

KENNETH MICHAEL CAMERON, Ph.D.

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Education

University of North Carolina at Chapel Hill; Ph.D. in Biology, under the co-supervision of Dr. Mark W. Chase and Dr. William C. Dickison; doctoral dissertation: "Phylogenetic relationships of the vanilloid orchids: an integration of molecular, anatomical, and morphological data"; 1990-1996

Rhodes College, Memphis, Tennessee; B.S., *cum laude*, Hyde Scholar, with honors in biology; honors thesis: "A systematic survey of the Sarraceniaceae"; 1985-1989

Professional Experience

University of Wisconsin, Madison. Professor, tenured, Department of Botany (2008-present; promotion to Full Professor in 2010)

University of Wisconsin, Madison. Director, Wisconsin State Herbarium (WIS). >1.2 million specimen worldclass collection. Supervisor for two, permanent, full-time, academic staff curators and others. (2008-present)

The New York Botanical Garden, Bronx, New York. Director (2004-2008) and Associate Curator (2003-2008), The Lewis B. and Dorothy Cullman Program for Molecular Systematics Studies; Acting Chairman (1999-2004), Assistant Curator (1998-2003); adjunct curatorship in the Institute of Systematic Botany (1998-2008)

Guilford College, Greensboro, North Carolina, Assistant Professor of Biology; Coordinator of Environmental Studies; August 1996 - June 1998 (tenure-track position)

The Royal Botanic Gardens, Kew, United Kingdom, Jodrell Laboratory, Molecular Systematics Section, Research Assistant, May-July 1995, January-August 1994; Postdoctoral Research Visitor, July - August 1997

The Smithsonian Institution, Department of Botany, Washington, DC, Museum Technician; June-September 1989, May-August 1991, July-August 1992, June-July 1993

The American Association for the Advancement of Science/SCIENCE magazine, Washington, DC, Communications Assistant; January-July 1990

Raleigh Symphony Orchestra, Durham Symphony, UNC Orchestra, and North Carolina Theatre, principal oboe/English horn; September 1992-June 1993 and dates as needed

Biospherics, Inc., Beltsville, Maryland, Agricultural Information Specialist; September 1989-January 1990

Meeman-Shelby Forest State Park, Millington, TN, Naturalist; May-November 1987

Adjunct Positions Held

Sarah Lawrence College, Department of Biology, Guest Faculty, 2001-2003; 2005-2008

New York University, Department of Biology, Visiting Professor, 1999-2008

Columbia University, Center for Environmental Research and Conservation. adjunct faculty, 1999-2008

City University of New York, Department of Biology, adjunct faculty member, 1998-2008

The Cooper Union, School of Art, New York, adjunct professor, 1999-2001; 2004-2006

Teaching Experience

University of Wisconsin, Madison, Dept. of Botany, undergraduate course in General Botany, Plant Morphology & Evolution, graduate seminars in Systematics & Evolution
Sarah Lawrence College, Department of Biology, half-time guest faculty: undergraduate courses in Principles of Botany, Botany Laboratory, Plants and Society, Field Botany
New York University, Department of Biology, Visiting Professor: graduate lectures in Biology
The Cooper Union, School of Art, Adjunct Faculty: undergraduate course in Plant Science
The New York Botanical Garden, Department of Continuing Education: courses in Botany
Guilford College, Department of Biology, Assistant Professor: undergraduate courses in General Botany, Botany Laboratory, Vascular Plant Diversity, Vascular Plants Laboratory, Field Botany, Field Botany Laboratory, Economic Botany, American Naturalists/Nature Writing, Mycology
The University of North Carolina, Chapel Hill, Department of Biology, Teaching Assistant/Laboratory Instructor: undergraduate lectures/labs in Plant Diversity, Structure and Evolution of Vertebrates, Principles of Biology, Diversity of Organisms

Extramural Professional Service

Botanical Journal of the Linnean Society, North American Editor, 2011-2013.
Systematic Botany, Associate Editor, 2007-2011.
Brittonia, Associate Editor, 1998-2007.
Orchid Biology: Reviews and Perspectives, Co-Editor, September, 2002-2007.
American Society of Plant Taxonomists, member of Awards Committee (2003-2004); judge for Cooley Award (2001, 2002, 2003); Meeting Moderator (2001, 2002, 2003); Publicity Committee (2006-2007); Elected Council Member at Large (2009-2011)
Botanical Society of America, Structural and Developmental Section, Chairing member of the Katherine Esau award committee, 2005-present.
Society for Conservation Biology, member of the 2004 Annual Meeting Executive Organizing Committee and PR Committee Chairman, CERC, New York.
Orchid Specialists Group, Species Survival Commission, IUCN, member, 1998-present
Plant Working Group, the Consortium for the Barcode of Life, Vice-chair, 2006-2007
NY Comparative Plant Genomics Consortium (The New York Botanical Garden, New York University, Cold Spring Harbor Laboratory), Co-Principle Investigator, 2000-2007
Reviewer, US National Science Foundation, *American Journal of Botany*, *Systematic Botany*, *Plant Biology*, *Madroño*, *Lindleyana*, *Botanical Journal of the Linnean Society*, *Brittonia*, *Memoirs of the New York Botanical Garden*, Missouri Botanical Garden Press, *Natural History*, *Monocots II*, and *Journal of Plant Research*, among others
The New York Botanical Garden, Andrew Mellon Foundation Fellowship Committee, 1999-2001; Computer Advisory Committee, 1999-2001; Plant Research Laboratory Management Committee, 1999-2007; Vice-President for Science Search, 2001
New York University, Committee for Graduate Program in Plant Resources, 1998-2001
Guilford College, faculty advisor for: Beta Beta Beta National Biology Honor Society; Collaborative program in Forestry with Duke University; Outdoors Club; GLBA; Benefits Committee; Curriculum Revision Task Force, 1996-1998
Highlands Biological Field Station, Highlands, NC, Board of Scientific Advisors, 1997
Royal Botanic Gardens, Kew, U.K., external review participant, January, 1996

The University of North Carolina, Chapel Hill, Department of Biology, evolutionary plant systematist search committee member, December, 1994
The University of North Carolina, Chapel Hill, Biology Graduate Student Association, President, 1993-94; Treasurer, 1992-93
Rhodes College Science Journal, Editor, 1987-1989.

Select Intramural Service

UW-Madison, Natural History Museums Council, Chair, 2014-present.
UW-Madison, Faculty Senate, Senator, 2014-present; Alternate Senator, 2011-2015
UW-Madison, Committee on Honorary Degrees, elected member, 2012-2016
UW-Madison Undergraduate Botany Club Faculty Advisor, 2009-present
UW-Madison Botany Advancement Committee, Chair, 2014-present
UW-Madison Botany Graduate Program Committee, Chair, 2010-present
UW-Madison Botany Information Technology Committee, 2009-2013
UW-Madison Botany Social Committee, Chair, 2009-2014
UW-Madison, Biological Sciences Division Curriculum Planning Committee, elected, 2010-present (Vice-Chair 2010, Chair, 2011)
Wisconsin Institutes for Discovery Town Hall Activities Planning Committee, invited, 2010
UW-Madison Arboretum Committee, appointed, 2010-present
UW-Madison LGBT Issues Committee, appointed
UW-Madison Botany Merit Committee, 2009-2011
UW-Madison Search Committee for: Botany Student Services Coordinator, Chair, 2010; Media Artist 2010; IT Specialist, 2010; Plant Biochemist, 2010
Herbarium Director, supervising Senior Curators Mary Ann Feist & Mark Wetter
Supervisor for Graduate Program Director, Carmella Diosana
Supervisor for Faculty Associate Susan Will-Wolf
Sponsor of University Honorary Fellows: Galen Smith, Luz-Maria Gonzalez-Villarreal, Elizabeth Zimmerman, Jim Bennett, Andrew Hipp, Michael Wiemann, Craig Anderson & newly appointed Senior Research Scientist Thomas Nash

Extramural Grants

National Science Foundation, PI for “Collections in Support of Biological Resources: Natural History: Critical Upgrades, Expansion, and Reorganization of the Wisconsin State Herbarium” 2015-2016 (\$355,025)
National Science Foundation, PI for “Dissertation Research: Systematics and Biogeography of the tribe Vanilleae (Orchidaceae), and a monograph of the genus *Epistephium*” [Giovanny Giraldo, doctoral candidate Co-PI] 2015-2017 (\$19,505)
National Science Foundation, Lead PI for “Documenting the Occurrence through Space & Time of Aquatic Non-indigenous Fish, Mollusks, Algae, & Plants Threatening North America’s Great Lakes” 2014-2017 (\$2,480,000 collaborative among 20 institutions, \$910,000 for UW-Madison)
National Science Foundation, PI for “Dissertation Research: Molecular systematics, flower micro-morphology, & floral fragrances in *Mormolyca* (Orchidaceae)” [Rafael Arevalo, doctoral candidate co-PI] 2013-2015 (\$19,500)

- National Science Foundation, PI for “Dissertation Research: Systematics of the *Tillandsia fasciculata* Complex (Bromeliaceae)” [Brian Sidoti, doctoral candidate co-PI] 2012-2014 (\$14,959)
- National Science Foundation, Lead PI for “Toward Documenting Biodiversity Change in Arctic Lichens: Databasing the Principal Collections” 2011-2014 (\$239,000)
- National Science Foundation, sub-awardee for “Advancing Digitization of Biological Collections: Plants, Herbivores and Parasitoids” 2011-2012 (\$40,000)
- Environmental Protection Agency (via WI DNR to WIS Herbarium), National Wetland Condition Assessment, 2011 (\$4,350)
- National Science Foundation, 1 of 4 Co-PIs for “Dimensions of Biodiversity: Roles of functional, phylogenetic, and genetic diversity in structuring and sustaining plant communities through environmental change” 2010-2015 (\$2,934,940 for UW-Madison)
- Andrew W. Mellon Foundation, PI for “A Midwest Collaborative Effort for GPI Plant Type Specimen Digitization: Wisconsin, Iowa, Minnesota & Nebraska ” 2010-2012 (\$55,000)
- USDA, Forest Products Laboratory, PI for “Curation of the USDA, FPL Xylarium” 2009-10 (\$15,000)
- Andrew W. Mellon Foundation, PI for “Data Basing and Digitizing Latin American and Other Plant Type Specimens in the Wisconsin State Herbarium” 2008-2010 (\$67,000)
- Alfred P. Sloan Foundation, PI for “TREE-BOL: A Collaborative Effort to Establish Global Priorities for Plant DNA Barcoding” 2007-2009 (\$572,000)
- Alfred P. Sloan Foundation, PI for “DNA barcoding The New York Botanical Garden Forest: A floristic approach to identifying a DNA barcode for plants” 2006 (\$45,000)
- National Science Foundation, PI for “Acquisition of a capillary DNA sequencer for The New York Botanical Garden” 2005 (\$146,500)
- Gordon and Betty Moore Foundation and the Sloan Foundation. Co-PI for “Establishing a standard DNA barcode for land plants, a project proposal prepared by The Royal Botanic Gardens, Kew on behalf of the Plant Working Group of the Consortium for the Barcode of Life”. July 2005 – Dec 2006. (\$800,000).
- National Science Foundation, REU Supplement for "Phylogenetics and plastid genome evolution of Vanilloideae (Orchidaceae)" 2004 (\$11,250)
- National Science Foundation, PI for "Phylogenetics and plastid genome evolution of Vanilloideae (Orchidaceae)" 2001-2004 (\$131,417)
- Orchid Research Gift from Mrs. Nancy Hoffman, Hoffman Galleries, New York, NY, 2001 (\$500)
- Botanical Society of America, Structural and Developmental Section, sponsorship for annual meeting symposium, "Structural botany in systematics: a symposium in memory of William C. Dickison" with Dennis Stevenson, 2001 (\$250)
- Center for Environmental Research and Conservation, Columbia University, “Development of a Plant Conservation Genetics Program for the New Caledonian Flora” with William Hahn, Jean-Christophe Pintaud, and Timothy Motley, 1999-2000 (\$9,900)
- National Science Foundation Doctoral Dissertation Improvement Grant for "Phylogenetic relationships of the vanilloid orchids: an integration of molecular with anatomical and morphological data" Dr. William Dickison, co-PI; 1994-1996 (\$10,000)

Intramural Grants

- UW-Madison, Laboratory and Classroom Modernization Grant for the Wisconsin State Herbarium, 2014 (\$50,000)
- UW-Madison, Biological Sciences Collaborative Recruitment Grant, Botany and Zoology, 2010-2011 (\$10,000)
- UW-Madison Worldwide Universities Network (WUN) Seed Grant for DNA Barcoding North American & Asian Catbriers (*Smilax* spp.), July 2010 (\$1,500)
- UW-Madison Worldwide Universities Network (WUN) International Collaboration Travel Award, to Zhejiang University, Hangzhou China, April 2009 (\$1,500)
- UW-Madison, Graduate School International Travel Award, 2008 (\$1,500)
- Keenan Faculty Development Grant for participation in the Council for International Educational Exchange Faculty Development Seminar "Sustaining the Masses: Environmental Protection and Economic Development in China", Nanjing, China, 1997 (\$1,900)
- UNC Department of Biology Chairman's Discretionary Fund; 1995 (\$500)

Awards & Fellowships

- Peter Raven Award for Exceptional Scientific Outreach, American Society of Plant Taxonomists. ASPT's second highest honor. Awarded at the annual meeting of the society. International competition. 2014
- Linnean Society of London, elected Fellow, 2012
- American Orchid Society, Graduate Fellowship for Aida Alvarez, supervised by K. Cameron, "Systematics and Ecology of *Gomphichis* Lindl. (Orchidaceae)", 1999-2001 (\$27,000)
- Academic Dean's Research Award, Guilford College, August, 1997 (\$600)
- George R. Cooley Award, American Society of Plant Taxonomists, for the single most outstanding contributed paper in systematics presented at the annual meeting; Seattle, 1996
- Katherine Esau Award, Botanical Society of America, for the single most outstanding contributed paper in developmental or structural botany; Seattle, 1996
- Dr. W. C. Coker Botany Fellowship, University of North Carolina; 1995-96 (\$5,700)
- Cooley Foundation Botanical Research Fellowship; 1993 (\$1,000)
- University of North Carolina Smith Research Fund; 1993 (\$200)
- University of North Carolina Graduate School Travel Award; 1992 (\$300)
- Alma Holland Beers Scholarship for Botanical Research, University of North Carolina; 1995, 1992 (\$2,000)
- University of North Carolina Biology Graduate Student Association Outstanding Teaching Assistant Award; Fall 1991
- Louise Mercer Award for Outstanding Musicianship, Rhodes College; 1989 (\$500)
- The J.R. Hyde Foundation Competitive Scholarship, four years tuition, room and board, Rhodes College; 1985-1989 (\$48,000)
- Botanical Society of America, Young Botanist Recognition Award; 1989
- The Wal-Mart Foundation Competitive Scholarship; 1985-1989 (\$1,000)

Published Papers and Book Chapters

- Spalink, Daniel, Bryan T. Drew, Matthew C. Pace, John G. Zaborsky, **Kenneth M. Cameron**, Kenneth J. Sytsma. 2016 (in press). Evolution of geographical place and niche space: patterns of diversification in the North American sedge (Cyperaceae) flora. *Molecular Phylogenetics and Evolution*.
- Arévalo, R., BS.Carlsward,G Bergquist & **KMCameron**. 2016 (in press). Comparative labellar micro-morphology of *Mormolyca* (Maxillariinae: Orchidaceae). *Memoirs of the NY Botanical Garden*.
- Cameron, KM** & C van den Berg. 2016 (in press). *Pogoniopsis* is an epidendroid orchid that has been misclassified in subfamily Vanilloideae. *Memoirs of the NY Botanical Garden*.
- Givnish, TJ, D Spalink, M Ames, SP Lyon, SJ Hunter, A Zuluaga, W Iles, MA Clements, MTK Arroyo, J Leebens-Mack, L Endara, KM Neubig, WM Whitten, NH Williams, & **KM Cameron**. 2015. Phylogenomics of orchids and multiple drivers of their extraordinary diversification. *Proceedings of the Royal Society. Series B*. 282: 20151553 (10 pages).
- Doucette, A., J. McDaniel, G. Merino, J. Portilla, and **K. Cameron**. 2015. Two new *Masdevallia* species and a new *Porroglossum* (Orchidaceae: Pleurothallidinae) from Zamora-Chinchipe, Ecuador. *Lindleyana* 504-511.
- Zuluaga, A., **K. Cameron**, T. Croat, & M. Medecilo. 2015. Testing the monophyly of *Spathiphyllum* (Araceae), and the relationship between Asian and tropical American species. *Aroideana* 38(1): 107-115.
- Chase, MW, **KM Cameron**, JV Freudenstein, AM Pridgeon, G Salazar, C Van DenBerg & A Schuiteman. 2015. An updated classification of Orchidaceae. *Bot J Linn Soc*. 177: 151-174.
- Arévalo, R., G. Carnevali Fernandez-Concha, & **K. Cameron**. 2015. Three new species of *Mormolyca* (Orchidaceae; Maxillariinae) with an updated molecular phylogeny. *Systematic Botany* 40(3): 692-705.
- Shi, S., Y. Sun, L. Wei, XF. Lei, **K. M. Cameron**, & CX. Fu. 2014. Plastid DNA sequence data help to clarify phylogenetic relationships and reticulate evolution in *Lycoris* (Amaryllidaceae). *Bot J Linnean Society* 176(2): 115-126. Article first published online: 11 SEP 2014 | DOI: 10.1111/boj.12198
- Dueck, L., D. Aygoren, and **K. Cameron**. 2014. A Molecular Framework for Understanding the Phylogeny of *Spiranthes* (Orchidaceae), a Cosmopolitan Genus with a North American Center of Diversity. *American Journal of Botany* 101(9): 1-21.
- Qi, Z., **K. M. Cameron**, P. Li, Y. Zhao, S. Chen, G. Chen, and C. Fu. 2013. Phylogenetics, character evolution, and distribution patterns of the greenbriers, Smilacaceae (Liliales), a near-cosmopolitan family of monocots. *Botanical Journal of the Linnean Society* 173(4): 535–548.
- Arévalo, R. and **K. Cameron**. 2013. Molecular Phylogenetics of *Mormolyca* (Orchidaceae: Maxillariinae) based on combined molecular data sets. *Lankesteriana* 13: 1-11.
- Zhao, Y.P., Z. Qi, W. Ma, Q. Dai, P. Li, **K. M. Cameron**, J. Lee, Q.-Y. Xiang, and C. Fu. 2013. Comparative phylogeography of the *Smilax hispida* group (Smilacaceae) in eastern Asia and North America - implications for allopatric speciation, causes of diversity disparity, and origins of temperate elements in Mexico. *Molecular Phylogenetics and Evolution* 68(2): 300-311.

- Arévalo, R., **K. Cameron** & E. Christenson. 2013. Three new species of *Ornithidium* and *Maxillaria* (Maxillariinae) from Colombia: Recent discoveries from the Cordillera Occidental of the Colombian Andes. *Orchids* 82(1): 44–48.
- Li, P., M. Li, Y. Shi, Y. Zhao, Y. Wan, C. Fu, and **K. M. Cameron**. 2013. Phylogeography of North American herbaceous *Smilax* (Smilacaceae): Combined AFLP and cpDNA data support a northern refugium in the Driftless Area. *American J of Botany* 100: 801-814.
- GE Meyer, L Baquero, & **KM Cameron**. 2012. A New Ecuadorian species of *Dracula*: Pleurothallidinae (Orchidaceae). *Orchideen Journal* 12 pages, published online first: 03/01/2012; 22:00h CET; ISSN number 1864-9459.
- Cameron, K. M.** 2011. A look at ‘the orchid book’ in celebration of Charles Darwin’s 200th birthday. *Lankesteriana* 11(3): 223-231.
- Li, P., Z. Qi, S. Chen, **K. Cameron**, & C.-X. Fu. 2011. *Smilax ligneoriparia* sp. nov., a link between herbaceous and woody *Smilax* (Smilacaceae) based on morphology, chromosome and molecular data. *Taxon* 60:1104-1112.
- Cameron, K. M.** 2011. *Vanilla* Phylogeny and Classification, pp. 243-255 in *Handbook of Vanilla Science and Technology* (edited by D. Havkin-Frenkel), Wiley Blackwell.
- Cameron, K. M.** 2011. Vanilloid orchids: systematics and evolution, pp. 1-13, In: *Medicinal and Aromatic Plants, Vol 47, Vanilla*, E. Odoux and M. Grisoni, eds. CRC Press, Taylor & Francis Group, Boca Raton, Florida.
- Cameron, K. M.** 2010. On the value of taxonomy, phylogeny, and systematics to orchid conservation: implications for China’s Yachang Orchid Reserve. *Botanical Review* 76: 165-173.
- Cameron, K. M.** 2010. The role of systematics in orchid conservation. North American Native Orchid Conservation, pp. 2-8, North American Native Orchid Conference Proceedings, Green Bay, WI.
- CBOL Plant Working Group: Hollingsworth PM, Forrest LL, Spouge JL, Hajibabaei M, Ratnasingham S, van der Bank M, Chase MW, Cowan RS, Erickson DL, Fazekas AJ, Graham SW, James KE, Kim K–J, Kress WJ, Schneider H, van Alphen Stahl J, Barrett SCH, van den Berg C, Bogarin D, Burgess KS, **Cameron KM**, Carine M, Chacón J, Clark A, Conrad F, Devey DS, Clarkson JJ, Ford CS, Hedderson TAJ, Hollingsworth ML, Husband BC, Kelly LJ, Kesanakurti PR, Kim JS, Kim YD, Lahaye R, Lee H–L, Long DG, Madriñán S, Maurin O, Meusnier I, Newmaster SG, Park C–W, Percy DM, Petersen G, Richardson JE, Salazar GA, Savolainen V, Seberg O, Wilkinson MJ, Yi D–K, Little DP. 2009. Botanists Recommend a DNA Barcode for Land Plants. *Proceedings of the National Academy of Sciences* 106(31): 12794-12797.
- Yam, T. W., J. Arditti, and **K. M. Cameron**. 2009. The orchids have been a splendid sport, an alternative look at Charles Darwin’s contribution to orchid biology. *American Journal of Botany* 96(12): 1–27.
- Alvarez-Molina, A. and **K. M. Cameron**. 2009. Molecular Phylogeny of Prescottiinae s.l. and their close allies (Orchidaceae, Cranichideae) inferred from chloroplast and nuclear ribosomal DNA sequences. *American Journal of Botany* 96: 1020-1040.
- Cameron, K.** 2009. On the value of nuclear and mitochondrial gene sequences for reconstructing the phylogeny of vanilloid orchids (Vanilloideae, Orchidaceae). *Annals of Botany* 104: 277-385.
- Meyer, G. and **K. Cameron**. 2009. A Preliminary Phylogenetic Study of *Dracula* (Pleurothallidinae, Epidenderoideae, Orchidaceae) based on plastid *matK* sequence data.

- Proceedings of the Second Conference on Andean Orchids Universidad Técnica Particular de Loja, Ecuador, pp. 100-114.
- Lubinsky, P., **K. Cameron**, S. Lepers-Andrzejewski, M. Wong, M. del Carmen Molina, A. Gómez-Pompa, and S.-C. Kim. 2008. Neotropical roots of a Polynesian spice: the hybrid origin of Tahitian vanilla, *Vanilla tahitensis* (Orchidaceae). American Journal of Botany 95(8): 1040-1047.
- Leathers, J., G. Meyer, J. Parker, and **K. Cameron**. 2008. The Genus *Dracula*. Orchid Digest 72(4): 244-255.
- Dueck, L. and **K. Cameron**. 2008. Molecular evidence on the species status and phylogenetic relationships of *Spiranthes parksii*, an endangered orchid from Texas. Conservation Genetics 9:1617–1631.
- Brown, P. M. B, L. A. Dueck, and **K. M. Cameron**. 2008. *Spiranthes stellata* (Orchidaceae), a new species of ladies'-tresses from the western United States. North American Native Orchid Journal 14(1): 3-21.
- Cameron, K.** December 2007. Molecular phylogenetics of Orchidaceae: the first decade of DNA sequencing. Pages 163- 200 In: J. Arditti, T. Kull, and K. Cameron (eds.), Orchid Biology Reviews and Perspectives, Vol. IX. The New York Botanical Garden Press, Bronx, New York.
- Chase, M. W., R. S. Cowan, P. Hollingsworth, C. van den Berg, S. Madriñán, G. Petersen, O. Seberg, **K. M. Cameron**, W. J. Kress, T. A. J. Hedderson, F. Conrad, G. Salazar, J. E. Richardson, M. Hollingsworth, T. Jørgensen, L. Kelly & M. Wilkinson. 2007. A proposal for a standardized protocol to barcode all land plants. Taxon 56(2): 295-299.
- Dueck, L. A. and **K. M. Cameron**. 2007. Sequencing re-defines *Spiranthes* relationships, with implications for rare and endangered taxa. Lankesteriana 7(1-2): 190-195.
- Cameron, K.** 2006. A comparison of plastid *atpB* and *rbcL* gene sequences for inferring phylogenetic relationships within Orchidaceae. pp. 447-464. In J. T. Columbus, E. A. Friar, J. M. Porter, L. M. Prince, and M. G. Simpson [eds.]. Monocots: Comparative Biology and Evolution, 2 vols. Rancho Santa Ana Botanic Garden, Claremont, California, USA.
- Cameron, K.** and C. Fu. 2006. A nuclear rDNA phylogeny of *Smilax* (Smilacaceae). Pp. 598-605. In J. T. Columbus, E. A. Friar, J. M. Porter, L. M. Prince, and M. G. Simpson [eds.]. Monocots: Comparative Biology and Evolution, 2 vols. Rancho Santa Ana Botanic Garden, Claremont, California, USA.
- Cameron, K.** and M. Carmen Molina. 2006. Photosystem II gene sequences of *psbB* and *psbC* clarify the phylogenetic position of *Vanilla* (Vanilloideae, Orchidaceae). Cladistics 22: 239-248.
- Chen, S.-C. C.-X. Fu, X.-P. Zhang, and **K. M. Cameron**. 2006. The systematic value of pollen morphology in Smilacaceae. Plant Systematics and Evolution 259: 19-37.
- Chen, S.-C. Y.-X. Qiu, A.-L. Wang, **K. M. Cameron**, and C.-X. Fu. 2006. A phylogenetic analysis of the Smilacaceae based on morphological data. Acta Phytotaxonomica Sinica 44: 113-125.
- Cameron, K. M.** 2005. Orchidaceae [27 generic treatments in Spanish]. In: P. Sklenář, J. L. Luteyn, C. U. Ulloa, P. M. Jørgensen, and M. O. Dillon (co-authors), Flora Genérica de los Páramos: Guía Ilustrada de las Plantas Vasculares, pp. 333-352. Memoirs of The New York Botanical Garden Vol. 92, The New York Botanical Garden Press, New York.

- Arias, S., T. Terrazas, H. J. Arreola-Nava, M. Vázquez-Sánchez, and **K. M. Cameron**. 2005. Phylogenetic relationships in *Peniocereus* (Cactaceae) inferred from plastid DNA sequence data. Journal of Plant Research 118: 317-328.
- Cameron, K.** 2005. Molecular systematics of Orchidaceae: a literature review and an example using five plastid genes. In H. Nair and J. Arditti (eds.), Proceedings of the 17th World Orchid Conference, 2002, Natural History Publications (Borneo), Kota Kinabalu, Malaysia.
- Cameron, K.** 2005. Recent advances in the systematics biology of *Vanilla* and related orchids (Vanilloideae, Orchidaceae). Vanilla: First International Congress. Allured Publishing, Carol Stream, Illinois.
- Fine, P., D. Daly, F. G. Villa M., Y Mesones A., and **K. Cameron**. 2005. The contribution of edaphic heterogeneity to the evolution and diversity of Burseraceae trees in the western amazon. Evolution 59: 1464-1478.
- Cameron, K.** 2005. Leave it to the leaves: a molecular phylogenetic study of Malaxideae (Orchidaceae). American Journal of Botany 92(6): 1025-1032.
- van den Berg, C., D. Goldman, J. Freudenstein, A. Pridgeon, K. Cameron, and M. Chase. 2005. An overview of the phylogenetic relationships within Epidendroideae inferred from multiple DNA regions and recircumscription of Epidendreae and Arethuseae (Orchidaceae). American Journal of Botany 92(4): 613-624.
- Fu, C., H. Kong, Y. Qiu and **K. Cameron**. 2005. A molecular phylogenetic study of the herbaceous, east asian-north american disjunct species of *Smilax* sect. *Nemexia* (Smilacaceae). International Journal of Plant Sciences 166(2): 301-309.
- Cameron, K.** 2004. The Orchid Show at The New York Botanical Garden. Text by Kenneth M. Cameron and Darrin Duling. 64 pages. Shop in the Garden Books, Bronx, New York.
- Acevedo-Rosas, R., **K. Cameron**, V. Sosa, and S. Pell. 2004. A molecular phylogenetic study of *Graptopetalum* (Crassulaceae) based on ETS, ITS, *rpl16* and *trnL-F* nucleotide sequences. American Journal of Botany 91: 1099-1104.
- Qiu, Y.-X., D.-Y. Hong, C.-X. Fu, and **K. M. Cameron**. 2004. Genetic variation in the endangered and endemic species *Changium smyrnioides* (Apiaceae). Biochemical Systematics and Ecology 32: 583-596.
- Cameron, K. M.** 2004. Utility of plastid *psaB* gene sequences for investigating intrafamilial relationships within Orchidaceae. Molecular Phylogenetics and Evolution 31: 1157-1180.
- Cameron, K.** 2004. Sarraceniaceae. pp. 344-345. In N. Smith et al. (eds.), Flowering Plants of the Neotropics, Princeton University Press, New Jersey.
- Cameron, K.**, M. Chase, and P. Rudall. 2003. Re-circumscription of the monocotyledonous family Petrosaviaceae to include *Japonolirion*. Brittonia 55(2): 211-222.
- Arias, S., T. Terrazas, and **K. Cameron**. 2003. Phylogenetic analysis of *Pachycereus* (Cactaceae, Pachycereae) based on chloroplast and nuclear DNA data. Systematic Botany 28: 547-557.
- Cameron, K.** 2003. Vanilloideae [15 generic treatments]. In A. Pridgeon, P. Cribb, M. Chase, and F. Rasmussen (eds.), Genera Orchidacearum vol 3, Oxford University Press, Oxford.
- Cameron, K.** 2002 [April 2003]. On the phylogenetic position of the New Caledonian endemic families Strasbergiaceae, Oncothecaceae, and Paracryphiaceae: a comparison of molecules and morphology. The Botanical Review 68(4): 428-443.
- Chase, M. W., **K. M. Cameron**, R. Barrett, and J. F. Freudenstein. 2003. DNA Data and Orchidaceae systematics: a new phylogenetic classification. Pages 69-89 *In*: K. W. Dixon, S.

- P. Kell, R. L. Barrett, & P. J. Cribb (eds.), Orchid Conservation. Natural History Publications, Kota Kinabalu, Sabah.
- Stevenson, D. and **K. Cameron**, co-editors. 2002 [April 2003]. Structural Botany in Systematics: a Symposium in Memory of William C. Dickison. The Botanical Review 68(4): 425.
- Jobson, R., J. Playford, **K. Cameron**, and V. Albert. 2003. Molecular phylogenetics of Lentibulariaceae inferred from plastid *rps16* intron and *trnL-F* DNA sequences: implications for character evolution and biogeography. Systematic Botany 28: 157-171.
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- Savolainen, V., M. F. Fay, D. C. Albach, A. Backlund, M. van der Bank, **K. M. Cameron**, S. A. Johnson, M.D. Lledo, J.-C. Pintaud, M. Powell, M. C. Sheenan, D. E. Soltis, P. S. Soltis, P. Weston, W. M. Whitten, K. W. Wurdack, and M. W. Chase. 2000. Phylogeny of the eudicots: a nearly complete familial analysis based on *rbcL* gene sequences. Kew Bulletin 55:257-309.
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- Cameron, K.** 1989. The effects of red, white, and blue light on three movement behaviors in *Daphnia*. Rhodes College Science Journal 7: 36-42.

Published Books

- Cameron, K. M.** 2011. Vanilla Orchids: Natural History and Cultivation. 212 pages. Timber Press, Portland, OR.
- Cameron, K.**, J. Arditti, and T. Kull (Co-editors). December 2007. Orchid Biology Reviews and Perspectives, Vol. IX. The New York Botanical Garden Press, Bronx, New York. 555 pages.
- Cameron, K.** 2002. The Plant Atlas, Benchmark Education Publishing, New York.
- Cameron, K.** 2002. Plantas Alrededor del Mundo, Benchmark Education Publishing, New York.
- Cameron, K.** 2002. Plant Genetics, Benchmark Education Publishing, New York.
- Cameron, K.** 2002. La Genética de las plantas, Benchmark Education Publishing, New York.

Publications In Review

- Spalink, Daniel, Bryan T. Drew, Matthew C. Pace, John G. Zaborsky, Julian R. Starr, **Kenneth M. Cameron**, Kenneth J. Sytsma. In review. Historical biogeography and diversification of the cosmopolitan Cyperaceae. *Journal of Biogeography*.
- Sosa, V., **K. M. Cameron**, D. F. Angulo, and T. Hernández-Hernández. In review. Life form evolution in epidendroid orchids: ecological consequences of the shift from epiphytism to terrestrial habit. *Organisms, Diversity and Evolution*.
- Pace, M. & **K. Cameron**. In review. Reinstatement and redescription of *Spiranthes triloba* (Orchidaceae): Not three-lobed but thrice named while simultaneously lost under synonymy for 109 years. *Systematic Botany*.
- Pace, M., S. Orzell, E. Bridges, & **K. Cameron**. In review. *Spiranthes igniorchis* (Orchidaceae), a new and rare cryptic endemic of the Central Florida Ridges and Osceola Plain fire-maintained subtropical grasslands. *Brittonia*

Popular Articles

- Cameron, K.** and the Madison Orchid Research Group (MORG). 2013. Orchid Evolution: A series of twelve monthly essays, *Orchids* Vol. 82 (1-12).
- Cameron, K.** 2007. Barcoding for Botany. *Natural History Magazine* 116(2): 52-57. Feature story online at www.naturalhistorymag.com for March 2007 and profiled in the Editor's column "Killer App" by Peter Brown, p. 6.
- Cameron, K. M.** 2005. Orchid Science: "How can you tell it's an orchid?" The New York Botanical Garden's *Garden News*. Winter 2005, p. 6.
- Cameron, K.** 2004. Age and Beauty: Kin to both irises and onions, orchids have a long history and a large repertoire of enticing tricks. *Natural History Magazine* 113(5): 26-32.
- Cameron, K. M.** 2001. Plant Info: Orchids. The New York Botanical *Garden News* 35(1): 10.
- Cameron, K. M.** 2001. Orchids: an essay. *Winter Orchidarium*. Art Catalogue for Nancy Hoffman Gallery, New York.
- Cameron, K.** 2000. Science News: Exploring Ancient Treasures. The New York Botanical *Garden News* 33(3): 9.

Selected Book Reviews

- Cameron, K.** 2008. Book review of *Growing Carnivorous Plants* by Barry Rice. Timber Press 234 pp. In *Brittonia* 60(3): 303.
- Cameron, K.** 2007. Book review of *Wild Orchids of the Pacific Northwest and Canadian Rockies* by Paul Martin Brown. 287 pages. In *Brittonia* 59: 104-105.
- Cameron, K.** 2006. Book review of *Genera Orchidacearum* edited by A. Pringle, P. Cribb, M. Chase, and F. Rasmussen. In *Orchids* October: 776.
- Cameron, K.** 2001. Book review of *Phalaenopsis*, a monograph by E. Christenson. In *Brittonia* 53: 563-564.
- Cameron, K.** 2001. Book review of *Icones Pleurothallidarum XV-XIX* by C. Luer. In *Brittonia* 53: 81.
- Cameron, K.** 2000. Book review of *Orchids of Guatemala: a Revised Annotated Checklist* by M. A. Dix and M. W. Dix. *Brittonia* 54: 365.
- Cameron, K.** 2000. Book review of *Sternermark's Flora of Missouri* by G. Yatskievych. *Brittonia* 54:361.

Selected Speaking Engagements (Invited; Non-Conference)

- Santa Barbara Orchid Estate and Greater Orchid Society. 2015 Featured Author and Speaker. July 10-13, 2015.
- Capitol Orchid Society, Washington, DC. "Vanilla Orchids" May 2015.
- North Shore Boulangerie, Milwaukee, WI. "Mysteries of Vanilla" with World Champion pastry chef, Patrice Caillot. Oct 19, 2014.
- NC Botanical Garden, University of NC at Chapel Hill. Nov 18, 2014.
- University of Alaska, Fairbanks. "Evolution of Vanilla (Orchidaceae)" Sept 5, 2014.
- Zhejiang University, Hangzhou, China, "Molecular Phylogeny of the Wisconsin Flora", June 2014.
- The Ohio State University, Columbus, OH, Nov 21, 2013
- Korea National Arboretum and Herbarium, "Role of the Modern Herbarium in Studying Taxonomy of Orchids", Invited keynote speaker, Seoul, Korea, Nov 2013.
- San Francisco Orchid Society, "Vanilla Orchids", June 2013.
- Honolulu Orchid Society, "Vanilla Orchids", Feb 2013
- Iowa State University, "Vanilla Orchids", October 2012.
- Dawin Day, UW-Madison, invited speaker, "Confessions of a 200 year old orchidophile", Feb 13, 2010
- Orchid Quest, Madison, WI, "Orchid Conservation in Guangxi, China" Feb 6, 2010
- Mound Vue Garden Club, Mt. Horeb, WI "Plant Collecting in China's Yellow Mountains" Feb 2, 2010
- Mid-American Orchid Meeting, 50th Anniversary. Franklin, Tennessee, paper presented, October 31, 2009.
- Guangxi Orchid Conservation Symposium, Guangxi, China, Keynote speaker: Systematics and orchid conservation", May 2009.
- Northwestern University, Evanston, IL, "Systematics of Vanilloideae", March 2009.
- Third Scientific Conference on Andean Orchids, Quito, Ecuador, "Keynote Address: Darwin's Orchid Book", February, 2009.
- Greater Madison Orchid Society, Madison, WI, "Orchid Quest", January 2009.
- Illinois Orchid Society, Chicago Botanic Garden, "*Vanilla*: the ice cream orchid", July, 2008.
- Old Dominion University, Norfolk, VA, Department of Biology Annual Natural History Lecture and Field Excursion, "Natural History of Orchids", April 10, 2008.
- Greater Madison Orchid Society, Madison, WI, "Orchid Extravaganza", January 2008.
- Bedford Audubon Society, Katonah, NY, "DNA barcoding a regional flora", Dec 6, 2006.
- Fairchild Botanical Garden and Montgomery Research Center, Miami, FL, "DNA barcoding, an example using North American Vanilla species", Dec 4, 2006.
- Deep Cut Orchid Society, Asbury Park, New Jersey "DNA barcoding, an example using North American Vanilla species", Nov 13, 2006.
- University of Connecticut, Storrs, Department of Evolutionary Biology, "DNA barcoding, an example using North American Vanilla species", October 2006.
- New York Area Plant Molecular Biology Meeting. "DNA Barcoding the Forest of The New York Botanical Garden", May 16, 2006.
- American Museum of Natural History, "Darwin and Orchid Evolution", Dec 13, 2005.
- Fordham University, "Evolutionary patterns in the transition between the terrestrial and epiphytic habit in orchids (Orchidaceae)", Dec 8, 2005.

- Sarah Lawrence College, "Evolutionary patterns in the transition between the terrestrial and epiphytic habit in orchids (Orchidaceae)", Oct 13, 2005.
- SUNY, Stony Brook, Department of Ecology and Evolution, "Evolutionary patterns in the transition between the terrestrial and epiphytic habit in orchids (Orchidaceae)", Oct 12, 2005.
- Rutgers University, "Systematics of *Vanilla* orchids" April, 2004.
- The New York Botanical Garden, "Orchid science at the Garden" March, 2003.
- The New York Botanical Garden, "Introduction to PAUP* software: a workshop" Oct, 2002.
- Zhejiang University, Hangzhou, China, "DNA and Orchid Classification" and "Applying to Graduate School in the USA" June, 2002.
- South China Institute of Botany, Guangzhou, "DNA & Orchid Classification", June, 2002.
- Zhongshan University, Guangzhou, China, "DNA and Orchid Classification", June, 2002.
- The New York Botanical Garden, "The hope of the future: unlocking plant DNA", May, 2002.
- Sarah Lawrence College, Division of Science, "What can DNA tell us about the evolution of *Vanilla* orchids?", April, 2002.
- 17th World Orchid Conference, Kuala Lumpur, Malaysia. "Keynote address: DNA & Orchid Classification" and "Orchid science made easy: molecular taxonomy," April, 2002.
- Rhodes College, "What does DNA tell us about the evolution of *Vanilla*", October 2001.
- Colegio de Postgraduados, Mexico, "Orchid Systematics", June, 2001.
- City University of New York, "Phylogeny and classification of orchids", November, 2000.
- Harvard University, "Molecular systematics of Orchidaceae", October, 1999
- Cornell University, "Molecular systematics and character evolution of orchids", October, 1999
- New York University, Department of Biology, "Orchid evolution and systematics", June, 1999
- New York City Naturalists' Club, "Orchid collecting on the lost island of New Caledonia" March, 1999
- Columbia University, CERC, "Systematics of vanilloid orchids", October, 1998
- New York Botanical Garden, "Molecular systematics of vanilloid orchids and insights into the evolution of reticulate leaf venation in monocotyledons", December, 1997
- Wake Forest University, "Phylogenetic Studies of *Vanilla* orchids", October, 1997
- Institute for Systematic Botany, University of Zurich, Switzerland, "Phylogenetic studies of Orchidaceae: molecular evidence from DNA sequences", April 1996; "Comparison of molecular trees from *rbcL* and *matK* analyses of Malpighiaceae", February, 1997
- National Capital Orchid Society, Washington, DC, "Evolution of the orchid family; evidence from DNA"; March 1995
- Universiti Malaya, Kuala Lumpur, Malaysia, "Subfamilial relationships of the Orchidaceae; evidence from DNA sequences"; March 1995
- Universiti Malaysia, Sarawak, Kota Samarahan, Sarawak, Malaysia, "Phylogenetic relationships of major lineages within Orchidaceae; evidence from chloroplast DNA sequences"; February 1995
- Singapore Botanic Gardens, Singapore, "Subfamilial relationships of the Orchidaceae; evidence from DNA sequences"; January 1995
- La Société Néo Calédonienne d'Orchidophilie, Nouméa, New Caledonia, "Les affinités sousfamille des Orchidées" in *French*; January 1995
- Australian National Botanic Gardens, Canberra, Australia, "The vanilloid orchids"; December 1994

- Royal Botanic Gardens, Kew, United Kingdom, "Phylogenetic analyses of Malpighiaceae, evidence from the plastid genes *rbcL*, *matK*, and morphology", July 1994
- Royal Botanic Gardens, Kew, United Kingdom, "Subfamilial relationships of the Orchidaceae; evidence from DNA sequences", June 1994
- Royal Botanic Gardens, Kew, United Kingdom, "DNA sequences and relationships of the Dilleniidae *sensu* Cronquist" with Drs. M. Chase and S. Swenson, April 1994

Professional Meetings/Seminars/Workshops Attended

- iDigBio Annual Summit, Gainesville, FL, paper presented, Oct 2014
- Global Plants Initiative, sponsored by A. Mellon Foundation, Panama City, Panama, Sept 2014
- Annual Meeting, the Botanical Society of America, Boise, ID, paper presented, Aug 2014
- North American Native Orchid Conference. Lake Itaska, MN. paper presented. July 15, 2014.
- 5th International Orchid Conservation Congress, La Reunion Island, France, 1 keynote paper presented, December 2013
- Monocots V, New York, NY, papers and posters presented, 2013
- North American Native Orchid Conference, Oroville, CA, papers presented, 2012
- Annual Meeting, the Botanical Society of America, New Orleans, LA, papers and posters presented, July 2013
- Fourth Scientific Conference on Andean Orchids, Invited Speaker, Guayaquil, Ecuador, Nov, 2012
- Annual Meeting, the Botanical Society of America, Columbus, OH, papers and posters presented, July 2012
- World Orchid Congress, Singapore, invited speaker, session chair, Nov 2011
- International Botanical Congress, Melbourne, Australia, paper and posters presented, July 2011
- Annual Meeting, the Botanical Society of America, St. Louis, MO, posters presented, July 2011
- Annual Meeting, the Botanical Society of America, Providence, RI, paper presented, Aug 2010
- Latin American Plants Initiative (LAPI), project participants annual meeting, Medellin, Colombia, Nov 2009, presentation given
- Annual Meeting, the Botanical Society of America, Snowbird, UT, paper presented, Aug 2009
- North American Native Orchid Conference, Green Bay, WI paper presented, 2009
- First Guangxi International Orchid Conservation Symposium, Guangxi, China, invited speaker, May 2009.
- Third Scientific Conference on Andean Orchids, Invited Speaker and moderator, Quito, Ecuador, Feb, 2009
- Latin American Plants Initiative (LAPI), project participants annual meeting, Buenos Aires, Argentina, Nov 2008
- Tree-BOL bi-annual meeting of scientific advisory board, Bronx, New York, May & Nov 2008
- Monocots IV, Copenhagen, Denmark, paper and poster presented, 2008
- Annual Meeting, the Botanical Society of America, Vancouver, BC, paper presented, 2008
- Second Scientific Conference on Andean Orchids, Invited Speaker and moderator, Loja, Ecuador, Nov, 2007
- Linnean Society, London, England, "Orchid Biology: from Linnaeus to the 21st Century". Invited speaker, Nov 2007
- Annual Meeting, the Botanical Society of America, Chicago, IL, paper presented, 2007
- International Orchid Conservation Congress III, San Jose, Costa Rica, paper co-authored, 2007
- Annual Meeting, the Botanical Society of America, Chico, CA, papers presented, 2006

North American Native Orchid Conference, papers presented, Ashland, OR, 2006
First Scientific Conference on Andean Orchids, Invited Keynote Speaker and moderator,
Cuenca, Ecuador, 9-12 Nov, 2005
Vanilla 2005. Vera Cruz, Mexico. Invited speaker, 13-16 Nov, 2005
International Botanical Congress, Vienna, Austria, 4 posters presented, July 2005
The DNA Barcode of Life First International Meeting, London, UK, January 2005
Vanilla 2004: Europe, Cannes, France, invited speaker, 2004
North American Native Orchid Conference, Myrtle Beach, SC, paper presented, 2004
Annual Meeting, the Botanical Society of America, Salt Lake City, papers presented, 2004
International Orchid Conservation Congress II, Sarasota, FL, 2004
Vanilla 2003, First International Conference, Princeton, poster presented, 2003.
Annual Meeting, the Botanical Society of America, Mobile, papers presented, 2003
Monocots III, Rancho Santa Ana Botanical Garden, Los Angeles, papers and poster presented,
session organizer, 2003
Annual Meeting, the Botanical Society of America, Madison, papers presented, 2002
World Orchid Conference, Kuala Lumpur, Malaysia, papers presented, 2002
Annual Meeting, the Botanical Society of America, Albuquerque, papers presented, 2001
Ecology of Insular Biotas, Wellington, New Zealand, 2001
Annual Meeting, the Botanical Society of America, Portland, paper and poster presented, 2000
Millennium Orchid Conference, The Linnean Society of London, invited paper presented, 2000
Southern Connections Congress, Lincoln, New Zealand, invited paper presented; 2000
International Botanical Congress, St. Louis, poster presented; 1999
World Orchid Conference, Vancouver, Canada, invited paper presented; 1999
PE Applied Biosystems DNA Sequencing Seminar, Rockefeller University, New York; 1999
Annual North American Native Orchid Alliance Conference, Tampa, invited paper presented;
1999
The *Arabidopsis* Genome: A Model for Crop Plants Meeting, Cold Spring Harbor Laboratory,
Cold Spring Harbor, New York; 1998
Monocots II, University of New South Wales, Sydney, Australia, invited papers presented 1998
Sustaining the Masses: Environmental Protection and Economic Development in China, Nanjing,
China; 1997
Advances in Molecular Systematics, University of Glasgow, Glasgow, Scotland; 1997
Active Teaching/Active Learning in the Sciences Workshop, Raleigh, North Carolina; 1996
American Institute for Biological Sciences Annual Meeting, Seattle, Washington,
papers presented; 1996
American Institute for Biological Sciences Annual Meeting, San Diego, California,
papers presented; 1995
Flora Malaysiana Symposium, Royal Botanic Gardens, Kew, Great Britain; 1995
American Institute for Biological Sciences Annual Meeting, Knoxville, Tennessee,
papers presented; 1994
International Monocot Symposium, Royal Botanic Gardens, Kew, Great Britain,
co-author on paper presented; 1993
Missouri Botanical Gardens, Systematics Symposium, St. Louis, Missouri; 1992
American Institute for Biological Sciences, Annual Meeting, Honolulu, Hawaii, paper presented;
1992
International Congress of Systematics and Evolution, College Park, Maryland; 1990

Selected Media Involvement/Outreach/Consulting

The Environment Report interview / MI Public Radio: Nov 20, 2014

WI Public Radio, live interview for 'Central Time' Dec 10, 2014 about Civil War specimen and Increase Lapham

WI Public Radio, live interview for 'Central Time' Nov 20, 2014 about lichens

Capitol News Service, Lansing, MI 'Invasives caught on screen for all to see' Nov 14, 2014

Host, "Studying Wisconsin: The Life of Increase Lapham" co-sponsored by the WI Historical Society and WI Academy of Sciences, Arts, and Letters. In conjunction with WIS Herbarium open house (ca. 150 participants), Oct 23, 2014

Profiled in Milwaukee Journal Sentinel story, Nov 29, 2014 'Wisconsin herbarium uncovers plant from field of Civil War battle' story by Meg Jones.

Profiled in Milwaukee Journal Sentinel story, Oct 5, 2014 'Acquisition of rare lichen collection lands Wisconsin in world's top tier' story by Meg Jones

UW-Madison News Online, Sept 12, 2014, 'Project prepares collection for 21st century challenge of invasive species' story by D. Tenenbaum

UW-Madison News Online, Aug 19, 2014 'Herbarium director receives award for telling the story of plants' story by D. Tenenbaum

Profiled in Milwaukee Journal Sentinel story, Dec 19, 2013 'To UW Madison Professor there's nothing ordinary about vanilla' story by Meg Jones

Scientific Consultant (paid), 2012. The Secret Life of Plants by Janet Slingerland, Capstone Press, Mankato, MN

WI Public Television, Filmed for segment of "Wisconsin Gardener" April 2012, describing the UWMadison's Mesozoic Garden at the WI Institutes for Discovery.

Interviewed on 'Garden Life', national radio broadcast, Oct 23, 2011

Profiled in Wisconsin Week, Dec 10, 2008, p. 4 "Faculty and Staff, Bringing Modern Roots to a Traditional Collection"

Research featured in 30 minute television program, "Secrets of New York," first aired Feb 2007.

Featured scientist (1 of 3) for "Ethnobotany Explorers Unit 2: Economic Botany", Educational DVD series, NYBG Children's Education in cooperation with Education Development Center (EDC) Inc. 2007.

Research featured in 60 minute television documentary for PBS, "New York Voices: The New York Botanical Garden," May 2006.

Research profiled within various newspaper, magazine, television, and radio interviews conducted in association with the grand opening of the Pfizer Research Laboratory and celebration of science at The New York Botanical Garden (including The Wall Street Journal, Nature, The New York Times, El Diario, House and Garden, etc), March-July, 2006.

Research featured in Orchids, "Vanilla on View at New York Botanical Garden", Dec 2005, p. 958.

Research results featured in Silverstone, M. 2004. A bouquet of orchids. Canadian Wildlife 10(1): 46.

Profiled alumnus in Rhodes, the magazine of Rhodes College, "Spring Planting" story by C. C. Strickland, photography by T. Cenicola, pp. 28-33. Spring 2004

Featured in The New York Times: Science Times section, "An orchid by any other name: an asparagus?" story by C. K. Yoon. 6 May, 2003. [The above story was carried in several

newspapers and magazines (e.g., *The Week*) throughout the USA (Chicago, Detroit, Atlanta, Houston, Dallas, etc.) and abroad (Italy, Denmark, Brazil, etc.).
Interviewed for a short television segment on CNN, May 2003.
Interviewed and filmed for a television segment on The Discovery Channel, Canada. May, 2003.
Quoted in various newspaper articles regarding "A Celebration of Orchids" at The New York Botanical Garden, March 2003
Featured in PBS television program "NOVA: The Orchid Hunter" Nov 26, 2002
Featured scientist on BBC Radio 4 program, "Natural Born Killers: Venus' Flytrap", Nov 2002
Quoted in, "Sonoma's little shop of horrors" San Francisco Chronicle, October 25, 2002
Featured in Home and Garden Television's one-hour documentary, "The Orchid Mystique", 2001
Quoted in article on *Vanilla* orchids in *Gourmet* magazine, July, 2000

Fieldwork and Professional Travel

Canada, United States including Alaska and Hawaii, Mexico, Costa Rica, Panama, Brazil, Ecuador, Colombia, Uruguay, Argentina, New Zealand; Australia, New Caledonia, Vanuatu, Fiji, Sarawak and Sabah of Borneo, East and West Malaysia, China, Korea, Inner Mongolia, Hong Kong, Japan, Singapore, Gabon, Madagascar, La Reunion, The United Kingdom, France, Italy; Spain, Greece, Turkey, Switzerland, Russia, etc.

Graduate Student Advisees

Shenyi Wang, Ph.D. candidate, 2015-present
James McDaniel, Ph.D. candidate, NSF Graduate Fellow, "Systematics of *Porroglossum* (Orchidaceae)" University of Wisconsin, Madison 2012-present.
Alfonso Doucette, Ph.D. candidate, NSF Graduate Fellow, "Systematics of *Dracula* (Orchidaceae)" University of Wisconsin, Madison 2012-present.
Giovanny Geraldo, Ph.D. candidate, "Systematics of *Epistephium* (Orchidaceae)", University of Wisconsin, Madison 2011-present.
Brian Sidoti, Ph.D. candidate, "Systematics of the *Tillandsia fasciculata* complex (Bromeliaceae)", University of Wisconsin, Madison 2008-present. The New York Botanical Garden and City University of New York, 2007-2015. Defended.
Matthew Pace, Ph.D. candidate, "Systematics of *Spiranthes* (Orchidaceae)" University of Wisconsin, Madison 2011-2015. Defended.
Alejandro Zuluaga, Ph.D. candidate, LASPAU Fellow, "Systematics of *Monstera* (Araceae)", University of Wisconsin, Madison 2010-2015. Defended.
Rafael Arevalo, Ph.D. candidate, "Systematics and morphology of *Maxillaria* (Orchidaceae)", University of Wisconsin, Madison, 2008-2014. Defended.
Deniz Aygoren, M.S. candidate, "Systematics of *Spiranthes* (Orchidaceae)", University of Wisconsin, Madison 2011. Defended.
Aida Alvarez, Ph.D. candidate, "Systematics and ecology of *Gomphichis* (Orchidaceae)", The New York Botanical Garden and City University of New York, 1999-2005. Degree granted May, 2005.
Colleen Finnegan, M.S. candidate, "Systematics of *Maxillariinae* (Orchidaceae)", The New York Botanical Garden and New York University, 2000 graduation.
Jackie Phillips, M.S. candidate, "Implications for conservation management: The role of genetic and molecular techniques in conserving the rare, endemic orchid *Hexalectris revoluta*

var. *colemanii*." The New York Botanical Garden and New York University, 2005 graduation.

Caren Villano, M.S. candidate, "Phylogeny of Malpighiales", The New York Botanical Garden and New York University, 2000 graduation.

Graduate Student Committees

Committee Member for Nisa Karimi, Botany Ph.D. candidate, University of Wisconsin, Madison, David Baum, advisor. 2014-present.

Committee Member for Jeffrey Rose, Botany Ph.D. candidate, University of Wisconsin, Madison, Ken Sytsma, advisor. 2013-present.

Committee Member for John Zaborsky, Botany Ph.D. candidate, University of Wisconsin, Madison, Ken Sytsma, advisor. 2012-present.

Committee Member for Alison Scott, Botany Ph.D. candidate, "Systematics of *Sequoia* (Cupressaceae)", University of Wisconsin, Madison, Ken Sytsma, advisor. 2010-present.

Committee Member for Daniel Spalink, Botany Ph.D. candidate, "Systematics of *Scirpus* (Cyperaceae)", University of Wisconsin, Madison, Ken Sytsma, advisor. 2010-present.

Committee Member for Elizabeth Georgian, Botany Ph.D. candidate, "Ethnobotany of Chinese Medicinal Plants", Univ of Wisconsin, Madison, Eve Emshwiller, advisor. 2009-present.

Committee Member for Christopher Cardona-Correa, Botany Ph.D. candidate, "Bryophyte Evolution", University of Wisconsin, Madison, Linda Graham, advisor. 2009-present.

Committee Member for Stephanie Pimm Lyon, Botany Ph.D. candidate, "Systematics and Ecology of *Corybas* (Orchidaceae)", University of Wisconsin, Madison, Tom Givnish, advisor. 2008-present.

Committee Member for Brent Berger, Botany Ph.D. candidate, "Systematics of Combretaceae", University of Wisconsin, Madison, Ken Sytsma, advisor. 2008-present.

Committee Member for Andrew Gardner, Botany, Ph.D. candidate, "Systematics of *Oxalis*", University of Wisconsin, Madison, Eve Emshiller, advisor. 2008-present.

Committee Member for Stephanie McFarlane, Botany, Ph.D. candidate, "Systematics of Malvoideae", David Baum, advisor. 2008-2009.

Committee Member for Emily Butler, Botany, Ph.D. candidate, "Systematics of *Dryopteris*", University of Wisconsin, Madison, Tom Givnish, advisor. 2008-present.

Committee Member for Josh Sulman, Botany, Ph.D. candidate, "Systematics of Sparganium", University of Wisconsin, Madison, Ken Sytsma, advisor. 2008-present.

Committee Member for Bryan Drew, Botany, Ph.D. candidate, "Systematics of Lepechinia (Lamiaceae)", University of Wisconsin, Madison, Ken Sytsma, advisor. 2008-present.

Committee Member for Lauren Raz, Ph.D. candidate, "Systematics and Morphology of West Indian Dioscorea (Dioscoreaceae)", New York University, 2005 graduation.

Committee Member for Hugh Cross, Ph.D. candidate, "Systematics and genetic variation in *Sechium* (Cucurbitaceae)", The New York Botanical Garden and Columbia University, committee member, 2004 graduation.

Committee Member for Amna Ahmad, Ph.D. candidate, "Systematics of Mexican *Hymenocallis* (Amaryllidaceae)" NY Botanical Garden and Lehman College (CUNY), 2001-present.

Committee Member for Gabriella Ocampo, Ph.D. candidate, "Systematics of Caribbean *Opuntia* (Cactaceae)", NY Botanical Garden and CUNY, committee member, 2000-present.

- External Committee Member for Kathryn Theiss, Ph.D. candidate, "Population structure of *Angraecum sesquipedale* (Orchidaceae) in Madagascar", University of Connecticut, Storrs. 2007-present.
- External Committee Member for Miguel Angel Soto Arenas, Ph.D. candidate, "A monograph of *Vanilla* (Orchidaceae)", National University of Mexico.
- External Committee Member for Barbara Gravendeel, Ph.D. candidate, "Systematics of *Coelogyne* (Orchidaceae)", University of Leiden, The Netherlands, external dissertation examiner, 2000.
- External Committee Member for Benny Bytebier, Ph.D. candidate, "Systematics of *Disa* (Orchidaceae)", Stellenbosch University, South Africa, external dissertation examiner, 2006.
- External Committee Member for Zhongchao Li, M.S. candidate, "A study on the genetic diversity of an endemic, endangered plant: *Dysosma versipellis* (Berberidaceae)", Zhejiang University, Hangzhou, China, 2002.
- External Committee Member for Xin Wen Zhou, M.S. candidate, "Studies on the conservation biology of *Dysosma versipellis* (Berberidaceae)", Zhejiang University, Hangzhou, China, 2002.
- External Committee Member for Hilda Arreola, Ph.D., "Systematics of *Stenocereus* (Cactaceae)", Colegio des Postgraduados, Mexico, and six-month fellow at The New York Botanical Garden, 2002; degree granted June 2006.

Postdocs and Other Graduate Student Supervisees

- Postdoctoral Research Supervisor for Dr. Ricardo Kriebel, 2014-present.
- Postdoctoral Research Supervisor for Dr. Shude Shi, Inner Mongolian Agricultural University, 2012-2013.
- Research Supervisor for Pan Li, Ph.D. candidate, "Taxonomy of Herbaceous Smilax species", Zhejiang University, Hangzhou, China. One-year visiting student to The University of Wisconsin-Madison, 2010-2011.
- Research Supervisor for Sergio Cardoso, Ph.D. candidate, "Systematics of *Euterpe* (Palmae)", Dept. Bioquimica Medica -UFRJ -ICB -CCS, Rio de Janeiro, Brazil and six-month fellow at The New York Botanical Garden, 2000.
- Research Supervisor for Salvador Arias, Ph.D., "Systematics of *Pachycereus* (Cactaceae)", Colegio des Postgraduados, Mexico, and six-month fellow at The New York Botanical Garden, 2000; degree granted June 2003; 12 month postdoctoral fellow, 2004.
- Research Supervisor for Richard Jobson, Ph.D. candidate, "Molecular phylogeny of Lentibulariaceae", University of Queensland, Australia and six-month visitor to The New York Botanical Garden, 1999.
- Research Supervisor and External Committee Member for Raul Acevedo, Ph.D. Candidate, "Systematics of *Graptopetalum* (Crassulaceae)", Instituto de Ecologia, Veracruz, Mexico, and six-month fellow at The New York Botanical Garden, 2002.
- Postdoctoral Research Supervisor for Dr. Kobinah Abdul-Salim, New York Botanical Garden, "Systematic Studies in *Symphonia* (Clusiaceae)", 2002-2004.

Society Memberships (Current)

American Society of Plant Taxonomists (lifetime), Botanical Society of America. American Orchid Society, North American Native Orchid Conference, Society of Herbarium Curators