 70(5, pt. 2): 29.
- Stevenson, D. 1985. A proposed classification of the Cycadales. Amer. J. Bot. 72: 971-972.
- _____. 1985. Distribution and systematics of *Ceratozamia* (Zamiaceae). Amer. J. Bot. 72: 972.
- _____. 1986. Federico Delpino (1833-1905) and the first phylogenetic classification of plants. Amer. J. Bot. 73: 690-691.
- _____. 1986. Problems with outgroup comparison within and for the Cycadales. Sixth Annual Meetings of the Willi Hennig Society. (presentation only).
- Moretti, A., & D. W. Stevenson. 1986. Cytological peculiarities in the neotropical cycads. Amer. J. Bot. 73: 775-776.
- Sabato, S., M. Vazquez Torres, & D. W. Stevenson. 1986. Las Cycadales de Mexico y Centroamerica. IV Congreso Latinoamericano de Botania. Resúmenes. p. 147.
- Stevenson, D. 1987. Strobilar ontogeny in the Cycadales. XIV International Botanical Congress, Berlin, Germany.
- Caputo, P., D. Stevenson, & E. Wurtzel. 1990. Molecular analysis of cycad chloroplast DNA evolution. Cycad 90: Second International Conference on the Biology of Cycads. P. 3.
- Stevenson, D. 1990. The biogeography of the neotropical cycads and its bearing on the Refugium Theory. Cycad 90: Second International Conference on the Biology of Cycads. P. 21.
- _____, & R. Osborne. The World List of Cycads. Cycad 90: Second International Conference on the Biology of Cycads. P. 31.
- _____. 1991. Phylogenetic systematics of the seed plants with special emphasis on the Cycadales. Giorn. Bot. Ital. 124: 19.
- Caputo, P., D. Stevenson, A. Moretti, & E. Wurtzel. 1991. A phylogenetic analysis of cycads using chloroplast DNA restriction fragment length polymorphisms. Giorn. Bot. Ital. 124: 124.
- Campbell, L., D. W. Stevenson & H. Loconte. 1993. Floral morphology of *Sinocalycanthus chinensis* (Calycanthaceae). Amer. J. Bot. 80(6) suppl.: 136.
- Crepet, W., K. Nixon, D. Stevenson & E. M. Friis. 1993. The relationships of seed plants in reference to angiosperm outgroups. Amer. J. Bot. 80(6) suppl.: 123.
- Hasegawa, I., K. Yamaguchi, T. Shimizu, & D. Stevenson. 1993. Phylogenetic study of the Cimicifugeae (Ranunculaceae) based on *rbcL* gene. XV International Botanical Congress, Yokohama, Japan.
- Stevenson, D. W. 1993. Homology of the seed and associated structures in spermatophytes. Amer. J. Bot. 80(6) suppl.: 125.
- _____. 1993. A phlogenetic analysis of the Commelinales. Monocotyledons: An International Symposium. p. 12.
- Davis, J., N. Uhl, R. Soreng, & D. Stevenson. 1994. Phylogenetic relationships in the monocotyledons as inferred from variation in chloroplast DNA restriction sites and morphology. Amer. J. Bot. 81(6) suppl.: 151.

- Loconte, H., L. Campbell, & D. Stevenson. 1994. Phylogenetic systematics of the vascular plants (Tracheophyta). *Amer. J. Bot.* 81(6) suppl.: 170.
- Stevenson, D. 1994. Sistemática filogenética de las Liliopsida. Libro de Resúmenes Conferencias y Simposios. VI Congreso Latinoamericano de Botánica. p. 44.
- _____, & J. Davis. 1994. Cladistics of monocot families: morphologists too use exemplars. *Amer. J. Bot.* 81(6) suppl.: 189.
- _____, & H. Loconte. 1994. Cladistic analysis of monocot families. *Amer. J. Bot.* 81(6) suppl.: 189-190.
- _____, & Analia E. Artabe. 1995. Fossil and Extant Cycads: A Cladistic Analysis. *Amer. J. Bot.* 82(6) suppl.: 118.
- _____, & H. Loconte. 1995. Ordinal and Familial Relationships Of Pteridophyte Genera. *Pteridology in Perspective*. p. 28.
- _____, L. Campbell, & H. Loconte. 1995. On phylogenetic position of *Nelumbo*, are lotus-lilies related to water-lilies or ranunculids? *Amer. J. Bot.* 82(6) suppl.: 82-83.
- _____, & V.A. Albert. 1996. Morphological cladistics of the Nepenthales. *Amer. J. Bot.* 83 (6) suppl.: 135.
- _____, & J. Brown. 1996. Marcgraviaceae: did Delpino use a concept of monophyly? *Amer. J. Bot.* 83 (6) suppl.: 195.
- _____, K. Norstog, & P. Fawcett. 1996. Pollination biology of cycads. *Reproductive Biology in Systematics, Conservation and Economic Botany*. p. 13.
- Davis, J. & D. Stevenson. 1997. Character quality and character incongruence. *Amer. J. Bot.* 84(6) suppl.: 186.
- Stevenson, D. 1997. Cones and Strobili, Flowers and Inflorescences. *Amer. J. Bot.* 84 (6) suppl.: 36.
- _____, & J. Grimes. 1997. *Herreriaceae* do not have cladodes. *Amer. J. Bot.* 84(6) suppl.: 236.
- Specht, C., D. Stevenson, Y. Helariutta, J. Lim, & P. Benfey. 1997. Using molecular markers to investigate pattern development during root apex regeneration. *Amer. J. Bot.* 84(6) suppl.: 55.
- Davis, J., D. Stevenson, C. Specht, J. Freudenstein, & R. DeSalle. 1998. A phylogenetic analysis of the monocotyledons, based on morphological and molecular character sets. *Second International Conference on the Comparative Biology of the Monocotyledons*. p. 18.
- Stevenson, D., J. Davis, & J. Freudenstein. 1998. Characters and character states: decisions and coding in the monocots. *Second International Conference on the Comparative Biology of the Monocotyledons*. p. 53.
- Douglas, A. & D. Stevenson. 1998. The reproductive architecture of *Platanaceae*: evolutionary transformations based on fossil and extant evidence. *Amer. J. Bot.* 85(6) suppl.: 7.
- Gandolfo, M., K. Nixon, D. Stevenson, & W. Crepet. 1998. Species diversity of *Triuridaceae* fossil flowers from the Late Cretaceous of New Jersey. *Amer. J. Bot.* 85(6) suppl.: 73.
- Litt, A. & D. Stevenson. 1998. Floral morphology of the *Vochysiaceae*: asymmetry and pseudomonometry. *Amer. J. Bot.* 85(6) suppl.: 13.
- Stevenson, D. & A. Douglas. 1998. Hülles, ocreas and metamers: vegetative architecture of *Plantanus* revisited. *Amer. J. Bot.* 85(6) suppl.: 21.

- _____, & K. Nixon. 1998. Character coding of palynological data. *Pollen and Spores* 1998: Morphology and Biology. p. 11.
- Stevenson, D. 1999. Fossil and extant cycads. XVI International Botanical Congress-Abstracts. p. 200.
- Crepet, W., D. Stevenson, K. Nixon. 1999. The Bennettitales-Phylogenetic implications of new interpretations of key morphological characters. XVI International Botanical Congress Abstracts. p. 23.
- Nixon, K., H. Ochoterena, & D. Stevenson. 1999. Homology in higher level simultaneous analysis of combined molecular, morphological and fossil data. XVI International Botanical Congress Abstracts. p. 23.
- Davis, J., D. Stevenson, J. Freudenstein, C. Hardy, M. Simmons, & C. Specht. 1999. Phylogenetics of the monocotyledons. XVI International Botanical Congress Abstracts. p. 118.
- Nixon, K., D. Stevenson, H. Ochoterena, D. Little, A. Gandolfo, L. Vazquez, & W. Crepet. 1999. Simultaneous phylogenetic analysis of the "higher" seed plants. XVI International Botanical Congress Abstracts. p. 200.
- Campbell, L., D. Stevenson, & G. Romero. 2000. Anatomical features of *Aratitiopea* (Xyridaceae). *Amer. J. Bot.* 87 (6) suppl.: 24.
- Hardy, C. & D. Stevenson. 2000. The unusual androecium and pollination system in *Cochliostema* (Commelinaceae). *Amer. J. Bot.* 87 (6) suppl.: 27.
- Hardy, C., R. Faden, J. Davis, & D. Stevenson. 2000. A phylogenetic and developmental approach to understanding androecium evolution in the subtribe Dichorisandrinae (Commelinaceae). *Amer. J. Bot.* 87 (6) suppl.: 132-133.
- Stevenson, D. 2001. Characters and character states: decisions and coding. 15th International Symposium. *Biodiverstat und Evolutionsbiologie*. p. 60.
- _____, & Cameron. 2001. Structural botany in systematics: A symposium in memory of William C. Dickison. *Botany 2001: Abstracts*. p. 16.
- Campbell, L., D. Stevenson, J. Davis, & C. Hardy. 2001. Alternative hypotheses for the systematic placement of *Mayaca*. *Botany 2001: Abstracts*. p. 104.
- Raz, L., J. Perez Camacho, D. Stevenson, & K. Cameron. Systematics and biogeography of Caribbean wild yams (Dioscoraceae). *Botany 2001: Abstracts*. p. 93.
- Davis, J., D. Stevenson, L. Campbell, D. Goldman, C. Hardy, F. Michelangeli, M. Simmons, & C. Specht. 2001. Phylogenetic relationships among monocots, as inferred from morphology and nucleotide sequence variation in three genes. *Botany 2001: Abstracts*. p. 109.
- Hardy, C., J. Davis, R. Faden, & D. Stevenson. 2001. Phylogenetics of *Cochliostema*, *Geogenanthus*, and an undescribed genus (Commelinaceae) using morphology, and DNA sequence data from 26S, 5S-NTS, rbcL, and trnL-F loci. *Botany 2001: Abstracts*. p. 117.
- Specht, C. & D. Stevenson. 2001. A phylogeny of Costaceae: implications concerning floral morphology. *Botany 2001: Abstracts*. p. 143.
- White, P. & Stevenson, D. 2001. An emerging analysis of the evolution of fruit and seed features in the Menispermaceae. *Botany 2001: Abstracts*. p. 149.
- Gandolfo, M. & D. Stevenson. 2001. Fossils and the Linnean System of Nomenclature. *Cladistics* 18: 223.

- Stockey, R., G. Rothwell, & D. Stevenson. 2002. Anatomically preserved cycad seeds from the Jurassic of the Queen Charlotte Islands, British Columbia, Canada. 6th European Paleobotany – Palynology Conference. Abstracts. p. 164-165
- Coruzzi, G., E. Brenner, P. Benfey, R. Martienssen, R. McCombie, M. Katari, G. Dai, R. DeSalle, D. Shasha, E. de la Torre, S. Runko, R. Twigg, & D. Stevenson. 2002. The gymnosperm genomics project: Tools for functional genomics, gene discovery, and resolving the evolutionary history of seed plants. Comparative Plant Genomics -2002-Cold Spring Harbor Laboratory. p. 10.
- Torre de la, E., E. Brenner, R. Martienssen, P. Benfey, G. Dai, M. Katari, R. McCombie, S. Runko, R. Twigg, D. Stevenson, & G. Coruzzi. 2002. Exploring the genetic basis of vegetative and reproductive development and evolution in cycads: A genomics approach. Comparative Plant Genomics -2002-Cold Spring Harbor Laboratory. p. 20.
- Brenner, E., M. Katari, S. Rudd, R. Twigg, S. Runko, R. Martienssen, R. McCombie, G. Dai, P. Benfey, G. Coruzzi, & D. Stevenson. 2002. Transcriptome profiling in cycads. Comparative Plant Genomics -2002-Cold Spring Harbor Laboratory. p. 17.
- Brenner, E., M. Katari, S. Rudd, R. Twigg, S. Runko, R. Martienssen, R. McCombie, G. Dai, P. Benfey, G. Coruzzi, & D. Stevenson. 2003. A genomic approach to study cycad leaf and reproductive organ development. The New York Area Plant Biology Meeting 2003. p. 4.
- Torre de la, E., E. Brenner, R. Martienssen, P. Benfey, G. Dai, M. Katari, R. McCombie, S. Runko, R. Twigg, D. Stevenson, & G. Coruzzi. 2003. Genomics as a tool to explore the genetic basis of development and evolution in cycads. The New York Area Plant Biology Meeting 2003. p. 6.
- Chavez, F. & D. Stevenson. 2003. Morphological, anatomical and phylogenetic study of palm germination and seedlings. Monocots III/ Grasses IV. Abstracts.
- Campbell, L. & D. Stevenson. 2003. Inflorescence architecture and floral structure in *Aratitiopea lopezii* (Xyridaceae). Monocots III/ Grasses IV. Abstracts.
- Petersen, G., O. Seberg, J. Davis, D. Stevenson, J. Freudenstein, D. Goldman, C. Hardy, & F. Michelangeli. 2003. Mitochondrial data in monocot phylogenies. Monocots III/ Grasses IV. Abstracts.
- Stevenson, D. 2003. Character coding in monocots. Monocots III/ Grasses IV. Abstracts.
- _____. 2003. Cycads: from field biology to neurobiology, a journey in systematics. Fourth Biennial Conference of the Systematics Association. p. 14.
- Petersen, G., O. Seberg, J. Davis, D. Stevenson, L. Campbell, J. Freudenstein, D. Goldman, C. Hardy, F. Michelangeli, M. Simmons, & C. Specht. 2003. Fourth Biennial Conference of the Systematics Association. p. 49.
- Campbell, L. & D. Stevenson. 2004. Anatomy and development of gynoecium appendages in Xyridaceae. Botany 2004: Abstracts. p. 109.
- Michelangeli, F. & D. Stevenson. 2004. Comparative anatomy, morphology, and development of ant-domatia in neotropical Melastomataceae. Botany 2004: Abstracts. p. 110
- Stevenson, D. 2004. Nomenclatural use and abuse: comments on the PhyloCode. Cladistics 20: 606.
- Nicolalde, F., A. Vovides, & D. Stevenson. 2005. Species delimitation within the *Zamia verschaffeltii* Miq. complex (Zamiaceae, Cycadales).p. 475 in XVII International Botanical Congress-Abstracts, Vienna, Austria.

- Del la Torre, J., M. Egan, M. Katari, E. Lee, E. Brenner, R. Martienssen, R. McCombie, D. Stevenson, G. Coruzzi, & R. DeSalle. 2005. Seed plant phylogenomics: Insights from multicharacter analysis and partitioning. p. 148 in XVII International Botanical Congress-Abstracts, Vienna, Austria.
- Brenner, E., D. Stevenson, E. Del la Torre, M. Katari, S. Rudd, S. Runko, R. Martienssen, R. McCombie, & G. Coruzzi. 2005. Cycad genomics: A platform to study the rise of the seed plants and their symbionts. p. 132 in XVII International Botanical Congress-Abstracts, Vienna, Austria.
- Kelly, L. & D. Stevenson. 2005. Floral morphological character coding and the use of trees. p. 196 in XVII International Botanical Congress-Abstracts, Vienna, Austria.
- Davis, J., G. Petersen, O. Seberg, & D. Stevenson. 2005. Variation patterns in mitochondrial genes used in plant phylogenetics. p. 197 in XVII International Botanical Congress-Abstracts, Vienna, Austria.
- Petersen, G., O. Seberg, J. Davis, & D. Stevenson. 2005. Mitochondrial sequences in monocot phylogenetics: new data, new problems. p. 197 in XVII International Botanical Congress-Abstracts, Vienna, Austria.
- Stevenson, D. 2005. Homoplasy is ignorance: Enlightenment through reciprocal illumination. p. 231 in XVII International Botanical Congress-Abstracts, Vienna, Austria.
- Meerow, A., J. Francisco-Ortega, & D. Stevenson. 2005. Microsatellite DNA studies in the Caribbean *Zamia pumila* complex (Zamiaceae). Botany 2005. Abstracts. p. 68.
- Hermesen, E., T. Taylor, E. Taylor, & D. Stevenson. 2006. The Triassic cycad *Antarcticycas*: an early representative of the age of cycads. Botany 2006. Abstracts. p. 164.
- Davis, J., G. Petersen, O. Seberg, & D. Stevenson. 2006. Mitochondrial genes, chloroplast genes, and monocot relationships. Botany 2006. Abstracts. p. 215.
- Little, D. & D. Stevenson. 2006. A comparison of algorithms for identification of specimens using DNA barcodes: examples from gymnosperms. Botany 2006. Abstracts. p. 235.
- Sass, C., D. Stevenson, & C. Specht. 2006. Optimizing the Barcode of Life: Preliminary data for cycads. Botany 2006. Abstracts. p. 296.
- Little, D. & D. Stevenson. 2006. A comparison of algorithms for identification of specimens using DNA barcodes: examples from gymnosperms. Hennig XXV. Abstracts. p. 33.
- Brenner, E., D. Stevenson, D. Little, E. de la Torre, M. Katari, E. Lee, M. Egan, R. DeSalle, R. McCombie, R. Martienssen, G. Coruzzi. 2007. Genomic Approaches to Study the Evolution of Seeds. Botany 2007. Abstracts. p. 142.
- Schulz, C., D. Little, E. Brenner, D. Stevenson. 2007. Identity genes for male and female organs in Cryptogams: preliminary investigations in MADS-box genes in the lycophyte *Selaginella*. Botany 2007. Abstracts. p. 341.
- Raubeson, L. A., C. Campbell, M. Connolly, R. Cronn, A. Dutton, S. Ickert-Bond, D. Kelch, J. Li, A. Liston, D. Little, R. Peery, A. Schwarzbach, D. Stevenson, D., A. Willyard. 2007. Phylogenetic utility of VPCR (variable plastid coding regions) in gymnosperms Botany 2007. Abstracts. p. 242.
- Cohen, J., A. Litt, & D. Stevenson. 2008. The world of walled marriages: Comparative floral development in *Lithospermum*. Botany 2008. Abstracts. p. 43.
- Little, D., J. Deutsch, A. Dutton, S. Margheim, R. Peery, L. Raubeson, & D. Stevenson. 2008. Cycads in the gymnosperm tree of life. Botany 2008. Abstracts. p. 15.

- Stevenson, D. 2008. International collecting of botanical research materials in the 21st century. Botany 2008. Abstracts. p. 20.
- Rai, H., N. Nagalingum, Y. Wu, D. Little, D. Stevenson, S. Mathews. Phylogenetic relationships within and among cycad genera inferred from phytochrome genes. Botany 2008. Abstracts. p. 96.
- Griffith, P., D. Little, M. Calonje, D. Stevenson, & C. Husby. 2008. Time. Place, and relationship: Cycad phenology in a phylogenetic and biogeographic context. Botany 2008. Abstracts. p. 134.
- Stevenson, D. 2008. The Rolf Dahlgren Lecture: From Albertus Magnus to AToL. Monocots IV. Abstracts. p. 61.
- Stevenson, D., J. Davis, L. Campbell, C. Hardy, & C. Specht. 2008. Commelinoids or palms up. Monocots IV. Abstracts. p. 61.
- Remizowa, M., D. Sokoloff, L. Campbell, D. Stevenson, & P. Rudall. 2008. Tofieldiaceae: A key to floral evolution in Alismatales. Monocots IV. Abstracts. p. 50-51.
- Leebens-Mack, J., J. McNeal, J. Davis, D. Stevenson, T. Givnish, S. Graham, & R. McCombie. 2008. Plastid phylogenomic analysis of family-level relationships in the Poales. Monocots IV. Abstracts. p. 36.
- Campbell, L. & D. Stevenson. 2008. Diversification and relationships in Xyridaceae. Monocots IV. Abstracts. p. 14.
- Mercedes, A. D. Stevenson et al. 2009. A plastome- and nuclear gene-based phylogeny for the orchid subfamily Epidendroideae. Botany 2009. Abstracts, p. 189-190.
- Givnish, T. D. Stevenson et al. 2009. A plastome-based phylogeny for the Orchidaceae. Botany 2009. Abstracts, p. 184.
- Givnish, T., D. Stevenson et al. 2009. From *Acorus* to *Zingiber* – assembling the phylogeny of the monocotyledons. Botany 2009. Abstracts, p. 150.
- dePamphilis, C. D. Stevenson. 2009. The Ancestral Angiosperm genetic toolkit. Botany 2009. Abstracts, p. 233.
- Leebens-Mack, J. D. Stevenson et al. 2009. The Utility of Monocot Transcriptome Data for Reconstructing Phylogeny and Characterizing Ancient Polyploidy. Botany 2009. Abstracts, p. 58-59.
- McNeal, J.D. Stevenson et al. 2009. Understanding the monocot tree of life using complete chloroplast genome sequences. Botany 2009. Abstracts, p. 100.
- Crepet, W. & D. W. Stevenson. 2009. The Bennettittales (Cycadeoidales): a preliminary perspective on this arguably enigmatic group. Botany 2009. Abstracts, p. 137.
- Stevenson, D. W. 2009. Slice and Dice Botany: How Cycads Branch. Botany 2009. Abstracts, p. 320.
- Stevenson, D. W. 2010. 200 Years of Rhode Island Botany. Botany 2010. Abstracts.
- Stevenson, D. W. 2010. Architecture of non-seed vascular plants. Botany 2010. Abstracts.
- Gandolfo, M., Stevenson, J. W., & Stevenson, D. W. 2010. Outreach across age groups and NSF grants. Botany 2010. Abstracts.
- Hampilos, K., Thadeo, M., Moore, M, & Stevenson, D. W. 2011. Anatomy and development of fleshy fruits in the monocots. Botany 2011. Abstracts.

- Stevenson, D. W. & Stevenson, J. W. 2011. William J. Robbins: The Missouri Years. Botany 2011. Abstracts.
- Stevenson, D. W. & Tomlinson, P. B. 2011. Carboniferous arborescents in relation to the architecture of modern trees. Botany 2011. Abstracts.
- Cooper, L. D., Walls, R., Elser, J., Preece, J., Barry Smith, B., Mungall, C., Gandolfo, M. A., Stevenson, D. W. & P. Jaiswal, P. 2011. Recent Advances At The Plant Ontology: Tools For Linking Plant Anatomy And Development To Genomics Across Plant Taxa. Plant and Animal Genome XIX. Abstracts.
- Stevenson, D. W. 2011. Plant systematics in the age of genomics revisited. Systematics Association 8th Biennial. Abstracts.
- Walls, R.L., Cooper, L., Elser, J., Gandolfo, M.A., Mungall, C., Justin, P., Smith, B., Stevenson, D.W., & Jaiswal, P. The Plant Ontology: an updated tool for all plant biologists. XVIII International Botanical Congress. Abstracts. p. 118.
- Cibrian, A., Martienssen, R., Stevenson, D., Coruzzi, G., & Desalle, R. 2011. Unraveling Darwin's 'abominable mystery': using phylogenomics to identify proteins of importance in plant evolution. XVIII International Botanical Congress. Abstracts.p. 119.
- Sajo, G., Pabon, N., Jardim, J., Stevenson, D., & Rudall, P. Inflorescence and floral structure of the early divergent grass *Anomochloa*. XVIII International Botanical Congress. Abstracts. 2011. p. 209.
- Leebens-Mack, J., Wickett, N., Ayyampalayam, S., Barker, M., Gonzales, M., Vision, T., McNeal, J., Steele, R., McKain, M., Duarte, J., Pires, J., Stevenson, D., McCombie, R., Zomlefer, W., Givnish, T., Anè, C., Davis, J., Gandolfo, MA., Chase, M., Pineyro, A., Alvarez-Buylla, E., Barrett, R., Thiele, K., Wong, G., & dePamphilis, C. 2011. Phylogenomic analysis of transcriptomes sampled across monocot orders. XVIII International Botanical Congress. Abstracts. 2011. p. 291.
- Thadeo, M., & Stevenson, D. 2011. Using combined evidence trees to elucidate morphological evolution in the monocots. XVIII International Botanical Congress. Abstracts. p. 291-292.
- Davis, J., Leebens-Mack, J., Barrett, C., Comer, J., Stevenson, D., & Zomlefer, W. 2011. Plastid genomes and palm phylogenetics. XVIII International Botanical Congress. Abstracts.p. 298.
- Cibrián-Jaramillo, A., Little, D., McCombie, R., Martienssen, R., Coruzzi, G., DeSalle, R., Wong, G., & Stevenson, D.W. 2011. Phylogenomics of the seed plants. XVIII International Botanical Congress. Abstracts. p. 315.
- Rai, H., Nagalingum, N., Little, D., Clements, M., Stevenson, D., Graham, S., & Mathews, S. 2011. Phytochrome data resolve the backbone of cycad phylogeny and reveal the recent, simultaneous diversification of large genera. XVIII International Botanical Congress. Abstracts. p. 316.
- Meerow, A., Francisco-Ortega, J., Calonje, M., Veloz, A., Jiménez Rodríguez, F., Oberli, A., Stevenson, D., & Griffith, P. 2011. Comparative patterns of genetic variation among populations of the *Zamia pumila* L. complex across three islands of the Greater Antilles. XVIII International Botanical Congress. Abstracts. p. 624.

Book Reviews:

- Stevenson, D. W. 1981. *Spores. Ferns. Microscopic Illusions Analysed. Vol. II.* By Clara S. Hires. 370 Pp. Mistaire Lab., New Jersey. *In: Fiddlehead Forum* 8: 47.
- _____. 1984. *Anatomy of the Monocotyledons. VII. Helobiae (Alismatidae).* By P. B. Tomlinson. 559 Pp. Oxford University Press, London. *In: Brittonia* 36: 14.
- _____. 1984. *Anatomy of the Dicotyledons. II. General Introduction and Wood Anatomy.* By C. R. Metcalfe & L. Chalk. 297 Pp. Oxford Univ. Press, Oxford. *In: Brittonia* 36: 468.
- _____. 1984. *The Diversity of Green Plants.* 3rd ed. By P. Bell and C. Woodcock. 360 Pp. Edward Arnold, Baltimore, Maryland. *In: Brittonia* 36: 251.
- _____. 1984. *Crossance Vegetale et Morphogenese.* By R. V. Jean. 322 Pp. Quebec University Press, Quebec. *In: Brittonia* 36: 454.
- _____. 1986. *Teleologia e Darwinismo: la corrispondenza tra Charles Darwin e Federico Delpino.* By G. Pancaldi. 99 Pp. Cooperative University Library of Bologna, Bologna. *In: Taxon* 35: 206.
- _____. 1989. *Origin and Evolution of Gymnosperms.* Edited by C. Beck. 504 Pp. Columbia Univ. Press, New York. *In: Brittonia* 41: 204.
- _____. 1992. *Pinaceae. Drawings and Descriptions of the Genera Abies, Cedrus, Pseudolarix, Keteeleria, Nototsuga, Tsuga, Cathaya, Pseudotsuga, Larix, and Picea.* By A. Farjon. 330 Pp. Regnum Veg. 121. Koeltz Scientific Books, Konigstein, Germany. *In: Brittonia* 44: 325.
- _____. 1992. *A Bibliography of Conifers.* By A. Farjon. 129 Pp. Regnum Veg. 122. Koeltz Scientific Books, Konigstein, Germany. *In: Brittonia* 44: 330.
- _____. 1994. *Secondary Pollen Presentation. Form, Function and Evolution.* By P. Yeo. Plant Systematics and Evolution/Supplementum 6. Springer-Verlag, Wien, Austria. *In: Bot. Rev.* 60: 143.
- _____. 1994. *The Tapetum. Cytology, Function, Biochemistry and Evolution.* Edited by M. Hesse, E. Pacini, & M. Willemse. Plant Systematics and Evolution/Supplementum 6. Springer-Verlag, Wien, Austria. *In: Bot. Rev.* 60: 143.
- Specht, C. & D. Stevenson. 2003. Easy trees?—Review of “Phylogenetic trees made easy: a how-to manual for molecular biologists” by Barry G.Hall. *Mol. Phyl. Evol.* 27: 168-172.