

CURRICULUM VITAE

PORTER PRESCOTT LOWRY II

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



PRESENT POSITION

Curator, and Head of the Africa and Madagascar Department, Missouri Botanical Garden, P.O. Box 299, St. Louis, Missouri 63166-0299, USA (Tel: 314-577-9453; Fax: 314-577-9596; e-mail: Pete.Lowry@mobot.org; url: <http://www.mobot.org/MOBOT/Research/curators/lowry.shtml>). Address in France (permanent posting): Département Systématique et Evolution, Muséum National d'Histoire Naturelle, Case Postale 39, 57 rue Cuvier, 75231 Paris CEDEX 05, France (Tel: +(33) 1-40-79-33-51; Fax: +(33) 1-40-79-34-42; lowry@mnhn.fr).

ASSOCIATE AND ADJUNCT POSITIONS

Chercheur Associé, Muséum National d'Histoire Naturelle, Paris, France (since 1989).
Honorary Research Associate, Royal Botanic Gardens, Kew, U.K. (since 1999).
Adjunct Associate Professor, Department of Biology, University of Missouri-St. Louis, USA (since 2003).
Member of the *Département Systématique et Evolution*, Muséum National d'Histoire Naturelle, Paris, France (since 2006).
Overseas Research Supervisor, Kunming Institute of Botany, Chinese Academy of Sciences, Kunming (since 2006).
Member of the *Ecole Doctorale* and *Chargé de Conservation*, Muséum National d'Histoire Naturelle, Paris, France (since 2009).

PREVIOUS POSITIONS

1986–90 Assistant Curator, Coordinator, Madagascar Research and Conservation Program, Missouri Botanical Garden.
1990–99 Associate Curator, and Head, 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.

PROGRAMMATIC AND ADMINISTRATIVE RESPONSIBILITIES

- **Coordinator, MBG's [Madagascar Research and Conservation Program](#)** (~140 staff members in Madagascar, 4 based at MBG, 2 in Paris, 1 in Geneva). Main programmatic activities include:
 - Extensive botanical exploration (ca. 125,000 collections made by staff and associates in the past 27 years).
 - Systematic and taxonomic studies (ca. 250 papers published by program staff, students and collaborators).
 - Multi-level training (>70 Malagasy students and professionals trained) and employment opportunities through MBG's in-country program.
 - Collaboration with 5 local counterpart institutions and numerous international organizations.
 - Compilation of a comprehensive database on Malagasy plants and preparation of an on-line [Catalogue of the Vascular Plants of Madagascar](#), integrating threat assessments using IUCN Red List criteria.

- Innovative approaches for applying botanical information to addressing conservation issues, including: GIS analysis of Priority Areas for Plant Conservation; evaluation of patterns of species richness and endemism; inventory of [Madagascar's East Coast Littoral Forests](#); and assessment of the impacts of climate change on Madagascar's flora, testing mitigation measures and developing adaptation strategies.
- Community-based conservation projects at 11 newly established protected areas located at priority sites for plant conservation, each integrating the principles of sustainable natural resource management, ecological restoration, the [Restoration of Natural Capital](#), participatory management and social entrepreneurship.
- Development of botanical expertise for Environmental Impact Assessments and participation in selected EIA studies on a contract basis.
- **Coordinator of MBG's [Africa Program](#)** (3 staff members). Main programmatic activities include:
 - Tanzania Botanical Research and Conservation Program, which has trained >25 local botanists, conducted field work in dozens of key sites, carried out a collaborative, multi-institutional CEPF-funded project on Red List assessments of threatened species and identification of priority conservation areas, and is now participating in an analysis of climate change and its implications for conservation in the Tanzania-Kenya borderlands area (R. Gereau, S. Bodine).
 - Research in Southern Africa, primarily on Iridaceae and the Cape flora (participating staff: P. Goldblatt).
 - Systematics of African Orchidaceae (participating staff: T. Stévant).
 - Maintaining and expanding North America's largest and most comprehensive collection and associated data on plants from Africa and Madagascar as a resource for the research community.
- **MBG Liaison based at the *Museum National d'Histoire Naturelle in Paris***, coordinating MBG collaborative involvement in research within the *Département Systématique et Evolution* on the floras of Madagascar, New Caledonia and Africa; contributing to MNHN research activities; and facilitating collaboration and visits to Paris by scientists from the U.S., Madagascar, Africa and elsewhere.
- **Coordinator of MBG activities in New Caledonia**, which include botanical inventories of poorly-known sites; description of newly discovered taxa; and taxonomic systematic, biogeographic and evolutionary research on selected groups.

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: *Schefflera sensu lato* (ca. 1100 spp.; with G.M. Plunkett, D. G. Frodin and others), including the newly resurrected and expanded genus *Plerandra* (49 spp.); *Polyscias* (ca. 270 spp.; with G.M. Plunkett); *Meryta* (ca. 40 spp.; with F. Tronchet), etc.
 - Phylogeny: broad relationships within the family (with G.M. Plunkett and others); re-circumscription of *Schefflera sensu lato* (with G.M. Plunkett and D. G. Frodin); 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 and the Afro-Malagasy region (with G.M. Plunkett).
 - Ongoing field exploration (recent trips to Madagascar, New Caledonia, Solomon Islands, Seychelles, Mauritius; upcoming trips planned to Andean South America).
 - Analyses of morphological and anatomical features in a phylogenetic context (with A. O. Oskolski, R. Liu, G.M. Plunkett, B.-E. Van Wyk, P. M. Tilney and others).
 - Risk of extinction assessments, including a measure of “phylogenetic diversity”, to test conservation importance (with G.M. Plunkett).
- **Systematics of other groups within Apiales**, including Myodocarpaceae (with G.M. Plunkett), Pittosporaceae (with C. Gemmill, J. Munzinger and G.M. Plunkett), Apiaceae (with G.M. Plunkett, M. Liu and others) and Melanophyllaceae (with G. E. Schatz).
- **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 of the [Catalogue of the Vascular Plants of Madagascar](#) (with P. B. Phillipson, G. E. Schatz, S. Andriambololonera and others).

- **Evolution and diversification of the New Caledonian flora**, including Myodocarpaceae (with G.M. Plunkett), Pittosporaceae (with C. Gemmill, J. Munzinger and G.M. Plunkett), Apiaceae (with G.M. Plunkett, M. Liu and others) and Melanophyllaceae (with G. E. Schatz).
- **Application of botanical information to conservation planning and management.**
- **Integration of Ecological Restoration and the principles of [Restoration of Natural Capital](#) (RNC) and Carbon Offsets and Carbon Credits** into community-based conservation activities and natural resource management policies, and into programs and activities at botanical gardens (coordinated by Botanic Gardens Conservation International).
- **Environmental impact assessment, mitigation and conservation planning** at selected high biodiversity mine projects (Madagascar, Panama, Guinea Conakry, 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 Consultant, Development of a Plant Conservation Master Plan for the Minera Panamá S.A. mine project, Panama.
- 2011 Consultant, Development of Recommendations for a Plant Species of Concern Assessment and Management Program for the Weda Bay Nickel Project, Halmahera Island, Indonesia.
- 2011 Coordinator, Plant Biodiversity Database Development and Threat Analysis for the Minera Panamá S.A. mine project, Panama.

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).

CURRENT COMMITTEES, COUNCILS AND BOARDS

- 1998– Senior Editorial Board, [Oryx: The International Journal of Conservation](#).

- 1999– Editorial Board, [Adansonia](#).
 2001– QMM Biodiversity Advisory Committee, QMM, Madagascar (President since 2006).
 2003– IUCN Madagascar Plant Specialist Group.
 2007– Editorial Board, [Journal of Systematics and Evolution](#) (formerly *Acta Phytotaxonomica Sinica*).
 2007– Board of Directors, [Madagascar Fauna Group](#).
 2008– Editorial Board, [Madagascar Conservation and Development](#).
 2009– Editorial Board, [Plant Ecology and Evolution](#).
 2009– Independent Scientific Consultative Committee, [Ambatovy Mineral S.A, Madagascar](#).
 2010– Editorial Board, [Blumea](#).
 2011– Flora Editorial Committee, Muséum National d'Histoire Naturelle, Paris.

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.
 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.

FIELD EXPERIENCE

Plant collecting. More than 7,250 numbers from 28 countries and territories: Australia, Canada, Chile, China, Fiji, France, French Polynesia (Tahiti), Gabon, Hawai`i, Indonesia (West Papua [formerly Irian Jaya], Halmahera, and Java), Madagascar, Mauritius, Mexico, New Caledonia, New Zealand, Norway, Panama, 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, Equatorial Guinea, Ghana, Ivory Coast, Kenya, São Tomé, South Africa, and Uganda.

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); Society for Conservation Biology; Société Française de Systématique.

CURRENT GRADUATE STUDENTS AND COMMITTEES

Swanni Alvarado Romero, Ph.D. Candidate, Université d'Avignon, France. Research subject: Etudes préliminaires dans le cadre du plan de conservation et de restauration de la végétation du Massif d'Ibity, un projet d'aire protégée à Madagascar (committee member).

Thomas Anquez, Master 2 candidate, Université de Rennes 1, Rennes, France. Research subject : Distribution spatiale et analyses morphométriques chez une espèce hyper-variable: *Polyscias dioica* (Araliaceae) (thesis co-director).

Xavier Aubriot, Ph.D. candidate, Muséum National d'Histoire Naturelle, Paris, France. Research subject: Radiation évolutive explosive, *key innovations* et notion d'espèce dans le genre *Euphorbia* L. à Madagascar (thesis director).

- Olivier Chauveau, Ph.D. candidate, Université Paris-Sud 11, Orsay, France. Thesis title: Systématique et évolution des structures florales productrices de lipides au sein des Iridoideae (Iridaceae) (rapporteur and committee member).
- Raymonde Mboma, Ph.D. candidate, Muséum National d'Histoire Naturelle, Paris, France. Research subject: Caractérisation des espèces forestières pour une exploitation durable des ressources forestières en Afrique centrale : le cas des Légumineuses du Gabon (thesis director).
- Ly Ngoc Sam, Ph.D. candidate, Muséum National d'Histoire Naturelle, Paris, France. Research subject: Evolution des bananiers sauvages d'Indochine (thesis director).

PAST GRADUATE STUDENT COMMITTEES

- 1993 Félix Koubouana. Doctorat (= Ph.D.), Université Paris VI. Thesis title: Les forêts de la Vallée du Niari (Congo): études floristiques et structurales.
- 1997 Thierry Pailler. Doctorat (= Ph.D.), Université de la Réunion. Thesis title: L'hétérostylie dans l'archipel des Mascareignes: présence, maintien et évolution.
- 1997 Bénédicte Sirot. Diplôme de Recherches Doctorales (= M.S.), Université Raymond Poincaré, Nancy I. Thesis title: Etude systématique d'un genre de Boraginaceae d'Amérique: *Bourreria*.
- 1999 Sylvie Ratokivalondrahona. Diplôme d'Etudes Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Contribution à l'étude taxonomique du genre endémique *Tina* Roem. & Schultes (Sapindaceae).
- 1999 Jeannie Raharimampionona. Diplôme d'Etudes Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Contribution à l'étude taxonomique du genre *Canarium* Engl. (Burseraceae) à Madagascar.
- 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.
- 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.
- 2001 Naina Mamisoa Andrianjafy. Diplôme d'Etudes 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).
- 2001 Fanjambola Yolande Razafindrakoto. Diplôme d'Etudes 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).
- 2001 Frédéric Tronchet. Diplôme d'Etudes 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.
- 2002 Martin W. Callmander. Doctorat ès Sciences, Université de Neuchâtel, Switzerland. Thesis title: Biogéographie et systématique des Pandanaceae de l'Océan Indien occidental.
- 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.
- 2003 Cynthia Hong-Wa. Diplôme d'Etudes Approfondies (= M.S.), Université d'Antananarivo, Madagascar. Thesis title: Description, distribution, écologie, utilisations et risques d'extinction des espèces du genre *Leptolaena* Thouars sensu stricto (Sarcolaenaceae, famille endémique de Madagascar).
- 2003 Thomas Haevermans. Doctorat (= Ph.D.), Muséum National d'Histoire Naturelle, Paris, France. Thesis title: Le genre *Euphorbia* L. à Madagascar: Phylogénie et Systématique.
- 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).
- 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.
- 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.

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.
2006. Jérôme Muriienne. 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.
2007. Hélène Ralimanana Randriananahary. Doctorat (= Ph.D.), Université d'Antananarivo, Madagascar. Thesis title: Systématique et biogéographie de *Phyllanthus* L. (Phyllanthaceae) de Madagascar. Rapporteur.
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.
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.
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.
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 committee member.
2010. Hélène Collas. 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). Committee 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. (Genisteeae, Fabaceae) et des espèces hybrides et cultivars apparentés. Rapporteur and committee 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. Committee member.

HONOR SOCIETIES

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

PUBLICATIONS

1. Lowry, P. P., II. 1976. A biosystematic study of two species in the genus *Osmorhiza* (Umbelliferae). B.S. Thesis, University of Illinois. 122pp.
2. Lowry, P. P., II and A. G. Jones. 1977. Nomenclatural notes on *Osmorhiza* Rafinesque (Apiaceae) and two proposals for additions to Article 34 of the Code. *Taxon* 26: 567–569.
3. Lowry, P. P., II and A. G. Jones. 1978. Correction of the publication date for the generic name *Osmorhiza* Rafinesque. *Taxon* 27: 550.

4. Lowry, P. P., II and A. G. Jones. 1979. Biosystematic investigations and taxonomy of *Osmorhiza* Rafinesque section *Osmorhiza* (Apiaceae) in North America. *Amer. Midl. Naturalist* 101: 21–27.
5. Lowry, P. P., II. 1980. A biosystematic study and taxonomic revision of *Osmorhiza* Rafinesque (Apiaceae). M.S. Thesis, University of Illinois. 355pp.
6. Lowry, P. P., II. 1981. A floristic survey of the Bear Trap Canyon, Madison County, Montana, with a discussion of author citations using the connecting words *in* and *ex*. *Phytologia* 49: 81–94.
7. Lowry, P. P., II and A. G. Jones. 1984 (1985). Systematics of *Osmorhiza* Raf. (Apiaceae: Apioideae). *Ann. Missouri Bot. Gard.* 71: 1128–1171.
8. Lowry, P. P., II. 1985. Proposal to conserve 5941 *Osmorhiza* Raf. against *Uraspermum* Nutt. (Apiaceae). *Taxon* 34: 316–318.
9. Lowry, P. P., II. 1986. A systematic study of three genera of Araliaceae endemic to or centered in New Caledonia: *Delarbreia*, *Myodocarpus*, and *Pseudosciadium*. Ph.D. Thesis, Washington University, St. Louis. 258pp.
10. Lowry, P. P., II, F. G. Davies and P. S. Green. 1986. The distribution and synonymy of *Polyscias cissodendron* (Araliaceae). *Kew Bull.* 41: 804.
11. Lowry, P. P., II. 1986. A systematic study of *Delarbreia* Vieill. (Araliaceae). *Allertonia* 4: 169–201.
12. Jones, A. G. and P. P. Lowry II. 1987. Types and selected historic specimens of *Aster* s.l. (Asteraceae) in the Herbarium, Laboratoire de Phanérogamie, Muséum National d'Histoire Naturelle, Paris (P). *Bull. Mus. Natl. Hist. Nat., Paris, ser. 4, sect. B, Adansonia* 8: 393–412.
13. Lowry, P. P., II. 1987. [A synopsis of native Hawaiian Araliaceae](#). *Pacific Science* 40: 79–87.
14. Lowry, P. P., II, P. Goldblatt and H. Tobe. 1987. [Notes on the floral biology, cytology and embryology of *Campynemanthe* \(Liliales: Campynemataceae\)](#). *Ann. Missouri Bot. Gard.* 74: 573–576.
15. Lowry, P. P., II. 1988. [Notes on the Fijian endemic *Meryta tenuifolia* \(Araliaceae\)](#). *Ann. Missouri Bot. Gard.* 75: 389–391.
16. Lowry, P. P., II, J. S. Miller and D. G. Frodin. 1989. New combinations and name changes for some cultivated tropical Old World and Pacific Araliaceae. *Baileya* 23: 5–13.
17. Lowry, P. P., II. 1989. A revision of Araliaceae from Vanuatu. *Bull. Mus. Natl. Hist. Nat., Paris, ser. 4, sect. B, Adansonia* 11: 117–155.
18. Schlessman, M. A., D. G. Lloyd and P. P. Lowry II. 1990. Evolution of sexual systems in New Caledonian Araliaceae. *Mem. New York Bot. Gard.* 55: 105–117.
19. Lowry, P. P., II. 1990. Araliaceae. Pp. 224–237 in: W. L. Wagner, D. L. Herbst and S. H. Sohmer, *Manual of the flowering plants of Hawai`i*. Vol. 1. Univ. Hawaii Press, Bishop Museum Press, Honolulu.
20. Schlessman, M. A., P. P. Lowry II and D. G. Lloyd. 1990. [Functional dioecism in the New Caledonian endemic *Polyscias pancheri* \(Araliaceae\)](#). *Biotropica* 22: 133–139.
21. Lowry, P. P., II. 1991. Le rôle des jardins botaniques dans l'inventaire et la protection de la flore tropicale: exemple de la flore malgache. Pp. 241–246 in: M. Chauvet and M. Delmas (eds.), *Jardins Botaniques et Arboretums de Demain*. Bureau des Ressources Génétiques, Paris.
22. Lowry, P. P., II. 1991. Evolutionary patterns in the flora and vegetation of New Caledonia. Pp. 373–379 in: E. C. Dudley (ed.). *The unity of evolutionary biology. Proceedings of the Fourth International Congress of Systematic and Evolutionary Biology*. Dioscorides Press, Portland, Oregon.
23. Lowry, P. P., II. 1992. Conservation and development in Madagascar. *Wings* 16: 10–13.
24. Lowry, P. P., II. 1993. *Meryta*, *Apiopetalum*, *Cheirodendron*, *Myodocarpus*, *Pseudosciadium*, *Munroidendron*, *Reynoldsia*, *Tetraplasandra*, and *Polyscias*. Pp. 88–105 in M. M. J. van Balgooy (ed.), *Pacific Plant Areas*. Vol. 5. Rijksherbarium/Hortus Botanicus, Leiden University, The Netherlands.
25. M. M. J. van Balgooy and P. P. Lowry II. 1993. *Delarbreia*. Pp. 95–96 in M. M. J. van Balgooy (ed.). *Pacific Plant Areas*. Vol. 5. Rijksherbarium/Hortus Botanicus, Leiden University, The Netherlands.
26. Rabevohitra, R., P. P. Lowry II, G. E. Schatz, H. Randrianjafy and N. Razafindrianilana. 1996. Rapport sur le projet "Assessment of plant diversity and conservation importance of east coast low elevation Malagasy rain forests". FOFIFA-DRFP Rap. 714, 28 pp. + annexes.
27. Schatz, G. E., P. P. Lowry II, M. Lescot, A.-E. Wolf, S. Andriambololona, V. Raharimalala & J. Raharimampionona. 1996. Conspectus of the vascular plants of Madagascar: a taxonomic and conservation electronic database. Pp. 10–17 in L. J. G. van der Maesen et al. (eds.) *The Biodiversity of African Plants*. Kluwer Acad. Publ., Dordrecht, Boston and London.
28. Lowry, P. P., II. 1996. Prospects for the future of botanical work in Tanzania: the challenge of finding new ways to fund priority activities. Pp. 40–46 in: J. S. Miller & R. E. Gereau (eds.), *Proceedings Strategy Conference on the*

- Development of Botanical Collections in Tanzania*. National Herbarium of Tanzania and the Missouri Botanical Garden.
29. Lowry, P. P., II, G. E. Schatz and P. B. Phillipson. 1997. The classification of natural and anthropogenic vegetation in Madagascar. Pp. 93–123 in: S. M. Goodman and B. D. Patterson (eds.), *Natural change and human impact in Madagascar*. Smithsonian Inst. Press, Washington, D.C.
 30. Oskolski, A. A., P. P. Lowry II and H. G. Richter. 1997. [Systematic wood anatomy of *Myodocarpus*, *Delarbreia*, and *Pseudosciadium* \(Araliaceae\)](#). *Adansonia*, sér. 3., 19: 61–75.
 31. Morat, Ph. and P. P. Lowry II. 1997. [Floristic richness in the Africa-Madagascar region: a brief history and prospective](#). *Adansonia*, sér. 3, 19: 101–115.
 32. Schatz, G. E., P. P. Lowry II and A. Ramisamihantanimirina. 1998. [Takhtajania perrieri rediscovered](#). *Nature* 391: 132–133.
 33. Rabevohitra, R., L. Wilmé, P. P. Lowry II and G. E. Schatz. 1998. La diversité floristique et l'importance de la conservation des forêts littorales de la côte Est. Pp. 65–99 in: J. Ratsirarson and S. M. Goodman (eds.), *Inventaire biologique de la forêt littorale de Tampolo (Fenoarivo Atsinanana)*. Rech. Pour le Développement, Sér. Sci. Biol., Vol. 14.
 34. Lowry, P. P., II. 1998. Diversity, endemism, and extinction in the flora of New Caledonia: a review. Pp. 181–206 in: C.-I Peng and P. P. Lowry II (eds.), *Proceedings of the International Symposium on Rare, Threatened, and Endangered Floras of Asia and the Pacific*. Academia Sinica, Taipei, Taiwan.
 35. Lowry, P. P., II, G. E. Schatz and P. B. Phillipson. 1998. Classification de la végétation naturelle et anthropique de Madagascar. *Bull. Acad. Natl. Madagascar*, n.s., 73: 219–233.
 36. Schatz, G. E., P. P. Lowry II and A.-E. Wolf. 1998. [Endemic families of Madagascar. I. A synoptic revision of *Melanophylla* Baker \(Melanophyllaceae\)](#). *Adansonia*, sér. 3, 20: 233–242.
 37. Schatz, G. E., R. E. Gereau and P. P. Lowry II. 1999. [A revision of the Malagasy endemic genus *Chouxia* \(Sapindaceae\)](#). *Adansonia*, sér. 3, 21: 51–62.
 38. Lowry, P. P., II, O. Pascal and J.-N. Labat. 1999. [A new species of *Polyscias* \(Araliaceae\) from Mayotte, Comoro Islands](#). *Adansonia*, sér. 3, 21: 67–73.
 39. Schatz, G. E., P. P. Lowry II and A.-E. Wolf. 1999. [Endemic families of Madagascar. II. A synoptic revision of *Sphaerosepalaceae*](#). *Adansonia*, sér. 3, 21: 107–123.
 40. Lowry, P. P., II, G. E. Schatz, J.-F. Leroy and A.-E. Wolf. 1999. [Endemic families of Madagascar. III. A synoptic revision of *Schizolaena* \(Sarcolaenaceae\)](#). *Adansonia*, sér. 3, 21: 183–212.
 41. Schatz, G. E., P. P. Lowry II and A.-E. Wolf. 1999. [Endemic families of Madagascar. IV. A synoptic revision of *Asteropeia* \(Asteropeiaceae\)](#). *Adansonia*, sér. 3, 21: 255–268.
 42. Lowry, P. P., II and K. R. Wood. 2000. [A new species of *Tetraplasandra* \(Araliaceae\) from Kaua'i, Hawaiian Islands](#). *Novon* 10: 40–44.
 43. Oskolski, A. A. and P. P. Lowry II. 2000. [Wood anatomy of *Mackinlaya* and *Apiopetalum* \(Araliaceae\) and its systematic implications](#). *Ann. Missouri Bot. Gard.* 87: 171–182.
 44. Lowry, P. P., II, T. Haevermans, J.-N. Labat, G. E. Schatz, J.-F. Leroy and A.-E. Wolf. 2000. [Endemic families of Madagascar. V. A synoptic revision of *Eremolaena*, *Pentachlaena* and *Perrierodendron* \(Sarcolaenaceae\)](#). *Adansonia*, sér. 3, 22: 11–31.
 45. Shang, C.-B., P. P. Lowry II and D. G. Frodin. 2000. [A taxonomic revision and re-definition of the genus *Gamblea* \(Araliaceae\)](#). *Adansonia*, sér. 3, 22: 45–55.
 46. Schatz, G. E., C. Birkinshaw, P. P. Lowry II, F. Randriantafika and F. Ratovoson. 2000. The endemic plant families of Madagascar project: integrating taxonomy and conservation. Pp. 11–24 in: W. R. Lourenço and S. M. Goodman (eds.), *Diversity and Endemism in Madagascar*. Mém. Soc. Biogéogr., Paris.
 47. Schatz, G. E., P. P. Lowry II and A.-E. Wolf. 2000. [Endemic families of Madagascar. VI. A synoptic revision of *Rhodolaena* \(Sarcolaenaceae\)](#). *Adansonia*, sér. 3, 22: 239–252.
 48. A. P. Dold, P. B. Phillipson, R. Leisner, P. P. Lowry II and L. White. 2000. Collecting botanical specimens. Pp. 93–118 in: L. White and A. Edwards (eds.), *Conservation research in the African rain forests: a technical handbook*. The Wildlife Conserv. Soc., New York.
 49. Plunkett, G. M. and P. P. Lowry II. 2001. [Relationships among “ancient araliads” and their significance for the systematics of *Apiales*](#). *Mol. Phylogenet. Evol.* 19: 259–276.
 50. Plunkett, G. M., P. P. Lowry II and M. K. Burke. 2001. [The phylogenetic status of *Polyscias* \(Araliaceae\) based on nuclear ITS sequence data](#). *Ann. Missouri Bot. Gard.* 88: 213–230.
 51. Eibl, J., G. M. Plunkett and P. P. Lowry II. 2001. [Phylogenetic relationships in *Polyscias* sect. *Tieghemopanax* \(Araliaceae\) based on DNA sequence data](#). *Adansonia*, sér. 3, 23: 23–48.

52. Watson, M. F., G. M. Plunkett, S. R. Downie and P. P. Lowry II. 2001. [Introduction. Evolution, biogeography and systematics of the Apiales \(Araliaceae and Apiaceae\)](#). *Edinb. J. Bot.* 58: 179–181.
53. Lowry, P. P., II, G. M. Plunkett and A. A. Oskolski. 2001. [Early lineages in Apiales: insights from morphology, wood anatomy and molecular data](#). *Edinb. J. Bot.* 58: 207–220.
54. Schlessman, M. A., G. M. Plunkett, P. P. Lowry II and D. G. Lloyd. 2001. [Sexual systems in New Caledonian Araliaceae: a preliminary phylogenetic reappraisal](#). *Edinb. J. Bot.* 58: 221–228.
55. Oskolski, A. A. and P. P. Lowry II. 2001. [Wood anatomy of *Schefflera* and related taxa \(Araliaceae\). II. Systematic wood anatomy of New Caledonian *Schefflera*](#). *IAWA J.* 22: 301–330.
56. Lowry, P. P., II. 2001. [A time for taxonomists to take the lead](#). *Oryx* 35: 273–274.
57. Ganzhorn, J. U., P. P. Lowry II, G. E. Schatz and S. Sommer. 2001. [One of the world's hottest biodiversity hotspot on its way out](#). *Oryx* 35: 346–348.
58. A. P. Dold, P. B. Phillipson, R. Leisner, P. P. Lowry II and L. White. 2000 (2001). Récolte d'échantillons botaniques. Pp. 91–116 in: L. White and A. Edwards (eds.), *Conservation en forêts pluviales africaines: méthodes de recherche*. The Wildlife Conserv. Soc., New York.
59. Schatz, G. E., P. P. Lowry II and A.-E. Wolf. 2001. [Endemic families of Madagascar. VII. A synoptic revision of *Leptolaena Thouars sensu stricto* \(Sarcolaenaceae\)](#). *Adansonia, sér. 3*, 23: 171–189.
60. Wen, J., P. P. Lowry II and H.-J. Esser. 2001. [*Aralia kingdon-wardii* J. Wen, Lowry & Esser, a new name for an Asian Araliaceae](#). *Adansonia, sér. 3*, 23: 307–310.
61. Yoo, K.-O., P. P. Lowry II and J. Wen. 2002. [Discordance of chloroplast and nuclear ribosomal DNA data in *Osmorhiza* \(Apiaceae\)](#). *Amer. J. Bot.* 89: 966–971.
62. Lowry, P. P., II, G. E. Schatz and A.-E. Wolf. 2002. [Endemic families of Madagascar. VIII. A synoptic revision of *Xyloolaena* Baill. \(Sarcolaenaceae\)](#). *Adansonia, sér. 3*, 24: 7–19.
63. Wen, J., P. P. Lowry II, J. Walck and K.-O. Yoo. 2002. [Phylogenetic and biogeographic diversification in *Osmorhiza* \(Apiaceae\)](#). *Ann. Missouri Bot. Gard.* 89: 414–428.
64. Lowry, P. P., II. 2002. [Patterns of species richness, endemism and diversification in oceanic island floras](#). In: H. Heatwole (ed.), *Encyclopedia of Life Support Systems. Theme 1.6: Natural Resource System Challenge IV: Oceans and Aquatic Ecosystems*. EOLSS Press/UNESCO.
65. Schatz, G. E. and P. P. Lowry II. 2002. [A synoptic revision of the genus *Buxus* L. \(Buxaceae\) in Madagascar and the Comoro Islands](#). *Adansonia, sér. 3*, 24: 179–196.
66. Wen, J. and P. P. Lowry II. 2002. [*Aralia hiepiana* J. Wen & Lowry, a new species of Araliaceae from southern Vietnam](#). *Adansonia, sér. 3*, 24: 213–216.
67. Schatz, G. E. and P. P. Lowry II. 2003. [Two new species of *Procklopsis* Baill. \(Achariaceae\) from Madagascar](#). *Adansonia, sér. 3*, 25: 45–51.
68. Schatz, G. E. and P. P. Lowry II. 2003. [*Buxus rabenantoandroi* G.E. Schatz & Lowry, a new name for a Malagasy Buxaceae](#). *Adansonia, sér. 3*, 25: 129–130.
69. Lowry, P. P., II and P. P. Smith. 2003. [Closing the gulf between botanists and conservationists](#). *Conserv. Biol.* 17: 1175–1176.
70. Wen, J., C. Lee, P. P. Lowry II and N. T. Hiep. 2003. [Inclusion of the Vietnamese endemic *Grushvitzkya* in *Brassaiopsis* \(Araliaceae\): evidence from nuclear ribosomal and chloroplast DNA](#). *Bot. J. Linn. Soc.* 142: 455–463.
71. Vincelette, M., L. Randrihasipara, J.-B. Ramanamanjato, P. P. Lowry II and J. U. Ganzhorn. 2003. Mining and environmental conservation: the case of QIT Madagascar Minerals in the southeast. Pp. 1535–1537 in: S. M. Goodman and J. P. Benstead (eds.), *The Natural History of Madagascar*. The University of Chicago Press, Chicago and London.
72. Callmänder, M. W., P. Chassot, Ph. Küpfer and P. P. Lowry II. 2003. [Recognition of *Martellidendron*, a new genus of Pandanaceae, and its biogeographic implications](#). *Taxon* 52: 747–762.
73. Smith, P. P., P. P. Lowry II, J. Timberlake and J. S. Golding. 2004. [Response to Richard Yahner and Tyler Smith](#). *Conserv. Biol.* 18: 9–10.
74. Plunkett, G. M., J. Wen and P. P. Lowry II. 2004. [Infrafamilial classifications and characters in Araliaceae: Insights from the phylogenetic analysis of nuclear \(ITS\) and plastid \(*trnL-trnF*\) sequence data](#). *Pl. Syst. Evol.* 245: 1–39.
75. Haevermans, T., P. Hoffmann, P. P. Lowry II, J.-N. Labat and E. Randrianjohany. 2004. [Phylogenetic analysis of the Madagascar *Euphorbia* subgenus *Lacanthis* based on ITS sequence data](#). *Ann. Missouri Bot. Gard.* 91: 247–259.

76. McPherson, G. and P. P. Lowry II. 2004. [Hooglandia, a newly discovered genus of Cunoniaceae from New Caledonia](#). *Ann. Missouri Bot. Gard.* 91: 260–265.
77. Sweeney, P., J. Bradford and P. P. Lowry II. 2004. [Position of the New Caledonian endemic genus Hooglandia \(Cunoniaceae\) as determined by phylogenetic analysis of chloroplast DNA](#). *Ann. Missouri Bot. Gard.* 91: 266–274.
78. Plunkett, G. M., G. T. Chandler, P. P. Lowry II, S. Pinney and T. Sprenkle. 2004. [Recent advances in understanding Apiales, with a revised classification](#). *S. Afr. J. Bot.* 70: 371–381.
79. Lowry, P. P., II, G. M. Plunkett and J. Wen. 2004. [Generic relationships in Araliaceae: looking into the crystal ball](#). *S. Afr. J. Bot.* 70: 382–392.
80. Schatz, G. E. and P. P. Lowry II. 2004. [A synoptic revision of the genus Brexia \(Celastraceae\) in Madagascar](#). *Adansonia, sér. 3*, 26: 67–81.
81. Wen, J., P. P. Lowry II and J. C. Zech. 2004. [Osmorhiza bipatriata \(Apiaceae\) in Texas: taxonomic status and conservation considerations](#). *Sida* 21: 501–506.
82. Plunkett, G. M., P. P. Lowry II and N. V. Vu. 2004. [Phylogenetic relationships among Polyscias \(Araliaceae\) and close relatives from the western Indian Ocean Basin](#). *Intl. J. Plant Sci.* 165: 861–873.
83. Yi, T., P. P. Lowry II, G. M. Plunkett and J. Wen. 2004. [Chromosomal evolution in Araliaceae and close relatives](#). *Taxon* 53: 987–1005.
84. Randrianasolo, A. and P. P. Lowry II. 2004. [A new species of Camptosperma Thwaites \(Anacardiaceae\) from Northeastern Madagascar](#). *Adansonia, sér. 3*, 26:213–216.
85. Lowry, P. P., II, G. M. Plunkett, V. Raquet, T. S. Sprenkle and J. Jérémie. 2004. [Inclusion of the endemic New Caledonian genus Pseudosciadium Baill. in Delarbrea Vieill. \(Apiales, Myodocarpaceae\)](#). *Adansonia, sér. 3*, 26: 251–256.
86. Mittermeier, R. A., O. Langrand, P. P. Lowry II, G. E. Schatz, J. Gerlach, S. Goodman, M. Steininger, F. Hawkins, N. Raminosoa, O. Ramilijaona, L. Andriamaro, H. Randrianasolo, H. Rabarison and Z. L. Rakotobe. 2004 (2005). [Madagascar and the Indian Ocean Islands](#). Pp. 138–144 in: R. A. Mittermeier, P. Robles Gil, M. Hoffmann, J. Pilgrim, T. Brooks, C. G. Mittermeier, J. L. Lamoreux and G. A. B. da Fonseca (eds.), *Hotspots Revisited: Earth's Biologically Richest and Most Threatened Terrestrial Ecoregions*. CEMEX, Mexico City, Mexico.
87. Lowry, P. P., II, J. Munzinger, P. Bouchet, H. Géraux, A. Bauer, O. Langrand and R. A. Mittermeier. 2004 (2005). [New Caledonia](#). Pp. 193–197 in: R. A. Mittermeier, P. Robles Gil, M. Hoffmann, J. Pilgrim, T. Brooks, C. G. Mittermeier, J. L. Lamoreux and G. A. B. da Fonseca (eds.), *Hotspots Revisited: Earth's Biologically Richest and Most Threatened Terrestrial Ecoregions*. CEMEX, Mexico City, Mexico.
88. Xiang, Q., Q. Xiang, D. E. Boufford and P. P. Lowry II. 2005. [Mastixiaceae](#). *Flora of China* 14: 230–232.
89. Plunkett, G. M., P. P. Lowry II, D. G. Frodin and J. Wen. 2005. [Phylogeny and geography of Schefflera: pervasive polyphyly in the largest genus of Araliaceae](#). *Ann. Missouri Bot. Gard.* 92: 202–224.
90. Tronchet, F., G. M. Plunkett, J. Jérémie and P. P. Lowry II. 2005. [Monophyly and major clades of Meryta \(Araliaceae\)](#). *Syst. Bot.* 30: 657–670.
91. Aronson, J., D. Vallauri, T. Jaffré and P. P. Lowry II. 2005. Restoring dry tropical forests. Pp. 285–290 in: S. Mansourian, D. Vallauri and N. Dudley (eds.), *Forest Restoration in Landscapes: Beyond Planting Trees*, Springer, New York.
92. Callmander, M. W., G. E. Schatz and P. P. Lowry II. 2005 (2006). [IUCN Red List assessment and the Global Strategy for Plant Conservation: taxonomists must act now](#). *Taxon* 54: 1047–1050.
93. Raharimampionona, J., S. Andriambololonera, G. E. Schatz, P. P. Lowry II, M. Rabarimanarivo, A. Ratodisoa and N. Ravololomanana. 2006. Identification des aires prioritaires pour la conservation des plantes à Madagascar: utilisation des données botaniques pour définir les priorités en matière de conservation. Pp. 447–456 in: S. A. Ghazanfar and H. J. Beentje (eds.), *Taxonomy and Ecology of African Plants: their Conservation and Sustainable Use. Proceedings 17th AETFAT Congress, Addis Ababa, Ethiopia*. Royal Botanic Gardens, Kew.
94. Phillipson, P. B., G. E. Schatz, P. P. Lowry II and J.-N. Labat. 2006. A catalogue of the vascular plants of Madagascar. Pp. 613–627 in: S. A. Ghazanfar and H. J. Beentje (eds.), *Taxonomy and Ecology of African Plants: their Conservation and Sustainable Use. Proceedings 17th AETFAT Congress, Addis Ababa, Ethiopia*. Royal Botanic Gardens, Kew.
95. Achille, F., T. Motley, P. P. Lowry II and J. Jérémie. 2006. [Polyphyly in Guettarda L. \(Rubiaceae, Guettardeae\) based on nrDNA ITS sequence data](#). *Ann. Missouri Bot. Gard.* 93: 103–121.
96. Lowry, P. P., II and G. E. Schatz. 2006. [A new restricted-range species of Buxus \(Buxaceae\) from central Madagascar](#). *Adansonia, sér. 3*: 28: 67–70.
97. Lowry, P. P., II and D. Rabehevitra. 2006. [Endemic families of Madagascar. IX. A new littoral forest species of Schizolaena \(Sarcolaenaceae\)](#). *Adansonia, sér. 3*, 28: 149–153.

98. Wen, J. and P. P. Lowry II. 2006. [New species and new combinations in *Brassaiopsis* \(Araliaceae\) from Vietnam and southwestern China](#). *Adansonia*, sér. 3: 28: 181–190.
99. Scholes, R. J., W. Kuper, R. Biggs, E. Mwangi, J. Raharimampionona, P. P. Lowry II, E. Sene, P. Ashton, S. Blake and C. O. Justice. 2006. [Biodiversity. Chapter 7. In: *Africa Environment Outlook 2: Our Environment, Our Wealth*](#). UNEP Press.
100. Liu, M., G. M. Plunkett, P. P. Lowry II, B.-E. van Wyk and P. M. Tilney. 2006. [The taxonomic value of fruit wing types in the order Apiales](#). *Amer. J. Bot.* 93: 1357–1368.
101. Lowry, P. P., II and C.-B. Shang. 2006. [Contributions to the study of Chinese Araliaceae: New species and synonyms in *Brassaiopsis* and *Schefflera*](#). *Acta Phytotax. Sin.* 44: 641–648.
102. Consiglio, T., G. E. Schatz, G. McPherson, P. P. Lowry II, J. Rabenantoandro and Z. S. Rogers. 2006. [Deforestation and plant diversity of Madagascar's Littoral Forests](#). *Conserv. Biol.* 20: 1799–1803.
103. Schatz, G. E. and P. P. Lowry II. 2006. [Endemic families of Madagascar. X. Two new species of *Rhopalocarpus* \(Sphaerosepalaceae\)](#). *Adansonia*, sér. 3, 28: 329–336.
104. Randrianasolo, A. and P. P. Lowry II. 2006. [Operculicarya \(Anacardiaceae\) revisited: an updated taxonomic treatment, with descriptions of two new species](#). *Adansonia*, sér. 3, 28: 359–371.
105. Oskolski, A. A., E. L. Kotina, I. V. Fomichev, F. Tronchet and P. P. Lowry II. 2007. [Systematic implications of wood and bark anatomy in the Pacific island genus *Meryta* \(Araliaceae\)](#). *Bot. J. Linn. Soc.* 153: 363–379.
106. Callmender, M. W., G. E. Schatz, P. P. Lowry II, M. O. Laivao and J. Raharimampionona, S. Andriambololona, T. Raminosoa and T. K. Consiglio. 2007. [Identification of priority areas for plant conservation in Madagascar using IUCN Red List criteria: rare and threatened Pandanaceae indicate sites in need of protection](#). *Oryx* 41: 168–176 [+ 5 pp. suppl. on-line].
107. Shang, C.-B. and P. P. Lowry II. 2007. [Araliaceae](#). *Flora of China* 13: 435–491.
108. Miller, J. S., R. Andriantsiferana, G. M. Cragg and P. P. Lowry II. 2007. History of a landmark collecting agreement: the origin of the National Cancer Institute's letter of intent, a precursor to modern bioprospecting agreements. Pp. 68–70 in: C. R. McManis (ed.), *Biodiversity and the Law: Intellectual Property, Biotechnology and Traditional Knowledge*. Earthscan, London and Sterling, Virginia.
109. Brooks, T., L. Andriamaro, T. Butynski, R. Gereau, F. Hawkins, K. Howell, D. Knox, P. Langhammer, J. F. Lamoreux, P. P. Lowry II, Q. Luke, P. Matiku, M. W. McKnight, C. Msuya, R. Mugo, H. Rabarison, Z. L. Rakotobe and H. Randrianasolo. 2007. [Objectifs et priorités pour la conservation des oiseaux et de la biodiversité d'Afrique](#). *Ostrich* 78: 115–126.
110. Moat, J., A. Cameron, P. P. Lowry II and G. E. Schatz. 2007. Introduction. Pp. 6–7 in: J. Moat and P. Smith, [Atlas of the Vegetation of Madagascar](#). Kew Publ.
111. Baena, S., P. P. Lowry II and G. E. Schatz. 2007. A brief history of vegetation mapping in Madagascar. Pp. 8–9 in: J. Moat and P. Smith, [Atlas of the Vegetation of Madagascar](#). Kew Publ.
112. Munzinger, J., P. P. Lowry II, G. McPherson, M. Tuiwawa and F. Rigault. 2007. Characteristics of vegetation plots along an altitudinal gradient on Santo Island, Vanuatu. IRD, Nouméa, New Caledonia (with Missouri Botanical Garden and University of the South Pacific).
113. Rabenantoandro, J., F. Randriatafika and P. P. Lowry II. 2007. Floristic and structural characteristics of remnant littoral forest sites in the Tolagnaro area (SE Madagascar). Pp. 65–93 in: J. U. Ganzhorn, S. Goodman and M. Vincelette (eds.), *Biodiversity, Ecology and Conservation of Littoral Ecosystems in Southeastern Madagascar, Tolagnaro (Fort Dauphin)*. Smithsonian Inst./MAB Series No. 11. Smithsonian Inst. Natl. Zool. Park, Washington, D.C.
114. Pell, S. K., J. D. Mitchell, P. P. Lowry II, A. Randrianasolo and L. E. Urbatsch. 2008. [Phylogenetic split of Malagasy and African taxa of *Protorhus* s.l. and *Rhus* s.l. \(Anacardiaceae\) based on cpDNA trnL-trnF and nrDNA ETS and ITS sequence data](#). *Syst. Bot.* 33: 375–383.
115. Hannah, L., R. Dave, P. P. Lowry II, M. Andrianarisata, A. Cameron, R. Hijmans, J. MacKinnon, H. H. Randrianasolo, S. Andriambololona, A. Razafimpahanana, H. Randriamahazo, J. Randrianarisoa, P. Razafinjatovo, C. Raxworthy, G. E. Schatz, M. Tadross and L. Wilmé. 2008. [Climate change adaptation for conservation in Madagascar](#). *Biol. Letters* 4: 590–594.
116. Munzinger, J., G. D. McPherson and P. P. Lowry II. 2008. [A second species in the endemic New Caledonian genus *Gastrolepis* \(Stemonuraceae\) and its implications for the conservation status of high altitude maquis vegetation: coherent application of the IUCN Red List criteria is urgently needed in New Caledonia](#). *Bot. J. Linn. Soc.* 157: 775–783.

117. Swenson, U., P. P. Lowry II, J. Munzinger, C. Rydin and I. V. Bartish. 2008. [Phylogeny and generic limits in the *Niemeyera* complex of New Caledonian Sapotaceae: evidence of multiple origins of the anisomerous flower](#). *Mol. Phylogenet. Evol.* 49: 909–929.
118. Lowry, P. P., II, F. Randriatafika and J. Rabenantoandro. 2008. [Conservation status of vascular plant species from the QMM/Rio Tinto mining area at Mandena, Tolagnaro \(Fort Dauphin\) region, southeast Madagascar](#). *Madagascar Conserv. Develop.* 3: 55–63.
119. Jérémié, J., P. P. Lowry II and F. Tronchet. 2008. Amborellaceae. *Species Plantarum: Flora of the World*. Part 14: 1–7.
120. Liu, M., B.-E. van Wyk, P. M. Tilney, G. M. Plunkett and P. P. Lowry II. 2009. [Evidence from fruit structure supports in general the circumscription of Apiaceae subfamily Azorelloideae](#). *Plant Syst. Evol.* 280: 1–13.
121. Rabehevitra, D. and P. P. Lowry II. 2009. [Endemic families of Madagascar. XI. A new critically endangered species of *Schizolaena* \(Sarcoleaceae\) from tapia woodland in South-Central Madagascar](#). *Adansonia, sér. 3*, 31: 149–155.
122. Randrianasolo, A. and P. P. Lowry II. 2009. [Four new species and one new combination in the Malagasy endemic genus of *Micronychia* Oliv. \(Anacardiaceae\)](#). *Adansonia, sér. 3*, 31: 157–168.
123. Schuurman, D. and P. P. Lowry II. 2009. [The Madagascar rosewood massacre](#). *Madagascar Conserv. Develop.* 4: 98–102.
124. Sun, B.-L., C.-Q. Zhang, P. P. Lowry II and J. Wen. 2009. [Cryptic dioecy in *Nyssa yumanensis* \(Nyssaceae\), a critically endangered species from tropical eastern Asia](#). *Ann. Missouri Bot. Gard.* 96: 672–684.
125. Buerki, S., M. W. Callmender, P. P. Lowry II and P. B. Phillipson. 2009. [A synoptic revision of the genus *Lepisanthes* Blume \(Sapindaceae\) in Madagascar](#). *Adansonia, sér. 3*, 31: 301–309.
126. Callmender, M. W., C. Rakotovao, J. Razafitsalama, S. Buerki, C. Hong-Wa, N. Rakotoarivelo, S. Andriambololonera, M. Koopman, D. M. Johnson, T. Deroin, R. Andriamandranto, S. Solo, P. B. Phillipson, J.-N. Labat and P. P. Lowry II. 2009. [New species from two unknown and highly threatened mountainous areas in north-western Madagascar: the Galoka and Kalabenono massifs](#). *Candollea* 64: 179–202.
127. Aronson, J., J. Blignaut, D. de Groot, A. Clewell, P. P. Lowry II, P. Woodworth, D. Renison, D. Tongway, R. M. Cowling, C. Fontaine, M. de Wit, J. Farley, S. Levy, S. Milton, O. Rangel, B. Debrincat and C. Birkinshaw. 2010. [The road to sustainability must bridge three great divides](#). *Ann. New York Acad. Sci.* 1185: 225–236.
128. Jaffré, T., J. Munzinger and P. P. Lowry II. 2010. [Threats to the conifer species found on New Caledonia's ultramafic massifs and proposals for urgently needed measures to improve their protection](#). *Biodiv. & Conserv.* 19: 1485–1502.
129. Buerki, S., P. P. Lowry II, P. B. Phillipson and M. W. Callmender. 2010. [Molecular phylogenetic and morphological evidence supports recognition of *Gereaua*, a new endemic genus of Sapindaceae from Madagascar](#). *Syst. Bot.* 35: 172–180.
130. Ramananjanahary, R. H., C. L. Fraiser, 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.
131. Phillipson, P. B., P. P. Lowry II, L. Andriamahefarivo, P. Antilahimena and C. Birkinshaw. 2010. Flora of the Ambatovy-Analamay mine site and comparison to other sites in Madagascar. *Malagasy Nature* 3: 44–76.
132. Buerki, S., P. P. Lowry II, N. Alvarez, S. G. Razafimandimbison, P. Küpfer and M. W. Callmender. 2010. [Phylogeny and circumscription of Sapindaceae revisited: molecular sequence data, morphology and biogeography support recognition of a few family, Xanthoceraceae](#). *Plant Ecol. Evol.* 143: 148–159.
133. Plunkett, G. M. and P. P. Lowry II. 2010. [Paraphyly and polyphyly in *Polyscias* sensu lato: molecular evidence and the case for recircumscribing the “pinnate genera” of Araliaceae](#). *Plant Div. Evol.* 128: 23–54.
134. Lowry, P. P., II and G. M. Plunkett. 2010. [Recircumscription of *Polyscias* \(Araliaceae\) to include six related genera, with a new infrageneric classification and a synopsis of species](#). *Plant Div. Evol.* 128: 55–84.
135. Liu, M., G. M. Plunkett and P. P. Lowry II. 2010. [Fruit anatomy provides structural synapomorphies to help define *Myodocarpaceae* \(Apiales\)](#). *Syst. Bot.* 35: 675–681.
136. Frodin, D. G., P. P. Lowry II and G. M. Plunkett. 2010. [Schefflera \(Araliaceae\): taxonomic history, overview and progress](#). *Plant Div. Evol.* 128: 561–595.
137. Droissart V., P. P. Lowry II, J. Bosser, D. L. Roberts and T. Stévant. 2010. [Correcting confusion regarding the identity, circumscription and synonymy of *Angraecum gracile* Thouars \(Orchidaceae\)](#). *Taxon* 59: 1578–1580.
138. Randrianasolo, A. and P. P. Lowry II. 2010. [A new species of *Ellipanthus* \(Connaraceae\) from humid forest in eastern Madagascar](#). *Adansonia, sér. 3*, 32: 229–233.

139. Buerki, S., P. P. Lowry II, S. Andriambololonera, P. B. Phillipson, L. Vary and M. W. Callmänder. 2011. [How to kill two genera with one tree: clarifying generic circumscriptions within an endemic Malagasy clade of Sapindaceae](#). *Bot. J. Linn. Soc* 165: 223–234.
140. Lowry, P. P., II and J. Munzinger. 2011. Exploration by the Santo 2006 botany team. P. 75 in Ph. Bouchet, H. Le Guyader and O. Pascal (eds.), *The Natural History of Santo*. MNHN, Paris; IRD Editions, Marseilles; Pro-Natura International, Paris.
141. Munzinger, J., P. P. Lowry II and J.-N. Labat. 2011. Principal vegetation types occurring on Santo. Pp 76–88 in Ph. Bouchet, H. Le Guyader and O. Pascal (eds.), *The Natural History of Santo*. MNHN, Paris; IRD Editions, Marseilles; Pro-Natura International, Paris.
142. Lowry, P. P. II and G. M. Plunkett. 2011. The flora of Santo. Focus on Araliaceae: several genera exemplify Santo's Melanesian biogeographic relations. Pp. 90–92 in Ph. Bouchet, H. Le Guyader and O. Pascal (eds.), *The Natural History of Santo*. MNHN, Paris; IRD Editions, Marseilles; Pro-Natura International, Paris.
143. Callmänder, M. W., P. B. Phillipson, G. E. Schatz, S. Andriambololonera, M. Rabarimanarivo, N. Rakotonirina, J. Raharimampionona, C. Chatelain, L. Gautier and P. P. Lowry II. 2011. [The endemic and non-endemic vascular flora of Madagascar updated](#). *Plant Ecol. Evol.* 144: 121–125.
144. Barrabé, L., A. Mouly, P. P. Lowry II and J. Munzinger. 2011. [Reinstatement of the endemic New Caledonian genus *Thiollierea* Montrouz. \(Rubiaceae\) necessitated by the polyphyly of *Bikkia* Reinw. as currently circumscribed](#). *Adansonia, sér. 3*, 33: 115–134.
145. Tronchet, F. and P. P. Lowry II. 2011. [A new species of *Meryta* \(Araliaceae\) from the Marquesas Islands, French Polynesia](#). In: D. H. Lorence and W. L. Wagner (eds.), *Botany of the Marquesas Islands: new taxa, combinations, and revisions*. *PhytoKeys* 4: 149–156.
146. Goldblatt, P. and P. P. Lowry II. 2011. [The Index to Plant Chromosome Numbers \(IPCN\): three decades of publication by the Missouri Botanical Garden come to an end](#). *Ann. Missouri. Bot. Gard.* 98: 226–227.
147. Vary, L. B., D. L. Gillen, M. Randrianjanahary, P. P. Lowry II, A. K. Sakai and S. G. Weller. [Dioecy, monoecy and their ecological correlates in the littoral forest of Madagascar](#). *Biotropica* 43: 582–590.
148. Razakamalala, R., J. Rabenantoandro, P. P. Lowry II, L. Andriamahefarivo and C. Birkinshaw. 2011. [The flora of Tsitongambarika forest](#). Chapter 2. Pp. 17–22 in: *Tsitongambarika Forest, Madagascar. Biological and socio-economic surveys, with conservation recommendations*. BirdLife International, Cambridge, U.K.
149. Razakamalala, R., J. Rabenantoandro, P. P. Lowry II, L. Andriamahefarivo and C. Birkinshaw. 2011. [La flore de la forêt de Tsitongambarika](#). Chapitre 2. Pp. 19–24 in: *La forêt de Tsitongambarika, Madagascar. Etudes biologiques et socio-économiques, avec recommandations de conservation*. BirdLife International, Cambridge, U.K.
150. Callmänder, M. W. and P. P. Lowry II. 2011. Deux nouvelles espèces du Massif du Panié (Nouvelle-Calédonie): *Meryta rivularis* Lowry (Araliaceae) et *Pandanus taluucensis* Callm. (Pandanaceae). *Candollea* 66: 263–272.
151. Schatz, G. E. and P. P. Lowry II. 2011. Notes on the flora of Madagascar. 21. A new name for the endemic species of *Diospyros* L. (Ebenaceae) in the Seychelles. *Candollea* 66: 422–423.
152. Deroin, T. and P. P. Lowry II. 2011. [Jean-Noël Labat \(1959–2011\)](#). *Adansonia, sér. 3*, 33: 169–181.
153. Goldblatt, P., J. C. Manning, J. Munzinger and P. P. Lowry II. [A new family and new species for the flora of New Caledonia: *Patersonia neocaledonica* \(Iridaceae: Patersonioideae\), from the Mount Humboldt massif](#). *Adansonia, sér. 3*, 33: 201–208.
154. Schatz, G. E. and P. P. Lowry II. 2011. [Nomenclatural notes on Malagasy *Diospyros* L. \(Ebenaceae\)](#). *Adansonia, sér. 3*, 33: 271–281.
155. Buerki, S., F. Forest, M. W. Callmänder, P. P. Lowry II, D. S. Devey and J. Munzinger. 2011. [Phylogenetic inference of New Caledonian lineages of Sapindaceae: molecular evidence requires a reassessment of generic circumscriptions](#). *Taxon* (fast track publication 20 December, 2011).

MANUSCRIPTS IN PRESS

1. Plunkett, G. M. and P. P. Lowry II. Phylogeny and diversification in the Melanesian *Schefflera* clade (Araliaceae) based on evidence from nuclear rDNA spacers. *Syst. Bot.* 37 (in press).
2. Lowry, P. P. II, G. M. Plunkett and D. G. Frodin. Revision of *Plerandra* A. Gray (Araliaceae). I. A synopsis of the genus with an expanded circumscription and a new infrageneric classification. *Brittonia* 64 (in press).
3. Simo, M., T. Stévant, B. Sonké, P. P. Lowry II & V. Droissart. Little-known Angraecums: part two. The genus in Central Africa, with a focus on sections *Conchoglossum*, *Angraecoides* and *Arachnangraecum*. *Orchids* 81: 111–116 (in press).

4. Droissart, V., B. Sonké, P. P. Lowry II, B. J. Pollard and T. Stévert. Notes taxonomiques et chorologiques sur les Orchidaceae endémiques d'Afrique centrale atlantique. *Adansonia*, sér. 3, 34 (in press).
5. Callmander, M. W., P. B. Phillipson and P. P. Lowry II. Novelties from the Northern Mountains Complex of Madagascar. III. Two new species of *Turraea* L. (Meliaceae). *Adansonia*, sér. 3, 34 (in press).
6. Alvarado, S. T., E. Buisson, C. Birkinshaw, H. Rabarison and Porter P. Lowry II. Ibity Mountain, Madagascar: background and perspectives for ecological restoration. *Ecol. Restoration* (in press).
7. Schuurman, D, L. Wilmé and P. P. Lowry II. 2011. A forest counterpart fund: Madagascar's wounded forests can erase the debt owed to them while securing their future, with support from the citizens of Madagascar. *Lemur News* (in press).

MANUSCRIPTS IN REVIEW

1. Liu, M., B.-E. van Wyk, P. M Tilney, G. M. Plunkett and P. P. Lowry II. The taxonomic significance of fruit structural variation in Apiaceae tribe Heteromorphae and related genera. *Amer. J. Bot.* (in review).
2. Munzinger, J., P. P. Lowry II, G. McPherson, M. Tuiwawa and F. Rigault. Characteristics of vegetation plots along an altitudinal gradient on Santo Island, Vanuatu. *Bull. Inst. Roy. Sci. Nat. Belg.* (in review).
3. Grandcolas, P., M. Balke, A. Bauer, A. Cruaud, L. Deharveng, M. Espeland, M. Gaudeul, G. Giribet, E. Guilbert, P. Hollingsworth, T. Jackman, H. Jourdan, K. A. Johanson, . Keith, F. Legendre, P. P. Lowry II, J. Munzinger, R. Nattier, R. Pellens, B. Pelletier, J.-Y. Rasplus, T. Robillard, R. Sadlier, P. Sharma, U. Swenson and S. A. Trewick. Biogeography and evolution of New Caledonia's biota: awaking a Sleeping Beauty by gently distinguishing among competing models. *J. Biogeogr.* (in review).
4. McPherson, G. D. and P. P. Lowry II. *Hooglandia* McPherson & Lowry, in H. C. F. Hopkins, Y. Pillon & R. Hoogland, Cunoniaceae, *Flore de la Nouvelle-Calédonie et Dépendances* (in review).
5. Ratovoson, F., P. P. Lowry II, T. Raminosoa, G. E. Schatz, R. Randrianaivo and E. Buisson. Effets du changement global de climat sur les plantes de Madagascar: découverte des changements, projections des impacts, et développement des réponses. Proc. Workshop on Climate Change, Antananarivo, Madagascar (in review).
6. Randrianasolo, A., P. P. Lowry II, G. E. Schatz, P. B. Phillipson and G. Wahlert. The lianescent species of *Grewia* L. (Malvaceae s. l.) in Madagascar. *Adansonia*, sér. 3 (in review).
7. Birkinshaw, C., P. P. Lowry II J. Raharimampionona and J. Aronson. Supporting Target 4 of the Global Strategy for Plant Conservation by integrating ecological restoration into the Missouri Botanical Garden's conservation program in Madagascar. To be submitted to *Ann. Missouri Bot. Gard.* (in review).
8. Liu, M., G. M. Plunkett, B.-E. van Wyk, P. M Tilney and P. P. Lowry II. The phylogenetic significance of the carpophore in Apiaceae. *Ann. Bot.* (in review).
9. De Wilde, M., E. Buisson, F. Ratovoson, R. Randrianaivo, S. M. Carrière and P. P. Lowry II. Secondary succession in a forest corridor between two protected areas in Southeastern Madagascar leads to thorny thickets. *Agric. Ecosyst. Env.* (in review).
10. Lowry, P. P., II and G. M. Plunkett. Myodocarpaceae. In: K. Kubitzki (ed.), *The Families and Genera of Vascular Plants*. Springer-Verlag, Berlin (in review).
11. Plunkett, G. M., Q.-Y. Xiang, P. P. Lowry II and G. E. Schatz. Torricelliaceae. In: K. Kubitzki (ed.), *The Families and Genera of Vascular Plants*. Springer-Verlag, Berlin (in review).
12. Plunkett, G. M., J. Wen, P. P. Lowry II, A. D. Mitchell, M. J. Henwood and P. Fiaschi. Araliaceae. In: K. Kubitzki (ed.), *The Families and Genera of Vascular Plants*. Springer-Verlag, Berlin (in review).

MANUSCRIPTS IN PREPARATION

1. 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 *Veillonorum*. To be submitted to *Ann. Missouri Bot. Gard.*
2. 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.
3. 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*.
4. Gostel, M. R., G. M. Plunkett and P. P. Lowry II. Phylogenetic relationships in Afro-Malagasy *Schefflera* (Araliaceae) based on nuclear and plastid markers. To be submitted to *Pl. Ecol. Evol.*

5. Lowry, P. P., II and G. M. Plunkett. A taxonomic revision of *Polyscias* subg. *Tieghemopanax* (Araliaceae). To be submitted to *Adansonia*, sér. 3.
6. 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*.
7. Plunkett, G. M., P. P. Lowry II, A. N. Nicolas, P. Fiaschi and D. G. Frodin. Phylogenetic relationships among and within the Asian and Neotropical groups of *Schefflera* (Araliaceae) based on six molecular markers. To be submitted to *Amer. J. Bot.*
8. Schori, M., P. P. Lowry II and G. E. Schatz. A synoptic revision of the genus *Grisollea* (Stemonuraceae). To be submitted to *Syst. Bot.*
9. Munzinger, J., P. P. Lowry II, M. W. Callmender and S. Buerki. A taxonomic revision of the endemic New Caledonian genus *Podonephelium* Baillon (Sapindaceae). To be submitted to *Syst. Bot.*
10. Mboma, R., H. Chevillotte, C. Doumenge and P. P. Lowry II. Incohérence entre les appellations commerciales des bois et les noms scientifiques correspondants : quelles conséquences pour la gestion durable des andoungs au Gabon?
11. Schlessman, M. A., L. B. Vary, J. Munzinger and P. P. Lowry II. Incidence and evolution of dioecy in the island flora of New Caledonia. To be submitted to *New Phytologist*.
12. Hong-Wa, C., T. Distler, G. E. Schatz, P. P. Lowry II and I. Jiménez. Broad scale plant species richness across Madagascar.
13. Alvarado, S.T., E. Buisson, H. Rabarison, C. Rajeriarson, C. Birkinshaw and P. P. Lowry II. Comparison of plant communities on two quartzitic mountains in Madagascar (Ibity and Itremo) with contrasted conservation histories and current status. To be submitted to *Biol. Conserv.*
14. De Villiers, B. J., G. M. Plunkett, B.-E. Van Wyk, P. M. Tilney and P. P. Lowry II. Phylogenetic relationships of the genus *Cussonia* (Araliaceae) based on nuclear and chloroplast sequence data, morphology and anatomy. To be submitted to *Pl. Syst. Evol.*
15. Simo M., B. Sonké, V. Droissart, C. Micheneau, P. P. Lowry II, G. M. Plunkett, O. Hardy and T. Stévant. Taxonomic revision of Continental African species of the section *Pectinaria* (*Angraecum*, Orchidaceae). To be submitted to *Syst. Bot.*
16. Simo, M., B. Sonké, V. Droissart, C. Micheneau, P. P. Lowry II, G. M. Plunkett, O. Hardy and T. Stévant. A morphometrical analysis of the *Angraecum* section *Dolabrifolia* (Orchidaceae). To be submitted to *Bot. . Linn. Soc.*
17. Sprenkle, T. S., G. M. Plunkett and P. P. Lowry II. Phylogenetic relationships in Myodocarpaceae (Apiales) based on nuclear and plastid sequence data. To be submitted to *Amer. J. Bot.*
18. De Villiers, B. J., G. M. Plunkett, B.-E. van Wyk and P. P. Lowry II. Phylogenetic relationships in the genus *Cussonia* (Araliaceae) based on DNA sequence data, morphology and anatomy. To be submitted to *Plant Syst. Evol.*
19. De Villiers, B. J., P. M. Tilney, B.-E. van Wyk, G. M. Plunkett and P.P. Lowry II. A taxonomic revision of the genus *Cussonia*. To be submitted to *Syst. Bot.*
20. De Villiers, B. J., P. M. Tilney, B.-E. van Wyk, G. M. Plunkett and P.P. Lowry II. A revision of *Seemannaralia* (Araliaceae). To be submitted to *S. African .J. Bot.*
21. Haevermans, T., P. P. Lowry II, G. E. Schatz, W. Applequist, X. Aubriot, A. Couloux, C. Cruaud, C. Hong-Wa, P. B. Phillipson and G. Rouhan. Molecular phylogenetics of Sarcolaenaceae (Malvales), Madagascar's largest endemic plant family. To be submitted to *Taxon*.
22. Schatz, G. E., P. P. Lowry II and H. Sauquet. A second species in the endemic Malagasy genus *Doyleanthus* (Myristicaceae). To be submitted to *Syst. Bot.*
23. Phillipson, P. B., L. Lopes-Ferreira and P. P. Lowry II. A synoptic revision of *Xerophyta* Juss. (Velloziaceae) in Madagascar. To be submitted to *Ann. Missouri Bot. Gard.*
24. Liu, M., B.-E. van Wyk, P. M Tilney, G. M. Plunkett and P. P. Lowry II. Morphological characters of the fruit carpophores of the South African endemic genera *Alepidea* and *Arctopus* and their taxonomic value (Apiaceae, Saniculoideae). To be submitted to *S. Afr. J. Bot.*
25. Randrianasolo, A. and P. P. Lowry II. A taxonomic revision of *Abrahamia*, a new genus of Anacardiaceae endemic to Madagascar. To be submitted to *Adansonia*, sér. 3.
26. Rabarimanarivo, M. N., N. H. Rakotonirina, P. B. Phillipson and P. P. Lowry II. Révision du genre *Ivodea* Capuron (Rutaceae) à Madagascar et aux Comores. To be submitted to *Adansonia*, sér. 3.
27. Phillipson, P. B., P. P. Lowry II and G. E. Schatz. A synoptic revision of *Tacca* J.R. Forst. & G. Forst. (Dioscoreaceae) in Madagascar. To be submitted to *Adansonia*, sér. 3.

28. Liu, M., B.-E. van Wyk, G. M. Plunkett, P. P. Lowry II and P. M. Tilney. Phylogenetic interpretation of fruit structural diversity in *Bupleurum* (Apiaceae). To be submitted to *S. Afr. J. Bot.*
29. De Wilde, M., E. Buisson, F. Ratovoson, R. Randrianaivo, S. M. Carrière and P. P. Lowry II. Secondary succession in a forest corridor between two protected areas in Southeastern Madagascar leads to thorny thickets.
30. Lowry, P. P., II, P. B. Phillipson and G. E. Schatz. A synoptic revision of *Hirtella* L. (Chrysobalanaceae) in Madagascar. To be submitted to *Adansonia*, sér. 3.
31. Schatz, G. E., R. E. Gereau and P. P. Lowry II. A revision of the Malagasy endemic genus *Beguea* (Sapindaceae). To be submitted to *Adansonia*, sér. 3.
32. Rogers, Z. and P. P. Lowry II. A synoptic revision of the endemic Malagasy genus *Bembicia* Oliv. (Salicaceae). To be submitted to *Adansonia*, sér. 3.
33. Andriambololonera, S., S. G. Razafimandimbison, P. P. Lowry II and B. Bremer. A taxonomic revision of *Bremeria* Razafim. & Alejandro (Rubiaceae).
34. Andriambololonera, S., S. G. Razafimandimbison, P. P. Lowry II and B. Bremer. Phylogeography of *Bremeria* Razafim. & Alejandro (Rubiaceae).
35. Lowry II, P. P., E. Rakotobe and G. E. Schatz. A synoptic revision of the endemic Malagasy genus *Dicoryphe* Thouars (Hamamelidaceae). To be submitted to *Adansonia*, sér. 3.
36. Randrianasolo, A. and P. P. Lowry II. A synoptic revision of *Sorindeia* (Anacardiaceae) in Madagascar. To be submitted to *Adansonia*, sér. 3.
37. Lowry II, P. P. and G. M. Plunkett. Araliaceae, Myodocarpaceae. *Flore de la Nouvelle-Calédonie et Dépendances*. Muséum National d'Histoire Naturelle, Paris.

TAXONOMIC NOVELTIES

Newly described taxa, new combinations and new names: 1 suborder, 1 family, 2 subfamilies, 1 genus, 14 subgenera, 195 species, 7 subspecies and 1 variety.

BOOKS

1. Lowry, W. P. and P. P. Lowry II. 1990. [Fundamentals of Biometeorology. Vol. 1. The Physical Environment](#). Peavine Publ., McMinnville, Oregon, USA. 310pp.
2. Lowry, W. P. and P. P. Lowry II. 2001. [Fundamentals of Biometeorology. Vol. 2. The Biological Environment](#). Peavine Publ./Missouri Botanical Garden Press, St. Louis. 680pp.

VOLUMES EDITED

1. Goldblatt, P. and P. P. Lowry II (eds.). 1988. [Modern Systematic Studies in African Botany: Proceedings of the Eleventh Plenary Meeting of the Association for the Taxonomic Study of the Flora of Tropical Africa](#). Monogr. Syst. Bot. Missouri Bot. Gard. 25: 1-710.
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.

OTHER ELECTRONIC PUBLICATIONS

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. Schatz, G. E., S. Andriambololonera, J. Randriampionona and P. P. Lowry II. 2003–present. [Rediscovering lost species](#). [Internet Explorer only].
4. 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](#).

TECHNICAL REPORTS

1. Parker, J. E., with P. P. Lowry II and V. Randrianasolo. 1989. The Botanical and Zoological Park of Tsimbazaza: Guidelines for the Future. Department of Natural History, Parc Botanique et Zoologique de Tsimbazaza, Antananarivo, Madagascar. 48pp.
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.
3. Lowry, P. P., II (with collaborators). 1991. Final report, overall flora and vegetation study, Madagascar Minerals Project. Prepared for QIT - Fer et Titane Inc., Montreal, Quebec.
4. Lowry, P. P., II. 1996. Long-term ecosystem/biodiversity monitoring at the Makerere University Biological Field Station, Kibale National Park, Uganda and prospects for a national monitoring workshop. Prepared for the Consortium for International Development, Tucson, Arizona. 42pp.
5. Lowry, P. P., II and Paul P. Smith. 1998. Review of MIR Télédétection Inc. Deforestation Study in the Region of Fort-Dauphin (Tolagnaro), Madagascar. Prepared for QIT – Fer et Titane, Inc., Montreal, Quebec.
6. Lowry, P. P., II and Paul P. Smith. 1998. Review of Current and Planned QMM Rehabilitation Activities. Prepared for QIT – Fer et Titane, Inc., Montreal, Quebec.
7. Lowry, P. P., II. 2001. A Re-assessment and Update of Priority Endemic Plant Species At Mandena, Region of Tolagnaro, Madagascar. Prepared for QMM – Madagascar Minerals, Montreal Quebec.
8. Lowry, P. P., II, L. Andriamahefarivo and P. B. Phillipson. 2005. Environmental Impact Assessment Study – Flora. Ambatovy/Analamay Area, Madagascar. Part. 1. Prepared for Golder Associates Ltd., Calgary Alberta.
9. Walters, G., J. S. Miller and P. P. Lowry II. 2005. The Herbario Nacional de Guinea Ecuatorial: Current status and prospects for contributing to the conservation and natural resource management of Central Africa. Prepared for the Instituto Nacional de Desarrollo Forestal (INDEFOR) and Conservation International.
10. Aronson, J., P. P. Lowry II, F. Raharimalala, D. J. Tongway, P. Lavelle and P. O. Berner. 2006. Restoring and Reintegrating the Ambohilo Forest following uncontrolled, industrial logging and road building. Prepared for the Government of Madagascar and Conservation International.
11. Lowry, P. P., II, L. Andriamahefarivo and P. B. Phillipson. 2006. Environmental Impact Assessment Study: Flora. Ambatovy/Analamay Area, Madagascar. Prepared for Dynatec Corp.
12. Lowry, P. P., II, L. Andriamahefarivo and P. B. Phillipson. 2005. Environmental Impact Assessment Study – Flora. Ambatovy/Analamay Area, Madagascar. Part. 2. Prepared for Golder Associates Ltd., Calgary Alberta.
13. Birkinshaw, C., P. P. Lowry II and L. Andriamahefarivo. 2009. Evaluation of the mitigation strategy for plant “Species of Concern” impacted by mining activities at the Ambatovy/Analalay mine site. Prepared for the Ambatovy Project, Madagascar.
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.
15. Lowry, P. P., II and P. B. Phillipson. 2011. Towards a Flora Conservation Plan for the Cobre Mine, Panama. Prepared for Minera Panamá S.A., Panama.
16. Phillipson, P. B. and P. P. Lowry II. 2011. Towards a Flora Inventory Program as a baseline for developing a Plant Biodiversity Conservation Plan for the Weda Bay Nickel Mine, Halmahera, Indonesia.
17. Andriamahefarivo, L., H. Manjakahery, T. Raminosoa, P. P. Lowry II and P. B. Phillipson. 2011. Inventaire floristique d’Ankerana. Prepared for the Ambatovy Project, Madagascar.
18. Phillipson, P. B. and P. P. Lowry II. 2011. A Framework for the establishment of a Flora Biodiversity Management Plan for the Weda Bay Nickel Mine, Halmahera, Indonesia.

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. Rabevohitra 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.
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.
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.

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).

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 Apiaceae. 7th International Apiaceae Symposium, Sydney, Australia, August 1, 2011.

REVIEWS

Over 150 manuscripts reviewed for the following journals: *Adansonia*; *American Journal of Botany*; *Annales Botanici Fennici*; *Annals of the Missouri Botanical Garden*; *Australian Journal of Botany*; *Australian Systematic Botany*; *Biodiversity and Conservation*; *Botanical Journal of the Linnean Society*; *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie*; *Brittonia*; *Canadian Journal of Botany*; *Candollea*; *Conservation Biology*; *Conservation Letters*; *Development in Practice*; *Edinburgh Journal of Botany*; *Fieldiana Botany*; *Kew Bulletin*; *Madagascar Conservation and Development*; *Molecular Ecology*; *Molecular Phylogenetics and Evolution*; *New Zealand Journal of Crop and Horticultural Science*; *Nordic Journal of Botany*; *Novon*; *Oryx*; *PhytoKeys*, *Plant Ecology and Evolution*; *Plant Systematics and Evolution*; *Science*; *South African Journal of Botany*; *Systematic Botany*; *Taxon*; *Tree Genetics and Genomes*; *Trends in Plant Science*.

Over 45 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), etc.

ABSTRACTS

1. Lowry, P. P., II and D. A. Young. 1979. Water soluble seed proteins and the taxonomy of *Osmorhiza* (Apiaceae). *Bot. Soc. Amer. Misc. Ser. Publ.* 157: 45.
2. Lowry, P. P., II and A. G. Jones. 1979. Biosystematics and taxonomy of *Osmorhiza Rafinesque* (Apiaceae: Apioideae). *Bot. Soc. Amer. Misc. Ser. Publ.* 157: 62.
3. Schlessman, M. A., P. P. Lowry II and D. G. Lloyd. 1986. Evolution of sexual systems in New Caledonian Araliaceae. *Abstr. XIV Intl. Bot. Congr., Berlin*.
4. Lowry, P. P., II. 1990. Evolutionary patterns in the flora and vegetation of New Caledonia. *Abstr. Fourth Intl. Congr. Syst. Evol. Biol., College Park, Maryland*.
5. Schatz, G. E. and P. P. Lowry II. 1990. The current status of the flora and vegetation of Madagascar. *Abstr. Fourth Intl. Congr. Syst. Evol. Biology, College Park, Maryland*.

6. Ph. Morat and P. P. Lowry II. 1993. Do we really know as much as we think about the flora of the Africa-Madagascar region? Abstr. XV Intl. Bot. Congr., Yokohama, Japan, p. 33.
7. Schatz, G. E., P. P. Lowry II, M. Lescot, A.-E. Wolf, S. Andriambololonera, V. Raharimalala and J. Raharimampionona. 1994. Conspectus of the vascular plants of Madagascar. A taxonomic and conservation electronic database. Abstr. XIV AETFAT Congr. Wageningen, Holland.
8. Lowry, P. P., II and G. E. Schatz. 1995. Natural and anthropogenic vegetation types in Madagascar. Abstr., Symposium on environmental change in Madagascar. The Field Museum of Natural History, Chicago, p 12–13.
9. Schatz, G. E., P. P. Lowry II and A. Weiss. 1996. Towards a chorological classification of Madagascar. Abstr. Frank White Memorial Symposium, Oxford, England.
10. Lowry, P. P., II, G. M. Plunkett and A. A. Oskolski. 1999. [Evolution of early lineages in Araliales: insights from morphology, wood anatomy and molecular data](#). Abstr. XVI Intl. Bot. Congr., St. Louis, Missouri, USA.
11. Schlessman, M. A., G. M. Plunkett, P. P. Lowry II and D.G. Lloyd. 1999. [Sexual systems of New Caledonian Araliaceae: A preliminary phylogenetic reappraisal](#). Abstr. XVI Intl. Bot. Congr., St. Louis, Missouri, USA.
12. Schatz, G. E., C. Birkinshaw, P. P. Lowry II, F. Randriantafika and F. Ratovoson. 1999. Biogeography and conservation status in Madagascar's endemic plant families. Abstr. II Intl. Symposium Biogeography of Madagascar, p. 5.
13. G. M. Plunkett, A. A. Oskolski & P.P. Lowry II. 1999. Relationships of *Polyscias* (Araliaceae): insights from molecular and comparative wood-anatomical data. L. I. Lotova & A. P. Melikian (eds.), X Moscow Meeting on Plant Phylogeny. Materials. Botany Section, Moscow Society of Naturalists and Dept. of Morphology and Systematic of Higher Plants, Moscow State University, Moscow (in Russian), p 127–129.
14. Plunkett, G. M., P. P. Lowry II and J. M. Eibl. 2000. The phylogenetic relationships of *Schefflera* and *Polyscias*: the non-monophyly of the two largest genera of Araliaceae. *Amer. J. Bot.* 87 (6, suppl.): 149–150.
15. Schatz, G. E., C. Birkinshaw, P. P. Lowry II, F. Randriantafika and F. Ratovoson. 2000. Endemic plant families of Madagascar: integrating taxonomy and conservation. Abstr. Systematics Section/American Society of Plant Taxonomists, Botany 2000 meetings.
16. Yoo, K-O, P. P. Lowry II, J. L. Walck and J. Wen. 2000. [A phylogenetic and biogeographic analysis of *Osmorhiza* \(Apiaceae\) based on ITS and *ndhF* sequences](#). Abstr. Systematics Section/American Society of Plant Taxonomists, Botany 2000 meetings.
17. Lobreau-Callen, D., P. P. Lowry II, C.-B. Shang and V. Malécot. 2000. Phylogenetic analysis of pollen features in selected Araliaceae, with emphasis on taxa from China. Abstr., 10th Intl. Palynology Congr., Nanjing, China.
18. Schatz, G. E., C. Birkinshaw, P. P. Lowry II, F. Randriantafika and F. Ratovoson. 2000. Taxonomy, chorology and conservation status of species in Madagascar's endemic plant families. *Scripta Bot. Belg.* 20: 78.
19. Vu, N. V., G. M. Plunkett and P.P. Lowry II. 2001. Molecular data are consistent with geographic distribution but not with morphological treatment of Malagasy *Polyscias* and related genera (Araliaceae, ginseng). Abstr. Natl. Meetings Amer. Inst. Biol. Sci., Washington, D.C.
20. Lowry, P. P., II. 2000. Biogéographie et relations évolutives des Araliaceae Malgaches. Abstr. 40th Anniversary Meeting, Faculty of Science, Univ. of Antananarivo, Madagascar, 18–22 September, 2000.
21. Vu, N. V., G. M. Plunkett and P. P. Lowry II. 2001. Molecular data are consistent with geographic distribution but not with morphological treatment of Malagasy *Polyscias* and related genera (Araliaceae, ginseng). Abstr. Natl. Meetings Amer. Inst. Bio. Sci., Washington, D.C.
22. Plunkett, G. M., P. P. Lowry II and J. M. Eibl. 2001. [Evolution and Speciation in New Caledonian Araliaceae](#). Abstr. Botany 2001, "Plants and People," Albuquerque, New Mexico.
23. Vu, N. V., G. M. Plunkett and P. P. Lowry II. 2001. [Phylogenetic study of Madagascan *Polyscias* and close relatives in the Ginseng family \(Araliaceae\)](#). Abstr. Botany 2001, "Plants and People," Albuquerque, New Mexico.
24. Plunkett, G. M., P. P. Lowry II and D. G. Frodin. 2002. [Molecular data suggest that *Schefflera* \(Araliaceae\) is polyphyletic: morphological, biogeographic, and taxonomic implications](#). Abstr. Botany 2002, Madison, Wisconsin.
25. Vu, N. V., G. M. Plunkett and P. P. Lowry II. 2002. [Phylogenetic characterization of *Polyscias* \(Araliaceae\) and its close relatives in the western Indian Ocean Basin using ITS and *trnL-trnF* sequences](#). Abstr. Botany 2002, Madison, Wisconsin.
26. Plunkett, G. M., J. Wen and P. P. Lowry II. 2003. Phylogeny of Araliaceae, Part 1: Broad patterns of infrafamilial relationships. Abstr. 4th Apiales Symposium, Pretoria, South Africa, p. 29.
27. Lowry, P. P., II, J. Wen and G. M. Plunkett. 2003. Phylogeny of Araliaceae, Part 2: Inter- and intrageneric relationships. Abstr. 4th Apiales Symposium, Pretoria, South Africa p. 25.

28. Lowry, P. P., II, G. McPherson, P. Sweeney and J. Bradford. 2003. Discovery of a new dioecious genus of Cunoniaceae from New Caledonia. Abstr. Joint SAAB and ISE Conference, Pretoria, South Africa, p.50.
29. Sprenkle, T. S., G. M. Plunkett and P. P. Lowry II. 2003. [Molecular systematics of tribe Myodocarpeae \(Araliaceae s.l.\)](#). Abstr. Botany 2003, Mobile, Alabama.
30. Andriambololonera, S., J. Raharimampionona, G. E. Schatz, P. P. Lowry II, M. Rabarimanarivo, A. Ratodisoa and N. Ravololonanahary. 2003. L'évaluation des aires prioritaires pour la conservation des plantes: l'utilisation des données botaniques pour définir les priorités en matière de la conservation à Madagascar. Abstr. XVII AETFAT Congress, Addis Ababa, Ethiopia, p. 93.
31. Lowry, P. P., II, G. M. Plunkett and J. Wen. 2003. Araliaceae in Africa and Madagascar: major taxonomic changes resulting from recent phylogenetic studies. Abstr. XVII AETFAT Congress, Addis Ababa, Ethiopia, pp. 108–109.
32. Phillipson, P. B., G. E. Schatz and P. P. Lowry II. 2003. A catalogue of the plants of Madagascar. Abstr. XVII AETFAT Congress, Addis Ababa, Ethiopia, pp. 130–131.
33. Schatz, G. E., S. Andriambololonera, J. Randriamampionona and P. P. Lowry II. 2003. Rediscovering lost species. Abstr. XVII AETFAT Congress, Addis Ababa, Ethiopia, p. 137.
34. Plunkett, G. M., P. P. Lowry II and N. V. Vu. 2004. [Paraphyly, Polyphyly, and Geography in *Polyscias* sensu lato \(Araliaceae\): Examples from the Indian Ocean Basin Clade](#). Abstr. Botany 2004, Snowbird, Utah, p. 137–138.
35. Tronchet, F., G. M. Plunkett, J. Jérémie and P. P. Lowry II. 2004. [Phylogeny of *Meryta* \(Araliaceae\) based on nuclear ribosomal ITS and ETS sequence data](#). Abstr. Botany 2004, Snowbird, Utah, p. 147.
36. Wen, J., C. Lee, G. M. Plunkett and P. P. Lowry II. 2004. [Evolution of Araliaceae in Asia: inference from the ITS, *ndhF*, *trnL-F*, and morphological data](#). Abstr. Botany 2004, Snowbird, Utah, p. 148.
37. Vary, L. B., M. A. Schlessman, P. P. Lowry II and J. Munzinger. 2004. [Sexual Dimorphism in the Native Flora of New Caledonia](#). Abstr. Botany 2004, Snowbird, Utah, p. 170–171.
38. Schlessman, M. A., L. B. Vary, P. P. Lowry II and J. Munzinger. 2004. [Sexual Systems of the New Caledonian Flora](#). Abstr. Botany 2004, Snowbird, Utah, p. 171–172.
39. Applequist, W. L., G. E. Schatz and P. P. Lowry II. 2004. [Molecular phylogeny of *Sphaerosepalaceae* and relationships of *Diegodendron*](#). Abstr. Botany 2004, Snowbird, Utah, p. 102.
40. Lowry, P. P., II and G. E. Schatz. 2005. [Narrow endemism and its bearing on conservation in the floras of Madagascar and New Caledonia](#). Abstr. XVII Int'l. Botanical Congress, Vienna, Austria, p. 158.
41. Schlessman, M. A., L. B. Vary, J. Munzinger and P. P. Lowry II. 2005. [New Caledonia: A hotspot for dioecy](#). Abstr. XVII Int'l. Botanical Congress, Vienna, Austria, p. 393.
42. Phillipson, P. B., G. E. Schatz and P. P. Lowry II. 2005. [Cataloguing the Plant Diversity of Madagascar](#). Abstr. XVII Int'l. Botanical Congress, Vienna, Austria, p. 353.
43. Plunkett, G. M. and P. P. Lowry II. 2005. [Phylogenetic and Biogeographic Relationships in *Polyscias* s. lat. \(Araliaceae\)](#). Abstr. XVII Int'l. Botanical Congress, Vienna, Austria, p. 397.
44. Applequist, W. L. and P. P. Lowry II. 2005. [Relationships among major clades of the expanded Malvales: the contribution of *ndhF* data](#). Abstr. XVII Int'l. Botanical Congress, Vienna, Austria, p. 436.
45. Tronchet, F., G. M. Plunkett, J. Jérémie and P. P. Lowry II. 2005. [Phylogeny and biogeography of the Pacific genus *Meryta* \(Araliaceae\) based on ITS and ETS sequence data](#). Abstr. XVII Int'l. Botanical Congress, Vienna, Austria, pp. 444–445.
46. Lowry, P. P., II and G. M. Plunkett. 2005. Breaking up is hard to do: a road map to generic realignments in *Polyscias* s. lat. and *Schefflera* s. lat. (Araliaceae). Abstr. 5th Apiales Symposium, Vienna, Austria, p. 6.
47. Plunkett, G. M. and P. P. Lowry II. 2005. *Polyscias* s. lat. (Araliaceae) in the Indian Ocean basin: paraphyly, polyphyly, and multiple dispersals. Abstr. 5th Apiales Symposium, Vienna, Austria, p. 8–9.
48. Tronchet, F., G. M. Plunkett, J. Jérémie and P. P. Lowry II. 2005. Phylogeny, biogeography and morphology of the Pacific genus *Meryta* (Araliaceae). Abstr. 5th Apiales Symposium, Vienna, Austria, p. 10.
49. Wen, J., C. Lee, G. M. Plunkett and P. P. Lowry II. 2005. Diversity and evolution of Araliaceae in Asia. Abstr. 5th Apiales Symposium, Vienna, Austria, p. 10–11.
50. Plunkett, G. M. and P. P. Lowry II. 2005. Phylogenetic and biogeographic relationships in *Polyscias* s. lat. (Araliaceae). Abstr. 5th Apiales Symposium, Vienna, Austria, p. 16.
51. Raharimampionona, J., P. B. Phillipson, D. C. Daly and P. P. Lowry II. 2007. Taxonomic studies of Burseraceae in Madagascar. Abstr. XVIII AETFAT Congress, Yaoundé, Cameroon, p. 45.
52. Callmander, M. W., C. Rakotovo, C. Randrianarivelo, R. Razakamalala, P. Antilahimena, P. P. Lowry II and L. Wilmé. 2007. Compréhension de la biogéographie du Nord de Madagascar: exploration du dernier lien de forêt dans les montagnes du Nord. Abstr. XVIII AETFAT Congress, Yaoundé, Cameroon, p. 73.

53. Phillipson, P. B., G. E. Schatz, J. Raharimampionona, P. P. Lowry II and J.-N. Labat. 2007. Progress on the Catalogue of the Vascular Plants of Madagascar Project. Abstr. XVIII AETFAT Congress, Yaoundé, Cameroon, p. 129.
54. Plunkett, G. M. and P. P. Lowry II. 2007. [Evolution and biogeography in Melanesian *Schefflera* \(Araliaceae\): a preliminary assessment based on ITS and ETS sequence data](#). Botany and Plant Biology 2007 Congress, Chicago, Illinois.
55. Fiaschi, P., G. M. Plunkett and P. P. Lowry II. 2007. [What do we know about Neotropical *Schefflera* \(Araliaceae\)?: a first molecular phylogenetic analysis](#). Botany and Plant Biology 2007 Congress, Chicago, Illinois.
56. Vary, L. B., P. P. Lowry II, D. Rabehevitra, M. Randrianjanahary and G. E. Schatz. 2007. [Breeding systems of the littoral forests of Madagascar](#). Botany and Plant Biology 2007 Congress, Chicago, Illinois.
57. de Villiers B. J., B.-E. Van Wyk, P. M. Tilney, G. M. Plunkett and P. P. Lowry II. 2007. The taxonomic significance of leaf anatomical characters in *Cussonia* (Araliaceae) [Abstract]. *S. African J. Bot.* 73: 285.
58. Plunkett, G. M. and P. P. Lowry II. 2008. Evolution and biogeography of Melanesian *Schefflera* (Araliaceae): an assessment based on ITS and ETS sequence data. Abstr. 6th Intl. Symposium on Apiales, Moscow, Russia.
59. Van Wyk, B.-E., P. M. Tilney, A. R. Magee, B. J. De Villiers, A. A. Oskolski, M. Liu, P. J. D. Winter, C. I. Calviño, S. R. Downie, G. M. Plunkett and P. P. Lowry II. 2008. A review of taxonomic studies of African Apiaceae. Abstr. 6th Intl. Symposium on Apiales, Moscow, Russia.
60. De Villiers, B. J., B.-E. Van Wyk, P. M. Tilney, G. M. Plunkett, P. P. Lowry II and A. A. Oskolski. 2008. A taxonomic study of the genus *Cussonia* and related genera (Araliaceae). Abstr. 6th Intl. Symposium on Apiales, Moscow, Russia.
61. Liu, M., B.-E. Van Wyk, P. M. Tilney, G. M. Plunkett and P. P. Lowry II. 2008. Morphological characters of the carpophore of Drude's tribe Mulinaceae (Apiaceae) and their possible taxonomic value. Abstr. 6th Intl. Symposium on Apiales, Moscow, Russia.
62. Swenson, U., P. P. Lowry II, J. Munzinger, C. Rydin and I. Bartish. 2008. [Phylogeny and generic limits in the non-staminode group of New Caledonian Sapotaceae: evidence of multiple origins of the anisomerous flower](#). Botany 2008 Conference, Vancouver, British Columbia.
63. Gemmill, C. E. C., P. P. Lowry II and J. Munzinger. 2008. [Explosive radiation of New Caledonian *Pittosporum*: exploring biogeography and evolutionary patterns](#). Botany 2008 Conference, Vancouver, British Columbia.
64. Hong-Wa, C., T. Distler, G. E. Schatz, P. P. Lowry II and I. Jimenez. 2008. [Determinants of broad-scale plant species richness across Madagascar](#). Botany 2008 Conference, Vancouver, British Columbia.
65. Phillipson, P. B., P. P. Lowry II, G. E. Schatz and S. Andriambololonera. 2008. [Novel approaches to taxonomic synthesis of poorly-known and under-documented floras: the case of Madagascar](#). Botany 2008 Conference, Vancouver, British Columbia.
66. Gastel, M. R., G. M. Plunkett and P. P. Lowry II. 2009. [Evolutionary relationships in African-Malagasy *Schefflera*: exploring phylogenetic and biogeographic connections](#). Botany and Mycology 2009.
67. Plunkett, G. M., P. P. Lowry II and A. N. Nicolas. 2009. [Incongruence among phylogenies of Melanesian *Schefflera* \(Araliaceae\): evidence from four plastid and three nuclear markers](#). Botany and Mycology 2009.
68. Lowry, P. P., II, G. M. Plunkett and C. E. C. Gemmill. 2010. Multiple lineages of Apiales in New Caledonia: colonization, diversification, and dispersal across seven clades. Origin and diversification of the New Caledonian biota symposium, VI Southern Connection Congress.
69. Swenson, U., A. Antonelli, J. Munzinger, M. Myrenås and P. P. Lowry II. 2010. Can panbiogeography provide credible scenarios for the origin of the New Caledonian biota? A case study of Sapotaceae. Origin and diversification of the New Caledonian biota symposium, VI Southern Connection Congress.
70. Andriamahefarivo, L., H. Manjakahery, P. P. Lowry II, P. B. Phillipson and T. Raminosoa. 2010. La contribution des Etudes d'Impact Environnemental (EIE) dans la connaissance botanique à Madagascar. Abstracts 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 29.
71. Andriambololonera, S., P. P. Lowry, M. W. Callmander, T. Raminosoa, L. Gautier, P. Ranirison, L. Nusbaumer and S. G. Razafimandimbison. 2010. Aspects phylogénétique, éco-biogéographique et de la conservation des Mussaendeae de Madagascar. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 31.
72. Andrianarivelo, S. N., B. Ramandimbisoa, P. B. Phillipson and P. P. Lowry II. 2010. Les noms vernaculaires des plantes malgaches. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 36.
73. Aubriot, X., T. Haevermans and P. P. Lowry II. 2010. Le groupe de l'énigmatique *Euphorbia pachysantha* Baill.: comment résoudre un casse-tête taxonomique? 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 52.

74. Callmander, M. W., P. B. Phillipson, C. Chatelain, S. Andriambololonea, M. Rabarimanarivo, N. Rakotonirina, L. Gautier, G. E. Schatz and P. P. Lowry II. 2010. L'élément endémique et non endémique de la flore vasculaire de Madagascar revisités. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 106.
75. Chatelain, C., M. W. Callmander, L. Gautier, P. B. Phillipson, A. Dobignard, Y. Steenkamp, P.-A. Loizeau, P. P. Lowry II and G. F. Smith. 2010. Incorporation des espèces de Madagascar à l'African Plants Database. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 113.
76. Gostel, M., G. M. Plunkett and P. P. Lowry II. 2010. Evolutionary relationships in African-Malagasy *Schefflera*: Exploring phylogenetic and biogeographic connections. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 195.
77. Mboma, R., P. P. Lowry II, C. Doumenge, O. Hardy, R. Niangadouma and J.-N. Labat. 2010. Prospecteurs forestiers et connaissance des espèces de légumineuses au Gabon. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 296.
78. Mboma, R., P. P. Lowry II, C. Doumenge, O. Hardy, R. Niangadouma and J.-N. Labat. 2010. Utilité et limite des noms commerciaux dans la gestion forestière et la conservation de la biodiversité : les andoungs du Gabon. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 297.
79. Phillipson, P. B., G. E. Schatz, J. Raharimampionona, M. W. Callmander, S. Andriambololonea, C. Frasier and P. P. Lowry II. 2010. Talking 'bout a revolution! Our understanding of plant diversity in Madagascar. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 353.
80. Plunkett, G. M. and P. P. Lowry II. 2010. Paraphyly, polyphyly, and multiple dispersals in Afro-Malagasy *Polyscias* (Araliaceae). 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 357.
81. Rabarimanarivo, M., N. Rakotonirina, P. B. Phillipson, P. P. Lowry II and J.-N. Labat. 2010. Taxonomic assessment of Rutaceae in Madagascar. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 367.
82. Raharimampionona, J., C. Birkinshaw, M. Randriatsivery, P. P. Lowry II and T. Raminosa. 2010. Evaluation of the comprehensiveness for plant conservation of Madagascar's expanded protected areas network. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 376.
83. Ramananjahary, R., C. Hong-Wa, T. Haevermans, P. P. Lowry II, G.E. Schatz and A. Randrianasolo. 2010. Sarcolaenaceae: la plus large famille endémique de Madagascar. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 399.
84. Randriambololomamonjy, O., F. Ratovoson, G. E. Schatz and P. P. Lowry II. 2010. Sphaerosepalaceae: une petite famille endémique de Madagascar. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 410.
85. Ratovoson, F., P. P. Lowry II, G. E. Schatz and R. Randrianaivo. 2010. Composition floristique et facteurs environnementaux dans la forêt de transition du Parc National d'Andohahela. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 427.
86. Wilmé, L., C. Birkinshaw, C. Camara, S. M. Goodman, P. P. Lowry II, P. B. Phillipson and G. E. Schatz. 2010. A paleohistory made of mountains, rivers and forests. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 504.
87. Wolf, A.-E., T. Ramanantsoa, P. B. Phillipson, G. E. Schatz, S. Andriambololonea, J. Raharimampionona and P. P. Lowry II. 2010. Le Missouri Botanical Garden à Madagascar : bilan de la récolte et la saisie informatique des herbiers pour la connaissance de la flore, 1984–2010. 19th AETFAT Congress, Antananarivo, Madagascar. *Scripta Bot. Belg.* 46: 505.
88. Alvarado S.T., E. Buisson, H. Rabarison, C. Rajeriarson, C. Birkinshaw and P. P. Lowry II. 2010. Effects of global changes on the vegetation management plan of the Ibity and Itremo future protected areas, Madagascar. Abstracts of the 54th meeting of the International Association of Vegetation Science, Ensenada, Mexico.
89. Oskolski, A. A., D. D. Sokoloff, G. M. Plunkett and P. P. Lowry II. 2010. [The flower of *Plerandra* \(Araliaceae\): a unique case of a polycyclic androecium within derived euasterids](#). Botany 2010 Conference, Providence, RI.
90. Plunkett, G. M., A. N. Nicolas, P. P. Lowry II and P. Fiaschi. 2010. [Phylogenetic relationships among and within the Asian and Neotropical groups of *Schefflera* \(Araliaceae\) based on six molecular markers](#). Botany 2010 Conference, Providence, RI.
91. Gostel, M. R., G. M. Plunkett, B. J. de Villiers and P. P. Lowry II. 2010. [African-Malagasy *Schefflera* \(Araliaceae\), revisited: Expanded sampling reveals insights into morphological and biogeographic patterns](#). Botany 2010 Conference, Providence, RI.

92. Alvarado S.T., E. Buisson, H. Rabarison, C. Rajeriarison, C. Birkinshaw and P. P. Lowry II. 2010. Reintroduction and reinforcement of endangered woody species populations in Mount Ibity savannas, Madagascar. Abstracts of the 7th European Conference of the SER – Society for Ecological Restoration - Europe Chapter.
93. Lowry II. P. P. 2010. 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. *Scripta Bot. Belg.* 48: 65.
94. Callmander, M. C., J. Munzinger, P. P. Lowry II, F. Forest, D. Devey and S. Buerki. 2011. Evolution of the New Caledonian flora: insights from the pantropical family Sapindaceae. Abstracts, International Botanical Congress 2011, Melbourne, Australia.
95. Plunkett, G. M., A. Nicolas and P. P. Lowry II. 2011. Deep-node relationships in Apiales: the role of taxon and character sampling. Abstracts, International Botanical Congress 2011, Melbourne, Australia.
96. Applequist, W. L., A. R. Kuhlman, J. C. Solomon, P. P. Lowry II, R. W. Bussmann and R. E. Magill. 2011. The Missouri Botanical Garden's DNA bank: challenges and opportunities for service to the scientific community. Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
97. Aubriot, X., T. Haevermans, J. Ranaivo and P. P. Lowry II. 2011. Clarifying phylogenetic relationships and biogeographic events within Malagasy *Euphorbia* L. - a textbook example: the endemic subg. *Lacanthis* (Raf.) M.G. Gilbert, the island's most diverse group. Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
98. Aubriot, X., T. Haevermans, J. Ranaivo and P. P. Lowry II. 2011. The contribution of DNA barcoding to the identification of Malagasy *Euphorbia* L. listed in CITES Appendices I and II. Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
99. Gemmill, C., S. Pratt, J. Munzinger, P. P. Lowry II and N. Demetras. 2011. Evolution of the basal angiosperm family Winteraceae on Zealandia. Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
100. Haevermans, T., P. P. Lowry II, G. E. Schatz, W. Applequist, X. Aubriot, A. Haevermans, C. Cruaud, C. Hong-Wa, P. B. Phillipson and G. Rouhan. 2011. Phylogenetic relationships within Sarcolaenaceae (Malvales), Madagascar's largest endemic plant family, based on molecular sequences data. Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
101. Lowry, P. P., II, G. M. Plunkett and D. G. Frodin. 2011. Reinstatement and expansion of the southwest Pacific genus *Plerandra* (Araliaceae). Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
102. Schlessman, M. A., L. B. Vary, J. Munzinger and P. P. Lowry II. 2011. Dioecy in the flora of New Caledonia: incidence, ecological correlates, and origins. Poster abstracts, International Botanical Congress 2011, Melbourne, Australia.
103. Lowry, P. P., II, G. M. Plunkett and C. E. C. Gemmill. 2011. New Caledonia's role as a source area for angiosperm diversification in the Southwest Pacific: evidence from multiple lineages of Apiales. Abstracts 7th International Apiales Symposium, Sydney, Australia, p. 17.
104. Oskolski, A. A., D. D. Sokoloff, G. M. Plunkett and P. P. Lowry II. 2011. The polycyclic androecium of *Plerandra* (Araliaceae): impact of the concave receptacle. Abstracts 7th International Apiales Symposium, Sydney, Australia, p. 23.
105. Plunkett, G. M., P. P. Lowry II and A. N. Nicolas. 2011. Intergeneric relationships in Araliaceae: a new phylogenetic study based on six molecular markers. Abstracts 7th International Apiales Symposium, Sydney, Australia, p. 28.
106. Gemmill, C., J. Munzinger, P. P. Lowry II, S. Pratt and E. Grierson. 2011. [Like needle\(s\) in the haystack: the case of barcoding and the New Caledonian flora](#). Abstracts, Fourth International Barcode of Life Conference, Adelaide, Australia.

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.

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