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PETER WARREN FRITSCH
Curriculum Vitae

Birthplace: Milwaukee, Wisconsin

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profile on: www.brit.org, www.researchgate.net; with blogs and stories on other sites,
e.g., www.youtube.com/watch?v=XRgsOOS0IcA

Education

Ph.D. (Botany) Rancho Santa Ana Botanic Garden Program in Botany and Claremont
Graduate School, Claremont, California, 1995, C. T. Philbrick, advisor
M.S. (Botany) University of Michigan, Ann Arbor, 1988
B.S. (Biology) University of Michigan, Ann Arbor, 1983

Present Positions

Vice President for Research, Botanical Research Institute of Texas, 2016–
Director of the Herbarium, Botanical Research Institute of Texas, 2015–

Appointments

Member, External Advisory Board, College of Science and Engineering, Texas Christian
University, 2017–
Adjunct Faculty, Texas Christian University, 2017–
Adjoint Faculty, University of Texas Arlington, 2017–
Member, World Flora Online Council, 2017–
Natural Science Collections Alliance Board, member, 2016–
Research Associate, California Academy of Sciences, 2015–
Fellow of the California Academy of Sciences, 2001–
Chair, Department of Botany, California Academy of Sciences, 2012–2015
Curator of Botany, California Academy of Sciences, 2007–2015
Research Professor, San Francisco State University, 1998–2015
Board Member, Quarryhill Botanic Garden, 2009–2014
Visiting Professor for Senior International Scientists, Kunming Institute of Botany,
Chinese Academy of Sciences, July–Sept 2011; Sept–Oct 2013; Oct–Dec 2016
Associate Curator of Botany, California Academy of Sciences, 2002–2007
Chair, Department of Botany, California Academy of Sciences, 2000–2002
Assistant Curator of Botany, California Academy of Sciences, 1996–2002
Visiting Professor, Zhongshan University, People's Republic of China, 2001–2004
Mellon Postdoctoral Fellow, Department of Botany, Duke University, 1994–1996
Research Assistant, The Rancho Santa Ana Botanic Garden, 1989–1992

Teaching Assistant, Cytogenetics, The Rancho Santa Ana Botanic Garden, 1992
Botanical Surveyor, U.S. Forest Service and Rancho Santa Ana Botanic Garden, 1990
Herbarium Technician, University of Michigan, 1989
Field and Research Assistant, School of Natural Resources, University of Michigan, 1988
Teaching Assistant, Woody Plants, University of Michigan, 1988
Research Assistant, Department of Paleontology, University of Michigan, 1987–88
Field Assistant, Department of Botany, University of Michigan, 1987
Laboratory Assistant, University of Michigan, 1983

Educational Service

Two 1-hour lectures, Phylogenetic Systematics, for Plant Systematics course at Texas Christian University, 12 and 14 April, 2016
BRIT science high-school teacher training lecture, 10 December 2015
Docent lecture, 3 hrs., Quarryhill Botanical Garden, 31 March 2012
Docent tours for 4th and 5th grade Sonoma County schools, Quarryhill Botanical Garden, 2009–2014
Annual lecturer, Summer Systematics Institute 3-hr course on molecular systematics, 1998–2006
Dissertation Opponent for Ida Trift, Stockholm University, 2004
3-hour seminar, Strybing Arboretum, docents training course on biogeography, 2002
Guest lecturer on the biogeography of plants, San Francisco State University/CAS, 1999
Science Advisor for a high school course on evolution (“Voyages through Time”), a collaboration between the SETI Institute, California Academy of Sciences, NASA Ames Research Center, and San Francisco State University, 1998–2002.
3-hour seminar (given twice), CAS, docents training course, land plant evolution, 1998

Advisor for the following students and postdoctoral scholars:

Shannon Lucas (1997), Kara Shockey (1998), Candice Meldrum (1999), Jessica Oppenheimer (2003), Anja Schiller (2004, 2005), Sarah Bury (2006), Adam Bruehl (2007), Alexandra Campbell (2010), Lila Leatherman (2012), and Ian Mounts, all through the Summer Systematics Institute, an NSF-sponsored eight- to 10-week summer program for undergraduates in systematic biology
Anya Illis and Meg Stalcup, Biological Illustration interns (summer, 1998, 1999)
Kayla Sweeten, undergraduate Follette Intern (summer 2012)
Edith Davis (2008), undergraduate summer intern
Heather-Rose Kates, undergraduate intern (January 2010)
Ph.D. co-advisor or informal advisor for the following students: Yelin Huang, Zhongshan University, Guangzhou, China; Yuguo Wang, Zhongshan University, Guangzhou, China; Lu Lu, Kunming Institute of Botany, Kunming, China; João Aranha, University of Campinas, Campinas, Brazil; Ji Yunheng, Kunming Institute of Botany, China; Zhang Mingyi, Kunming Institute of Botany
M.Sc. advisor for Camille Nowell and Gary Li, San Francisco State University
M.Sc. Committee member, San Francisco State University, for: Jef Mancera, Noel Graham, Diana Gamba, Ricardo Kriebel, Rebecca Wenk, Daniel Grimm, Emily Magnaghi, Jean Claude Rakotonirina, Heritiana Ranarivelo
Post-doc (shared advisorship with other curators, California Academy of Sciences):
Dylan Burge, Darin Penneys, R. Douglas Stone

Grants and Awards

- National Science Foundation, 1745618 DBI-CSBR: “Ownership Transfer: Moving the University of Louisiana-Monroe herbarium to the Botanical Research Institute of Texas,” 2017–2018, \$149,619. PI; Jason H. Best, Tiana F. Rehman, co-PIs.
- Visiting Scholar Fellowship, Kunming Institute of Botany, Chinese Academy of Sciences, November–December 2016.
- National Geographic Society, “Understanding species diversity in the Himalayan-Hengduan Shan small-leaved wintergreens (*Gaultheria* ser. *Trichophyllae*: Ericaceae),” September–October 2013, \$13,900. PI.
- Visiting Scholar Fellowship, Kunming Institute of Botany, Chinese Academy of Sciences, September–October 2013.
- National Science Foundation, “Assessing phylogeny and biogeography in a megadiverse tropical plant family (Melastomataceae),” 2012–2015, \$545,200. Co-PI; PI, Darin S. Penneys; other co-PIs: Frank Almeda, Fabian Michelangeli.
- Visiting Scholar Fellowship, Kunming Institute of Botany, Chinese Academy of Sciences, July–September 2011.
- National Science Foundation, “Collaborative Research: Phylogenetic, Biogeographic, and Monographic Studies in the Wintergreen Group,” 2007–2010, \$255,837. PI; collaborative PI: Kathy Kron, Wake Forest University.
- John D. and Catherine T. MacArthur Foundation, “Biodiversity of the Gaoligongshan,” 2005–2008, \$225,000. PI; Nina Jablonski, co-PI.
- National Geographic Society, “Biotic Survey of the Gaoligongshan, a Biodiversity Hotspot in China,” 2002–2003, \$35,000. PI; N. Jablonski, D. Kavanaugh, S. L. Dao, co-PIs.
- National Science Foundation Systematic Biology, “Historical Biogeography of *Symplocos*, an Amphi-Pacific Tropical Disjunct Clade,” 2002–2006, \$147,209; PI; co-PI, Frank Almeda.
- National Science Foundation Biotic Surveys and Inventories, “Biotic Survey of the Gaoligongshan, a Biodiversity Hotspot in Western Yunnan, China,” 2002–2008, \$2,403,296; PI; Nina Jablonski, co-PI.
- CAS research grants, 1997–2001, total of \$6000
- Duke/Mellon Postdoctoral Fellowship, 1994–1996
- Duke Research Awards, 1994, 1995, \$2700
- National Science Foundation Dissertation Improvement Grant (C.T. Philbrick, PI), 1993, \$9500
- Mellon Foundation Graduate Fellowship, 1993
- Mellon Foundation Travel/Research Award, 1992–1993, \$5000
- Mellon Foundation Summer Fellowship, 1992–1993
- Hardman Foundation Grant, 1992, \$500
- American Society of Plant Taxonomists/NSF AIBS Travel Award, 1992, \$500
- Claremont Graduate School, Graduate Student Council Research Grant, 1991, \$230; 1992, \$500; 1993, \$497
- American Society of Plant Taxonomists Research Grant, 1991, \$250
- Rancho Santa Ana Botanic Garden Research Fellowship, 1989–1992
- Claremont Graduate School Tuition Scholarship, 1989–1994

Hanes Fund Grant, 1988–1989, \$1280
University of Michigan Tuition Scholarship, 1987–1988
University of Michigan Biological Station Summer Scholarship, 1982

Publications

Submitted:

- Jin, J. J., M.-Q. Yang, **P. W. Fritsch**, D.-Z. Li, and Yi T.-S. Submitted. Born migrators: historical biogeography of the cosmopolitan family Cannabaceae. *Journal of Biogeography*.
Yan, M.-H., M. J. Moore, P. W. Fritsch, T. Feng, A.-P. Meng, J. Yang, T. Deng, C.-X. Zhao, X.-H. Yao, and H.-C. Wang. Submitted. Plastome phylogenomics resolves infrafamilial relationships of the Styracaceae and sheds light on the backbone relationships of the Ericales. *Molecular Phylogenetics and Evolution*.

In press:

- Nowell, C. M. and **P. W. Fritsch**. In press. *Cercis*. In M. Bierner et al. (eds.), *Legumes of Arizona*. Desert Legume Program, University of Arizona.
Fritsch, P. W. and H. Nooteboom. In press. Symplocaceae. In P. H. Raven and J. R. Abbott (eds.), *List of Species of the Plants of India*. Missouri Botanical Garden, St. Louis.
Fritsch, P. W. In press. Styracaceae. In P. H. Raven and J. R. Abbott (eds.), *List of Species of the Plants of India*. Missouri Botanical Garden, St. Louis.
Fritsch, P. W. In press. Styracaceae. In Flora do Estado de Rio de Janeiro. Jardim Botânico Rio de Janeiro.
Fritsch, P. W. In press. Styracaceae. In K. de Toni (ed.), *List of species of the Brazilian flora*. Rio de Janeiro Botanical Garden, Rio de Janeiro, Brazil.

Published:

108. **Fritsch, P. W.**, L. Lu, M.-Y. Zhang, H. Wang, and D.-Z. Li. 2017. Morphology corroborates DNA sequence data in the species-level recognition of *Gaultheria trichophylla* variety *tetracme* (Ericaceae). *Journal of the Botanical Research Institute of Texas* 11: 343–349.
107. Stephan, J., **P. W. Fritsch**, and N. N. Mohanan. 2017. *Symplocos parvibracteata* sp. nov. (Symplocaceae) from the Western Ghats, Kerala, India. *Nordic Journal of Botany* 35: 426–431.
106. **Fritsch, P. W.** 2017. A new species of *Styrax* (Styracaceae) from Peru. *Novon* 25: 282–285.
105. **Fritsch, P. W.** and V. B. Amoroso. 2017. *Diplycosia kitangladensis* sp. nov. from Mindanao, The Philippines. *Natural History Bulletin of the Siam Society* (special commemorative issue) 62: 21–27.
104. Zhang, M.-Y., **P. W. Fritsch**, P.-F. Ma, H. Wang, L. Lu, and D.-Z. Li. 2017. Plastid phylogenomics and adaptive evolution of *Gaultheria* series *Trichophyllae* (Ericaceae), a clade from sky islands of the Himalaya-Hengduan Mountains. *Molecular Phylogenetics and Evolution* 110: 7–18.
103. **Fritsch, P. W.** and C. M. Bush. 2016. *Diplycosia rigidifolia* sp. nov. (Ericaceae) from Borneo, Sabah, Malaysia. *Nordic Journal of Botany* 34: 699–702.

102. Amoroso, V. B., F. P. Coritico, and **P. W. Fritsch**. 2016. Species richness and conservation status of ferns and lycophytes in Mt. Hamiguitan Range Wildlife Sanctuary, Davao Oriental, Philippines. *Philippine Journal of Science* 145: 127–137.
101. Zhang, M. L., X.-G. Xiang, J.-J. Xue, S. C. Sanderson, and **P. W. Fritsch**. 2016. Himalayan uplift shaped biomes in Miocene temperate Asia: evidence from leguminous *Caragana*. *Scientific Reports* 6:36528. DOI: 10.1038/srep36528
100. **Fritsch, P. W.**, L. Lu, B. Xu, H. Wang, and D.-Z. Li. 2016. *Gaultheria marronina* sp. nov. (Ericaceae) from Sichuan, China. *Nordic Journal of Botany* 34: 545–549.
99. **Fritsch, P. W.** and V. B. Amoroso. 2016. *Diplycosia platyphylla* (Ericaceae), a new species from Mindanao, Philippines. *Phytokeys* 69: 31–38.
98. **Fritsch, P. W.**, X.-H. Yao, W. B. Simison, B. C. Cruz, and T. Chen. 2016. *Perkinsiodendron*, a new genus in the Styracaceae based on morphology and DNA sequences. *Journal of the Botanical Research Institute of Texas* 10: 109–117.
97. Teillier, S., R. Rodríguez, and **P. W. Fritsch**. 2016. Novedades nomenclaturales para *Gaultheria* (Ericaceae) en Chile. *Gayana Botánica* 73: 64–67.
96. Kelly, L. M., F. Almeda, and **P. W. Fritsch**. 2016. A taxonomic revision of Mexican and Central American *Symplocos* (Symplocaceae). *Phytotaxa* 264(1): 1–115.
95. Yang, A.-H., N. Wei, **P. W. Fritsch**, and X. H. Yao. 2016. AFLP genome scanning reveals divergent selection in natural populations of *Liriodendron chinense* (Magnoliaceae) along a latitudinal transect. *Frontiers in Plant Science* 7: 698.
94. **Fritsch, P. W.** 2016. Styracaceae. In R. Bernal et al., (eds.), *Catálogo de plantas y líquenes de Colombia*, Vol. 2, pp. 2431–2433. Universidad Nacional de Colombia, Bogotá.
93. **Fritsch, P. W.**, B. C. Cruz, W. B. Simison, A. J. Campbell, and J. K. Harris. 2015. Early phylogenetic divergence of gynodioecious species warrants the recognition of subseries in *Styrax* series *Valvatae*. *Systematic Botany* 40: 1081–1092.
92. Zhang, J. J., Z. Z. Li, **P. W. Fritsch**, H. Tian, A. H. Yang, and X. H. Yao. 2015. Phylogeography and genetic structure of a Tertiary relict tree species, *Tapiscia sinensis* (Tapisciaceae): implications for conservation. *Annals of Botany* 116: 727–737.
91. **Fritsch, P. W.**, L. Lu, and H. Wang. 2015. *Gaultheria gonggashanensis* sp. nov. (Ericaceae) from Sichuan, China. *Nordic Journal of Botany* 33: 582–585.
90. **Fritsch, P. W.** 2015. *Styrax peltatus* (Styracaceae), a new species from Oaxaca, Mexico. *Journal of the Botanical Research Institute of Texas* 9: 43–47.
89. Wang, Y.-H., L. Lu, **P. W. Fritsch**, H. Wang, Y.-H. Wang, and D.-Z. Li. 2015. Leaf epidermal character variation and evolution in the Gaultherieae (Ericaceae). *Botanical Journal of the Linnean Society* 178: 686–710.
88. **Fritsch, P. W.** 2015. Two new species of *Styrax* (Styracaceae) from South America. *Novon* 24: 9–13.
87. **Fritsch, P. W.**, S. R. Manchester, R. D. Stone, B. C. Cruz, and F. Almeda. 2015. Northern Hemisphere origins of the amphi-Pacific tropical plant family Symplocaceae. *Journal of Biogeography* 42: 891–901.
86. Zhang, M. L., Z.-B. Wen, **P. W. Fritsch**, and S. C. Sanderson. 2015. Spatiotemporal evolution of *Calophaca* (Fabaceae) reveals multiple dispersals in central Asian mountains. *PLOS One* DOI:10.1371/journal.pone.0123228, pp. 1–14.
85. **Fritsch, P. W.**, L. Lu, H. Wang, and D.-Z. Li. 2015. New species, taxonomic renovations, and typifications in *Gaultheria* ser. *Trichophyllae*. *Phytotaxa* 201: 1–26.
84. **Fritsch, P. W.** 2015. Styracaceae. In P. M. Jørgensen, M. Nee, and S. Beck (eds.), *Catálogo de las Plantas Vasculares de Bolivia*, pp. 1229–1230. Missouri Botanical Garden, St. Louis.

83. **Fritsch, P. W.** and F. Almeda. 2015. A taxonomic revision of Antillean *Symplocos* (Symplocaceae). *Phytotaxa* 194: 1–67.
82. Rocha, L. A.,...**P. W. Fritsch**,...et al. 2014. Specimen collection: an essential tool. *Science* 344: 814–815.
81. Strijk, J. S., R. E. Bone, C. Thébaud, S. Buerki, **P. W. Fritsch**, T. R. Hodkinson, and D. Strasberg. 2014. Timing and tempo of evolutionary diversification in a biodiversity hotspot: Primulaceae on Indian Ocean islands. *Journal of Biogeography* 41: 810–822.
80. Manchester, S. R. and **P. W. Fritsch**. 2014. European fossil fruits of *Sphenotheca* related to extant Asian species of *Symplocos*. *Journal of Systematics and Evolution* 52: 68–74.
79. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2013. Three new species of *Symplocos* sect. *Hopea* (Symplocaceae) from Brazil. *Kew Bulletin* 68: 625–633.
78. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2013. *Symplocos dasyphylla* (Symplocaceae): revised description and lectotypification. *Rodriguésia* 64: 655–660.
77. Aranha Filho, J. L. M., L. D. Meireles, **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2012. A new species of *Symplocos* (Symplocaceae) from the Itatiaia Plateau of Brazil. *Brittonia* 64: 252–256.
76. Bone, R. E., J. S. Strijk, **P. W. Fritsch**, S. Buerki, D. Strasberg, C. Thébaud, and T. R. Hodkinson. 2012. Phylogenetic inference of *Badula* (Primulaceae), a rare and threatened genus endemic to the Mascarene Archipelago. *Botanical Journal of the Linnean Society* 169: 284–296.
75. **Fritsch, P. W.** 2012. Styracaceae. In C. M. Jacobi and F. Fonseca do Carmo (eds.), *Diversidade Florística nas Cangas do Quadrilátero Ferrífero*, pp. 195–196. Código Editora, Belo Horizonte.
74. **Fritsch, P. W.** 2012. Styracaceae. In B. G. Baldwin et al. (eds.), *The Jepson Manual. Vascular Plants of California*. 2nd Ed, pp. 1258–1259. University of California Press, Berkeley.
73. **Fritsch, P. W.** and B. C. Cruz. 2012. Phylogeny of *Cercis* based on DNA sequences of nuclear ITS and four plastid regions: implications for transatlantic historical biogeography. *Molecular Phylogenetics and Evolution* 62: 816–825.
72. Pereira, C. G., D. P. Almenara, C. E. Winter, **P. W. Fritsch**, H. Lambers, and R. S. Oliveira. 2012. Underground leaves of *Philcoxia* trap and digest nematodes. *Proceedings of the National Academy of Sciences U.S.A.* 109: 1154–1158.
71. **Fritsch, P. W.** 2011. Styracaceae. In A. I. Piedrahíta et al. (eds.), *Flora de Antioquia: Catalogo de las Plantas Vasculares*. Vol. 2, pp. 898–899. Universidad de Antioquia, Missouri Botanical Garden & Oficina de Planeación Departamental de la Gobernación de Antioquia, Editorial D'Vinni, Bogotá, Colombia.
70. **Fritsch, P. W.**, L. Lu, C. M. Bush, B. C. Cruz, K. A. Kron, and D.-Z. Li. 2011. Phylogenetic analysis of the wintergreen group (Ericaceae) based on six genic regions. *Systematic Botany* 36: 990–1003.
69. **Fritsch, P. W.** and C. M. Bush. 2011. A new species of *Gaultheria* (Ericaceae) from Mount Kinabalu, Borneo, Malaysia. *Novon* 21: 338–342.
68. Lu, L., **P. W. Fritsch**, B. C. Cruz, H. Wang, and D.-Z. Li. 2010. Reticulate evolution, cryptic species, and character convergence in the core East Asian clade of *Gaultheria* (Ericaceae). *Molecular Phylogenetics and Evolution* 57: 364–379.
67. **Fritsch, P. W.** 2010. Our scientific link with the California Academy of Sciences. *The Quarryhill Quarterly* 7: 5.

66. **Fritsch, P. W.** and L. M. Garrison. 2010. The flowering plant family Styracaceae in the Gaoligong Shan, along the border region of China and Myanmar. *Proceedings of the California Academy of Sciences, Ser. 4*, 61: 597–616.
65. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2010. Proposal to reject the name *Barberina hirsuta* (*Symplocos hirsuta*) (Symplocaceae). *Taxon* 59: 1287–1288.
64. Zhang, M. L. and **P. W. Fritsch**. 2010. Evolutionary response of *Caragana* (Fabaceae) to Qinghai-Tibetan Plateau uplift and Asian interior aridification. *Plant Systematics and Evolution* 288: 191–199. DOI 10.1007/s00606-010-0324-z.
63. **Fritsch, P. W.** 2010. Styracaceae. In Milliken, W., B. Klitgaard, A. Baracat, and N. Hind (eds.), *Neotropikey - Interactive key and information resources for flowering plants of the Neotropics*. www.kew.org/neotropikey (accessed July 29, 2010).
62. **Fritsch, P.W.** 2010. Styracaceae. In R. C. Forzza et al. (eds.), *Catálogo de plantas e fungos do Brasil Volume 2*, pp. 1649–1650. Jardim Botânico do Rio de Janeiro. Also on-line at <http://floradobrasil.jbrj.gov.br/2010/FB024928>.
61. Lu, L., **P. W. Fritsch**, C. M. Bush, L.-N. Dong, H. Wang, and D.-Z. Li. 2010. Systematic implications of seed coat diversity in the Gaultherieae (Ericaceae). *Botanical Journal of the Linnean Society* 162: 477–495.
60. **Fritsch, P. W.** 2009. Styracaceae. In G. Davidse et al. (eds.), *Flora Mesoamericana Volume 4(1)*, pp. 617–620. Universidad Nacional Autónoma de México, México, D. F. Also available on-line at <http://mobot.mobot.org/Pick/Search/meso.html>.
59. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2009. Validation of the name *Symplocos pentandra* (Symplocaceae). *Journal of the Botanical Research Institute of Texas* 3: 659–660.
58. Aranha Filho, J. L. M., R. Bertonecello, **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2009. *Symplocos atlantica* (Symplocaceae), a new species from the Atlantic rain forest of Brazil. *Harvard Papers in Botany* 14: 101–104.
57. Almeda, F. and **P. W. Fritsch**. 2009. Symplocaceae. In Flora of North America Editorial Committee (ed.), *Flora of North America, Volume 8. Magnoliophyta: Paeoniaceae to Ericaceae*, pp. 329–331. Oxford University Press, New York.
56. **Fritsch, P. W.** 2009. Styracaceae. In Flora of North America Editorial Committee (ed.), *Flora of North America, Volume 8. Magnoliophyta: Paeoniaceae to Ericaceae*, pp. 339–347. Oxford University Press, New York.
55. **Fritsch, P. W.**, A. M. Schiller, and K. W. Larson. 2009. Taxonomic implications of morphological variation in *Cercis canadensis* (Fabaceae) from Mexico and adjacent parts of Texas. *Systematic Botany* 34: 510–520.
54. Bush, C. M., S. Wagstaff, **P. W. Fritsch**, and K. A. Kron. 2009. The phylogeny, biogeography and morphological evolution of *Gaultheria* (Ericaceae) from Australia and New Zealand. *Australian Systematic Botany* 22: 229–242.
53. Aranha Filho, J. L. M., A. B. Martins, **P. W. Fritsch**, and F. Almeda. 2009. Symplocaceae. In Giulietti, A. M. et al. (eds.), *Plantas Raras do Brasil*, pp. 381–382. Conservação Internacional, Belo Horizonte.
52. Bush, C. M., L. Lu, **P. W. Fritsch**, D.-Z. Li, and K. A. Kron. 2009. Phylogeny of Gaultherieae (Ericaceae: Vaccinioideae) based on DNA sequence data from *matK*, *ndhF*, and nrITS. *International Journal of Plant Sciences* 170: 355–364.
51. Lu, L., H. Wang, **P. W. Fritsch**, H. T. Li, D. Z. Li, and J.-Q. Chen. 2009. Pollen morphology of *Gaultheria* L. and related genera of subfamily Vaccinioideae: Taxonomic and evolutionary significance. *Review of Palaeobotany and Palynology* 154: 106–123.

50. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2009. Two new dioecious species of *Symplocos* (Symplocaceae) from southern Brazil. *Novon* 19: 1–6.
49. Zhang, M. L., **P. W. Fritsch**, and B. C. Cruz. 2009. Phylogeny of *Caragana* (Fabaceae) based on DNA sequence data from *rbcL*, *trnS-trnG*, and ITS. *Molecular Phylogenetics and Evolution* 50: 547–559.
48. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2009. Cryptic dioecy is widespread in South American species of *Symplocos* section *Barberina* (Symplocaceae). *Plant Systematics and Evolution* 277: 99–104.
47. **Fritsch, P. W.** 2008. Styracaceae. In Hokche, O., P. E. Berry, and O. Huber (eds.), *Nuevo catálogo de la flora vascular de Venezuela*, pp. 636–637. Fundación Instituto Botánico de Venezuela Dr. Tobías Lasser, Caracas.
46. Loeuille, B., **P. W. Fritsch**, and J. R. Pirani. 2008. Flora da Serra do Cipó, Minas Gerais: Styracaceae. *Boletim de Botânica da Universidade de São Paulo* 26: 175–182.
45. Almeda, F., **P. W. Fritsch**, and J. L. M. Aranha Filho. 2008. Symplocaceae. In Zuloaga, F. O., O. Morrone, and M. J. Belgrano (eds.), *Catalogue of the Vascular Plants of the Southern Cone (Argentina, Southern Brazil, Chile, Paraguay, and Uruguay)*, Vol. 3, pp. 3067–3069. Missouri Botanical Garden Press, St. Louis.
44. **Fritsch, P. W.** 2008. Styracaceae. In Zuloaga, F. O., O. Morrone, and M. J. Belgrano (eds.), *Catalogue of the Vascular Plants of the Southern Cone (Argentina, Southern Brazil, Chile, Paraguay, and Uruguay)*, Vol. 3, pp. 3064–3067. Missouri Botanical Garden Press, St. Louis.
43. **Fritsch, P. W.**, L. M. Kelly, Y. Wang, F. Almeda, and R. Kriebel. 2008. Revised infrafamilial classification of Symplocaceae based on phylogenetic data from DNA sequences and morphology. *Taxon* 57: 823–852.
42. **Fritsch, P. W.**, L. H. Zhou, L. Lu, and B. Bartholomew. 2008. The flowering plant genus *Gaultheria* (Ericaceae) in the Gaoligong Shan, along the border region of China and Myanmar. *Proceedings of the California Academy of Sciences, Ser. 4*, 59: 147–214.
41. Yao, X. H., Q. G. Ye, **P. W. Fritsch**, B. C. Cruz, and H. W. Huang. 2008. Phylogeny of *Sinojackia* (Styracaceae) based on DNA sequence and microsatellite data: implications for taxonomy and conservation. *Annals of Botany* 101: 651–659.
40. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2007. *Symplocos saxatilis* (Symplocaceae), a new dioecious species from Serra do Cipó, Minas Gerais, Brazil. *Brittonia* 59: 233–237.
39. **Fritsch, P. W.**, F. Almeda, A. B. Martins, B. C. Cruz, and D. E. Estes. 2007. Rediscovery and phylogenetic placement of *Philcoxia minensis* (Plantaginaceae), with a test of carnivory. *Proceedings of the California Academy of Sciences, ser. 4*, 58: 447–467.
38. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2007. A revision of *Symplocos* Jacq. section *Neosymplocos* Brand (Symplocaceae). *Proceedings of the California Academy of Sciences, ser. 4*, 58: 407–446.
37. **Fritsch, P. W.** and D. K. Trock. 2007. Lectotypification of *Gaultheria pyrolifolia* and *G. pyroloides* (Ericaceae). *Journal of the Botanical Research Institute of Texas* 1: 97–102.
36. Zhou, L. H., **P. W. Fritsch**, and B. Bartholomew. 2006. The Symplocaceae of Gaoligong Shan. *Proceedings of the California Academy of Sciences, Ser. 4*, 57: 387–431.
35. Wang, Y. H., H. He, T. L. Min, L. H. Zhou, and **P. W. Fritsch**. 2006. The phylogenetic placement of *Apterosperma* (Theaceae) based on morphological and karyotype characters. *Plant Systematics and Evolution* 260: 39–52.

34. Ji, Y. H., **P. W. Fritsch**, H. Li, T. J. Xiao, and Z. K. Zhou. 2006. Phylogeny and classification of *Paris* (Melanthiaceae) inferred from DNA sequence data. *Annals of Botany* 98: 245–256.
33. **Fritsch, P. W.**, B. C. Cruz, F. Almeda, Y. Wang, and S. Shi. 2006. Phylogeny of *Symplocos* based on DNA sequences of the chloroplast *trnC-trnD* intergenic region. *Systematic Botany* 31: 181–192.
32. **Fritsch, P. W.** and J. A. Steyermark. 2005. Styracaceae. In: P. E. Berry, K. Yatskievych, and B. K. Holst (eds.), *Flora of the Venezuelan Guayana, Volume 9*, pp. 283–289. Missouri Botanical Garden Press, St. Louis.
31. **Fritsch, P. W.** 2005. Styracaceae. In: T. F. Daniel (ed.), *Flora of Chiapas, Part 6*, pp. 24–32. California Academy of Sciences, San Francisco.
30. **Fritsch, P. W.** 2005. A new species of *Styrax* (Styracaceae) from southern Mexico. *Novon* 15: 421–424.
29. Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2005. Two new species of *Symplocos* Jacq. (Symplocaceae) from Minas Gerais, Brazil. *Proceedings of the California Academy of Sciences* 56: 295–303.
28. Qin, H. N. and **P. W. Fritsch**. 2005. Clethraceae. In: C. Y. Wu and P. H. Raven (eds.), *Flora of China, Volume 14: Apiaceae through Ericaceae*, pp. 238–241. Science Press, Beijing and Missouri Botanical Garden Press, St. Louis.
27. Davis, C. C., **P. W. Fritsch**, C. D. Bell, and S. Mathews. 2004. High latitude Tertiary migrations of an exclusively tropical clade: Evidence from Malpighiaceae. *International Journal of Plant Sciences* 165 (4 Suppl.): S107–S121.
26. Wang, Y., **P. W. Fritsch**, S. Shi, F. Almeda, B. C. Cruz, and L. M. Kelly. 2004. Phylogeny and infrageneric classification of *Symplocos* (Symplocaceae) inferred from DNA sequence data. *American Journal of Botany* 91: 1901–1914.
25. **Fritsch, P. W.**, F. Almeda, S. S. Renner, A. B. Martins, and B. C. Cruz. 2004. Phylogeny and circumscription of the near-endemic Brazilian tribe Microlicieae (Melastomataceae). *American Journal of Botany* 91: 1105–1114.
24. **Fritsch, P. W.** 2004. New species and taxonomic changes in *Styrax* (Styracaceae) from South America. *Novon* 14: 43–57.
23. **Fritsch, P. W.** 2004. Styracaceae. In: K. Kubitzki (ed.), *The Families and Genera of Vascular Plants, Volume 6*, pp. 434–442. Springer-Verlag, Berlin.
22. **Fritsch, P. W.** 2003. Revision of 11 taxa of Styracaceae. In: Gamarra Rojas, C.F.L.; Mesquita, A.C. de; Sothers, C.; Mayo, S.J.; Barbosa, M.R.V. (eds.), *Checklist das plantas do Nordeste, Centro Nordestino de informações sobre plantas*. CNIP, Recife. Internet publication on website: <http://www.cnip.org.br>.
21. **Fritsch, P. W.** 2003. Styracaceae. In N. Smith, S. A. Mori, A. Henderson, D. Wm. Stevenson, and S. V. Heald (eds.), *Flowering Plants of the Neotropics*, pp. 362–363. The New York Botanical Garden and Princeton University Press, Bronx and Princeton.
20. Huang, Y. L., **P. W. Fritsch**, and S. Shi. 2003. A revision of the imbricate group of *Styrax* series *Cyrta* (Styracaceae) in Asia. *Annals of the Missouri Botanical Garden* 90: 491–553.
19. **Fritsch, P. W.** 2003. Multiple geographic origins of Antillean *Styrax*. *Systematic Botany* 28: 421–430.
18. **Fritsch, P. W.** and T. D. McDowell. 2003. Biogeography and phylogeny of Caribbean Plants—Introduction. *Systematic Botany* 28: 376–377.

17. Davis, C. C., C. D. Bell, **P. W. Fritsch**, and S. Mathews. 2002. Phylogeny of *Acridocarpus-Brachylophon* (Malpighiaceae): Implications for Tertiary tropical floras and Afroasian biogeography. *Evolution* 56: 2395–2405.
16. **Fritsch, P. W.**, S. A. Mori, and J. L. Brown. 2002. Styracaceae. In S. A. Mori, G. Cremers, C. A. Gracie, J.-J. de Granville, S. V. Heald, M. Hoff, and J. D. Mitchell (eds.), *Guide to the Vascular Plants of Central French Guiana. Part 2. Dicotyledons*. Memoirs of the New York Botanical Garden 76(2): 706–708.
15. Davis, C. C., **P. W. Fritsch**, J.-H. Li, and M. J. Donoghue. 2002. Phylogeny and biogeography of *Cercis* (Fabaceae): Evidence from nuclear ribosomal ITS and chloroplast *ndhF* sequence data. *Systematic Botany* 27: 298–302.
14. **Fritsch, P. W.**, C. M. Morton, C. T. Chen, and C. Meldrum. 2001. Phylogeny and biogeography of the Styracaceae. *International Journal of Plant Sciences* 162(S6): S95–S116.
13. **Fritsch, P. W.** 2001. Phylogeny and biogeography of the flowering plant genus *Styrax* (Styracaceae) based on chloroplast DNA restriction sites and DNA sequences of the internal transcribed spacer region. *Molecular Phylogenetics and Evolution* 19: 387–408.
12. **Fritsch, P. W.** and S. A. Lucas. 2000. Clinal variation in the *Halesia carolina* complex (Styracaceae). *Systematic Botany* 25: 197–210.
11. **Fritsch, P. W.** 1999. Styracaceae. In P. M. Jørgensen and S. León-Yáñez (eds.), *Catalogue of the Vascular Plants of Ecuador*, p. 922. Missouri Botanical Garden Press, St. Louis.
10. **Fritsch, P. W.** 1999. Phylogeny of *Styrax* based on morphological characters, with implications for biogeography and infrageneric classification. *Systematic Botany* 24: 355–378.
9. **Fritsch, P. W.** 1997. A revision of *Styrax* (Styracaceae) from western Texas, Mexico, and Mesoamerica. *Annals of the Missouri Botanical Garden* 84: 705–761.
8. **Fritsch, P. W.** 1996. Population structuring and patterns of morphological variation in the Californian endemic *Styrax redivivus*. *Aliso* 14: 205–218.
7. **Fritsch, P. W.** 1996. Isozyme analysis of intercontinental disjuncts within *Styrax* (Styracaceae): Implications for the Madrean-Tethyan hypothesis. *American Journal of Botany* 83: 342–355.
6. **Fritsch, P. W.** and L. H. Rieseberg. 1996. The use of random amplified polymorphic DNA (RAPD) in conservation genetics. In T. Smith and B. Wayne (eds.), *Molecular Genetic Approaches in Conservation*, pp. 54–73. Oxford Univ. Press, New York.
5. **Fritsch, P. W.** 1993. Vascular plant species new to Hillsdale County, Michigan. *Michigan Botanist* 32: 269–282.
4. **Fritsch, P. W.**, M. A. Hanson, C. D. Spore, P. E. Pack, and L. H. Rieseberg. 1993. Constancy of RAPD primer amplification strength among distantly related taxa of flowering plants. *Plant Molecular Biology Reporter* 11: 10–20.
3. Rieseberg, L. H., C. T. Philbrick, P. E. Pack, M. A. Hanson, and **P. W. Fritsch**. 1993. Inbreeding depression in androdioecious populations of *Datisca glomerata* (Datisceae). *American Journal of Botany* 80: 757–762.
2. **Fritsch, P. W.** 1992. *Scutellaria nervosa* (Lamiaceae): A species of skullcap new to Michigan. *Michigan Botanist* 31: 37–38.
1. **Fritsch, P. W.** and L. H. Rieseberg. 1992. High outcrossing rates maintain male and hermaphrodite individuals in populations of the flowering plant *Datisca glomerata*. *Nature* 359: 633–636.

Presentations and Posters at Professional Meetings

- Fritsch, P. W.**, L. Lu, K. A. Kron, C. M. Bush, D.-Z. Li, and H. Wang. 2017. Classification, biogeography, and new species discovery in the Gaultherieae (Ericaceae). Oral presentation at the International Botanical Congress 2017 conference in Shenzhen, China, July 22–29.
- Lu, L., **P. W. Fritsch**, M.-Y. Zhang, H. Wang, and D.-Z. Li. 2017. Biodiversity of the wintergreens (*Gaultheria*) from the Himalaya-Hengduan Mountains. Oral presentation at the International Botanical Congress 2017 conference in Shenzhen, China, July 22–29.
- Li, D.-Z., H.-T. Li, T.-S. Yi, T. Zhang, L.-M. Gao, J.-B. Yang, P.-F. Ma, M. A. Gitzendanner, J. Cai, Y. Luo, H. Wang, S.-D. Zhang, D. E. Soltis, P. S. Soltis, P. H. Hollingsworth, **P. W. Fritsch**, M. van der Bank, and M. W. Chase. 2017. The quest for the origin and evolution of flowering plants using time-calibrated plastid phylogenomics. Keynote oral presentation at the International Botanical Congress 2017 conference in Shenzhen, China, July 22–29.
- Li, Gary, and **P. W. Fritsch**. 2017. A revision of the valvate group of *Styrax* series *Cyrta* (Styracaceae). Oral presentation at the Botany 2017 conference in Fort Worth, Texas, June 25–28.
- Fritsch, P. W.**, V. B. Amoroso, F. P. Coritico, and D. S. Penneys. 2017. Field exploration and new species of Ericaceae in Mindanao, Philippines. Oral presentation at the Botany 2017 conference in Fort Worth, Texas, June 25–28.
- Fritsch, P. W.**, and C. M. Nowell. 2017. Cryptic species in western North American redbuds (*Cercis*). Oral presentation at the 64th Annual Meeting of the Southwestern Association of Naturalists, April 16–19, 2017.
- Fritsch, P. W.**, L. Lu, J. Peng, C. M. Bush, H. Wang, M.-Y. Zhang, K. A. Kron, and D.-Z. Li. 2016. Fruit evolution, lineage diversification, and biogeographical patterns in the circum-Pacific tribe Gaultherieae (Ericaceae). Oral presentation at the Botany 2016 national meeting, Savannah, Georgia, August 1–4.
- Best, J. H., Rehman, T. F., and **P. W. Fritsch**. 2016. BRISC: BRIT Rapid Inventory of Specimen Collections. Poster presentation at the Botany 2016 national meeting, Savannah, Georgia, August 1–4.
- Rehman, T. F., J. H. Best, and **P. W. Fritsch**. 2016. A deeper understanding of collection scope through a rapid collection inventory. Oral presentation at the Botany 2016 national meeting, Savannah, Georgia, August 1–4.
- Amoroso, V. B., T. Gronemeyer, F. Coritico, F. Acma, and **P. W. Fritsch**. 2016. Mt. Hamiguitan: A UNESCO World Heritage Site and sanctuary for Philippines *Nepenthes* and pteridophytes. Oral presentation at the Flora Malesiana Conference, Edinburgh, Scotland, July 11–15.
- Fritsch, P. W.**, V. B. Amoroso, D. S. Penneys, B. C. Tan, J. R. Shevock, and F. P. Coritico. 2016. Plant exploration and discovery in Mindanao, Philippines. Oral presentation at the Flora Malesiana Conference, Edinburgh, Scotland, July 11–15.
- Penneys, D. S., F. Almeda, F. Michelangeli, and **P. W. Fritsch**. 2015. Progress towards a revised classification of the Melastomataceae. Oral presentation at the Botany 2015 international meeting, Edmonton, Canada, July 26–30.
- Fritsch, P. W.**, C. Nowell, L. S. T. Leatherman, and B. C. Cruz. 2015. Cryptic species and leaf adaptations in North American *Cercis*. Oral presentation at the Botany 2015 international meeting, Edmonton, Canada, July 26–30.
- Nowell, C. and **P.W. Fritsch**. 2015. Cryptic species in North American *Cercis*? California Native Plant Society meeting, San Jose, California, January 17–18.

- Fritsch, P. W., L. Lu, and H. Wang. 2014. The species of *Gaultheria* series *Trichophyllae* from the Gaoligong and Biluo snow mountains of southwestern China. Oral presentation at the Botany 2014 national meeting, Boise, Idaho, July 27–31.
- Penneys, D. S., F. Almeda, F. Michelangeli, and **P. W. Fritsch**. 2013. A survey of remarkable evolutionary trends in the Melastomataceae. Oral presentation at the Botany 2013 national meeting, New Orleans, Louisiana, July 27–31.
- Leatherman, L. S. T., C. Nowell, A.M. Schiller, B.C. Cruz, and **P. W. Fritsch**. 2013. Taxonomic and adaptive significance of morphological variation in North American *Cercis*. Poster presentation at the Society for Integrative and Comparative Biology conference, San Francisco, California, January 3–7.
- Fritsch, P. W.**, C. Pereira, D. Almenara, C. Winter, H. Lambers, F. Almeda, and R. Oliveira. 2012. Underground leaves of *Philcoxia* (Plantaginaceae) trap and digest nematodes. Oral presentation at the Botany 2012 national meeting, Columbus, Ohio, July 7-12.
- Kron, K. A., W. S. Judd, C. M. Bush, **P. W. Fritsch**, L. Lu, and D.-Z. Li. 2012. A new classification of the wintergreen group (Gaultherieae) based on phylogenetic relationships and morphology. Oral presentation at the Botany 2012 national meeting, Columbus, Ohio, July 7–12.
- Fritsch, P. W.**, L. Lu, B. C. Cruz, H. Wang, and D.-Z. Li. 2012. A four-fold increase in the species diversity estimates of the Himalaya-Hengduan Mountains endemic *Gaultheria* ser. *Trichophyllae* (Ericaceae). Oral presentation at the Botany 2012 national meeting, Columbus, Ohio, July 7–12.
- Kron, K. A., C. M. Bush, S. J. Wagstaff, and **P. W. Fritsch**. 2011. The phylogeny, biogeography and morphological evolution of *Gaultheria* (Ericaceae) from Australia and New Zealand. Poster presentation at the International Botanical Congress 2011, Melbourne, Australia, July 23–30.
- Oliveira, R. S., C. G. Pereira, and **P. W. Fritsch**. 2011. Evidence of plant carnivory in *Philcoxia* (Plantaginaceae): underground leaves for nutrient acquisition from nematodes. Poster presentation at the International Botanical Congress 2011, Melbourne, Australia, July 23–30.
- Bush, C. M., **P. W. Fritsch**, and K. A. Kron. 2011. A taxonomic revision of the genus *Gaultheria* (Ericaceae) in Australia and New Zealand. Oral presentation at the Botany 2011 national meeting, St. Louis, Missouri, July 9–13.
- Bush, C. M., **P. W. Fritsch**, B. C. Cruz, A. Sanchez, and K. A. Kron. 2010. The phylogeny, morphology, and biogeography of the Brazilian *Gaultheria* species. Oral presentation at the Botany 2010 national meeting, Providence, Rhode Island, August 1–5.
- Fritsch, P. W.**, L. Lu, B. C. Cruz, H. Wang, and D.-Z. Li. 2010. Reticulate evolution, cryptic species, and character convergence in the core East Asian clade of *Gaultheria* (Ericaceae). Oral presentation at the Botany 2010 national meeting, Providence, Rhode Island, August 1–5.
- Bush, C. M., Wagstaff, S. J., **P. W. Fritsch**, and K. A. Kron. 2009. The phylogeny, biogeography, and morphological evolution of *Gaultheria* (Ericaceae) from Australia and New Zealand. Oral presentation at the Botany 2009 national meeting, Snowbird, Utah, July 26–30.
- Bush, C. M., **P. W. Fritsch**, B. C. Cruz, L. Lu, A. Sanchez, and K. A. Kron. 2009. The phylogeny and morphology of the Brazilian *Gaultheria* species. Poster presented at the Botany 2009 national meeting, Snowbird, Utah, July 26–30.

- Fritsch, P. W.**, A. M. Schiller, B. C. Cruz, and E. L. Davis. 2009. Taxonomic implications of morphological character variation in *Cercis canadensis* (Fabaceae) from Mexico and adjacent parts of Texas. Oral presentation at the Botany 2009 national meeting, Snowbird, Utah, July 26–30.
- Ranarivelo, H., F. Almeda, and **P. W. Fritsch**. 2009. Phylogenetic analysis of the Malagasy endemic genus *Rousseauxia* (Melastomataceae) based on morphological characters—preliminary results. Poster presented at the Botany 2009 national meeting, Snowbird, Utah, July 26–30.
- Garrison, L. M., **P. W. Fritsch**, J. A. Miller, and B. A. Bartholomew. 2009. Biodiversity of the Gaoligongshan, Yunnan, China. Poster presented at the Botany 2009 national meeting, Snowbird, Utah, July 26–30.
- Strijk, J. S., R. E. Bone, **P. W. Fritsch**, T. R. Hodkinson, C. Thébaud, S. Waldren, and D. Strasberg. 2009. Evolution of the genus *Badula* (Myrsinaceae): endemic rare trees of the Mascarene Islands. Poster at symposium: Evolutionary Islands 150 Years after Darwin, February 2009, Leiden, Netherlands.
- Fritsch, P. W.**, L. H. Zhou, L. Lu, and B. Bartholomew. 2008. A taxonomic revision of *Gaultheria* (Ericaceae) in the Gaoligong Shan, a biodiversity hotspot at the border of China and Burma. Oral presentation at the annual Botanical Society of America meeting, Vancouver, Canada, July 28–30, 2008.
- Kriebel, R., **P. W. Fritsch**, and F. Almeda. 2007. The discovery of stylyar oil in *Symplocos* and its role in secondary pollen presentation. Poster at ASPT annual meeting, July 8–11, Chicago, Illinois.
- Fritsch, P. W.**, S. R. Manchester, and F. Almeda. 2007. Biogeographic patterns in the amphipacific tropical disjunct *Symplocos* (Symplocaceae) support the boreotropics hypothesis. ASPT annual meeting, July 8–11, Chicago, Illinois.
- Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2007. As espécies Brasileiras da seção *Barberina* (*Symplocos*, Symplocaceae) são androdioicas? Uma análise baseada no estudo de pólen. Poster at Brazilian Botanical Congress annual meeting.
- Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2006. Uma nova espécie de *Symplocos* Jacq. (Symplocaceae) da Serra do Cipó, Minas Gerais. Poster at Brazilian Botanical Congress annual meeting.
- Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2006. Revisão taxonômica da seção *Neosymplocos* Brand (*Symplocos* Jacq., Symplocaceae). Poster at Brazilian Botanical Congress annual meeting.
- Zhou, L. H., **P. W. Fritsch**, and B. A. Bartholomew. 2006. The Symplocaceae of Gaoligong Shan. Poster at Kunming Institute of Botany Summer Symposium for C. Y. Wu 90th birthday celebration.
- Bush, C., L. Lu, **P. W. Fritsch**, and K. A. Kron. 2006. The phylogeny, morphology, and biogeography of the wintergreen group (Gaultherieae; Vaccinioideae; Ericaceae; Ericales). ASPT annual meeting, Chico, CA.
- Fritsch, P. W.**, F. Almeda, and S. R. Manchester. 2006. Phylogeny and classification of Symplocaceae: stasis, ranks, and the fossil record. ASPT annual meeting, Chico, CA.
- Fritsch, P. W.** 2005. Madrean-Tethyan links and amphipacific tropical disjunctions. NESCent workshop, Duke University, NC.
- Aranha Filho, J. L. M., **P. W. Fritsch**, F. Almeda, and A. B. Martins. 2005. Duas novas espécies de *Symplocos* Jacq. (Symplocaceae) de Minas Gerais, Brasil. Brazilian Botanical Congress, Curitiba, Brazil.

- Fritsch, P. W.** 2005. Phylogeny and biogeography of Styracaceae, Symplocaceae, and Diapensiaceae. International Botanical Congress, Vienna, Austria.
- Fritsch, P. W.**, Y. G. Wang, S. H. Shi, F. Almeda, and B. C. Cruz. 2003. Phylogeny and infrageneric classification of *Symplocos* (Symplocaceae) inferred from DNA sequence data. ASPT annual meeting, Mobile, Alabama.
- Fritsch, P. W.**, F. Almeda, S. S. Renner, A. B. Martins, and B. C. Cruz. 2002. Phylogenetic analysis of the Microlicieae (Melastomataceae) using ITS and *rpl16* intron sequences. ASPT Poster Session, Madison, WI.
- Fritsch, P. W.** 2001. The historical biogeography of Antillean *Styrax* (Styracaceae). ASPT annual meeting, Albuquerque, NM.
- Fritsch, P. W.**, C. C. Davis, J. H. Li, and M. J. Donoghue. 2001. The phylogeny and historical biogeography of *Cercis*: evidence from ITS and *ndhF* DNA sequences. ASPT annual meeting, Albuquerque, NM.
- Fritsch, P. W.** and C. M. Morton. 2000. Phylogeny of the Styracaceae based on four data sets: Implications for the historical biogeography of the northern hemisphere and amph-Pacific tropical disjunctions. American Journal of Botany 87(supplement): 100–101. Part of BSA/ASPT symposium "Historical Biogeography of the Northern Hemisphere."
- Fritsch, P. W.** and C. M. Morton. 1999. Phylogeny of Styracaceae based on morphological characters. IBC Poster Session, St. Louis, Missouri.
- Fritsch, P. W.** 1999. Integrating molecular and morphological bases for systematics at museums. Stanford University Spring 1999 Symposium, "Museums, universities, and biodiversity in the 21st century."
- Fritsch, P. W.** 1998. Phylogeny of *Styrax* (Styracaceae) based on morphological characters, with implications for biogeography and infrageneric classification. American Journal of Botany 85(supplement): 130. A.I.B.S.
- Fritsch, P. W.** 1996. Patterns of genetic and morphological variation in Californian *Styrax* (Styracaceae). American Journal of Botany 83(supplement): 157. A.I.B.S.
- Fritsch, P. W.** 1996. A revision of *Styrax* (Styracaceae) from western Texas, Mexico, and Mesoamerica. American Journal of Botany 83(supplement): 156–157. A.I.B.S.
- Rieseberg, L. H., and **P. W. Fritsch**. 1994. RAPD markers in conservation biology. Proc. Pacific Div., AAAS 13:91. Symposium entitled "Molecular genetic approaches in conservation," AAAS, Pacific Division.
- Fritsch, P. W.** 1994. Phylogenetic analysis of *Styrax* (Styracaceae) based on ribosomal DNA sequences from the ITS region. American Journal of Botany 81(supplement): 156. A.I.B.S.
- Hanson, M. A., **Fritsch, P.**, and L. H. Rieseberg. 1993. Level and distribution of genetic diversity of endangered *Pogogyne* (Lamiaceae); genetic evidence warrants recognition of a new species from Baja California. American Journal of Botany 80(supplement): 152. A.I.B.S.
- Fritsch, P.**, and L. H. Rieseberg. 1993. Chloroplast DNA restriction site analysis of *Styrax Series Imbricatae* (Styracaceae): Implications for the Madrean-Tethyan hypothesis. American Journal of Botany 80(supplement): 149. A.I.B.S.
- Fritsch, P.**, and L. H. Rieseberg. 1992. Outcrossing rates and the maintenance of androdioecy in *Datisca glomerata* (Datisceae). American Journal of Botany 79(supplement): 144. A.I.B.S.
- Fritsch, P.**, and R. Scogin. 1991. Phylogenetic and ecological implications of secondary phenolic chemistry of the Callitrichaceae. American Journal of Botany 78(supplement): 188. A.I.B.S.

Invited Seminars Presented

Texas Christian University (Keynote address for Annual Science Fair), 2017
Botanical Research Institute of Texas, 2017
Botanical Research Institute of Texas, 2015
Central Mindanao University, Philippines, 2015
Camiguin Polytechnic State College, Philippines, 2015
Kunming Institute of Botany, 2014
University of California-Berkeley Herbarium, 2013
Quarryhill Botanical Garden, 2012
California Botanical Society, 2009 (at UC Berkeley)
Quarryhill Botanical Garden, 2008
University of California-Davis, 2008
Landcare Research, New Zealand, 2007
California Academy of Sciences brown-bag seminar on Gaoligongshan expedition, 2006
Hunan Normal University, 2006
Javeriana University, Bogotá, Colombia, 2006
Kunming Institute of Botany, 2005
Yunnan University, 2005
Stockholm University, 2004
San Francisco State University, 2002
Zhongshan University, Guangzhou, Peoples Republic of China, 2002
California Academy of Sciences Seminar Series, 2001
Colorado State University, 1999
Sonoma State University, 1999
Stanford University (Spring Symposium), 1999
Two 3-hr lectures to museum docents entitled "The evolution of early land plants", 1997
California Academy of Sciences (Bay Area Biosystematists), 1997
Rancho Santa Ana Botanic Garden, 1997
Stanford University, 1997
California Botanical Society, 1997
Bay Area Biosystematists, 1996
Department of Botany, Duke University, 1996
University of Washington, 1995
Michigan State University, 1995
California Academy of Sciences, 1995
Institute of Biodiversity of Nepal, 1994
Rancho Santa Ana Botanic Garden, 1994
Department of Botany, Duke University, 1994
Rancho Santa Ana Botanic Garden, 1992

Professional Service

Section Editor, *Ericales*, *Phytotaxa*, 2016–
Member, Program Committee, Quarryhill Botanical Garden Board, 2013–2014
Member, Education Committee, Quarryhill Botanical Garden Board, 2010–2014
Member, Environment and Public Policy Committee, American Society of Plant Taxonomists, 2013–
Subject Editor, *Nordic Journal of Botany*, 2013–2016

Judge for Cooley Award for best presentation by young investigator, American Society of Plant Taxonomists at Botany 2012 in Columbus, OH
Awards Committee, American Society of Plant Taxonomists Botany 2010 meeting in Providence, RI
Program reviewer for Kunming Institute of Botany 3-year performance evaluation, 2006
Session Moderator, ASPT annual meetings, 2003, 2012
Member, Editorial Committee, Systematic Botany Monographs, 2002–2003
Vice President, California Botanical Society, 2001–2002
Organizer (with Dr. Timothy McDowell) of “Biogeography and phylogeny of Caribbean plants,” a half-day symposium jointly sponsored by the American Society of Plant Taxonomists and the Botanical Society of America, Albuquerque, New Mexico, 2000–2001.
Steering Committee, Bay Area Biosystematists, 1998–99
Chair, Curators Forum, CAS, 1998–99
Secretary, Curators Forum, CAS, 1997–98
Coordinator, CAS Systematics Discussion Group, 1996
Coordinator, Duke Systematics Discussion Group, 1994–1995
Associate Editor, Biotechnology and Biodiversity Letters (Nepal), 1994–
Graduate Student Representative to the Faculty, Claremont Graduate School, 1993
Member, Graduate Student Council, Claremont Graduate School, 1992

Reviewer for the following scientific publications and organizations:

American Journal of Botany, Annalen des Naturhistorischen Museums, Annals of Botany, Annals of the Missouri Botanical Garden, BMC Evolutionary Biology, Botanical Review, Brittonia, Genome, International Journal of Molecular Sciences, International Journal of Plant Sciences, Journal of Biogeography, Journal of Systematics and Evolution), Kew Bulletin, Madroño, Molecular Ecology, Molecular Phylogenetics and Evolution, Nordic Journal of Botany, Novon, Phytokeys, Plant Science, Plant Systematics and Evolution, PLOS ONE, New Phytologist, Nordic Journal of Botany, Phytokeys, Novon, Phytotaxa, Proceedings of the California Academy of Sciences, Sibbaldia, Systematic Biology, Systematic Botany, Turkish Journal of Botany;

National Science Foundation, National Geographic Society

Professional Societies

American Public Gardens Association; American Society of Plant Taxonomists; Botanical Society of America; International Association of Plant Taxonomy; Natural Science Collections Alliance

Field Experience

Malaysia, Sabah, Borneo, 2009, 2017; Southern and Southwestern China, 1997, 2000, 2002, 2004, 2005, 2006, 2011, 2013, 2014, 2016; Philippines (Mindanao), 2014, 2015; Philippines (southern Luzon), 2011; Southeastern Brazil, 2001, 2004, 2005, 2009; New Zealand, 2007; Central Colombia, 2006; Southern Mexico, 1992, 1995, 2004; Puerto Rico, 2003; Dominican Republic, 2001; Cuba, 2000; Madagascar, 1998; Eastern Nepal, 1994; Greece, 1993; Baja California, Mexico, 1993; West Texas and northeastern Mexico, 1991; California, ongoing

since 1990; north-central Texas, ongoing since 2015; San Clemente Island, California, 1990; Hillsdale County, Michigan, 1985–1989; University of Michigan Biological Station, 1982

Hobbies:

Hiking, birding, American history, classical and popular piano