

CURRICULUM VITAE

David Harold Lorence

National Tropical Botanical Garden
3530 Papalina Road, Kalāheo, Kaua‘i, Hawai‘i 96741 USA
Tel. (808) 332-7324; Fax (808) 332-9765
lorence@ntbg.org

Education

Degrees: Ph.D., Plant Biology, Washington University, St. Louis, MO, 1980
B.A., Botany, University of Wisconsin, Madison, WI, 1970

Appointments

2013—present: Co-director of Science and Conservation and Curator of the Herbarium, NTBG
2002—2013: Director of Science and Curator of the Herbarium, NTBG
1996—2002: Senior Research Botanist and Curator of the Herbarium, NTBG
1994—1996: Director of Research, NTBG
1987—1994: Systematic Botanist and Curator of the Herbarium, NTBG
1988—present: Editor of *Allertonia* (a series of occasional papers)
1984—1987: Associate Curator, Herbario Nacional, Universidad Nacional Autónoma de México (U.N.A.M.) (as Investigador Titular B). Tenure conferred January, 1986
1980—1984: Assistant Curator, Herbario Nacional, U.N.A.M.(as Investigador Titular A)
1971—1976: U.S. Peace Corps Volunteer, Mauritius Herbarium, M.S.I.R.I., Reduit, Mauritius
1970—1971: U.S. Peace Corps Volunteer, Ministry of Agriculture, Mauritius

Foreign Language Abilities

Fluent in Spanish and French (spoken and written), Mauritian Cr  ole (spoken);
read German and Latin.

Teaching Experience

2007—present: Lectures on history of botanical introductions to the Pohnpei Agricultural Station and Flora and vegetation of Pohnpei, at College of Micronesia and Conservation Society of Pohnpei, Pohnpei, F.M.S.
2006: Lecture on cultural landscape and plant introductions to the Pohnpei Agricultural Station. Cultural Landscape and Training Workshop. Pohnpei, F.S.M.
2005: Tropical plant identification classes for U.S.D.A. Forestry Department staff.
2000: Lectures on evolution, biodiversity, and conservation strategies for the Hawaiian flora. Summer school course at Universidad de La Laguna, Canary Is.
1999—present: Lectures and classes on tropical botany, plant classification, and horticulture for NTBG student interns in tropical horticulture.
1998—present: Lectures and classes on systematic botany, tropical plant identification, and conservation biology for courses in tropical botany (Master's level, Uppsala University), tropical ethnobotany, high school science teachers' enrichment, and environmental journalism held at National Tropical Botanical Garden.

- 1997—2002: Graduate advisor and director of Ph.D. thesis for Melany H. Chapin entitled ‘The anatomical and morphological study of fruit ontogeny of selected species within the palm family (Arecaceae) and the taxonomic implications’ (University of San Jose, via NTBG).
- 1994—present: Lectures and classes on botany, tropical plant identification, systematics, and conservation for National Tropical Botanical Garden's interpreter training courses.
- 1987—1992: Lectures on plant taxonomy, collecting, herbarium operation, and Hawaiian Islands natural history for National Tropical Botanical Garden's student intern program
- 1986—1987: Assistant Professor, Facultad de Ciencias, U.N.A.M: Seminar in Taxonomy of Vascular Plants II: Monocots
- 1985—1986: Assistant Professor, Facultad de Ciencias, U.N.A.M.: Seminar in Taxonomy of Vascular Plants
- 1984—1985: Assistant Professor, Facultad de Ciencias, U.N.A.M.: Taxonomy of Vascular Plants
- 1985—1987: Graduate advisor and director of Master's thesis for Hilda Flores Olvera entitled 'A revision of the Mexican species of *Atriplex*' (Facultad de Ciencias, U.N.A.M.)
- 1983—1987: Graduate advisor and director of Master's thesis for Abisaí García Mendoza entitled 'A monograph of *Beschorneria* (Agavaceae)' (Facultad de Ciencias, U.N.A.M.)
- 1980—1983: Advisor and director of B.Sc. thesis for Abisaí García Mendoza entitled 'A floristic and ecological study of the vegetation of a portion of the Sierra de Tamazulapan, District of Teposcolula, Oaxaca' (Facultad de Ciencias, U.N.A.M.)
- 1978: Teaching Assistant, Biology 376 (Spring Flora) (Washington University, St. Louis)
- 1977: Teaching Assistant, Biology 375 (Fall Flora)(Washington University, St. Louis)
- 1971—1976: Instructor for laboratory technicians in botanical microtechnique and histochemistry (Mauritius Sugar Industry Research Institute); instructor for curatorial assistant (Mauritius Herbarium, M.S.I.R.I.) as U.S. Peace Corps Volunteer
- 1970—1971: Instructor for agricultural diversification, and youth club organizer (Ministry of Agriculture, Govt. of Mauritius) as U. S. Peace Corps Volunteer

Academic Honors

- 1986: Jesse M. Greenman Award for the Best Thesis Paper in Plant Systematics
- 1976—1980: Graduate Student Fellowship at Washington University, Division of Biology and Biomedical Sciences

Associate and Affiliate Status

- 2006—present: Affiliate Graduate Faculty, University of Hawaii at Manoa, Botany Department
- 1994—present: Honorary Consultant for Mascarene flora, Waimea Arboretum
- 1993—present: Research Associate, Missouri Botanical Garden
- 1992—present: Research Affiliate in Botany, Bernice P. Bishop Museum
- 1988—2005: Adjunct Assistant Professor, University of Hawaii at Manoa, Department of Botany

Graduate advisees and advisor:

Melany H. Chapin, Hilda Flores Olvera, Abisaí García Mendoza, Maggie Sporck, Stephanie Dunbar, Joanne Birch, Chelsea Osaki (graduate advisees). Alwyn H. Gentry (graduate dissertation advisor)

Membership in Professional Societies and Organizations

Fellow of Linnean Society of London (since 1979). Member: International Association for Plant Taxonomy; American Society of Plant Taxonomists; Sociedad Botánica de México; Asociación Latinoamericana de Botánica; Hawaiian Botanical Society; Koke'e Natural History Museum; Council of Biology Editors; Council on Botanical and Horticultural Libraries

Service

2004—present: Treasurer, Heliconia Society International
1999—present: Board of Directors, Heliconia Society International
1999: Search Committee, Curator of Living Collections position
1995: Search Committee, McBryde Postdoctoral position
1994: Search Committee, McBryde Chair position
1990—present: Kauai County Arborist Advisory Committee
1990—2004: Safety Committee at National Tropical Botanical Garden
1988: Search Committee, Hawaii Plant Conservation Center botanist
1988—1994: Chair, Personnel Committee at NTBG
1987—1994: Education Committee and Planting Committee at NTBG
1987—present: Editorial Committee and Editor-in-chief for *Allertonia*
1987—present: reviewed 25 grant proposals for National Science Foundation
1987—present: reviewed numerous manuscripts for the following journals: American Journal of Botany, Anales del Instituto de Biología (UNAM), Annals of the Missouri Botanical Garden, Biological Conservation, Biological Journal of the Linnean Society, Bishop Museum Press, Boissiera, Botanical Bulletin of Academia Sinica, Brittonia, Brittonia, Novon, Selbyana, Sida, Systematic Botany, Taxon, Tulane University Press.

Grants

2012-2014: Grant (\$92,000) from The Merwin Conservancy for Cataloging and Tagging the William Merwin Palm Collection, Haiku, Maui.
2012-2014: Grant (\$107,841) from Institute of Museum and Library Services (IMLS) for databasing and scanning collection of 15,000 botanical slides to make images available on website.
2011-2014: Grant (\$321,957) from National Science Foundation for collaborative Consortium of Pacific Herbaria—A Research and Collections Network for Oceania, to mount and database backlog, photograph and digitize entire herbarium.
2010: Grant (\$15,000) from The Andrew W. Mellon Foundation for digitizing the type collections and specimens of threatened and endangered Hawaiian plant species in Herbarium PTBG.
2010: Grant (\$11,500) for rugged terrain botanical inventory of Kosrae, Federated States of Micronesia (New York Botanical Garden).

- 2009: Grant (\$8,000) for rugged terrain botanical inventory of Pohnpei and Kosrae, Federated States of Micronesia (New York Botanical Garden).
- 2008—2009: Grant (\$265,497) from National Science Foundation for Enhancement and compactorization of the National Tropical Botanical Garden Herbarium (PTBG) collections.
- 2008: Grant (\$8,000) for rugged terrain botanical inventory of Palau, Micronesia (New York Botanical Garden).
- 2007: Grant (\$8,000) for rugged terrain botanical inventory of Pohnpei, Federated States of Micronesia (New York Botanical Garden).
- 2002—2006: Grant (\$329,981) (private funding source) for botanical inventory of Marquesas Islands (French Polynesia) (with W.L. Wagner).
- 2000—2002: Grant (\$119,350) from U.S. National Park Service to inventory vascular plants in the National Park of American Samoa (with D. Ragone).
- 2000—2001: supplemental funding (\$11,500) and 1-year extension for National Science Foundation grant for upgrade of storage and archival facilities and reduction of unmounted specimen backlog at the herbarium PTBG.
- 1998—2000: Grant (\$68,229) from National Science Foundation for upgrade of storage and archival facilities and reduction of unmounted specimen backlog at the herbarium PTBG.
- 1997—1999: Grant (\$99,996) from National Science Foundation for studying direct and indirect effects of key alien species in a Hawaiian dryland forest community (with S. Weller & R. Cabin).
- 1992: Grant (\$8,000) from State of Hawaii, Department of Land and Natural Resources, to survey Waioli Valley and Makaleha Mountains, Kauai, for rare and endangered plant species.
- 1992: Grant (\$6,300) from U.S. Fish and Wildlife Service to prepare recovery plan for five endangered Kauai plants.
- 1990—1991: Grant (\$7,800) from State of Hawaii, Department of Land and Natural Resources, to survey Wahiawa Stream drainage, Kauai for rare and endangered plant species.
- 1984—1986: CONACYT grant (13,700,000 Mexican pesos) for botanical exploration and collecting in Oaxaca State, as initial phase of Flora de Oaxaca project (at Herbario Nacional, U.N.A.M.)
- 1984: CONACYT grant (141,500 Mexican pesos), and U.N.A.M. subsidy (150,000 M.P.) to study and photograph types of Mexican and Central American Rubiaceae and Monimiaceae at the Museum National d'Histoire Naturelle, Paris
- 1982—1983: U.N.A.M. grant (60,000 Mexican pesos) to study and photograph types of Mexican and Central American Rubiaceae and Monimiaceae at the U.S. National Herbarium and the Missouri Botanical Garden herbarium
- 1981: U.N.A.M. grant (36,200 Mexican pesos) to study and photograph types of Mexican and Central American Rubiaceae and Monimiaceae at the Field Museum and Missouri Botanical Garden herbaria
- 1978—1980: N.S.F. Doctoral dissertation improvement grant DEB 78-09945 (\$9,950) for field work in the Malagasy region and adjacent islands
- 1978—1979: Sigma Xi grant-in-aid of research (\$185) for field work in the Malagasy region

Field Work

Mascarene Islands (1970—1976; 1978—1979, 1991, 1994, 2008); Costa Rica (1977); Madagascar, Seychelles and Comoro Is. (1978—1979; 2008); SE. USA (1976—1980); Mexico (1980—1987); Hawaiian Is. (1987—present); Marquesas Is. (1988; 2003—2004); Australia (1992, 2003); Micronesia [Kosrae, Pohnpei, Palau, Yap] (1996, 1997, 1998, 2005, 2006, 2008, 2009, 2010); New Caledonia (1998); Singapore (1998); Canary Is. (2000); American Samoa (2001); Society Is. (2004); Peru (2008), Greece (2009), Sarawak and Peninsular Malaysia (2010); Costa Rica, Panama, Colombia (2012).

Eponymy

Lorencea Borhidi, Acta Bot. Hung. 45(1-2): 17. 2003.

Ctenitis lorencei Holttum, Kew Bull. 38(1): 123. 1983.

Cylindrocline lorencei A.J.Scott, Kew Bull. 42(2): 476. 1987.

Labordia lorenceana K.R. Wood, W.L. Wagner & T.J. Motley, Syst. Bot. 32(1): 195. 2007

Mexotis lorencei Terrell & H. Robinson, J. Bot. Res. Inst. Texas 3: 67. 2009.

Pandanus lorencei Huynh, Gard. Bull. Singapore 51(2): 166. 1999.

Psychotria lorenciana C.M.Taylor, Novon 12(1): 126. 2002.

Trichomanes lorencei Tardieu-Blot, Adansonia sér. 2, 17(2): 147. 1977.

Publications

1. Julien, H.R., G.C. Soopramanien & D.H. Lorence. 1974. Juvenility, senility, climate and flowering in *Saccharum*. Proceedings of the International Society of Sugar Cane Technologists 15: 984-989.
2. Lorence, D.H. 1976. Notes on some Mascarene species of *Elaphoglossum* (Lomariopsidaceae). Fern Gazette 11: 199-205.
3. Lorence, D.H. 1976. The pteridophytes of Rodrigues Island. Bot. J. Linnean Soc. 72: 269-283.
4. Simberloff, D., P. Dillon, L. King, D. Lorence, S. Lowrie & E. Schilling. 1978. Holes in the doughnut theory: the dispersion of Ant-Lions. Brenesia 14-15: 13-46.
5. Graham, S. & D.H. Lorence. 1978. The rediscovery of *Tetrataxis* J.D. Hooker (Lythraceae). Bot. J. Linnean Soc. 76: 71-82.
6. Lorence, D.H. 1978. The pteridophytes of Mauritius: Ecology and distribution. Bot. J. Linnean Soc. 76: 207-247.
7. Lorence, D.H. 1978. A new species of *Lomariopsis* from Mauritius. Fern Gazette 11: 367-368.
8. Lorence, D.H. 1978. A new species of *Asplenium* from Mauritius. Fern Gazette 11: 369-371.
9. Lorence, D.H. 1980. A Systematic and Eco-evolutionary Study of the Monimiaceae in the Malagasy Region. Ph.D. Thesis, Washington University, St. Louis, 514 pp.
10. Lorence, D.H. 1981. Chromosome number reports for *Lomariopsis variabilis* (Lomariopsidaceae), and *Monimiastrum pygidatum* (Myrtaceae). Taxon 30:706-70 7.
11. Lorence, D.H. 1982. New Monimiaceae from the Malagasy region (SW Indian Ocean). Bull. Mus. Natl. Hist. Nat. (Paris), 4e Ser., 3, 1981, Sect. B., Adansonia 3:293-304.

12. Endress, P.K. & D.H. Lorence. 1983. Diversity and evolutionary trends in the floral structure of *Tambourissa* (Monimiaceae). *Pl. Syst. Evol.* 143:53-81.
13. Lorence, D.H. 1984. First record of *Elaeagia* (Rubiaceae) in Mexico, with description of a new species, *E. uxpanapensis*. *Bol. Soc. Bot. MÈxico* 45:65-69.
14. Lorence, D.H., V.E. Zenger & P. Vinay. 1984. Pollen morphological studies on the Monimiaceae in the Malagasy region. *Grana* 23:11-22.
15. Lorence, D.H. 1984. Hybridization in *Elaphoglossum* in the Mascarene Islands. *Fern Gazette* 12(6):341-350.
16. Lorence, D.H. 1985. A monograph of the Monimiaceae (Laurales) in the Malagasy region (SW Indian Ocean). *Ann. Missouri Bot. Gard.* 72(1):1-165.
17. Taylor, C.M. & D.H. Lorence. 1985. Lectotypification of *Palicourea galeottiana* M. Martens (Rubiaceae), and a new name for this common species. *Taxon* 34(4):667-669.
18. Castillo-Campos, G. & D.H. Lorence. 1985. *Antirhea aromatica* (Rubiaceae, Guettardeae), a new species from Veracruz, Mexico. *Ann. Missouri Bot. Gard.* 72(2):268-271.
19. Ramamoorthy, T.P. & D.H. Lorence. 1985. Citing Flora of Guatemala. *Taxon* 34(3):569-570.
20. Lorence, D.H. 1986. Monimiaceae and Rubiaceae. In, D.E. Breedlove. *Listados Florísticos de México. IV. Flora de Chiapas*. U.N.A.M., México.
21. Lorence, D.H. 1986. The identity of *Portlandia guatemalensis* Standley (Rubiaceae). *Syst. Bot.* 11:209-213.
22. Lorence, D.H. 1986. *Glossostipula* (Rubiaceae), a new genus from Mexico and Guatemala. *Candollea* 41:453-461.
23. Lorence, D.H. & M. Rodríguez Acosta. 1986. *Randia guerrerensis* (Rubiaceae), una nueva especie de Guerrero, México. *Biotica* 11(3):195-199.
24. Lorence, D.H. & R.W. Sussman. 1986. Exotic species invasion into Mauritius wet forest remnants. *J. Trop. Ecol.* 2(2):147-162.
25. Lorence, D.H. 1987. The fruits of *Decarydendron* (Monimiaceae). *Ann. Missouri Bot. Gard.* 74(2):445-446.
26. Lorence, D.H. 1987. Systematics of the genus *Siparuna* (Monimiaceae, Siparunoideae) in Mexico, with descriptions of two new species. *An. Inst. Biol., U.N.A.M.* 54(1983), Ser. Bot.:159-172. 1983.
27. Lorence, D.H. & J.D. Dwyer. 1987. New taxa in Mexican *Psychotria* (Rubiaceae, Psychotrieae). *Bol. Soc. Bot. México* 47:49-64.
28. Lorence, D.H. & J.D. Dwyer. 1987. New taxa and a new name in Mexican and Central American *Randia* (Rubiaceae, Gardenieae). *Bol. Soc. Bot. México* 47:37-48.
29. Lorence, D.H. & M. Nee. 1987. *Randia retroflexa*, a new species of Rubiaceae from southern Mexico. *Brittonia* 39(3):371-375.
30. Lorence, D.H. 1987. *Hillebrandia sandwicensis*, the Hawaiian Begonia. *Bull. Pacific Trop. Bot. Gard.* 17(4):130-132.
31. Ramamoorthy, T.P. & D.H. Lorence. 1987. Species vicariance in the Mexican flora. *Andansonia* n.s., 2, Ser. 9:167-175.
32. Lorence, D.H. & R. Torres Colin. 1988. *Carica cnidoscoloides*, a new species of Caricaceae from southern Mexico. *Syst. Bot.* 13(1):107-110.

33. Lorence, D.H. & R.W. Sussman. 1988. Diversity, density, and invasion in a Mauritian wet forest. *Monogr. Syst. Bot. Missouri Bot. Gard.* 25:187-204.
34. Lorence, D.H. & J.D. Dwyer. 1988. A revision of *Deppea* (Rubiaceae). *Allertonia* 4(7): 389-436.
35. Lorence, D.H., W.L. Wagner, and D. Herbst. 1988. Plant Taxonomy in the Hawaiian Islands. In, C. Stone et al. (editors), *Conservation Biology in Hawaii*, pp. 43-47. University of Hawaii Press.
36. Lorence, D.H. 1988. A botanical sailing expedition to Molokai. *Bull. Pacific Trop. Bot. Gard.* 18(2-3): 54-57.
37. Lorence, D.H. & G. Castillo Campos. 1988. Tres nuevas especies y una nueva combinación en el género *Rondeletia* (Rubiaceae, Rodeletieae) de Veracruz y Oaxaca, México. *Biotica* 13:147-157.
38. Lorence, D.H. 1988. Floral biology and breeding systems of *Tambourissa* (Monimiaceae) on Mauritius (Mascarene Islands). *Am. J. Bot.* 75(6, part 2):191.
39. Mata, R., L. Rios, M.R. Camacho, M.T. Reguero, and D.H. Lorence. 1988. Terpenoids from *Cigarrilla mexicana*. *Phytochemistry* 27:1987-1989.
40. Lorence, D.H. & A. García Mendoza. 1989. Oaxaca, Mexico. In, D.G. Campbell (editor), *The World Wildlife Fund (U.S.) World Strategy for the Inventory of Tropical Forests*, pp. 253-269. New York Botanical Garden.
41. Terrell, E.E. & D.H. Lorence. 1989. *Hedyotis galeottii* (Rubiaceae), a new combination for a Mexican species. *Phytologia* 66:1-4.
42. Lorence, D.H. 1989. The Namolokama expedition. *Bull. National Trop. Bot. Gard.* 19 (2):37-45.
43. Lorence, D.H. 1990. A phylogenetic list of the genera of Rubiaceae in Mexico. *Acta Botanica Mexicana* 12:1-8.
44. Lorence, D.H. & G. Ibarra Manríquez. 1990. La Familia Rubiaceae en la región de Los Tuxtlas, Veracruz, México. *Bol. Soc. Bot. México* 50:43-68.
45. Lorence, D.H. 1991. New species and combinations in Mexican and Central American *Rondeletia* (Rubiaceae). *Novon* 1:135-157.
46. Lorence, D.H. 1991. A Mascarene Island interlude. *Bull. National Trop. Bot. Gard.* 21(4):1-7.
47. Jérémie, J. & D.H. Lorence. 1991. Six nouvelles espèces de *Tambourissa* (Monimiaceae) de Madagascar. *Bull. Mus. Natl. Hist. Nat. (Paris)*, 4é ser., sect. B. *Adansonia* 13(3-4):131-146.
48. Lorence, D.H. & T. Flynn. 1991. Botanical survey of the Wahiawa Drainage, Kauai. Final Report. State of Hawaii, Department of Land and Natural Resources, Division of Forestry and Wildlife.
49. Lorence, D.H. & R.E. Vaughan. 1992. Annotated Bibliography of Mascarene Plant Life. National Tropical Botanical Garden, Lawai, Hawaii. 274 pp.
50. Lorence, D.H. Monimiaceae. 1992. In, Royal Horticultural Society Dictionary of Gardening.
51. Lorence, D.H. 1992. A visit down under. *Bull. National Trop. Bot. Gard.* 22:57-62.
52. Taylor, C.M. & D.H. Lorence. 1992. Notes on *Psychotria* subgenus *Heteropsychotria* (Rubiaceae: Psychotrieae) in Mexico and northern Central America. *Novon* 2(3):55-59.

53. Lorence, D.H. 1992. Recovery plan for Wahiawa Plant Cluster. Final report, submitted to U.S. Fish and Wildlife Service.
54. Lorence, D.H. & J.D. Dwyer. 1993. New species of *Manettia* (Rubiaceae) from Mesoamerica. *Novon* 3(1): 59-62.
55. Lorence, D.H. & T. Flynn. 1993. Botanical survey of the upper Waioli Valley, Kauai. Final report submitted to the State of Hawaii, Department of Land and Natural Resources, Division of Forestry and Wildlife.
56. Lorence, D.H. & T. Flynn. 1993. Botanical survey of the Makaleha Mountains, Kauai. Final report submitted to the State of Hawaii, Department of Land and Natural Resources, Division of Forestry and Wildlife.
57. Taylor, C.M. & D.H. Lorence. 1993. On the status of *Randia armata* (Sw.) DC. (Rubiaceae: Gardenieae). *Taxon* 42: 865-867.
58. Lammers, T.G. & D.H. Lorence. 1993. A new species of *Cyanea* (Campanulaceae: Lobelioideae) from Kaua'i, and the resurrection of *C. remyi*. *Novon* 3: 431-436.
59. Lorence, D.H. 1994. New species in Mexican and Mesoamerican Rubiaceae. *Novon* 4: 119-136.
60. Lorence, D.H. & K.R. Wood. 1994. *Kanaloa*, a new genus of Fabaceae (Mimosoideae) from Hawaii. *Novon* 4: 137-145.
61. Lorence, D.H., T. Flynn & W.L. Wagner. 1995. Contributions to the Flora of Hawai'i. III. New additions, range extensions, and rediscoveries. *Bernice P. Bishop Museum Occasional Papers* 41: 19-58.
62. Lorence, D.H. & W.L. Wagner. 1995. Another new, nearly extinct species of *Hibiscadelphus* (Malvaceae) from the Hawaiian Islands. *Novon* 5(2): 183-187.
63. Lorence, D.H. 1996. A new species of *Nototrichium* (Amaranthaceae) from Kaua'i, Hawaiian Islands. *Novon* 6(1): 64-67.
64. Lorence, D.H. 1996. Report on Zingiberales collections at the National Tropical Botanical Garden, July 1996. *Heliconia Society International Bull.* 8(3/4): 9-10.
65. Lorence, D.H. & W.L. Wagner. 1996. A new species of *Chamaesyce* sect. *Sclerophyllae* (Euphorbiaceae) from Kaua'i. *Novon* 6(1): 68-71.
66. Kiehn, M. & D.H. Lorence. 1996. Chromosome counts on angiosperms cultivated at the National Tropical Botanical Garden, Kauai, Hawaii. *Pacific Science* 50(3): 317-323.
67. Lorence, D.H. 1997. New taxa, a new name, and a new combination in Rubiaceae from southern Mexico and Central America. *Novon* 7: 46-58.
68. Florence, J. & D.H. Lorence. 1997. Introduction to the flora and vegetation of the Marquesan Archipelago. *Allertonia* 7(4): 226-237.
69. Lorence, D.H. & W.L. Wagner. 1997. A revision of *Lepinia* (Apocynaceae) with description of a new species from the Marquesas Islands. *Allertonia* 7(4): 254-266.
70. Endress, M.E., D.H. Lorence, & P.K. Endress. 1997. Structure and development of the gynoecium in *Lepinia marquisensis* and its systematic position in the Apocynaceae. *Allertonia* 7(4): 267-272.
71. Wagner, W.L. & D.H. Lorence 1997. Studies of Marquesan Vascular Plants: Introduction. *Allertonia* 7(4): 221-225.
72. Lorence, D.H. & T. Flynn. 1997. New naturalized plant records for the Hawaiian Islands. *Bishop Museum Occasional Papers* 49: 9-13.

73. Lorence, D. H. 1998. New species and combinations in Mesoamerican *Randia* (Rubiaceae, Gardenieae). *Novon* 8: 247-251.
74. Carr, G.D. & D.H. Lorence. 1998. A new species of *Dubautia* (Asteraceae--Madiinae) from Kaua`i, Hawaiian Islands. *Novon* 8: 4-7.
75. Wagner, W.L. & D.H. Lorence. 1998. A new species of *Wikstroemia* (Thymeliaceae) from Hiva Oa, Marquesas Islands. *Novon* 8: 318-320.
76. Wagner, W.L. & D.H. Lorence. 1998. A new, dioecious species of *Hedyotis* (Rubiaceae) from Kaua`i, Hawaiian Islands, and the taxonomy of *Hedyotis schlechtendahlianana* resolved. *Novon* 8: 311-317.
77. Lorence, D.H. & M. H. Chapin. 1998. Report on Zingiberales collections at the National Tropical Botanical Garden, July 1997. *Heliconia Society International Bulletin* 3(3): 5.
78. Flynn, T. & D. H. Lorence. 1998. New naturalized plant records for the Hawaiian Islands. *Bishop Museum Occasional Papers* 56: 5-6.
79. Lorence, D.H. 1998. Monimiaceae. In, J. Bosser et al. (eds.), *Flore des Mascareignes*, family 152: 1-32. MSIRI (Mauritius), IRD (ex-ORSTOM, Paris) & Kew (U.K.).
80. Lorence, D.H. 1999. A Nomenclator of Mexican and Central American Rubiaceae. *Missouri Botanical Garden Monograph Series* 73: 1-177.
81. O'Malley, A. E. & D. H. Lorence. 1999. A tale of seven mallow trees in Hawai`i. *Tropical Flowering Tree Society Newsletter*, winter 1999: 1-2.
82. Lorence, D. H. 1999. A new species of *Ephippiandra* (Monimiaceae: Monimioideae) from Madagascar. *Adansonia*, ser 3: 21: 133-136.
83. Ewel, J. J., D. J. O'Dowd, J. Bergelson, C. C. Daehler, C. M. D'Antonio, L D. Gómez, D. R. Gordon, R. J. Hobbs, A. Holt., K. R. Hopper, C. E. Hughes, M. LaHart., R. R. B. Leaky, W. G. Lee, L. L. Loope, D. H. Lorence, S. M. Louda, A. E. Lugo, P. B. McEvoy, D. M. Richardson, & P. M. Vitousek. 1999. Deliberate introductions of species: research needs. *BioScience* 49 (8): 619-630.
84. Lorence, D. H. 1999. Two new species of *Mollinedia* (Monimiaceae: Monimioideae) from Southern Mexico. *Candollea* 54: 433-438.
85. Lorence, D. H. & T. Flynn. 1999. New naturalized plant records for the Hawaiian Islands. *Bishop Museum Occasional Papers* 59: 3-6.
86. Wagner, W. L. & D. H. Lorence. 1999. A revision of *Trimenia* Seemann (Trimeniaceae) from the Marquesas Islands with description of a new species, *Trimenia nukuhivensis*. *Adansonia* 21: 225-230.
87. Cabin, R. J., S. Weller, D. Lorence, and L. Hadway. 1999. Restoring tropical dry forests with direct seeding: the effects of light, water, and weeding (Hawaii). *Ecological Restoration* 17:237-238.
88. Chapin, M. H. & D. H. Lorence. 2000. Developing a tropical botanical garden palm collection. *Palms* 44(3): 121-126.
89. Cabin, R. J., S. G. Weller, D. H. Lorence, T. W. Flynn, A. K. Sakai, D. Sandquist, & L. J. Hadway. 2000. Effects of long-term ungulate exclusion and recent alien species control on the preservation and restoration of a Hawaiian tropical dry forest. *Conservation Biology* 14(2): 439-453.
90. Wagner, W. L. & D. H. Lorence. 2000. A reassessment of *Cyrtandra kealiae* and *C. limahuliensis* (Gesneriaceae). *Bishop Mus. Occas. Pap.* 63: 17—20.

91. Florence, J. & D. H. Lorence. 2000. *Sertum polynesianum* VI. Rubiaceae nouvelles des îles Marquises (Polynésie française) 2. Le genre *Hedyotis*. *Adansonia*, sér. 3, 2000, 22(2): 223-230.
92. Lorence, D.H. & C. M. Taylor. 2001. Rubiacearum Americanarum Magna Hama, Pars I. A New species of *Chomelia* from Panama. *Novon* 11: 123—125.
93. Taylor, C. M. & D. H. Lorence. 2001. Rubiacearum Americanarum Magna Hama, Pars II. New and newly circumscribed taxa of *Guettarda* (Guettardeae). *Novon* 11: 126—133.
94. Lorence, D.H. 2001. Monimiaceae. In, W.D. Stevens, Carmen Ulloa Ulloa, Amy Pool and Olga Martha Montiel. (eds.) *Flora de Nicaragua*. Monographs in Systematic Botany from the Missouri Botanical Garden 85: 1508--1513.
95. Wagner, W. L., K. R. Wood & D. H. Lorence. 2001. A new species of *Cyrtandra* (Gesneriaceae) from Kaua`i, Hawaiian Islands. *Novon* 11: 146—152.
96. Ragone, D., D. H. Lorence & T. Flynn. 2001. History of plant introductions to Pohnpei, Micronesia and the role of the Pohnpei Agricultural Station. *Economic Botany* 55(2): 290—324.
97. Lorence, D. H. 2001. Paradise Lost? The Magical Marquesas. *Plant Talk* 25: 26—30.
98. Chapin, M. H., D. H. Lorence, S. Perlman & K. R. Wood. 2001. Support for the conservation of endemic Pacific palms through ex situ collections at the National Tropical Botanical Garden, Hawaii, U.S.A. *Botanic Gardens Conservation News* 3(6): 46—48.
99. Lorence, D. H. & M. H. Chapin. 2002. Zingiberales collections at the National Tropical Botanical Garden: 2000—2001 report. *Heliconia Society International Bulletin* 10(4): 6—7.
100. Flynn, T. & D. H. Lorence. 2002. Additions to the Flora of the Hawaiian Islands. *Bishop Mus. Occ. Pap.* 69: 14-16.
101. Cabin, R. J., S. G. Weller, D. H. Lorence, S. Cordell & L. J. Hadway. 2002. Effects of microsite, water, weeding, and direct seeding on the regeneration of native and alien species within a Hawaiian dry forest preserve. *Biological Conservation* 104: 181—190.
102. Cordell, S., R.J., Cabin, S.G. Weller, & D.H Lorence. 2002. Simple and Cost-Effective Methods to Control Fountain Grass in Dry Forests (Hawaii). *Ecological Restoration* 20: 139-140.
103. Lorence, D. H. & S. Razafinadimbison. 2002. A new species of *Decarydendron* (Monimiaceae) from Madagascar. *Adansonia*, sér. 3, 24(1): 107—111.
104. Cabin, R. J., S. G. Weller, D. H. Lorence, S. Cordell, L. Hadway, R. Montgomery, D. Goo & A. Urakami. 2002. Effects of light availability, alien grass, and native species additions on Hawaiian dry forest. *Ecological Applications* 12: 1595—1610.
105. Lorence, D. H. 2002. *Tambourissa manongarivensis* Lorence (Monimiaceae), a new species from Madagascar. *Candollea* 57: 71—75.
106. Lorence, D. H. 2003. Hawai`i's Ferns and Fern Allies, by Daniel D. Palmer. *Plant Talk* 32: 11. (Book review).
107. Rouhan, G. & D. H. Lorence. 2003. Lectotypifications in Mascarene *Elaphoglossum* Schott ex J. Smith (*Lomariopsidaceae*): *E. heterolepis* (Fée) T.Moore and *E. tomentosum* (Bory ex Willd.) H.Christ. *Taxon* 52: 837—840.
108. Ragone, D. & D. H. Lorence. 2003. Botanical and Ethnobotanical Inventory of the National Park of American Samoa. Report to the U. S. National Park Service. 98 pp. with

- appendices; 13 DVDs with 23 hours of footage of ethnobotanical and cultural practices and interviews; color photographs of 102 species; transect data from three islands (Ofu, Olosega, and Ta'u).
109. Lorence, D. H. 2004. The Marquesas Revisited. *Plant Talk* 35: 46—47.
 110. Lorence, D. H. & Gemmill, C. 2004. *Pritchardia flynnii* (Arecaceae), a new endemic species from Kaua'i, Hawaiian Islands. *Novon* 14: 185—189.
 111. Lorence, D. H. & G. Rouhan. 2004. A revision of the Mascarene species of *Elaphoglossum* (Lomariopsidaceae). *Ann. Missouri Bot. Gard.* 91: 536—565.
 112. Endress, P. K. & D. H. Lorence. 2004. Heterodichogamy of a novel type in *Hernandia* (Hernandiaceae) and its structural basis. *Int. J. Pl. Sci.* 165: 753—763.
 113. Lorence, D. H. 2005. New species and combinations in Mesoamerican and Mexican Rondeletiaeae (Rubiaceae). *Novon* 15: 447—451.
 114. Lorence, D. H. 2005. Garden assembles exceptional collection of Rubiaceae. *Plant Talk* 40: 46-47.
 115. Terrell, E. E., H. E. Robinson, W. L. Wagner & D. H. Lorence. 2005. Resurrection of genus *Kadua* for Hawaiian Hedyotidinae (Rubiaceae), with emphasis on seed and capsule characters and notes on South Pacific species. *Syst. Bot.* 30: 818—833.
 116. Lorence, D. H. & W. L. Wagner. 2005. A revision of *Psychotria* (Rubiaceae) in the Marquesas Islands (French Polynesia). *Allertonia* 9: 1—37.
 117. Lorence, D. H. & T. Flynn. 2005. Botanical Survey of the Yela River Valley, Kosrae, F.S.M. Report submitted to the Institute of Pacific Islands Forestry, USDA, Forest Service (19 pages).
 118. Meyer,J.-Y., D. H. Lorence & K. Wood. 2006. Flore et vegetation de la vallée de Hakahetau (Ua Pou, Marquises). Contribution à la Biodiversité de Polynésie française No. 14. Sites Naturels d'Intérêt Ecologique VI. Délegation à la Recherche/National Tropical Botanical Garden. Papeete. 22 pages.
 119. Spennemann, Dirk H.R. & Lorence, David H. 2006. Weed Infestation and its impact on the preservation of a Japanese-era Concrete building in Micronesia: the Agricultural Research Station, Pwunso, Nett, Pohnpei. *Micronesian Journal of the Humanities and Social Sciences* vol. 5 (1/2): 458-471.
 120. Lorence, D. H. & T. Flynn. 2006. New naturalized plant records for Kaua`i and Hawai`i. *Bishop Museum Bulletin Occasional Papers* 88: 1—5.
 121. Endress, M. E., R. W. J. M. van der Ham, S. Nilsson†, L. Civeyrel, M. W. Chase, B. Sennblad, K. Potgieter, J. Joseph, M. Powell, D. Lorence, Y.-M. Zimmerman and V. A. Albert. 2007. A Phylogenetic Analysis of Alyxieae (Apocynaceae) Based on *rbcL*, *matK*, *trnL* Intron, *trnL*-K Spacer Sequences, and Morphological Characters. *Ann. Missouri Bot. Gard.* 94(1): 1—35.
 122. Lorence, D. H. & S. Perlman. 2007. A new species of *Cyrtandra* (Gesneriaceae) from Hawai`i, Hawaiian Islands. *Novon* 17: 357—361.
 123. Lorence, D. H., W. L. Wagner, A. Mouly & J. Florence. 2007. Revision of *Ixora* (Rubiaceae) in the Marquesas Islands (French Polynesia). *Botanical Journal of the Linnean Society* 155: 581—597.
 124. Rouhan, G., D. H. Lorence, T. J. Motley, J. Garrison Hanks & R. C. Moran. 2008. Systematic revision of *Elaphoglossum* (Dryopteridaceae) in French Polynesia, with description of three new species. *Botanical Journal of the Linnean Society* 158: 309-331.

125. Hillmann-Kitalong, A., R. A. Demeo, T. Holm, C. Costion, D. Lorence & T. Flynn. 2008. Plants of Palau: provisional checklist of the vascular plants of Palau with habitat, form, status, and Palauan names. In, A. Hillmann-Kitalong, R. A. DeMeo, & T. Holm, *A Field Guide to Native Trees of Palau*, 236 p.
126. Balick, M. J., D. H. Lorence, D. Lee Ling, & W. Law. 2009. Plants and People of Pohnpei: An Overview. Chapter 1, p. 1-39, in *The Ethnobotany of Pohnpei: Plants, People and Island Culture*. Edited by Michael J. Balick. University of Hawaii Press and New York Botanical Garden, 585 p.
127. Lorence, D. H. and T. Flynn. 2009. Checklist of the vascular plants of Pohnpei. Chapter 9, p. 524-566 in *The Ethnobotany of Pohnpei: Plants, People and Island Culture*. Edited by Michael J. Balick. University of Hawaii Press and New York Botanical Garden, 585 p.
128. Lorence, D. H. 2009. Lectotypification of *Didymaea mexicana* Hook. f. (Rubiaceae) and the identity of *D. alsinoides* (Schltdl. & Cham.) Standl. *Acta Botanica Mexicana* 88: 73-79.
129. Lorence, D. H. 2009. *Stenaria sanchezii* (Rubiaceae), a new and endangered species from Sonora, Mexico. *Journal of the Botanical Research Institute of Texas* 3(2): 521-525.
130. Ebihara, A., J. Nitta, D. H. Lorence & J.-Y. Dubuisson. 2009. New Records of *Polyphlebium borbonicum*, an African filmy fern, in the New World and Polynesia. *American Fern Journal* 99: 200-206.
131. Lorence, D. H., W. L. Wagner, and W. G. Laidlaw. 2010. *Kadua haupuensis* (Rubiaceae: Spermacoceae), a new endemic species from Kauai`i, Hawaiian Islands. *Brittonia* 61(4): 137-144.
132. Taylor, C. M. & D. H. Lorence. 2010. Rubiacearum Americanarum Magna Hama Pars XX: Notable New Species of *Appunia*, *Patima*, and *Rosenbergiodendron*. *Novon* 20: 95-105.
133. Lorence, D. H. 2010. Conservation Centers of the Heliconia Society International. *Bulletin Heliconia Society International* 16: 12-15.
134. Taylor, C. M., D. H. Lorence & R. E. Gereau. 2010. Rubiacearum Americanarum Magna Hama Pars XXV: the nocturnally flowering *Psychotria domingensis-Coussarea hondensis* group plus three other Mesoamerican *Psychotria* Species transfer to *Palicourea*. *Novon* 20: 481-492.
135. Herrera, K., D. H. Lorence, T. Flynn, & M. J. Balick. 2010. Checklist of the vascular plants of Pohnpei, Federated States of Micronesia with local names and uses. *Allertonia* 10: 1-204.
136. Weller, S. G., R. J. Cabin, D. H. Lorence, S. Perlman, K. Wood, T. Flynn, & A. Sakai. 2010. Alien plant invasions, introduced ungulates, and alternative states in a mesic forest in Hawaii. *Restoration Ecology* 18(2): 1—10. (first published online: 12 March 2010).
137. Snow, N., Ranker, T. A. & D. H. Lorence. 2011. Taxonomic changes in Hawaiian ferns and lycophytes. *Bishop Museum Occasional Papers* 109: 11-16.
138. Martínez-Camilo, R., N. Martínez-Melendez, M. A. Perez-Farrera, & D. H. Lorence. 2011. Una nueva especie de *Pseudomiltemia* (Rubiaceae) de Chiapas, México. *Brittonia* 63: 197-202.
139. D. H. Lorence & Wagner, W. L. 2011. *Weinmannia marquesana* var. *angustifolia* (Cunoniaceae) a new variety from the Marquesas Islands. *PhytoKeys* 4: 61-66. doi: 10.3897/phytokeys.4.1605

140. Lorence, D. H. & W. L. Wagner. 2011. Revision of *Kadua* (Rubiaceae) in the Marquesas Islands, French Polynesia, with description of a new species *K. lichtlei*. *PhytoKeys* 4: 125-138. doi: 10.3897/phytokeys.4.1601
141. Lorence, D. H. & W. L. Wagner. 2011. *Oxalis simplicifolia* (Oxalidaceae), an unusual new unifoliolate species from the Marquesas Islands (French Polynesia). *PhytoKeys* 4: 53-60. doi: 10.3897/phytokeys.4.1604
142. Lorence, D. H., W. L. Wagner, K. R. Wood & A. R. Smith. 2011. New pteridophyte species and combinations from the Marquesas Islands, French Polynesia. *PhytoKeys* 4: 5-51. doi: 10.3897/phytokeys.4.1602
143. Lorence, D. H. & J.-F. Butaud. 2011. A Reassessment of Marquesan *Ochrosia* and *Rauvolfia* (Apocynaceae) with two new combinations. *PhytoKeys* 4: 95-107. doi: 10.3897/phytokeys.4.1599
144. Wagner, W. L. & D. H. Lorence. 2011. Revision of *Coprosma* (Rubiaceae, tribe Anthospermeae) in the Marquesas Islands. *PhytoKeys* 4: 109-124. doi: 10.3897/phytokeys.4.1600
145. Wagner, W. L. & D. H. Lorence. 2011. Two new Marquesan species of the southeastern Polynesian genus *Oparanthus* (Asteraceae, Subtribe Coreopsisidinae). *PhytoKeys* 4: 139-148. doi: 10.3897/phytokeys.4.1603
146. Wagner, W. L. & D. H. Lorence. 2011. A nomenclator of Pacific oceanic island *Phyllanthus* (Phyllanthaceae) including *Glochidion*. *PhytoKeys* 4: 67-94. doi: 10.3897/phytokeys.4.1581
147. Costion, C. M. & D. H. Lorence. 2012. The endemic plants of Micronesia: a geographical checklist and commentary. *Micronesica* 42: 51-100.
148. Lorence, D. H. & C. M. Taylor. 2012. Rubiaceae. In, G. Davidse, M. Sousa S., S. Knapp & F. Chiang (eds.) *Flora Mesoamericana* 4(2): 1-288. St. Louis, MO [treatments of 122 genera and 852 species, in Spanish].
149. Oppenheimer, H. & D. H. Lorence. 2012. A new species of *Cyanea* (Campanulaceae, Lobelioideae) from Maui, Hawaiian Islands. *PhytoKeys* 13: 15–23, doi:10.3897/phytokeys.13.3447
150. Lorence, D. H. & K. R. Wood. 2012. *Psychotria kosraensis* (Rubiaceae), A New Species from Kosrae, Caroline Islands, Micronesia. *Novon* 22(1): 51-55.
151. Lorence, D. H. 2012. Conservation centers of the Heliconia Society International: report for 2012. *The Bulletin, Heliconia Society International* 18(3): 6-9.
152. Bobrov, A. V. F. Ch., D. H. Lorence, M. S. Romanov, & E. S. Romanova. 2012. Fruit development and pericarp structure in *Nypa fruticans* Wurmb (Arecaceae): a comparison with other palms. *International J. Plant Sciences* 173: 751–766.
153. Wagner, W. L., A. J. Wagner & D. H. Lorence. 2013. Revision of *Cyrtandra* (Gesneriaceae) in the Marquesas Islands. *Phytokeys* 30: 33–64. doi: 10.3897/phytokeys.30.6147.
154. Lorence, D. H., R. Aguraiuja & K. R. Wood. 2014. Taxonomic reassessment and conservation status of three Kaua`i species of *Asplenium* in the *Diellia* alliance. *American Fern Journal* 103: 166–174.
155. Pynee, K. & D. H. Lorence. 2014. First record and distribution of *Heliotropium currassavicum* L. (Boraginaceae) in the Mascarene Islands. *Phelsuma* 22: 6–8.

156. Wagner, W. L., J. R. Clark & D. H. Lorence. 2014. Revision of endemic Marquesas Islands *Bidens* (Asteraceae, Tribe Coreopsideae). *Phytokeys* 38: 37—67. doi: 10.3897/phytokeys.38.7609
157. Lorence, D. H. 2014. The green giant: *Heliconia solomonensis*. *Heliconia Society International Bulletin* 20 (1): 6–7.
158. Castillo-Campos, G., A. P. Bautista-Bello & D. H. Lorence. 2014. *Hoffmannia rzedowskiana* (Rubiaceae), una nueva especie del sur de México y Nicaragua. *Acta Botanica Mexicana* 108: 39-49.

Submitted and in press

1. Lorence, D. H. K. R. Wood, S. P. Perlman & J-Y. Meyer. Flora and Vegetation of the Marquesas, and Threatened native flora of the Marquesas Islands (Southeastern Polynesia): proposed conservation status and critical areas for plant conservation (accepted in: *Ouvrage sur la biodiversité des Marquises*. Papeete, Tahiti).
2. Lorence, D. H., J. Florence & J-Y. Meyer. Flora and vegetation of the Marquesas Islands. (accepted in *Ouvrage sur la biodiversité des Marquises*. Papeete, Tahiti).
3. Lorence, D. H & J-Y. Meyer. *Psychotria paulae* (Rubiaceae), a new species from Tahiti (submitted to *Adansonia*).
4. Lorence, D. H. & W. L. Wagner. *Heliotropium perlmanii* (Boraginaceae), a new species from the Marquesas Islands (French Polynesia). (submitted to *PhytoKeys*).
5. Pynee, K. B., D. H. Lorence & Poojanraj Khurun. The sole endemic Amaranthaceae *Aerva congesta* Balf. f. ex Baker in the Mascarenes is in danger. (submitted to *Journal of Endangered Taxa*).

August 2014