

CURRICULUM VITAE
Dennis Wm. Stevenson
August 2005

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, Università di Napoli, Italy, May–July 1985

Visiting Professor of Botany: Department of Plant Biology, Università di Napoli, Italy, May–July 1986

Assistant Professor of Biology, Barnard College, Columbia University, July 1980–July 1987

Honorary Curator, New York Botanical Garden, September 1980–July 1987

Visiting Professor of Botany: Department of Plant Biology, Università di Napoli, Italy, May–July 1988

Plant Morphologist and Director of the Lieberman Laboratory, New York Botanical Garden, July 1987–March 1990

Administrator of the Harding Laboratory and Supervisor of Graduate Studies, New York Botanical Garden, March 1990–November 1993

Curator and Administrator of the Harding and Lieberman Laboratories, New York Botanical Garden, March 1990–1995

Director of the Harding Laboratory and Senior Curator, New York Botanical Garden, 1995–1999.

Director of the Plant Research Laboratory and Senior Curator, New York Botanical Garden, 1999–2000.

Director of the Institute of Systematic Botany and Plant Research Laboratory, New York Botanical Garden, 2001–2002.

Vice President & Rupert Barnaby Curator for Botanical Science, New York Botanical Garden, 2002–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:

Awarded an honorary membership in the American Association for the Advancement of Science, June 1970
Elected Associate Member of Sigma XI, 1972
Elected Fellow of the Linnean Society of London, 1974
Elected Full Member of Sigma XI, 1975
Cabot Foundation Fellowship, Harvard University, July 1975–July 1976
NATO Junior Post-Doctoral Fellowship, August 1976–August 1977
Atkins Fellowship, Harvard University, August 1977–February 1978
Cabot Foundation Fellowship, Harvard University, February 1978–March 1980
Elected Fellow of the Willi Hennig Society, 1983
NATO Senior Post-Doctoral Fellowship, May–June 1985
FORMEZ Fellowship for the Planning and Design of the First Ethnobotany and Paleobotany Museum in Italy. Sponsor: Italian Government Agency for the Improvement of Culture in Southern Italy, May–July 1986 and May–June 1988
Honorary Doctorate, University of Naples, Italy. September, 2001
Honorary Foreign Fellow, Linnean Society of London. January, 2002–Present

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: DBI-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: DBI-0421604 Genomics of Comparative Seed Evolution. Oct. 1, 2004-Sept. 30, 2009. \$4,994,583.00

Teaching Experience (1980-Present):

Undergraduate: Barnard College of Columbia University. (All courses cross-enrolled with Columbia College)

General Biology Lecture & Laboratory (BC 1002, 1 semester)

Biology of Plants Lecture & Laboratory (BC 3103, 6 semesters)

Morphology of Vascular Plants Lecture & Laboratory (BC3111, 4 semesters)

Natural History of the New York Area— Field Course (BC 3104, 3 semesters)

Biogeography Lecture (BC3113, 3 semesters)
Quantitative Field Biology— Seminar & Field Course
(BC3151, 1 semester, with P. Hertz)
Principles of Angiosperm Systematics Lecture (BC3397, 1 semester,
with A. Cronquist)
Individual Research in Biology—Student Research
(BC3599, 8 semesters)
Evolutionary Botany, Universita di Napoli, Italy (1 term)
Plant Module in General Biology, New York University (4 semesters)
Whole Plant Biology in plant Resources, New York University (4 semesters)

Graduate:

Phytogeography, Graduate Program, City University of New York (5 semesters)
Plant Systematics, Graduate Program, City University of New York 3 semesters)
Plant Anatomy, Graduate Program, City University of New York (2 semesters)
Plant Systematics, Graduate Program, Yale University (10semesters)
Plant Systematics, Graduate Program, New York University (5 semesters)
Biogeography, Graduate Program, City University of New York (3 semesters)
Biogeography and Conservation, Graduate Program, Yale University (5 semesters)

Committee Service:

Barnard College and Columbia University
Faculty Teller, 1980–1982
Committee on Space and Hours, 1981–1982
Committee on Housing and the Campus Environment , 1982–1983
Committee on Instruction, 1982–1984
Judicial Council, 1985–1986
Lamont Nature Sanctuary Committee, 1982–1987
Horticultural Advisor for Buildings and Grounds, 1982–1987
New York Botanical Garden
Graduate Studies Committee, 1986–Present
Scientific Publications Committee, 1992–Present
Chair, Gleason Award Committee, 1992–Present
New York University
Committee for Graduate Program in Plant Resources, 1994–Present
City University of New York
Committee on Graduate Program in Plant Sciences, 1987–1994
Columbia University
Executive Board, Center for Enviromental Research and Conservation (CERC)
2001-Present

Media Involvement:

1979. Filmed the sequence on cycads for the BBC Production "Life on Earth". (Aired on U.S. Public Television Stations, 1982)

Kodachromes are being used by Traffic-USA in a traveling slide show on endangered species.

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, Bogota, 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 Systematics 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

Professional Activities (Extra-university):

Editorships:

Editor, Fiddlehead Forum, American Fern Society, 1984–1987
Associate Editor, *Delpinoa*, 1985–Present
Associate Editor, *Brittonia*, 1991–1994
Consulting Editor, Barrons Educational Series, 1990–Present
Editor, *Botanical Review*, 1992–Present
Book Review Editor, *Cladistics*, 1998–2002
Co-Editor, *Anatomy of the Dicotyledons*, Oxford University Press, 2000–Present

Offices of Scientific Societies:

President, New York Chapter of the American Fern Society, 1981–1983
Corresponding Secretary and Program Chairman, Torrey Botanical Club
Council member, American Fern Society, 1984–1987
President Elect, Torrey Botanical Club, 1990
President, Torrey Botanical Club, 1991

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.

Field Experience:

ANTARTICA:

1967. One trip of three months.

WEST INDIES:

1977, 1978, 1979. The Bahama Islands (Andros, Eleuthera and Grand Bahama) as an assistant to Dr. Donovan Correll for *Flora of the Bahama Archipelago*.

CENTRAL AMERICA:

- 1972, 1973, 1974. Three trips to Baja California while a graduate student at the University of California, Davis.
- 1983. One trip of two months in eastern Mexico (Veracruz, San Luis Potosi, Tamalipas, Hidalgo, and Queretaro.
One trip of two months in Pacific Mexico from Tepic to Tehuantepec.
- 1986. One trip of two weeks to Baja California, Mexico.
One trip of one month in Chiapas, Mexico and adjacent Guatemala.
- 1987. One trip of one month in Chiapas, Mexico and adjacent Guatemala.
- 1988. One trip of one month in Yucatan Penninsula, Mexico.
One trip of one month in Belize.
- 1989. One trip of one month in Panama.
- 2000. One trip of one month in Panama.
- 2001. One trip of one month in Panama
- 2002. One trip of one month in Mexico

SOUTH AMERICA:

- 1984. One trip of one month in northern Antioquia, Colombia.
One trip of one month in the Choco, Colombia.
- 1987. One trip of two weeks to Northern Cordoba, Colombia.
- 1988. One trip of three months on the Alto Rio Negro, Brazil.
Two trips of one month each to Amazonas, Venezuela.
- 1989. One trip of one month to Loreto, Peru.
- 1994. One trip of one month to Patagonia, Argentina.
- 1999. One trip of one month to Boyaca, Colombia

AUSTRALIA:

- 1990. One trip of one month in Queensland and Northern Territory, Australia.
- 1998. One trip of six weeks in Queensland and Western Australia.

CHINA:

- 1996. One trip of two months to Sichuan, China.
- 2000. One trip of two months to Yunnan, China.

SOUTH AFRICA:

- 1996. One trip of one month to South Africa and Namibia.

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.
- _____. 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.
- _____, 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., & 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. Vazques 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. 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.
- _____, 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-selvicolture 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.
- _____. 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.
- _____. 1993. Angiosperms: Division Magnoliophyta. In: *Encyclopedia Britannica* Vol. 13. Pp. 604-628, 634. Encyclopedia Britannica, Inc., Chicago, Illinois.

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