

Biographical Sketch - LESLIE R. LANDRUM

Herbarium Curator, School of Life Sciences, Arizona State University, Box 874501, Tempe, AZ 85287-4501.

Phone: (480) 965-4679.

Fax: (480) 965-6899.

e-mail: les.landrum@asu.edu

Education and Professional Experience:

B.S., 1969, Forest Botany, New York State College of Forestry at Syracuse University, Syracuse, New York.

M.S., 1975, Systematic Botany, University of Michigan, Ann Arbor, Michigan.

PhD., 1980, Systematic Botany, University of Michigan, Ann Arbor, Michigan.

1980 -1983, B. A. Krukoff Research Associate at the New York Botanical Garden, Bronx, New York.

1983 - 1986, Tilton Fellow at the California Academy of Sciences, San Francisco, California.

1986-1990, Herbarium Curator, Department of Plant Biology, Arizona State University, Tempe, Arizona.

1990-2003, Associate Research Scientist/Herbarium Curator, Department of Plant Biology, Arizona State University, Tempe, Arizona.

2003-2014, Senior Research Scientist/Herbarium Curator, School of Life Sciences, Arizona State University, Tempe, Arizona.

2014-Present, Emeritus Senior Research Scientist/Herbarium Curator, School of Life Sciences, Arizona State University, Tempe, Arizona.

Recent Professional Activities:

Member of the Editorial Board of the Vascular Plants of Arizona Project (1988-present).

Co-editor of the Journal of the Arizona-Nevada Academy of Science, flora issues only (1991-2005).

Member of the Assembly of Delegates of the Organization for Tropical Studies (1999-2010).

Member of the Editorial Board of the Memoirs of the New York Botanical Garden (1985-1990 term).

Member of the Commission of the Organization for Flora Neotropica (1986-present).

Editorial Board of Flora Neotropica Monographs (1990-1995).

Member of the Systematic Botany Monographs Committee (1991-1996).

Fulbright Scholar in Paraguay and Brazil, 1995.

Member of the editorial board of Bonplandia (botanical journal in Argentina), 2003-present.

Research Interests: Several seasons of fieldwork in Latin America and Arizona. Flora and phytogeography of temperate South America, flora of Arizona, American Myrtaceae, South American Berberidaceae, biodiversity informatics.

Teaching Activities: Trees and Shrubs of Arizona or Sonoran Desert Field Botany (most years); various seminars and classes taught irregularly (e.g., Taxonomic Revisions, Nomenclature, Neotropical Plant Systematics).

Graduate Student Committees:

Past co-chair: J. Bricker, K. Rice, C. Christy, G. Imdorf, C. Shohet, J. Buegge, S. Pilversack, A. Trauth, G. Walters, E. Gilbert, A. Salywon, E. Makings, Bethany Lester, Darin Jenke, Douglas Newton, Anne Barber, Francis Coburn.

Publications:

- 1) Donoso, C. and L. R. Landrum. Manual de identificación de especies leñosas del bosque humedo de Chile. Published by the Corporación Nacional Forestal, Santiago, Chile. 168 pages. 1974.
- 2) Landrum, L. R. Un híbrido entre *Myrceugenia exsucca* y *Myrceugenia lanceolata*. Facultad de Ciencias Forestales, Universidad de Chile. Bol. Téc. No. 30:5-10. 1975.
- 3) Landrum, L. R. and T. J. Nimlos. Gradientes florales y morfología asociada del suelo de la Reserva Forestal de Malalcahuello, Chile. Facultad de Ciencias Forestales, Universidad de Chile. Bol. Téc. No. 35:1-59. 1975.
- 4) Estabrook, G. F. and L. R. Landrum. A simple test for the possible simultaneous evolutionary divergence of two amino acid positions. Taxon 24:609-613. 1975.
- 5) Donoso, C. and L. R. Landrum. *Nothofagus leoni*: hibridación e introgresión en poblaciones de *Nothofagus obliqua* y *Nothofagus glauca*. Facultad de Ciencias forestales, Universidad de Chile. Bol. Téc. No. 36:1-29. 1976.
- 6) Buck, W. R. and L. R. Landrum. A new species of *Astomiopsis* (Ditrichaceae). The Bryologist 30:359-362. 1978.
- 7) Landrum, L. R. and R. McVaugh. *Calceolaria mexicana* and *Calceolaria tripartita* in Mexico. Contr. Univ. Mich. Herb. 11(5): 284-288. 1978.
- 8) Donoso, C. and L. R. Landrum. *Nothofagus leoni* Espinosa, a natural hybrid between *Nothofagus obliqua* (Mirb.) Oerst. and *Nothofagus glauca* (Phil.) Krasser. N. Z. Journal of Botany 17:353-360. 1979.
- 9) Landrum, L. R. New species and new combinations in *Myrceugenia* (Myrtaceae). Brittonia 32(3):372-375. 1980.
- 10) Landrum, L. R. The phylogeny and geography of *Myrceugenia* (Myrtaceae). Brittonia 33(1):105-129. 1981.
- 11) Landrum, L. R. Book review of - Flora de la Cuenca de Santiago de Chile, by L. E. Navas. Brittonia 33(4): 497. 1981.

- 12) Landrum, L. R. A monograph of the genus *Myrceugenia* (Myrtaceae). Flora Neotropica Monographs 29. 137 pages. 1981.
- 13) Landrum, L. R. The development of the fruits and seeds of *Campomanesia* (Myrtaceae). Brittonia 34(2):220-224. 1982.
- 14) Landrum, L. R. The taxonomic implications of the discovery of calyptrate species of *Myrceugenia* (Myrtaceae). Brittonia 36(2):161-166. 1984.
- 15) Landrum, L. R. A new name and new combinations in *Campomanesia* and *Pimenta* (Myrtaceae). Brittonia 36(3): 241-243. 1984.
- 16) Landrum, L. R. Proposal to conserve 5565 *Blepharocalyx* against *Heteromyrtus* (Myrtaceae). Taxon 33: 521-522. 1984.
- 17) Landrum, L. R. and D. Stevenson. Variability of Embryos in Subtribe Myrtinae (Myrtaceae). Systematic Botany 11: 155-162. 1986.
- 18) Landrum, L. R. The Life and Botanical Accomplishments of Boris Alexander Krukoff. Advances in Economic Botany 2: 1-96. 1986.
- 19) Landrum, L. R. *Campomanesia, Pimenta, Blepharocalyx, Legrandia, Acca, Myrrhinium, and Luma* (Myrtaceae). Flora Neotropica Monographs 45: 1-179. 1986.
- 20) Landrum, L. R. A new species of *Campomanesia* (Myrtaceae) from Brazil. Brittonia 39: 245-247. 1987.
- 21) Landrum, L. R. Systematics of *Myrteola* (Myrtaceae). Systematic Botany 13(1): 120-132. 1988.
- 22) Landrum, L. R. and F. Grifo. *Myrcianthes* (Myrtaceae) in Chile. Brittonia 40(3): 290-293. 1988.
- 23) Landrum, L. R. The Myrtle Family (Myrtaceae) in Chile. Proc. Calif. Acad. Sciences 45(12): 277-317. 1988.
- 24) Landrum, L. R. The generic position of *Myrtus alternifolia* and notes on *Calycolpus* (Myrtaceae). Madroño 36(1): 9-14. 1989.
- 25) Landrum, L. R. and W. P. Sharp. Seed coat characters of some American Myrtinae (Myrtaceae): *Psidium* and related genera. Systematic Botany 14(3): 370-376. 1989.
- 26) Landrum, L. R. Review of "Flora of Australia, Vol. 19, Myrtaceae - *Eucalyptus, Angophora*. By G. M. Chippendale." Ann. Missouri Bot. Gard. 76: 943-944. 1989.

- 27) Landrum, L. R. A new species of *Calycolpus* (Myrtaceae) from the Venezuelan Guayana. *Ann. Missouri Bot. Gard.* 76: 930-931. 1989.
- 28) Landrum, L. R. *Accara*: A new genus of Myrtaceae, Myrtinae from Brazil. *Systematic Botany* 15(2): 221-225. 1990.
- 29) Landrum, L. R. and C. Donoso. *Ugni molinae* (Myrtaceae), a potential fruit crop for regions of mediterranean, maritime, and subtropical climates. *Economic Botany* 44: 536-539. 1991.
- 30) Landrum, L. R. *Chamguava*: a new genus of Myrtaceae (Myrtinae) from Mesoamerica. *Systematic Botany* 16(1): 21-29. 1991.
- 31) Tucker, A. O., M. J. Maciarello, R. P. Adams, L. R. Landrum, and T. A. Zanoni. Volatile Leaf Oils of Caribbean Myrtaceae. I. Three varieties of *Pimenta racemosa* (Miller) J. Moore of the Dominican Republic and the commercial Bay Oil. *Journal of Essential Oil Research* 3: 323-329. 1991.
- 32) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of Caribbean Myrtaceae. II. *Pimenta dioica* (L.) Merr. of Jamaica. With A. O. Tucker (senior author) and M. J. Maciarello. *Journal of Essential Oil Research* 3: 195-196. 1991.
- 33) Landrum, L. R. Nomenclatural changes in *Myrteola* and *Myrceugenia* (Myrtaceae). *Brittonia* 43(3): 199-200. 1991.
- 34) Tucker, A. O., M. J. Maciarello, R. P. Adams, L. R. Landrum, and T. A. Zanoni. Volatile Leaf Oils of Caribbean Myrtaceae. III. *Pimenta haitiensis* (Urban) Landrum of the Dominican Republic. *Journal of Essential Oil Research* 3: 471-473. 1991.
- 35) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of Caribbean Myrtaceae. IV. *Pimenta jamaicensis* (Britton & Harris) Proctor of Jamaica. *Journal of Essential Oil Research* 4: 93-94. 1992.
- 36) Landrum, L. R. Vascular Plants of Arizona: Sapotaceae. *Journal of the Arizona-Nevada Academy of Science* 26(1): 34-35. 1992.
- 37) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of Caribbean Myrtaceae. V. *Pimenta obscura* Proctor of Jamaica. *Journal of Essential Oil Research* 4: 195-196. 1992.
- 38) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of Caribbean Myrtaceae. VI. *Myrcianthes fragrans* (Sw.) McVaugh of Jamaica. *Journal of Essential Oil Research* 4: 313-314. 1992.
- 39) Landrum, L. R. *Mosiera* (Myrtaceae) in Mexico and Mesoamerica. *Novon* 2: 26-29. 1992.

- 40) Landrum, L. R. Lectotypification of *Quercus emoryi* and *Q. hypoleuca* (Fagaceae). *Madroño* 39: 239-240. 1992.
- 41) Weyerstahl, P., H. Marschall, and L. R. Landrum. Constituents of the Leaf Extract of *Amomyrtus meli* (R. A. Philippi) Legrand et Kausel, *A. luma* (Molina) Legrand et Kausel, and of *Amomyrtella guili* (Speg.) Kausel (Myrtaceae). *Flavour and Fragrance Journal* 7: 247-251. 1992.
- 42) Landrum, L. R., Imdorf, G., and Boufford, D. E. Noteworthy collection, Arizona: *Boehmeria cylindrica* (L.) Swartz (Urticaceae). *Madroño* 39: 308-309. 1992.
- 43) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of American Myrtaceae. I. *Blepharocalyx cruckshanksii* (Hook. & Arn.) Niedenzu of Chile and *B. salicifolius* (H. B. K.) Berg of Argentina. *Journal of Essential Oil Research* 5: 333-335. 1993.
- 44) Landrum, L. R. Factors influencing the accuracy of the parsimony criterion and a proposed method for estimating true tree length. *Systematic Botany* 18(3): 516-524. 1993.
- 45) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of American Myrtaceae. II. *Calycolpus warszewiczianus* Berg of Costa Rica. *Journal of Essential Oil Research* 5: 561-562. 1993.
- 46) Landrum, L. R. Vascular Plants of Arizona: Fagaceae. *Journal of the Arizona-Nevada Academy of Science* 27(2): 203-214. 1994.
- 47) Landrum, L. R. Vascular Plants of Arizona: Aceraceae. *Journal of the Arizona-Nevada Academy of Science* 29(1): 2-5. 1995.
- 48) Landrum, L. R., W. D. Clark, W. P. Sharp, and J. Brendecke. Hybridization between *Psidium guajava* and *P. guineense* (Myrtaceae). *Economic Botany* 49(2): 153-161. 1995.
- 49) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile Leaf Oils of American Myrtaceae. III. *Psidium cattleianum* Sabine, *P. friedrichsthalianum* (Berg) Niedenzu, *P. guajava* L., *P. guineense* Sw., and *P. sartorianum* (Berg) Niedenzu. *Journal of Essential Oil Research* 7: 187-190. 1995.
- 50) Landrum, L. R. and J. Bonilla. Anther glandularity in the American Myrtinae (Myrtaceae). *Madroño* 43(1): 58-68. 1996.
- 51) Landrum, L. R. and M. L. Kawasaki. The genera of Myrtaceae in Brazil: an illustrated synoptic treatment and identification keys. *Brittonia* 49(4): 508-536, Dec. 1997.
- 52) Kawasaki, M. L. and L. R. Landrum. A rare and potentially economic fruit of Brazil: cambuci, *Campomanesia phaea* (O. Berg) Landrum (Myrtaceae). *Economic Botany* 51(4): 403-407, Dec. 1997.

- 53) Landrum, L. R. A new species of *Calycolpus* (Myrtaceae) from the Campos Rupestres, Minas Gerais, Brazil. *Novon* 8: 244-246. 1998.
- 54) Landrum, L. R. A book review of "William H. Emory: Soldier-Scientist," by L. David Norris, James C. Milligan, and Odie B. Faulk. University of Arizona Press. *Journal of Arizona-Nevada Academy of Science* 31(2): 139-141. 1999.
- 55) Landrum, L. R. Revision of *Berberis* (Berberidaceae) in Chile and adjacent Argentina. *Annals of the Missouri Botanical Garden* 86: 793-834. 1999.
- 56) Landrum, L. R., and A. Rand. Anther glandularity in the American Eugeniinae (Myrtaceae). *Rojasiana* 5(1): 1-13. 1999.
- 57) Tucker, A. O., M. J. Maciarello, L. R. Landrum, and M. L. Kawasaki. Volatile leaf oils of *Calycolpus australis* Landrum (Myrtaceae). *Journal of Essential Oil Research* 12: 149-150. 2000.
- 58) Landrum, L. R. What has happened to descriptive systematics? What would make it thrive? *Systematic Botany* 26(2): 438-442. 2001.
- 59) Tucker, A. O., M. J. Maciarello, A. Salywon, and L. R. Landrum. Volatile leaf oils of *Calyptanthes sintenisii* Kiaersk. (Myrtaceae). *Journal of Essential Oil Research* 13: 427-428. 2001.
- 60) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. Volatile leaf oils of *Myrcianthes coquimbensis* (Gay) Landrum & Grifo, (Myrtaceae). *Journal of Essential Oil Research* 14: 40-41. 2002.
- 61) Landrum, L. R. Two new species of *Campomanesia* (Myrtaceae) from Espirito Santo and Bahia, Brazil. *Brittonia* 53(4): 534-538. 2002.
- 62) Landim, M. F. and L. R. Landrum. The genus *Campomanesia* (Myrtaceae) in Atlantic Rainforest fragments in Sergipe, Northeast region of Brazil. *Sida* 20(1): 205-214. 2002.
- 63) Holst, B., L. R. Landrum and F. Grifo. Myrtaceae in: J. A. Steyermark et al., *Flora of the Venezuelan Guayana*, 7:1-99. 2003.
- 64) Landrum, L. R. Berberidaceae in: C. Marticorena & R. Rodriguez, *Flora de Chile* 2(2): 1-23 & 79-81. 2003.
- 65) Landrum, L. R.. A revision of the *Psidium salutare* complex (Myrtaceae). *Sida* 20(4): 1449-1469. 2003.
- 66) Kim, Young-Dong, Sung-Hee Kim, Leslie R. Landrum. Taxonomic and phylogeographic implications from ITS phylogeny in *Berberis* (Berberidaceae). *Journal of Plant Research* (Tokyo) 117(3): 175-182. 2004.

- 67) Landrum, L. R. Review of "Robert FitzRoy, captain to Charles Darwin's evolution," By Peter Nichols, HarperCollins Publishers. *Taxon* 53(1): 240-241. 2004.
- 68) Landrum, L. R. and A. Salywon. Systematics of *Amomyrtus* (Burret) D. Legrand et Kausel (Myrtaceae). *Bonplandia* 13: 1-9. 2004.
- 69) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. 2005. The essential oil of desert-lavender, *Hyptis emoryi* Torrey (Lamiaceae). *Journal of Essential Oil Research* 17: 223-224.
- 70) Tucker, A. O., M. J. Maciarello, and L. R. Landrum. 2005. The essential oil of Mojave desert rue, *Thamnosma montana* Torr. & Frém. (Rutaceae), from Arizona. *Journal of Essential Oil Research* 17: 366-367.
- 71) Landrum, L. R. 2005. A revision of the *Psidium grandifolium* complex (Myrtaceae). *Sida* 21(3): 1335-1354.
- 72) Landrum, L. R. 2005. Two new species of Myrtaceae from South America. *Novon* 15:442-446.
- 73) Landrum, L. R., L. Dugan, S. Whitcomb, J. Anderson, D. Damrel, and F. E. Northam. 2005. Noteworthy collections, Arizona: *Oncosiphon piluliferum* (L. f.) Kallersjo (Asteraceae). *Madroño* 52: 270-274.
- 74) Landrum, L. R. 2006. Book Review of "Variación Intraespecifica en las especies arbóreas de los bosques templados de Chile y Argentina," by C. Donoso, A. Premoli, L. Gallo, and R. Ipinza. Editorial Universitaria, Santiago, Chile. ISBN 956-11-1702-9. *Economic Botany* 60:198.
- 75) Landrum, L. R. and M. Sobral. 2006. *Psidium cauliflorum* (Myrtaceae), a new species from Bahia, Brazil. *Sida* 22(2): 927-929.
- 76) Tucker, A. O., M. J. Maciarello, A. Salywon, and L. R. Landrum. 2007. The essential oils of *Mosiera enrhengergii* (O. Berg) Landrum (Myrtaceae) originally from Mexico and *M. longipes* (O. Berg) Small from Florida. *Journal of Essential Oil Research* 19:1-2.
- 77) Landrum, L. R. 2007. Prologo 2, p. 10, in Donoso, C. *Las especies arboreas de los bosques templados de Chile y Argentina. Autoecologia.* 678 pp. Marisa Cuneo Ediciones, Valdivia, Chile.
- 78) Landrum, L. R. and F. R. Barrie. 2007. *Calycolpus, Pimenta, Psidium, and Ugni* (Myrtaceae), in Hammel, B. E., M. H. Grayum, C. Herrera, and N. Zamora, *Manual de Plantas de Costa Rica*, vol. IV, pp.731, 772-773, 777-781, 784.
- 79) Salywon, A. M. and L. R. Landrum. 2007. *Curitiba* (Myrtaceae): A new genus from the Planalto of southern Brazil. *Brittonia* 59(4): 301-307.

- 80) Dugan, L. E., M. F. Wojciechowski, L. R. Landrum. 2007. A Large Scale Plant Survey: efficient vouchers with identification through morphology and DNA analysis. *Taxon* 56(4): 1238-1244.
- 81) Landrum, L. R. and L. S. Funch. 2008. Two New Species of *Psidium* (Myrtaceae) from Bahia, Brazil. *Novon* 18: 74-77.
- 82) Landrum, L. R. 2008. Two New Species of *Calycolpus* (Myrtaceae) from Brazil. *Brittonia* 60(3): 252-256.
- 83) Govaerts, R., M. Sobral, P. Ashton, F. Barrie, B. Holst, L. Landrum, K. Matsumoto, E. Nic Lughadha, F. Mazine, C. Proenca, L. Soares Silva, P. Wilson, E. Lucas. 2008. **World Checklist of Myrtaceae**, 455 pages. Kew Publishing, London.
- 84) [Funch, L. S., Landrum, L. R., Ibrahim, M., Mazine, F. F. 2009. Myrtaceae. In Giulietti, A. M., Queiroz, L. P., Rapini, A. & Silva, J. M. C. \(eds.\) Catálogo de espécies de plantas raras no Brasil. Conservation International - Brasil / Universidade Estadual de Feira de Santana.](#)
- 85) Tucker, A. O., M. J. Maciarello, R. C. Brown, L. R. Landrum, D. Lafferty. 2009. Essential Oils from the oleo-gum-resins of Elephant Tree or *torote* (*Bursera microphylla* A. Gray, Burseraceae) from Arizona. *Journal of Essential Oil Research* 21: 57-58.
- 86) Bates, S. T., F. Farruggia, E. Gilbert, R. Gutierrez, D. Jenke, E. Makings, E. Manton, D. Newton, and L. R. Landrum. 2009. Vascular Plants of Arizona: Solanaceae Part Two: Key to the genera and *Solanum*. *Canotia* 5: 1-16.
- 87) Chiang, F. and L. R. Landrum. 2009. Vascular Plants of Arizona: Solanaceae Part Three: *Lycium*. *Canotia* 5: 17-26.
- 88) Sobral, M., Lucas, E., Landrum, L. and Soares-Silva, L. 2009. [Myrtaceae. In Stehmann, J. R., Campostrini Forzza, R., Salino, A., Sobral, M., Pinheiro da Costa, D. and Yoshino Kamino, L. H. \(eds.\). Plantas da Floresta Atlantica](#), pp. 352-366. Jardim Botânico do Rio de Janeiro, Rio de Janeiro.
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- 90) Landrum, L. R. and M. Ibrahim U. de Oliveira. 2010. A new species of *Campomanesia* (Myrtaceae) from Bahia, Brazil, based on specimens collected by J. S. Blanchet over 150 years ago. *J. Bot. Res. Inst. Texas* 4(2): 603-607.
- 91) Landrum, L. R. 2010. Four proposals for Division III, Provisions for Governance of the Code [International Code of Botanical Nomenclature]. *Taxon* 59(5): 1616.
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Cucurbitaceae a Polemoniaceae, pp. 66-150. Universidad Nacional Autonoma de Mexico, Mexico.

93) A. O. Tucker, S. K. Jacobsen, M. J. Maciarello and L. R. Landrum. 2011. Essential Oils from the Leaves of *Eugenia pitanga* (O. Berg) Kiaersk. (Myrtaceae) of Paraguay Cultivated in Arizona. *Journal of Essential Oil Research* 23: 43-45.

94) Ibrahim Uehbe de Oliveira, M., L. S. Funch, F. A. R. Santos & L. R. Landrum. 2011. Aplicação de caracteres morfoanatômicos foliares na taxonomia de *Campomanesia* Ruiz & Pavón. *Acta Botanica Brasilica* 25: 455-465.

95) Leslie R. Landrum and Vladimir Morocho. 2011. A NEW COMBINATION BASED ON *MYRCIANTHES IRREGULARIS* (Myrtaceae)-A NEW GENUS FOR ECUADOR. *Journal of the Botanical Research Institute of Texas* 5: 105-107.

96) José Murillo-A., Eduardo Ruiz-P., Leslie R. Landrum, Tod F. Stuessy, Michael H.J. Barfuss. 2012. Phylogenetic relationships in *Myrceugenia* (Myrtaceae) based on plastid and nuclear DNA sequences. *Molecular Phylogenetics and Evolution* 62: 764-776.

97) Landrum, L. R., M. Ritter, E. McClintock, and L. A. Craven. 2012. Myrtaceae. In: Baldwin, B. G., Convening Editor, *The Jepson Manual, Vascular Plants of California*, pp. 913-916. University of California Press, Berkeley.

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99) Lafferty, D. L. and L. R. Landrum. 2012. A new plant mapping program for Arizona. *Canotia* 8(2):68-71.

100) Barber, A., D. Lafferty, and L. R. Landrum. 2013. The SALIX Method: A semi-automatic workflow for herbarium specimen digitization. *Taxon* 62(3): 581-590.

101) Ibrahim U. de Oliveira, M., L. R. Landrum, R. P. de Oliveira and L. S. Funch. 2013. A new species of *Campomanesia* (Myrtaceae) from Bahia, Brazil, and its relationships with the *C. xanthocarpa* complex. *Phytotaxa* 149(1) 19-26.

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103) Salywon, A. and L. R. Landrum. 2014. A new species of *Mosiera* (Myrtaceae) from the Sierra de Nipe, Cuba. *Brittonia* 66(3): 274-277.

104) Landrum, L. R. and C. Parra-O. 2014. A new species of *Psidium* (Myrtaceae) from Ecuador and Colombia. *Brittonia* 66(4): 311-315.

105) Holst, B. K., M. Serrano, N. W. Snow, L. R. Landrum, & P. M. Jorgensen. 2014. Myrtaceae in: Jorgensen, P. M., M. H. Nee, S. G. Beck, Catálogo de las Plantas Vasculares de Bolivia, pp. 870-880.

106) Contreras-Moreno, J. Rojas, M. Celis, L. Rojas, L. Mendez & L. Landrum. 2014. Componentes volátiles de las hojas de *Pimenta racemosa* var. *racemosa* (Mill.) J. W. Moore (Myrtaceae) de Tachira—Venezuela. Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas 13(3): 305-310.

107) GOMES-BEZERRA, K. M., J. E.Q. FARIA, L. R. LANDRUM & L. H. SOARES-SILVA. 2014. A new species of *Myrceugenia* (Myrteae, Myrtaceae) from Distrito Federal, Brazil, with notes on its micromorphology. Phytotaxa 183 (1): 037 – 043.

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- Phytogeographic relationships of the Myrtaceae of Chile. Amer. J. Bot. 74(abstracts): 741. 1987.
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- Gilbert, E.E., R. Schroeder, L. Landrum, and C. Gries. 2006. *Specimen Based Virtual Flora Model for Arizona*. SPNHC-NSCA 2006 Joint Annual Meeting, 23-27 May, Poster Session. Albuquerque, New Mexico.
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Grants:

- 1977: National Science Foundation Dissertation Improvement Grant of \$8,611 for field study of the genus *Myrceugenia* (Myrtaceae).
- 1981: National Science Foundation Grant of \$25,089 for monographic study of the genera *Acca*, *Blepharocalyx*, *Campomanesia*, *Luma*, and *Pimenta* (Myrtaceae).
- 1987: Arizona State University, Research Incentive Award of \$10,000 for studies of Myrtinae (Myrtaceae).
- 1988: National Geographic Society of \$7,932 for studies of Mesoamerican Myrtinae (Myrtaceae).
- 1989: Smithsonian Institution, Short Term Visitor Award of \$1350.
- 1989: National Science Foundation Grant of \$100,000 for "Support for the Arizona State University Herbarium." Landrum as PI, Drs. Pinkava, Nash, and Pigg as co-PI's.
- 1990: Arizona State University Minigrant of \$500 for field studies and herbarium visits for the

study of Fagaceae, Aceraceae, and Sapotaceae in Arizona.

1992: National Geographic Society of \$14,740 for studies of *Berberis* (Berberidaceae) in Chile.

1995: Fulbright Scholars American Republics Regional Research Award (ca. \$25,000).

1998-2003: ASU CLAS support for an RA and publication costs for the Vascular Plants of Arizona Project in the Journal of the Arizona-Nevada Academy of Science. This amounts to ca. \$20,000 per year.

1998-2003: Small grants to support the herbarium from the CAP LTER.

2003: National Science Foundation Grant of \$470,291 for “Completion and coordination of databases of Arizona vascular plant specimens at Arizona State University (ASU), University of Arizona (ARIZ), and Northern Arizona University (ASC)” Landrum as PI, Drs. McLaughlin, Ayers, and McCartney as co-PI’s.

2003: BLM grant for \$20,000 for “Flora of the San Pedro Riparian National Conservation Area,” Dr. J. Stromberg as PI, E. Makings (graduate student), and Landrum as co-PI’s.

2009-2010: Mellon foundation grant for \$8000. Digitising Type Specimens From Latin American And Other Areas At Arizona State University Landrum as PI.

2009-2013: National Science Foundation grant for \$311,532.80. Collaborative Research: “Expanding Seinet.” Landrum as PI.

2013-2014: Mellon foundation grant for \$29,000. Digitizing Vascular Plant Type Specimens from The University Of Arizona, The Desert Botanical Garden, And The Lichen Type Specimens At Arizona State University. Landrum as PI.