

CURRICULUM VITAE

PORTER PRESCOTT LOWRY II

Born, Salem, Oregon, USA, October 27, 1956.
US Citizenship; Resident in France. Married, two children.

PRESENT POSITION

Emeritus Scientist, Missouri Botanical Garden, 4344 Shaw Blvd., St. Louis, Missouri 63110, USA (Tel: 314-577-9453; e-mail: Pete.Lowry@mobot.org; url: <http://www.mobot.org/staff/pete-lowry>). Address in France: Institut de Systématique, Évolution et Biodiversité (ISYEB), Muséum National d'Histoire Naturelle, Case Postale 39, 57 rue Cuvier, 75005, Paris, France (Tel: +(33) 1-40-79-33-51; porter.lowry@mnhn.fr).



ASSOCIATE AND ADJUNCT POSITIONS

Chercheur Associé, Muséum National d'Histoire Naturelle, Paris, France (since 1989).
Member of the *Institut de Systématique, Évolution et Biodiversité* (ISYEB), Muséum National d'Histoire Naturelle, Paris, France (since 2006).
Responsable Scientifique de Collection, Muséum National d'Histoire Naturelle, Paris, France (since 2009).

PREVIOUS POSITIONS

1986–1990 Assistant Curator, Coordinator, Madagascar Research and Conservation Program, Missouri Botanical Garden.
1990–1999 Associate Curator, and Head, Africa and Madagascar Department, Missouri Botanical Garden.
1999–2012 Curator, and Head, Africa and Madagascar Department, Missouri Botanical Garden.
2012–2014 Senior Curator, and Head, Africa and Madagascar Department, Missouri Botanical Garden.
2014–2024 Director, Africa and Madagascar Department, Missouri Botanical Garden.

EDUCATION

1976 University of Illinois, Urbana, Illinois; B.S. in Botany, with Highest Honors and Departmental Distinction.
1980 University of Illinois, Urbana, Illinois; M.S. in Botany. Thesis advisor: Almut G. Jones.
1986 Washington University, St. Louis, Missouri; Ph.D. in Biology and Biomedical Sciences (Population Biology). Thesis advisor: Peter H. Raven.

CURRENT RESEARCH INTERESTS

- **Systematics of Araliaceae** – current research activities include:
 - Floristic treatments in preparation: New Caledonia, Madagascar, Gabon, Indochina.
 - Taxonomic revisions and descriptions of new taxa in the following groups: *Schefflera sensu lato* (now reduced to comprise just 8 spp.) through the expansion of the genus *Plerandra* (ca. 50 spp.), the resurrection of *Astropanax* (18 spp.), *Crepinella* (32 spp.), *Didymopanax* (37 spp.), *Neocussonia* (40 spp.), and *Sciodaphyllum* (ca. 350 spp.), and the description of *Cephalopanax* (ca. 10 spp.) and *Frodingia* (2 spp.) (all with G. M. Plunkett, and most with other collaborators); *Polyscias* (ca. 270 spp.; with G.M. Plunkett); *Meryta* (ca. 40 spp.; with F. Tronchet), etc.
 - Development of [Araliaceae Central](#), an on-line resource for information on the genera and species belonging to the family.
 - Phylogeny: broad relationships within the family (with G.M. Plunkett and others); re-circumscription of *Schefflera sensu lato*, now completed (with G.M. Plunkett); inter-specific relationships in *Meryta* (with F. Tronchet and G.M. Plunkett) and *Cussonia* (with B. De Villiers), etc.
 - Historical biogeographic studies, focusing on the SW Pacific, the Afro-Malagasy region, and the Asian-Neotropical glade (with G.M. Plunkett).

- Ongoing field exploration (recent trips to Madagascar, Bolivia, Colombia, Ecuador, and Peru).
- Analyses of morphological and anatomical features in a phylogenetic context (with G.M. Plunkett and others).
- Risk of extinction assessments (with G.M. Plunkett).
- **Systematics of other groups of Apiales**, including Myodocarpaceae (with G. M. Plunkett) and Pittosporaceae (with C. Gemmill and J. Munzinger).
- **Systematics of Ebenaceae**, including taxonomic revisions and eco-geographic studies of Malagasy *Diospyros* (with A. G. Linan, H. N. Rakouth and G. E. Schatz) and of selected groups of *Diospyros* in continental Africa (with E. Mestre, C. Puglisi, A. G. Linan and H. N. Rakouth).
- **Flora and vegetation of Madagascar** – current activities include:
 - Taxonomic revisions and descriptions of new taxa (numerous groups in many families; see *Publications in Press or in Review* and *Papers in Preparation* below).
 - Implementation and expansion of the [Catalogue of the Plants of Madagascar](#) (with P. B. Phillipson, G. E. Schatz, S. Andriambololonera, M. Rabarimanarivo, and others).
- **Evolution and diversification of the New Caledonian flora**, including Araliaceae (with G. M. Plunkett), Pittosporaceae (with C. Gemmill and J. Munzinger), Sapindaceae (with S. Buerki, M. Callmander and J. Munzinger), Winteraceae (with C. Gemmill and J. Munzinger), etc.
- **Application of botanical information to conservation planning and management.**
- **Environmental impact assessment, mitigation and conservation planning** at selected high biodiversity mine projects (Madagascar, Panama, Gabon, Guinea Conakry, and Indonesia) to ensure that robust, accurate botanical information is incorporated into planning and offsets in order to achieve a Net Positive Impact.

CONSULTING EXPERIENCE

- 1989–91 Principal Consultant, Flora and Vegetation Environmental Impact Assessment Study for QIT - Madagascar Minerals Project, Montreal, Quebec, Canada. This study involved a team of seven scientists and was carried out in 3 phases between March, 1989 and January, 1991.
- 1995 Coordinator, Plant Specialist Group, Madagascar Conservation Priority Setting Workshop, United Nations Development Programme (UNDP) and the Global Environment Facility (GEF).
- 1996 Ecological Monitoring Consultant, Kibale National Park Biological Field Station, Uganda. Consultancy for the Consortium for International Development.
- 1998 Principal Consultant, Review of the MIR 1997 Regional Deforestation Study and the Current and Planned QMM Conservation and Rehabilitation Program in the area of Fort-Dauphin (Tolagnaro), Madagascar for the mining company QMM, Montreal, Quebec, Canada.
- 2000 Facilitator, Congolese Forest Eco-region Priority Setting Workshop, Libreville, Gabon (March 29–April 2). This workshop, sponsored by the World Wide Fund for Nature (WWF), involved more than 100 specialist participants.
- 2000–01 Principal Consultant, Re-assessment and Update of Priority Endemic Plant Species At Mandena, Tolagnaro Region, Madagascar for the mining company QMM, Montreal, Quebec, Canada (in collaboration with P. Smith, RBG Kew).
- 2007–10 Coordinator, Identification of Priority Plant Species for a Social and Environmental Impact Assessment Study of the Proposed Petaquilla Mine Site, Panama, for Golder Associates, Inc.
- 2011–13 Consultant for the Weda Bay Nickel Project, Halmahera Island, Indonesia: development of a Flora Inventory Program, a Plant Conservation Master Plan and the flora component of a Biodiversity Action Plan.
- 2011–14 Consultant for Société Le Nickel (SLN), New Caledonia: providing advice and technical input for the development of a corporate Biodiversity Strategy and the implementation of pilot activities at selected mining sites.
- 2011–14 Consultant for the Maboumine Project, Gabon: administration and co-coordination of the flora and vegetation baseline study for a project-wide Environmental Impact Assessment and focused assessments of pilot sites.
- 2011–15 Consultant for Minera Panama S.A.: development and implementation of a Plant Conservation Master Plan and the flora component of a Biodiversity Action Plan.
- 2022–23 Principal consultant for Société des Mines de Fer de Guinée S.A.: refined understanding of high altitude savanna quality regarding floral diversity and richness, and Critical Habitat Qualifying Species distribution beyond the mining footprint/ enclave and perimeter.

OTHER PROFESSIONAL EXPERIENCE

- 1976–79 Teaching Assistant in Botany (General Botany, Introductory Plant Taxonomy, Field Ecology), University of Illinois.
- 1979 Student Herbarium Assistant, University of Illinois (Spring Semester).
- 1979 Research Assistant, University of Illinois (Spring Semester).
- 1979 Range Technician (Botanist), Bureau of Land Management, Butte District, Butte, Montana (Summer).
- 1980–81 Visiting Lecturer, University of Illinois.
- 1982–84 Teaching Assistant (General Biology, Medicinal Plants), Washington University.
- 1999 Instructor, Programme de Formation en Botanique de Terrain, Limbe Botanic Garden, Cameroon (7–14 November).
- 2018–20 Co-organizer and instructor, Tropical Field Botany Training Course, Ecuador (January 2018, 2018 and 2020).

CURRENT COMMITTEES, COUNCILS AND BOARDS

- 1998– Senior Editorial Board, [Oryx: The International Journal of Conservation](#).
- 1999– Editorial Board, [Adansonia](#).
- 2003– IUCN Madagascar Plant Specialist Group.
- 2007– Editorial Board, [Journal of Systematics and Evolution](#) (formerly *Acta Phytotaxonomica Sinica*).
- 2007– Board of Directors, [Madagascar Fauna and Flora Group](#) (Vice President and General Advisor).
- 2008– Editorial Board, [Madagascar Conservation and Development](#).
- 2009– Editorial Board, [Plant Ecology and Evolution](#).
- 2009– [Scientific Consultative Committee, Ambatovy, Madagascar](#) (Chair since 2017).
- 2010– Editorial Board, [Blumea](#).
- 2012– Editorial Advisory Board, [European Journal of Taxonomy](#).
- 2014– Scientific Committee, Botanical Garden Meise, Belgium.
- 2014– [IUCN New Caledonia Plant Red List Authority](#).
- 2015– Advisory Panel, [Quick Response Fund for Nature](#).
- 2016– Editorial Board, [Candollea](#) and [Boissiera](#).
- 2018– [QMM Biodiversity and Natural Resource Management Committee](#).
- 2020– Editorial Committee, Revista de la Sociedad Boliviana de Botánica – RESBBO.
- 2021– IUCN/SSC Plant Conservation Committee.
- 2022– [Independent Advisory Panel](#), TotalEnergies Papua LNG Project.
- 2023– 23rd AETFAT Congress International Scientific Advisory Committee.

PAST COMMITTEES, COUNCILS AND BOARDS

- 1983–93 Editorial Committee, Index to Plant Chromosome Numbers.
- 1987–92 Special Committee on Lectotypification, International Association for Plant Taxonomy.
- 1988–98 Scientific Advisory Council, Conservatoire et Jardin Botanique de Mascarin, Réunion Island.
- 1997–98 Editorial Committee, Flora of Taiwan, Vol. 4.
- 2001–16 QMM Biodiversity Advisory Committee, QMM, Madagascar (President from 2006–16).
- 2006–07 Scientific Commission, 18th AETFAT Congress, Yaoundé, Cameroon.
- 2006–11 Board of Directors, [EDIT \(European Distributed Institute of Taxonomy\)](#).
- 2007–08 Vice-Chair, Apiales VI Symposium Organizing Committee.
- 2009–10 Member, Scientific Advisory Committee, 19th AETFAT Congress, Antananarivo, Madagascar.
- 2008–11 Scientific Advisory Group, FORANET Project (Establishment of a Forestry Research Network of ACP Countries), Coordinated by [CIFOR](#).
- 2006–11 Conseil Scientifique, [Sud Expert Plantes](#) project.
- 2015–17 Member, Scientific Advisory Committee, 21st AETFAT Congress, Nairobi, Kenya.
- 2014–19 Scientific Committee, [eReColNat Project](#), Muséum National d'Histoire Naturelle, Paris.
- 2019–22 22nd AETFAT Congress International Scientific Advisory Committee.
- 2011–24 Flora Editorial Committee, Muséum National d'Histoire Naturelle, Paris.

FIELD EXPERIENCE

Plant collecting. Nearly 7,600 numbers from 30 countries and territories: Australia, Bolivia, Canada, Chile, China, Colombia, Ecuador, Fiji, France, French Polynesia (Tahiti), Gabon, Hawai`i, Indonesia (West Papua, Halmahera and Java), Madagascar, Mauritius, Mexico, New Caledonia, New Zealand, Norway, Panama, Peru, Portugal, Réunion Island, Seychelles, Solomon Islands, South Africa, Taiwan, Tanzania, USA (22 States), Vanuatu, Viet Nam, and Zimbabwe.

Other field activities: Cameroon, Congo Republic, Costa Rica, Ecuador, Equatorial Guinea, Ghana, Ivory Coast, Kenya, Papua New Guinea, São Tomé, South Africa, and Uganda.

NEWLY DESCRIBED TAXA, NEW NAMES AND NEW COMBINATIONS

1 suborder, 1 family, 2 subfamilies, 6 genera, 14 subgenera, 2 sections, 793 species, 8 subspecies and 12 varieties.

FOREIGN LANGUAGE

French; written, read and spoken fluently.

PROFESSIONAL MEMBERSHIPS

American Society of Plant Taxonomists; International Association for Plant Taxonomy; Association for the Taxonomic Study of the Flora of Tropical Africa (AETFAT).

PAST GRADUATE STUDENTS AND COMMITTEES

- 1993 Félix Koubouana. Doctorat (= Ph.D.), Université Paris VI. Thesis title: Les forêts de la Vallée du Niari (Congo): études floristiques et structurales. Jury member.
- 1997 Thierry Pailler. Doctorat (= Ph.D.), Université de la Réunion. Thesis title: L'hétérostylie dans l'archipel des Mascareignes: présence, maintien et évolution. Jury member.
- 1997 Bénédicte Sirot. Diplôme de Recherches Doctorales (= M.S.), Université Raymond Poincaré, Nancy I. Thesis title: Étude systématique d'un genre de Boraginaceae d'Amérique: *Bourreria*. Committee member.
- 1999 Sylvie Ratokivalondrahona. Diplôme d'Études Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Contribution à l'étude taxonomique du genre endémique *Tina* Roem. & Schultes (Sapindaceae). Committee member.
- 1999 Jeannie Raharimampionona. Diplôme d'Études Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Contribution à l'étude taxonomique du genre *Canarium* Engl. (Burseraceae) à Madagascar. Committee member.
- 2000 Honoré Tabuna. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Les produits forestier non ligneux alimentaires de l'Afrique centrale sur les marchés français et belges. Situation actuelle et perspectives. Jury member.
- 2000 Jérôme Munzinger. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Systématique des genres *Hybanthus* et *Agatea* en Nouvelle-Calédonie, implications sur la phylogénie des Violaceae ligneuses tropicales. Rapporteur and jury member.
- 2001 Naina Mamisoa Andrianjafy. Diplôme d'Études Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Description, distribution, écologie, utilisation et risque d'extinction des espèces de *Rhodolaena* (famille des Sarcolaenaceae: endémique de Madagascar). Committee member.
- 2001 Fanjambola Yolande Razafindrakoto. Diplôme d'Études Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Description, distribution, écologie, utilisation et risque d'extinction de neuf espèces de du genre *Schizolaena* appartenant à une famille endémique de Madagascar: Sarcolaenaceae). Committee member.
- 2001 Frédéric Tronchet. Diplôme d'Études Approfondies (= M.S.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Analyse phylogénétique des espèces néo-calédoniennes d'un genre d'Araliaceae du Pacifique: *Meryta* J.R. Forst. & G. Forst. Research director.
- 2002 Martin W. Callmander. Doctorat ès Sciences (= Ph.D.), Université de Neuchâtel, Switzerland. Thesis title: Biogéographie et systématique des Pandanaceae de l'Océan Indien occidental. Rapporteur and jury member.

- 2003 Bouakhaykhone Svengsuksa. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Reconstitution du couvert végétal et la revalorisation des terrains après la culture sur brûlis dans le district de Muang Fuang, province de Vientiane, R.D.P. Lao. Rapporteur and jury member.
- 2003 Thomas Haevermans. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Le genre *Euphorbia* L. à Madagascar: Phylogénie et Systématique. Rapporteur and jury member.
- 2003 Richard Randrianaivo. Diplôme d'Etudes Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Révision synoptique des espèces Malgaches du genre *Mimusops* L. (Sapotaceae). Committee member.
- 2004 Stefan Ungricht. Doctorat (= Ph.D.), Université Montpellier II. Thesis title: The endemic fig trees of New Caledonia: quantitative assessment of collections for taxonomy, floristics and conservation. Rapporteur and jury member.
- 2004 Virginie Raquet. Diplôme d'Etudes Approfondies (= M.S.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Phylogénie morphologique des Myodocarpaceae : famille sub-endémique de Nouvelle-Calédonie. Thesis co-director.
2005. Ludovic Ngok Banak. Doctorat (= Ph.D.), Université Libre de Bruxelles, Belgium. Thesis title: Etude de la diversité végétale autour des inselbergs et des dalles rocheuses du nord Gabon. Rapporteur and jury member.
2005. Thomas Viot. Master, Ecole Polytechnique, Paris. Thesis title: Analysis of the structure and composition of a forest fragment in eastern Madagascar in relation to human disturbance for sustainable management and restoration. Research co-director.
2006. Jérôme Murienne. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Origine de la biodiversité en Nouvelle-Calédonie. Analyse phylogénétique de l'endémisme chez les insectes: Dictyoptères. Jury member.
2007. Hélène Ralimanana Randriananahary. Doctorat (= Ph.D.), Université d'Antananarivo, Madagascar. Thesis title: Systématique et biogéographie de *Phyllanthus* L. (Phyllanthaceae) de Madagascar. Rapporteur and jury member.
2008. Yohan Pillon. Doctorat (= Ph.D.), Université de la Nouvelle-Calédonie. Thesis title: Biodiversité, origine et évolution des Cunoniaceae: implications pour la conservation de la flore de la Nouvelle-Calédonie. Rapporteur and jury member.
2008. Vincent Droissart. Doctorat (= Ph.D.), Université Libre de Bruxelles, Belgium. Thesis title: Etude taxonomique et biogéographiques de plantes rares, le cas des Orchidaceae endémiques d'Afrique Centrale Atlantique. Jury member.
2009. Sven Buerki. Doctorat (= Ph.D.), Université de Neuchâtel, Switzerland. Thesis title: Worldwide biogeography and systematics of Sapindaceae: a molecular and taxonomic survey involving large datasets and novel methodological approaches. Jury member.
2009. Lucie Lopes-Ferreira. Master 2, Université Pierre et Marie Curie, Paris, France. Thesis title: Taxonomie et phylogénie moléculaire du genre *Xerophyta* à Madagascar. Research co-director.
2010. Joeri Strijk. Doctorat (= Ph.D.), Université de Toulouse, France. Thesis title: Species diversification and differentiation in the Madagascar and Indian Ocean Islands Biodiversity Hotspot. Rapporteur and jury member.
2010. Hélène Colas. Master 1, Université Pierre et Marie Curie, Paris, France. Thesis title: Analyse éco-géographique des caractères morphologiques du genre *Leea* (Vitaceae) à Madagascar. Research director.
2011. Louis Nusbaumer. Doctorat (= Ph.D.), Université de Genève, Switzerland. Thesis title: Species distribution patterns in steep environmental gradients: downscaling of a biogeographical framework (Loky-Manambato region, NE Madagascar). Jury member.
2011. Maël Robert. Master 2, Université de la Réunion, St. Denis, Réunion, France. Thesis title: Trois espèces du genre *Polyscias* (Araliaceae) endémiques de l'île de la Réunion : états des lieux et développement de marqueurs génétiques SNP. Research co-supervisor.
2011. Cédric Soutif. Master 2, Université de la Réunion, St. Denis, Réunion, France. Thesis title: Phylogénie et évolution du clade *Polyscias* sous-genre *Grotenfendia* (Araliaceae) des Mascareignes. Research co-supervisor.
2011. Cyrille Mas. Master 2, Université Paris VII, Paris, France. Thesis title: Le groupe "gracilipes" du genre *Diospyros* L. à Madagascar: étude morphologique, délimitation taxonomique et mise au point nomenclaturale. Research director.
2011. Marc Jeanson. Doctorate (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Systématique de la tribu des Caryoteae (Arecaceae). Thesis co-director.
2011. Gaëlle Auvray. Doctorate (= Ph.D.), Université d'Angers, Angers, France. Thesis title: Les relations phylogénétiques au sein d'un système réticulé : cas particulier des *Cytisus scoparius* L. (Genisteae, Fabaceae) et des espèce hybrides et cultivars apparentés. Rapporteur and jury member.

2011. Romain Nattier. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Endémisme et diversification en Nouvelle-Calédonie: mise en place et testes d'hypothèses chez les insectes Orthoptères et Dictyoptères. Jury member.
2012. Olivier Chauveau. Doctorat (= Ph.D.), Université Paris-Sud 11, Orsay, France. Thesis title: Systématique et évolution des structures florales productrices de lipides au sein des Iridoideae (Iridaceae). Rapporteur and jury member.
2012. Christelle Gonmadje, Doctorat (= Ph.D.), Université Montpellier II, Montpellier, France. Thesis title: Diversité et biogéographie des forêts d'Afrique central atlantique: le cas du massif de Ngovayang (Cameroun). Rapporteur and jury member.
2012. Thomas Anquez, Master 2, Université de Rennes 1, Rennes, France. Thesis title: Etude de la diversité morphologique chez une espèce hyper-variable: *Polyscias dioica* (Araliaceae) par analyses Fourier elliptique. Research co-director.
2012. Bernard de Villiers, Ph.D., University of Johannesburg, South Africa. Thesis title: A taxonomic study of the genus *Cussonia* and related genera (Araliaceae). Co-promoter.
2012. Raymonde Mboma, Ph.D., Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Caractérisation des essences forestières pour une gestion durable des ressources forestières en Afrique Centrale: le cas des andoung au Gabon. Thesis director.
2012. Xavier Aubriot, Ph.D., Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Radiations évolutives, « innovations clés » et notions d'espèces dans le genre *Euphorbia* L. à Madagascar. Thesis director (T. Haevermans co-director).
2012. Swanni Alvarado Romero, Ph.D., Université d'Avignon et des Pays de Vaucluse, France. Thesis title: Évaluation du rôle des feux de brousse sur la composition, la structure, la phénologie, et la résistance de la végétation des bois de tapia (*Uapaca bojeri*) du massif d'Ibity, Nouvelle Aire Protégée, en vue de sa gestion durable. Invited jury member.
2013. Elodie Alapetite, Ph.D., Université Paris Sud, Orsay, France. Thesis title: Évolution de l'appareil reproducteur des palmiers (Arecaceae): évolution du système sexuel et du nombre d'étamines. Rapporteur and jury member.
2013. Olivier Lachenaud, Ph.D., Université Libre de Bruxelles, Belgium. Thesis title: Le genre *Psychotria* (Rubiaceae) en Afrique occidentale et centrale: taxonomie, phylogénie et biogéographie. Committee member.
2014. André Soro, Master 1, Université Pierre et Marie Curie, Paris, France. Thesis title: Variabilité morphologique et géographique d'une espèce d'arbre à large répartition en Afrique tropicale: *Schefflera barteri* (Araliaceae). Thesis director.
2014. Oriane Loiseau, Master 2, Université Pierre et Marie Curie, Paris, France. Thesis title: Test du caractère adaptatif de la surface foliaire chez les Sarcocaulaceae. Project co-director.
2014. Ngoc-Sam Ly, Ph.D., Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Biogéographie et Systématique des Musacées du Cambodge, du Laos et du Vietnam. Thesis director, with T. Haevermans.
2014. Murielle Simo-Droissart, Ph.D., Université Yaoundé I, Yaoundé, Cameroon. Thesis title: Étude taxonomique et phylogénétique de deux sections du genre *Angraecum* (Orchidaceae) en Afrique continentale et dans les îles du Golfe de Guinée. Jury member.
2015. Sonja Hassold, Ph.D., ETH Zurich, Zurich, Switzerland. Thesis title: Molecular identification of Malagasy *Dalbergia* species (rosewoods) for biodiversity conservation. Project co-director and jury member.
2015. Anaëlle Soulebeau, Ph.D., Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Radiations adaptatives et diversification des plantes à Madagascar: exemple des Sarcocaulaceae. Thesis director, with T. Haevermans.
2015. Charlene Henry, Ph.D., AgroParisTech, Paris, France. Thesis title: Stimuler les communauté mycorhiziennes par des plantes nurses pour la restauration écologique: exemple d'une forêt tropicale malgache après exploitation minière. Jury member.
2016. Santiago Trueba-Sanchez, Ph. D. Université de Montpellier, Montpellier, France. Thesis title: Ecology, forms and functions of the basal angiosperms from New Caledonia. Rapporteur and jury member.
2016. Elisabeth Reyes, Ph.D., Université Paris-Saclay, Orsay, France. Thesis title: Evolutionary history of floral key innovations in angiosperms. Jury member.
2017. Philippe Birnbaum, Diplôme d'Habilitation à Diriger des Recherches (HDR), Université de Montpellier. Title: Spatialisation de la diversité et de la structure : un enjeu pour la conservation des forêts tropicale. Rapporteur and jury member.
2017. Gaël Bouka, Ph.D., Université de Montpellier. Thesis title: Structuration de la biodiversité des forêts africaines et changements climatiques: Une étude à travers le genre *Khaya* (Meliaceae). Rapporteur and jury member.
2018. David Bruy, Ph.D., Université de Montpellier. Thesis title: Diversity, Ecology and Evolution of monocaulous plants in New Caledonia. Rapporteur and jury member.

2019. Carlos Rodrigues-Vaz, Ph.D., New York Botanical Garden and City University of New York. Thesis title: Systematics and ecology of the Andean Neotropical *Schefflera* (Araliaceae) with globose capitate inflorescences and use of niche modeling for IUCN Red List threat assessment of *Plerandra elegantissima* (Araliaceae). Co-director and jury member.
2020. Simon Crameri, Ph.D., ETH Zurich, Zurich, Switzerland. Thesis title: Phylogenomics, species discovery and integrative taxonomy in *Dalbergia* (Fabaceae) precious woods from Madagascar. Co-director and jury member.
2021. Maxime Rome, Ph.D., Université Grenoble Alpes, France. Thesis title: Diversité, écologie et distribution des espèces de la série *Laurifoliae* du genre *Passiflora*. Rapporteur and jury member.
2021. Jérôme Munzinger, Diplôme d'Habilitation à Diriger des Recherches (HDR), Université de Montpellier. Title: Contribution à la connaissance de la flore de Nouvelle-Calédonie. Rapporteur and jury member.
2023. Zacky Ezedin, Ph.D., University of Minnesota. Thesis title: Contributions to floristics in New Guinea and species delimitation in the Wanang Forest Dynamics Plot. Jury member.
2023. Andry Clarel Raobelina, Ph.D., Université d'Antananarivo. Thesis title: Application de la tomographie, colorimétrie et spectrométrie en proche infrarouge dans la caractérisation des propriétés physiques des bois (densité et couleur) et l'identification des espèces de *Dalbergia* L. f. et *Diospyros* L. de Madagascar. Jury member.
2023. Nivothenintsoa Rakotonirina, Ph.D., Université d'Antananarivo. Thesis title: Études taxonomiques de quelques espèces de grands arbres du genre *Dalbergia* L. f. (Fabaceae) de Madagascar, basées sur les caractères morphologiques reliés à l'écobiogéographie en vue de leur gestion durable. Thesis co-director and jury member.
2023. Hasina Rakouth, Ph.D., Université d'Antananarivo. Thesis title: Taxonomie, développement d'outils d'identification et modélisation de la distribution des espèces de grands arbres de *Diospyros* (Ebenaceae) de Madagascar. Thesis co-director and jury member.

HONOR SOCIETIES

Phi Beta Kappa; Phi Kappa Phi; Sigma Xi (Associate Member).

PUBLICATIONS

- Lowry, P. P., II. 1976. A biosystematic study of two species in the genus *Osmorhiza* (Umbelliferae). B.S. Thesis, University of Illinois. 122pp.
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MANUSCRIPTS IN REVIEW

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4. Lowry, P. P., II, G. M. Plunkett, M. M. Mora and D. A. Neill. Studies in Neotropical Araliaceae. X. Revision of the Violaceum group of *Sciodaphyllum* P. Browne (Araliaceae) in Ecuador. To be submitted to *Ann. Missouri Bot. Gard.*
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10. Lowry, P. P., II, G. M. Plunkett & M. Mendoza. Studies in Neotropical Araliaceae. XIV. Three new species of *Sciodaphyllum* P. Browne from Bolivia.
11. Riva-Regalado, S., P. P. Lowry II & G. M. Plunkett. Studies in Neotropical Araliaceae. XV. Two new species of *Sciodaphyllum* P. Browne from the Wayqecha Reserve in southern Peru.
12. Lowry, P. P., II, C. Rodrigues-Vaz & G. M. Plunkett. Studies in Neotropical Araliaceae. XVI. Four new species of *Sciodaphyllum* P. Browne from southern Ecuador named in honor of Danish botanists.
13. Mora, M. M., P. P. Lowry II & G. M. Plunkett. Studies in Neotropical Araliaceae. XVII. Taxonomic revision of the *Cotylanthes* group of *Sciodaphyllum* P. Browne in Ecuador.
14. Rodrigues-Vaz, C., P. P. Lowry II and G. M. Plunkett. Studies in Neotropical Araliaceae. XVIII. Five new species of *Sciodaphyllum* P. Browne (Araliaceae) with globose capitate inflorescences from northern Ecuador.
15. Wojahn, J. M. A., F. Forest, P. P. Lowry II, M. W. Callmander, J. F. Smith, S. Novak and S. Buerki. Sequencing the flora of the world's biodiversity hotspots: how far are we from completion? To be submitted to *PNAS*.
16. Gostel, M. R., G. M. Plunkett and P. P. Lowry II. *Astropanax comorensis* (Araliaceae), a new cryptic species from the Comoro Islands. To be submitted to *Pl. Ecol. Evol.*
17. Lowry, P. P. II, G. M. Plunkett and D. G. Frodin. Revision of *Plerandra* A. Gray (Araliaceae). II. A taxonomic treatment of *Plerandra* subg. *Canacoschefflera*, *Gabriellae* and *Veilloniorum*. To be submitted to *Ann. Missouri Bot. Gard.*
18. Lowry, P. P. II, G. M. Plunkett, D. G. Frodin, C. Rodrigues-Vaz, M. Gostel and A. N. Nicolas. Revision of *Plerandra* A. Gray (Araliaceae). III. A taxonomic treatment of *Plerandra* subg. *Dizygotheca*. To be submitted to *Adansonia*, sér. 3.
19. Plunkett, G. M., P. P. Lowry II and D. G. Frodin. Revision of *Plerandra* A. Gray (Araliaceae). IV. A synoptic treatment of *Plerandra* subg. *Costatae* and *Plerandra*. To be submitted to *Brittonia*.
20. Lowry, P. P., II and G. M. Plunkett. A taxonomic revision of *Polyscias* subg. *Tieghemopanax* (Araliaceae). To be submitted to *Adansonia*, sér. 3.
21. Plunkett, G. M. and P. P. Lowry II. Evolution in the Melanesian *Schefflera* clade (Araliaceae): incongruence between plastid and nuclear spacers. To be submitted to *Taxon*.
22. Andriamahefarivo, L., P. B. Phillipson, P. P. Lowry II, H. Manjakahery, P. Antilahimena, D. Ravelonarivo and T. Raminosa. Inventaire floristique du massif forestier d'Ankerana.
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24. Phillipson, P. B., L. Lopes-Ferreira and P. P. Lowry II. A synoptic revision of *Xerophyta* Juss. (Velloziaceae) in Madagascar. To be submitted to *Boissiera*.
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3. Ramananjanahary, R. H., C. L. Frasier, P. P. Lowry II, F. A. Rajaonary and G. E. Schatz. 2010. Madagascar's Endemic Plant Families: Species Guide. Missouri Botanical Garden Madagascar Research and Conservation Program, Antananarivo, Madagascar. 150p.

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2. Peng, C.-I. and P. P. Lowry II (eds.). 1998. Rare, threatened, and endangered floras of Asia and the Pacific rim. Inst. of Botany, Academia Sinica, Monogr. Ser. 16. Taipei, Taiwan. 283 pp.
3. Watson, M. F., G. M. Plunkett, S. R. Downie & P. P. Lowry II (eds.). 2001. [Evolution, biogeography and systematics of the Apiales \(Araliaceae and Apiaceae\)](#). *Edinb. J. Bot.* 58: 177–356.

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1. Lowry, P. P., II, G. E. Schatz and P. B. Phillipson. 1995–present. [The classification of natural and anthropogenic vegetation in Madagascar](#).
2. Lowry, P. P., II. 1997–present. [Diversity, endemism and extinction in the flora and vegetation of New Caledonia](#).
3. Birkinshaw, C., P. P. Lowry II, J. Aronson, A. Lehavana, R. Ludovic, M. Andrianjafy and J.-J. Rasolofomirino. 2007–present. [RNC initiatives of the Missouri Botanical Garden – Madagascar](#).
4. Lowry II, P. P., P. B. Phillipson, H. Rakouth, S. Andriambololona, M. Rabarimanarivo and N. Manjato. 2022. [Large tree species of *Diospyros* from Madagascar: species that are known or suspected to produce wood of commercial value](#).

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2. Lowry, P. P., II. 1989. Flora and vegetation study (late flowering season) of the Mandena Mine Site, region of Tolagnaro, Madagascar. Prepared for QIT - Fer et Titane, Inc., Montreal, Quebec. 189pp.
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10. Aronson, J., P. P. Lowry II, F. Raharimalala, D. J. Tongway, P. Lavelle and P. O. Berner. 2006. Restoring and Reintegrating the Ambohilero Forest following uncontrolled, industrial logging and road building. Prepared for the Government of Madagascar and Conservation International.
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14. Munzinger, J., P. Birnbaum, J.-P. Butin, M. Callmander, V. Hequet, P. Lowry and H. Vandrot. 2011. Rapport Préliminaire –RAP dans la massif du Panié, Nouvelle-Calédonie: Botanique. Prepared for Province Nord and Conservation International, New Caledonia.
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GRANTS AND CONTRACTS RECEIVED

1978. Sigma Xi Grant-in-Aid of Research. Biosystematic investigations, field observations, and population sampling of *Osmorhiza* (Apiaceae) in eastern Canada.
1978. Illinois State Academy of Science Research Grant. Chemosystematic studies in *Osmorhiza* (Apiaceae): leaf flavonoids and soluble seed proteins.
1980. Research Grant, Endangered Species Office, U.S. Fish and Wildlife Service. Detailed field study of the known populations of *Osmorhiza mexicana* ssp. *bipatriata*.
1984. National Science Foundation Doctoral Dissertation Improvement Grant. Biosystematics of New Caledonian Araliaceae. (with Peter H. Raven).
1985. American Society of Plant Taxonomists Herbarium Travel Award. A taxonomic revision of Hawaiian Araliaceae: a proposal to study material at four major east coast herbaria.
1987. National Geographic Society, Committee for Research and Exploration. Field studies of Araliaceae in Madagascar and the Comoro Islands.
1988. W. Alton Jones Foundation. Core support for the Missouri Botanical Garden's research and conservation program in Madagascar.
1988. Worldwide Fund For Nature Grant. Purchase of microcomputers for a Conservation Data Center in Madagascar.
1988. National Science Foundation. Linnaean plant typification project (with James L. Reveal).
1988. U.S. Agency for International Development (Madagascar Office), Operational Program Grant. An integrated program for rural development, conservation of biological diversity, and field-based training on the Masoala Peninsula, NE Madagascar.
1989. QIT - Fer et Titane, Inc., Montreal, Quebec, Canada. Flora and vegetation study (late flowering season) of the Mandena Mine Site, region of Tolagnaro, Madagascar. Phase 1.
1989. QIT - Fer et Titane, Inc., Montreal, Quebec, Canada. Flora and vegetation study (early flowering season) of the Mandena Mine Site, region of Tolagnaro, Madagascar. Phase 2.
1990. World Wildlife Fund Grant. An integrated program for rural development, conservation of biological diversity, and field-based training on the Masoala Peninsula, NE Madagascar.
1990. World Wildlife Fund Grant. Improvement of teaching curricula and development of a two-year plan for the conservation education section, Parc Botanique et Zoologique de Tsimbazaza, Antananarivo, Madagascar (with Bodo Randrianasolo).
1990. World Wildlife Fund Grant. Production of a Guide to the Trees and Shrubs of southern and southwestern Madagascar (with Peter B. Phillipson and Voara Randrianasolo).
1990. John D. and Catherine T. MacArthur Foundation. Botanical training and inventory work of key protected areas in support of biodiversity conservation in Madagascar.
1990. John D. and Catherine T. MacArthur Foundation. Core Support for Conservation and Environmental Education Activities at the Parc Botanique et Zoologique de Tsimbazaza, Antananarivo, Madagascar (with Voara Randrianasolo).
1990. W. Alton Jones Foundation. Continued core support for the Missouri Botanical Garden's Madagascar Research and Conservation Program.
1990. World Wildlife Fund Grant. Support for two Malagasy participants at the ICSEB-IV Madagascar Conservation Symposium.
1990. QIT - Fer et Titane, Inc., Madagascar Minerals Project, Montreal, Quebec, Canada. Flora and vegetation follow-up study of the Mandena Mine Site, region of Tolagnaro, Madagascar.
1991. World Wide Fund for Nature Grant. Improvement of horticultural practices, Parc de Tsimbazaza, Madagascar (with M. Spargur and V. Randrianasolo).
1991. U.S. National Science Foundation. A conspectus of the vascular plants of Madagascar (with G. E. Schatz).
1991. Liz Claiborne and Art Ortenberg Foundation. Botanical inventory of Ranomafana National Park, Madagascar (with G. E. Schatz).
1991. Liz Claiborne and Art Ortenberg Foundation. Support for graduate training for Armand Randrianasolo, Botany Section, Parc de Tsimbazaza.

1992. U.S. National Science Foundation. Continued support for the Linnaean plant name typification project (with J. L. Reveal and F. R. Barrie).
1992. U.S. Agency for International Development (SAVEM Grant Management Unit, Madagascar). Masoala Peninsula integrated conservation and development project. Phase I (with CARE-Madagascar, DEF and SAFAFI).
1993. Liz Claiborne and Art Ortenberg Foundation. Botanical training in support of conservation activities in Madagascar.
1993. W. Alton Jones Foundation. Continued core support for the Missouri Botanical Garden's Madagascar Research and Conservation Program.
1994. Biodiversity Support Program. Assessment of biodiversity and conservation of east coast Malagasy rain forests (with R. Rabehohitra and G. E. Schatz).
1994. U.S. National Science Foundation. Group dynamics, reproduction success and habitat utilization in chimpanzees and baboons, Gombe Stream, Tanzania (with A. Pusey, C. Packer and others).
1995. U.S. Agency for International Development. Kibale National Park biological field station project, Uganda (with the Consortium for International Development).
1995. John D. and Catherine T. MacArthur Foundation. Botanical training in Madagascar: support for an 18-month intensive field botany course.
1995. John D. and Catherine T. MacArthur Foundation. An integrated botanical training program in Tanzania.
1995. World Bank and Government of the Republic of Congo. Projet d'Appui Technique au Laboratoire de Botanique du Centre d'Etudes sur les Ressources Végétales (CERVE).
1996. Liz Claiborne and Art Ortenberg Foundation. An integrated botanical training program in Tanzania.
1996. U.S. National Science Foundation. Conspectus of the vascular plants of Madagascar – Phase II (final) (with G. E. Schatz).
1996. U.S. Department of Agriculture, Federal Assistance Program. Central Africa herbaria workshop and field survey.
1998. QMM, Montreal, Quebec, Canada. Review of the MIR 1997 regional deforestation study and the current and planned QMM Conservation and Rehabilitation Program in the are of Fort-Dauphin (Tolagnaro), Madagascar.
1998. Golder Associates, Inc. Taxonomic identifications and verifications of plant specimens from the Ambatovy-Analamay area, Madagascar.
1998. Liz Claiborne and Art Ortenberg Foundation. Core support for Missouri Botanical Garden's Madagascar Program.
1999. John D. and Catherine T. MacArthur Foundation. Integrated botanical training activities in Madagascar and Tanzania.
2000. U.S. National Science Foundation. Phylogeny and diversification of Araliales (with G. M. Plunkett).
2000. QMM, Montreal, Quebec, Canada. Flora update study of the littoral forest ecosystem in the Mandena area, region of Fort-Dauphin (Tolagnaro), Madagascar.
2000. John D. and Catherine T. MacArthur Foundation. Application of Botanical Information to Conservation Planning in New Caledonia.
2001. U.S. National Science Foundation. A botanical survey of Madagascar's endangered littoral forest (with G. D. McPherson and G. E. Schatz).
2001. National Geographic Society, Committee for Research and Exploration. Towards a *Flora Antongilensis* (with G. E. Schatz).
2001. Liz Claiborne and Art Ortenberg Foundation. Continued support for Missouri Botanical Garden's Madagascar Research and Conservation Program.
2001. Critical Ecosystem Partnership Fund. Assessment of Priority Areas for Plant Conservation in Madagascar.
2002. Liz Claiborne and Art Ortenberg Foundation. Continued support for Missouri Botanical Garden's Madagascar Research and Conservation Program.
2002. Critical Ecosystem Partnership Fund. Mapping the Vegetation of Madagascar (with P. Smith, Royal Botanic Gardens, Kew).
2003. John D. and Catherine T. MacArthur Foundation. Building National Capacity for Plant Conservation Assessment and Action in Madagascar.
2003. The Andrew W. Mellon Foundation. Types of African Plants (TAP) Initiative. Participation of the Missouri Botanical Garden (2004) (with P. B. Phillipson).
2004. National Geographic Society, Committee for Research and Exploration. Botanical inventory of the Kouakoué massif, an isolated, exceptionally rich mountain area in SE New Caledonia (with J. Munzinger & G. McPherson).
2004. National Geographic Society, Committee for Research and Exploration. Botanical Inventory of the Kalambatritra Massif, Madagascar.

2004. The Andrew W. Mellon Foundation. Catalogue of the Vascular Plants of Madagascar (with P. B. Phillipson and G. E. Schatz).
2005. The Andrew W. Mellon Foundation. African Plants Initiative (API): Digital Images of Malagasy Plants Project (with P. B. Phillipson and J.-N. Labat).
2005. The Andrew W. Mellon Foundation. Catalogue of the Vascular Plants of Madagascar, Year 2 (with P. B. Phillipson and G. E. Schatz).
2005. Conservation International – Madagascar. Repairing Didy Forest: A Call to Action. Assessment of the current status of the Didy Forest following illegal road construction and design of an integrated restoration program to repair the resulting damage (with J. Aronson).
2006. U.S. National Science Foundation. Tackling *Schefflera*: initiating the re-circumscription of the largest genus in Araliaceae (with G. M. Plunkett).
2007. Richard and Rhoda Goldman Fund. Orphan conservation sites in Madagascar: filling key gaps to ensure a comprehensive network of protected areas (with G. E. Schatz).
2007. The Andrew W. Mellon Foundation. Continued support of the Catalogue of the Vascular Plants of Madagascar Project (with P. B. Phillipson and G. E. Schatz).
2007. Golder Associates, Inc. Identification of Priority Plant Species for a Social and Environmental Impact Assessment Study of the Proposed Petaquilla Mine Site, Panama.
2007. John D. and Catherine T. MacArthur Foundation. The Effects of Global Climate Change on the Plants of Madagascar: Detecting Changes, Projecting Impacts, and Developing Responses (with G. E. Schatz).
2007. U.S. National Science Foundation. Vahinala Project: A Catalogue of the Vascular Plants of Madagascar (with G. E. Schatz).
2008. Ambatovy Mine Project. Flora Species Extinction Avoidance Program: Species of Concern Management 2008 (with L. Andriamahefarivo and P. B. Phillipson).
2008. The Andrew W. Mellon Foundation. Continued support of the Catalogue of the Vascular Plants of Madagascar Project (with P. B. Phillipson and G. E. Schatz).
2010. National Geographic Society, Committee for Research and Exploration. Impact assessment of ebony (*Diospyros*) in northeastern Madagascar.
2011. Minera Panamá S.A., Panama City, Panama. Consultancy for the Development of a Conservation Master Plan for the Minera Panamá Project (with P. B. Phillipson).
2011. Hardner & Gullison Associates, LLC. Assistance in providing technical opinions related to the development of a Biodiversity Action Plan for the Cobre Panama Project, being developed by Minera Panama, S.A.
2011. Weda Bay Nickel, Halmahera, Indonesia. Consultancy for the Development of Recommendations for a Plant Species of Concern Assessment and Management Program (with P. B. Phillipson).
2011. Minera Panamá S.A., Panama City, Panama. Plant Biodiversity Database Development and Threat Assessment.
2011. Golder Associates, Calgary, Canada. Plant Inventory and Identification for an Environmental Impact Assessment, Mt. Nimba, Guinea Conakry (with P. B. Phillipson).
2012. Golder Associates, Lyon, France. Comprehensive baseline study of flora for the Mabounié mine site, Gabon (with T. Stévant).
2012. Weda Bay Nickel, Halmahera, Indonesia. Technical support for the establishment of the WBN Flora Inventory Programme (FIP) and preliminary compilation, analysis and interpretation of flora data (with P. B. Phillipson).
2012. The Andrew W. Mellon Foundation. Madagascar Catalogue Project 2012-2020: Contributions to the Global Strategy for Plant Conservation (with G. E. Schatz, M. W. Callmander and P. B. Phillipson).
2012. Société Le Nickel, Nouméa, New Caledonia. Expertise for the development of a corporate biodiversity strategy (with J. Ekstrom).
2013. Weda Bay Nickel, Halmahera, Indonesia. Technical Support for Flora Inventory Programme. Phase 2 – Trimester 1 (with P. B. Phillipson).
2013. Minera Panamá S.A., Panama City, Panama. Support for Minera Panama Biodiversity Program Tasks for April–December 2013.
2013. Environ S.A., Paris, France. Flora and vegetation study for a pilot plant and exploration pit, Mabounié mine site, Gabon (with T. Stévant).
2013. AMEC Earth & Environmental UK Ltd., Ashford, UK. Vegetation study of the Hummingbird mine site, Dugbe region, SE Liberia (with T. Stévant).
2015. Prince Albert II of Monaco Foundation. Développement de l'approche HVC pour la flore et la végétation au Gabon (with T. Stévant).

2015. Association Vahatra, Antananarivo, Madagascar. Flora and vegetation component for a book entitled "Madagascar's protected areas: a bilingual book and associated database reviewing their history, biodiversity and guiding the future."
2016. U.S. National Science Foundation. Evolution and systematics of the Neotropical clade of *Schefflera* (Araliaceae) (with G. M. Plunkett).
2017. Compagnie des Bauxites de Guinée (CBG). Mise en place de parcelles permanents pour le suivi de la flore et de la végétation dans la partie Sud Cogon de la concession minière de la CBG à Sangaredi.
2017. Franklinia Foundation. Conservation and sustainable management of the precious wood genera *Dalbergia* (Fabaceae) and *Diospyros* (Ebenaceae) in Madagascar.
2019. Franklinia Foundation. IUCN Red List Assessments of Ebenaceae.
2022. U.S. National Science Foundation. Digitization and Enrichment of U.S. Herbarium Data from Tropical Africa to Enable Urgent Quantitative Conservation Assessments (with P. Barberá).

SYMPOSIA AND WORKSHOPS ORGANIZED

1990. Conservation in Evolutionary Perspective: Madagascar, a New Arena. Fourth International Congress of Systematic and Evolutionary Biology, College Park, Maryland, July 7.
1997. Development of African herbaria. XV AETFAT Congress, Harare, Zimbabwe, February 3 (with B. Huntley).
2003. Conservation and Sustainable Use of African Plants. XVII AETFAT Congress, Addis Ababa, Ethiopia, September 21–26 (with P. P. Smith).
2005. La Restauration écologique: un élément clé pour le développement durable et pour la conservation de la biodiversité à Madagascar. Workshop, Antananarivo, Madagascar, March 24 (with J. Aronson and S. Andriambololonera).
2005. Apiales V – The Fifth International Symposium on the Systematics of Apiales. University of Vienna, Austria, July 24–26 (with G. M. Plunkett).
2010. Origin and diversification of the New Caledonian biota. VI Southern Connection Congress, Bariloche, Argentina, February 18 (with U. Swenson).
2018. Sistemática de Apiales. XII Congreso Latinoamericano de Botánica, Quito, Ecuador, 22–27 October (with M. M. Mora and G. M. Plunkett).

TALKS AND INVITED PAPERS

1. Endemism and diversity in the New Caledonian flora. Smithsonian Institution, October 1; New York Botanical Garden, Bronx, New York, October 7; Bailey Hortorium, Cornell University, Ithaca, New York. October 14, 1985.
2. The evolution of endemism in New Caledonia. Bishop Museum, Honolulu, November 12; University of the South Pacific, Suva, Fiji. November 21, 1985.
3. The Missouri Botanical Garden's contract with the National Cancer Institute and botanical research program in Madagascar. Missouri Baptist Hospital, St. Louis, Missouri. June 10, 1987.
4. Botany and phytogeographic history of Madagascar. Jersey Wildlife Preservation Trust, Jersey, Channel Islands. February 12, 1988.
5. Le rôle des jardins botaniques dans l'inventaire et la protection de la flore tropicale: exemple de la flore malgache. Symposium sur les jardins botaniques de demain, Paris. June 2, 1988.
6. Evolutionary patterns in the flora and vegetation of New Caledonia. Symposium on Evolution in Island Archipelagoes: The Emerging Picture. Fourth International Congress of Systematic and Evolutionary Biology, College Park, Maryland. July 6, 1990.
7. Botanical research and conservation in Madagascar. Berry Botanical Garden, Portland, Oregon. August 7, 1990.
8. Do we really know as much as we think about the flora of the Africa-Madagascar region? XV International Botanical Congress, Yokohama, Japan (with Ph. Morat). 1993.
9. Natural and anthropogenic vegetation types in Madagascar. Natural and human-induced change in Madagascar, Field Museum of Natural History, Chicago (with G. E. Schatz). June 3, 1995
10. La végétation naturelle et anthropique de Madagascar. Académie Malgache, Antananarivo, Madagascar. November 16, 1995.
11. Diversity, endemism, and extinction in the flora of New Caledonia. Intl. Symposium on Rare, Threatened, and Endangered Floras of Asia and the Pacific, Academia Sinica, Taipei, Taiwan. May 1, 1996.
12. Madagascar: its origin, people, animals, plants, and the Missouri Botanical Garden's research and conservation program. Missouri Botanical Garden. June 27, 1996.

13. Madagascar: a remarkable flora on the verge of extinction. Academia Sinica, Nankang, Taiwan. September 8, 1998.
14. Evolution of early lineages in Apiales: insights from morphology, wood anatomy and molecular data (with G. M. Plunkett and A. A. Oskolski). XVI Intl. Botanical Congress, St. Louis, Missouri. August 3, 1999.
15. Biogeography and conservation status in Madagascar's endemic plant families (with C. R. Birkinshaw, G. E. Schatz, F. Randriantafika and F. Ratovoson). II Intl. Symposium on the Biogeography of Madagascar, Paris. August 31, 1999.
16. Espèces appartenant aux familles des plantes endémiques de Madagascar: systématique, biogéographie, écologie, et risque d'extinction. Parc Botanique et Zoologique de Tsimbazaza, Antananarivo, Madagascar. December 9, 1999.
17. Endemic plant families of Madagascar: integrating taxonomy and conservation. Botany 2000 (annual meetings of the Botanical Society of America and the American Society of Plant Taxonomists), Portland, Oregon, USA. August 8, 2000.
18. Biogéographie et relations évolutives des Araliaceae Malgaches. 40th Anniversary Meeting, Faculty of Science, Univ. of Antananarivo, Madagascar. September 21, 2000.
19. Les produits utiles de la recherche taxonomique moderne. Workshop on the "Flore du Gabon", Libreville, Gabon. November 15, 2001.
20. Phylogeny of Araliaceae, Part II: inter- and intrageneric relationships (with G. M. Plunkett and J. Wen). 4th International Apiales Symposium, Pretoria, South Africa, January 6, 2003.
21. Discovery of a new dioecious genus of Cunoniaceae from New Caledonia (with G. McPherson, P. Sweeney and J. Bradford). Joint South African Assoc. of Botanists and Intl. Soc. Ethnopharmacology Conference, Pretoria, South Africa, January 8, 2003.
22. Rediscovering lost species: the application of botanical data to assessing priority areas for plant conservation (with G. E. Schatz, Sylvie Andriambololonera Jeannie Randriampionona). Botanical Research Institute of Texas, Ft. Worth, April 30, 2003.
23. Madagascar, a botanical paradise in peril. "The Last Wild Places and Hotspots of the World" Distinguished Lecturer Series, Botanical Research Institute of Texas and Ft. Worth Botanic Garden, Texas, May 1, 2003.
24. Phylogeny of Araliaceae, Part II: inter- and intrageneric relationships (with G. M. Plunkett and J. Wen). Missouri Botanical Garden, August 18, 2003.
25. Red listing and plant conservation. (with G. E. Schatz, S. Andriambololonera and J. Randriampionona). XVII AETFAT Congress, Addis Ababa, Ethiopia, September 23, 2003.
26. Araliaceae in Africa and Madagascar: major taxonomic changes resulting from recent phylogenetic studies (with G. M. Plunkett, and J. Wen). XVII AETFAT Congress, Addis Ababa, Ethiopia, September 25, 2003.
27. Narrow endemism and its bearing on conservation in the floras of Madagascar and New Caledonia (with G. E. Schatz). XVII Intl. Botanical Congress, Vienna, Austria, July 22, 2005.
28. Breaking up is hard to do: a road map to generic realignments in *Polyscias* s. lat. and *Schefflera* s. lat. (Araliaceae)(with G. M. Plunkett). 5th Apiales Symposium, Vienna, Austria, July 26, 2005.
29. Collections et observations, données primaires, accessibilité et exploitation: enjeux scientifiques et défis. GBIF France launch meeting, Paris, France, June 27, 2006.
30. The Missouri Botanical Garden's Madagascar Program: from plant collecting to a multi-dimensional program. New York Botanical Garden, May 21, 2007.
31. Novel ways to present and disseminate taxonomic information: lessons learned from the Missouri Botanical Garden's Madagascar Program. New York Botanical Garden, May 21, 2007.
32. Can the imperatives of environmental conservation and sustainable economic development be reconciled? Lessons from Madagascar. African Issues Symposium: Food security, environmental sustainability and human health. Kansas State University, Manhattan, Kansas, March 31, 2009.
33. Plant systematics and sustainability: can we really make a difference and how? Plenary lecture, 19th AETFAT Congress, Antananarivo, Madagascar, April 26, 2010.
34. Paraphyly, polyphyly and multiple dispersals in Afro-Malagasy *Polyscias* (Araliaceae)(with G. M. Plunkett). 19th AETFAT Congress, Antananarivo, Madagascar, April 26, 2010.
35. The essential role of botanical exploration and natural history collections for informing conservation of tropical plants. International Symposium on Botanical Diversity: exploration, understanding and use, National Botanic Garden of Belgium, Meise, September 17, 2010.
36. La flore de Madagascar: une course contre la montre entre la découverte et la perte de la biodiversité. Université de la Réunion, October 19, 2010.
37. Contributions of the Missouri Botanical Garden's Madagascar Program toward achieving the GSPC 2011–2020 targets (with G. E. Schatz and S. Andriambololonera). Global Partnership for Plant Conservation Conference, Missouri Botanical Garden, July 5, 2011.

38. Evolution of the New Caledonian flora: insights from the pantropical family Sapindaceae. International Botanical Congress, Melbourne, Australia, July 29, 2011.
39. New Caledonia's role as a source area for angiosperm diversification in the Southwest Pacific: evidence from multiple lineages in Apiales. 7th International Apiales Symposium, Sydney, Australia, August 1, 2011.
40. MBG's Madagascar Program: 25 years of exploration, discovery and conservation in a globally important biodiversity hotspot. 25th anniversary celebration of MBG's Madagascar Program, Missouri Botanical Garden, 23 February, 2013.
41. Community-based conservation in Madagascar: a novel approach with broad implications. Conservation Club, Missouri Botanical Garden, 23 February, 2013.
42. Conservation and sustainable management of Madagascar's largest genus, the ebonies (*Diospyros*). Madagascar's Eastern Rainforests: Value, Use and Perspectives. Swiss Federal Institute of Technology, Zurich, Switzerland, April 5, 2013.
43. The role of botanists in environmental impact assessment and mitigation: examples from the mining sector point to new opportunities for advancing science and supporting conservation. XX AETFAT Congress, Stellenbosch, South Africa, January 16, 2014.
44. Identification of ebonies (*Diospyros*) in Madagascar: a very complicated business. Workshop on identification techniques for *Dalbergia* and *Diospyros*. Thünen Institute of Wood Research, Hamburg, Germany, June 13, 2014.
45. The current and future role of ecological restoration at community-based conservation sites managed by the Missouri Botanical Garden in Madagascar. Ecological Restoration Alliance Symposium: The Contribution of Botanical Gardens to Ecological Restoration and Restoring Natural Capital. Missouri Botanical Garden, St. Louis, Missouri, USA, July 16, 2014.
46. The role of botanists in the private sector: examples of EIAs and mitigation in the mining sector point to new opportunities in the 21st Century for advancing science and supporting conservation. Conference on Botanists of the twenty-first century: roles, challenges and opportunities, UNESCO, Paris, France, September 24, 2014.
47. Le programme du Missouri Botanical Garden à Madagascar: de l'inventaire et la taxonomie à la conservation et le développement communautaire. École Normale Supérieure, Université Yaoundé I, Yaoundé, Cameroon, October 6, 2014.
48. Le rôle du botaniste, l'intérêt des herbiers: de l'inventaire et la taxonomie à la conservation et le développement communautaire à Madagascar. Arboretum Vilmorin, Verrières le Buisson, France, June 10, 2015.
49. Le programme du Missouri Botanical Garden à Madagascar: de l'inventaire et la taxonomie à la conservation et le développement communautaire. CIRAD, Montpellier, France. October 6, 2015.
50. Multiple lineages of Apiales in New Caledonia: colonization, diversification, and dispersal across several clades. Botany 2016 Conference, Savannah, Georgia, August 3, 2016.
51. No more *Schefflera* in Africa and Madagascar: resurrection of the genera *Astropanax* and *Neocussonia*. XXI AETFAT Congress, Nairobi, Kenya, May 16, 2017.
52. Using our knowledge of Madagascar's flora to conserve what we can before it's too late. State of the World's Plants Symposium, Royal Botanic Gardens, Kew, US, May 25, 2017.
53. El programa del Jardín Botánico de Missouri en Madagascar: del inventario y la taxonomía a la conservación y el desarrollo basado en la comunidad. Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá, October 11, 2017; Universidad de Antioquia, Medellín, October 20, 2017.
54. Contributions to GSPC Targets: examples of integrated conservation approaches from Africa and Madagascar. Global Partnership for Plant Conservation Conference, Cape Town, South Africa, August 29, 2018.
55. Breaking up *Schefflera* (Araliaceae): Consequences for the Melanesian and Afro-Malagasy clades. XII Congreso Latinoamericano de Botánica, Quito, Ecuador, October 26, 2018.
56. Systematic research, conservation and community-based development in the biodiversity hotspot of Madagascar. University of Aarhus, Denmark, September 27, 2019.
57. Tropical botanists still discover new plants in the 21st century, and in more ways than you think! Tales from Madagascar, New Caledonia, and elsewhere. Adventures in Biodiversity Research Series, Living Earth Collaborative, Washington University in St. Louis. Virtual presentation, August 4, 2020 (<https://www.youtube.com/watch?v=tGqtexQxjU>).
58. What happened to *Schefflera* (Araliaceae) in the Neotropics? A new generic classification of this well known, species rich group. *Ira Reunión Científica de la Asociación para la Botánica del Perú*. Virtual presentation, September 26, 2020.
59. A new taxonomy for the Neotropical clade formerly treated as *Schefflera*. Universidad Mayor de San Andrés, La Paz, Bolivia, March 18, 2022 and Museo de Historia Natural Noel Kempff Mercado, Santa Cruz, Bolivia, March 23, 2022.

60. Building a scientific foundation for possible sustainable and equitable exploitation of *Dalbergia* (Rosewood) and *Diospyros* (Ebony) in Madagascar: clarifying species-level taxonomy and developing practical identification tools for management and regulation. AETFAT Congress, Livingstone, Zambia, June 30, 2022.
61. Progress on the taxonomy of Malagasy *Diospyros* (Ebenaceae), the island's largest genus of woody plants. AETFAT Congress, Livingstone, Zambia, June 30, 2022.

REVIEWS

Over 245 manuscripts reviewed for the following journals: *Adansonia*; *American Journal of Botany*; *Annalen des Naturhistorischen Museums in Wien, Serie B*; *Annales Botanici Fennici*; *Annals of Botany*; *Annals of the Missouri Botanical Garden*; *Australian Journal of Botany*; *Australian Systematic Botany*; *Biodiversity and Conservation*; *Blumea*, *Boissiera*, *Botanical Journal of the Linnean Society*; *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie*; *Brittonia*; *Caldasia*, *Canadian Journal of Botany*; *Candollea*; *Conservation Biology*; *Conservation Letters*; *Development in Practice*; *Diversity and Distributions*; *Ecology and Evolution*; *Edinburgh Journal of Botany*; *Fieldiana Botany*; *Frontiers in Ecology and Evolution*; *Garden's Bulletin Singapore*; *Journal of Biogeography*; *Kew Bulletin*; *Madagascar Conservation and Development*; *Malagasy Nature*; *Molecular Ecology*; *Molecular Phylogenetics and Evolution*; *New Phytologist*; *New Zealand Journal of Crop and Horticultural Science*; *Nordic Journal of Botany*; *Novon*; *Oryx*; *PhytoKeys*; *Plant Ecology and Evolution*; *Plant Systematics and Evolution*; *PLOS ONE*; *Revue Française des Etudes Anglophones*; *Science*; *South African Journal of Botany*; *Systematic Botany*; *Taxon*; *Thai Forest Bulletin (Botany)*; *Tree Genetics and Genomes*; *Trends in Plant Science*, *Wildenowia*.

Over 60 grant proposals reviewed for: U.S. National Science Foundation, National Geographic Society Committee for Research and Exploration, Belgian Fund for Scientific Research, Swiss Commission for Scientific Research, Swiss National Science Foundation, Sigma Xi, American Philosophical Society, Marie Curie Action Programme (EU), *CNRT Nickel et son Environnement* (New Caledonia), etc.

EPONYMY

Weinmannia lowryana J. C. Bradford, *Adansonia*, sér. 3, 23: 223. 2001.
Cordia lowryana J. S. Mill., *Adansonia*, sér. 3, 23: 292. 2001.
Breonia lowryi Razafim., *Ann. Missouri Bot. Gard.* 89: 23. 2002.
Gentiana lowryi Hul, *Adansonia*, sér. 3, 24: 39. 2002.
Hilsenbergia lowryana J. S. Mill., *Adansonia*, sér. 3, 25: 177. 2003.
Cynoglossum lowryanum J. S. Mill., *Adansonia*, sér. 3, 27: 122. 2005.
Garcinia lowryi Z. S. Rogers & P. Sweeney, *Syst. Bot.* 32: 775. 2007.
Gaertnera lowryi Malcomber, *Ann. Missouri Bot. Gard.* 96: 632. 2009.
Sericanthe lowryana Sonké & Robbr., *Bot. J. Linn. Soc.* 169: 538. 2012.
Bemangidia lowryi L. Gaut., *Taxon* 62: 797. 2013.
Lowryanthus Pruski, *Phytoneuron* 2014-51: 1. 2014.
Vitex lowryi Callm., Phillipson & G. E. Schatz, *Candollea* 69: 142. 2014.
Noronhia lowryi Hong-Wa, *Boissiera* 70: 160. 2016.
Lowryanthinae Pruski & Anderb., *Taxon* 66: 417. 2017.
Diospyros lowryi Schatz, *Candollea* 76: 220. 2021.

RECENT ON-LINE INTERVIEWS, DOCUMENTARIES AND PRESS COVERAGE

1. Radio France International (November 8, 2009, in French): <https://www.rfi.fr/fr/emission/20091104-3-invite-multi-facettes-pete-lowry>
2. Herbar 2.0 (2013): <http://www.webdoc-herbier.com/#156> Selected clips:
 - a. *Polyscias dioica* from New Caledonia (2 segments): <http://www.webdoc-herbier.com/#153>, <http://www.webdoc-herbier.com/#192>
 - b. Illustration and description of a new species from Vanuatu (2 segments): <http://www.webdoc-herbier.com/#186>, <http://www.webdoc-herbier.com/#1106>
 - c. My favorite specimen: <http://www.webdoc-herbier.com/#1102>
3. [Missouri Botanical Garden names hundreds of new plant species](#) (St. Louis Post-Dispatch, Sept. 4, 2016).

4. Spotlight on Science: Dr. Pete Lowry: <https://discoverandshare.org/2018/08/22/spotlight-on-science-dr-pete-lowry/> (Missouri Botanical Garden, August 22, 2018).
5. The Missouri Botanical Garden is on a mission to save the planet's species from extinction: St. Louis Magazine: <https://www.stlmag.com/news/longform/missouri-botanical-garden-botany-no-job-for-cowards/> August 12, 2019).
6. Remote research: missed connections: <https://discoverandshare.org/2020/05/06/remote-research-missed-connections/> (Missouri Botanical Garden, May 6, 2020).
7. Tropical botanists still discover new plants in the 21st century, and in more ways than you think! Tales from Madagascar, New Caledonia, and elsewhere: <https://www.youtube.com/watch?v=tGqtexQxjcU> (live on-line presentation, August 4, 2020).
8. Science with Borders: Researchers Navigate Red Tape. The Scientist , March 2021: <https://www.the-scientist.com/careers/science-with-borders-researchers-navigate-red-tape-68443>.

Updated July 24, 2023