

CURRICULUM VITAE

Personal: Roy Emile Gereau, born 5 December 1947, Rock Island, Illinois, U.S.A.

Education and Degrees: B.A., mathematics and French, University of Iowa, 1969 (graduation with Highest Distinction); B.S., forestry, Michigan Technological University, 1975 (graduation with Highest Distinction); M.S., biological sciences, Michigan Technological University, 1978 (graduation with Highest Distinction); enrolled in Ph.D. program at Michigan State University, 1978, successfully completed all course work, 1981.

Professional and Scholastic Positions: Teaching Assistant, Department of Mathematical and Computer Sciences, Michigan Technological University, 1975-1977; Instructor, Department of Mathematical and Computer Sciences, Michigan Technological University, 1977-1978; Instructor, Department of Biological Sciences, Michigan Technological University, summer terms 1977 and 1978 (vascular plant taxonomy); Teaching Assistant, Department of Botany and Plant Pathology, Michigan State University, spring terms 1979 and 1981; Herbarium Assistant, Beal-Darlington Herbarium, Department of Botany and Plant Pathology, Michigan State University, 1978-1983; Curatorial Assistant, Missouri Botanical Garden, St. Louis, Missouri, 1983-2005; Assistant Curator, Missouri Botanical Garden, St. Louis, Missouri, April 2005-present.

Editorial Positions: Consulting Editor, *Novon*; Member of Editorial Committee, *Annals of the Missouri Botanical Garden*; Member of Reviewer Panel, *African Journal of Ecology*

Awards: Sigma Xi Grant-in-Aid of Research, 1979; National Science Foundation Doctoral Dissertation Improvement Award DEB-8010849, 1980; National Geographic Society, Lake Nyasa Climatic Region Vegetation Survey, 1990; National Geographic Society, Millenium Transect, 2001; National Geographic Society, Plant Biodiversity Inventory of the Rubeho Mountains, Tanzania, 2005; Critical Ecosystem Partnership Fund, Plant Conservation Assessment in the Eastern Arc Mountains and Coastal Forests of Tanzania and Kenya Biodiversity Hotspot, 2005; Liz Claiborne Art Ortenberg Foundation, Conserving Biodiversity along the Kenya-Tanzania Border in the Face of Climate Change, 2008; Liz Claiborne Art Ortenberg Foundation, Conserving Ecosystem Diversity and Livelihoods: Climate Change, Plant Biodiversity and Protected Areas in East Africa, 2009; Liz Claiborne Art Ortenberg Foundation, Ecosystem Distribution under Climate Change: the Role of Protected Areas for Sustainable Ecosystems, 2010; Idaho Botanical Research Foundation, Lomami National Park Botanical Survey, 2015; MacArthur Foundation, Plant Red List Assessment for the Lake Victoria Basin, 2016; Critical Ecosystem Partnership Fund, Mount Hanang Biodiversity Survey and Conservation Priority Assessment, 2016; Critical Ecosystem Partnership Fund, Nou National Forest Reserve Biodiversity Survey and Conservation Priority Assessment, 2016.

Membership in Professional Organizations: American Association for the Advancement of Science, American Museum of Natural History, Association of Systematics Collections, Botanical Society of America, International Association for Plant Taxonomy, Missouri Native Plant Society, Sigma Xi, Wildlife Conservation Society of Tanzania, Nature Kenya, IUCN Species Survival Commission - Eastern African Plant Red List Authority.

Foreign Languages: French, Spanish, and Swahili: fluent reading, writing and conversation; Russian: limited reading; Latin: fluent technical reading and writing.

Field Experience: Plant collecting and biological inventory work in Cameroon (1993, 1994), Congo Republic (1991), Costa Rica (1989, 2002), Democratic Republic of the Congo (1992, 1994, 2012, 2015), Ethiopia (1984), Guatemala (1980, 1986), Kenya (1994, 2003), Madagascar (1989, 1995), Mexico (1979, 1980, 1986), Tanzania (1984-1985, 1988-1989, 1990-1991, 1992, 1993-1994, 1996, 1997-1998, 1999, 2000, 2001, 2005, 2006, 2008, 2009, 2010, 2015-2016), Uganda (1998).

Research Interests: Floristics and phytogeography of eastern Africa; plant conservation assessments in eastern Africa; taxonomy of African Mimosaceae and Sapindaceae; collaborative studies in ethnobotany and archaeology.

Aviation: U.S. Private Pilot Certificate No. 561748670, Airplane Single Engine Land, Instrument.

Publications:

- An interactive program for teaching carbon labeling in photosynthesis written in ASCII PLI. Proceedings, Eighth Conference on Computers in the Undergraduate Curricula: 7-II. 1977.
- Calculus for the life sciences (Textbook supplement and biological examples for course sequence of same name.) Michigan Technological University Technical Report No. MA-78-1. 139 pp. 1978.
- Bryophytes of Mount Lookout, Keweenaw County, Michigan. Michigan Bot. 19: 247-250. 1980. [with J. M. Glime & J. F. Gereau].
- Pest management in herbaria. Herbarium News 4: 21-23. 1984. [with R. L. Robbins].
- Eurasian introductions to the Michigan flora. I. Michigan Bot. 23: 39-46. 1984. [with R. K. Rabeler].
- Eurasian introductions to the Michigan flora. II. Michigan Bot. 23: 51-56. 1984. [with R. K. Rabeler].
- A contribution to Bontoc ethnobotany. Econ. Bot. 42: 307-369. 1988. [with C. C. Bodner].
- Book review: Flora of Australia, Volume 45. Ann. Missouri Bot. Gard. 75: 1167. 1988.
- Grasses of Missouri: an annotated checklist. Missouriensis 8: 49-70. 1988.
- Three new species of *Bomarea* (Alstroemeraceae) from Mesoamerica. Ann. Missouri Bot. Gard. 76: 598-601. 1989.
- Notes on the floral morphology and ecology of *Margaritaria discoidea* (Euphorbiaceae) in Tanzania. Ann. Missouri Bot. Gard. 77: 217-218. 1990. [with J. C. Lovett].
- Achuaria*, nuevo género de Rutaceae, con una sinopsis de las Cuspariinae peruanas. Candollea 45: 363-372. 1990.
- Matayba macrocarpa* (Sapindaceae), nueva especie de la Amazonía peruana. Candollea 45: 373-378. 1990.
- Peltostigma parviflorum* (Rutaceae), nueva especie de Costa Rica y Colombia. Ann. Missouri Bot. Gard. 78: 527-530. 1991. [with Q. Jiménez M.].
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- Moraea callista* (Iridaceae) in the southern highlands of Tanzania. *Kew Mag.* 8: 194-197. 1991. [with J. C. Lovett].
- New combinations in *Hippeastrum*, *Ismene*, and *Leptochiton* (Amaryllidaceae) for the flora of Peru. *Novon* 3: 28-30. 1993. [with A. W. Meerow & L. Brako].
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- Inga* (Fabaceae), Plantaginaceae, Rosaceae, Sapindaceae. In: L. Brako & J. L. Zarucchi (eds.), *Catalogue of the Flowering Plants and Gymnosperms of Peru*. Monogr. Syst. Bot. Missouri Bot. Gard. 45: 481-486, 923-925, 1003-1010, 1059-1068. 1993.
- Ancistrocladus korupensis* (Ancistrocladaceae), a new species of liana from Cameroon. *Novon* 3: 494-498. 1993. [with D. W. Thomas].
- Alstroemeriaceae. In: G. Davidse, M. Sousa S. & A. O. Chater (eds.), *Flora Mesoamericana* 6: 48-51. Universidad Nacional Autónoma de México, Missouri Botanical Garden and The Natural History Museum (London). 1994.
- Vegetation and phytogeography of the Kitulo Plateau, southern Tanzania. Pp. 1025-1041. In: J. H. Seyani & A. C. Chikuni (eds.), *Proceedings of the XIIIth Plenary Meeting of AETFAT, Zomba, Malawi, 2-11 April 1991*. National Herbarium and Botanic Gardens of Malawi, Zomba. 1994. [with J. C. Lovett & K. J. Sidwell].
- Una nueva *Froesia* (Quinaceae) de la Amazonía occidental. *Novon* 4: 246-249. 1994. [with R. Vásquez].
- Sustainable harvest of *Ancistrocladus korupensis* (Ancistrocladaceae) leaf litter for research on HIV. *Econ. Bot.* 48: 413-414. 1994. [with D. W. Thomas, M. R. Boyd, J. H. Cardellina, J. Jato & P. Symonds].
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- Typification of names in *Ancistrocladus* Wall. (Ancistrocladaceae). *Novon* 7: 242-245. 1997.
- Encephalartos ituriensis* (Zamiaceae): an emended description. *Adansonia*, sér. 3, 20: 211-216. 1998. [with P. Vorster].
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- A revision of the Malagasy endemic genus *Chouxia* Capuron (Sapindaceae). *Adansonia*, sér. 3, 21: 51-62. 1999. [with G. E. Schatz & P. P. Lowry II].
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- Two new species of *Babiana* (Iridaceae: Crocoideae) from western South Africa, new names for *B. longiflora* and *B. thunbergii*, and comments on the original publication of the genus. *Bothalia* 38: 49-55. 2008. [with P. Goldblatt & J. C. Manning].
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- Plant conservation assessment in East Africa: procedures and first results. Pp. 469-473 in: X. van der Burgt, J. van der Maesen & J.-M. Onana (eds.), *Systematics and Conservation of African Plants. Proceedings of the 18th AETFAT Congress, Yaoundé, Cameroon*. Royal Botanic Gardens, Kew. 2009. [with W.R. Quentin Luke, W. Kindeketa, S. Bodine & G.E. Schatz].
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- Rubiacearum americanarum magna hama pars XXIV: New species of Central and South American *Bouvardia*, *Hillia*, *Joosia*, *Ladenbergia*, *Pentagonia*, and *Posoqueria*. *Novon* 20: 470-480. 2010. [with C.M. Taylor].

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- Rubiacearum americanarum magna hama pars XXIX: overview of the neotropical genus *Schizocalyx* (Condamineae) and description of two new species. *Novon* 21: 496-507. 2011. [with C.M. Taylor & D.A. Neill].
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In preparation:

The genus *Allophylus* L. (Sapindaceae) in Madagascar. [with G. E. Schatz].

Encyclopedia Articles:

Bluebonnet, Cattail, Horsetail, Lespedeza, Peony, Petunia, Poppy, Shamrock. *The World Book Encyclopedia* 2: 423; 3: 305, 9: 369; 12: 208; 15: 276, 351, 668-669; 17: 371.

February 2017