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PETER WARREN FRITSCH  
Curriculum Vitae

**Birthplace**

Milwaukee, Wisconsin

**Address**

Fort Worth Botanic Garden  
Botanical Research Institute of Texas  
1700 University Drive  
Fort Worth, Texas 76107-3400, USA

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profile on: [www.fwbg.org](http://www.fwbg.org), [www.researchgate.net](http://www.researchgate.net); with blogs and stories on other sites,  
e.g., [https://www.youtube.com/watch?v=zabV\\_bIv7PY](https://www.youtube.com/watch?v=zabV_bIv7PY)

**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 and Conservation, Fort Worth Botanic Garden, 2016–

Director of the Herbarium, Botanical Research Institute of Texas, 2015–

**Appointments**

Graduate Associate Faculty, Texas Christian University, 2017–

Adjoint Faculty, University of Texas Arlington, 2017–

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**

Plant nomenclature and phylogenetics course, Texas Christian University, 2023  
Phylogenetics course, Texas Christian University, 2021  
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 (2015), 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, California Academy of Sciences: 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  
Ph.D. Committee member (co-advisor), Texas Christian University, Maverick Tamayo  
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, Lucia Garcia.  
M.Sc. Committee member (co-advisor), Texas Christian University, Maverick Tamayo, Ediel Esparza  
Ph.D. Committee member, Lucia Vargas (TCU) Andotiana Mihajamalala Andriamanohera (University of Texas at Arlington), Anna Becker (University of Florida)  
M.Sc. Committee member, University of North Carolina at Wilmington, Shiella Olimpos  
Post-doc (shared advisorship with other curators, California Academy of Sciences): Dylan Burge, Darin Penneys, R. Douglas Stone  
Ph.D. Committee member, Wendy Mustaqim (Program Studi Biologi, Universitas Samudra, Langsa, Indonesia).

## Grants and Awards

National Science Foundation, DBI 2101884: “Digitization TCN: Collaborative Research: Bringing Asia to digital life: mobilizing underrepresented Asian herbarium collections in the US to propel biodiversity discovery,” September 15, 2021–August 31, 2025, \$1,632,344 total. \$101,426 to Botanical Research Institute of Texas. Charles Davis, lead PI (Harvard University); Peter Fritsch, collaborative PI. Subaward through the University of Colorado, Erin Tripp, collaborative PI.  
National Science Foundation, DEB 2038217: “Collaborative Research: An investigation of the evolution and taxonomy of the true blueberries (*Vaccinium* section *Cyanococcus*),” December 15, 2020–November 30, 2023, \$785,115 total, \$240,400 to Botanical Research Institute of Texas. Paul Manos, lead PI (Duke University); Peter Fritsch, collaborative PI.  
National Science Foundation, DBI 1902078: “Digitization TCN: Collaborative: American crossroads: digitizing the vascular flora of the South-Central United States,” September 1, 2019–August 31, 2023, \$4,683,948 total, \$1,497,043 to Botanical Research Institute of Texas. Peter Fritsch, lead PI; Mark Fishbein, George Yatskievych, Abby Moore, Bruce Hoagland, and Daniel Spalink, collaborative PIs.  
National Science Foundation, DEB 1754697: “Collaborative Research: Plant discovery in the southern Philippines,” August 1, 2018–July 31, 2021, \$1,200,000 total, \$950,000 to Botanical Research Institute of Texas. Peter Fritsch, lead PI; Manuela Dal Forno, Daniel Nickrent, co-PIs; Darin Penneys, collaborative PI.  
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:

- Caylan, G.L. M.M.P. Medecilo-Guiang, **P.W. Fritsch**, and D.S. Penneys. Submitted. *Melastoma dinagatense* (Melastomataceae): a new ultramafic-obligate, microendemic species from Dinagat Island, Philippines. *Phytotaxa*.
- Lagunday, N.E., D.S. Penneys, Guiang, M.M.M., **P.W. Fritsch**, and V.B. Amoroso. Submitted. *Nepenthes ecleoi* (Nepenthaceae), a new species of pitcher plant from Dinagat Islands, Mindanao, Philippines. *Phytotaxa*.
- Mansibang, J.A., J.P.R. Collantes, L.C. Udasco Jr., A.L. Garrino, M.A.C. Bautista, **P.W. Fritsch**, A.B. Tobias, Y.P. Ang, M.N. Tamayo, R.R.R. Descalzo, J.R.C. Callado, and R.A.A.B. Bustamante. In press. A preliminary checklist of native vascular plants in the Pantabangan-Carranglan Watershed Forest Reserve, Luzon Island, Philippines. *Nordic Journal of Botany*.
- Fritsch, P.W.** Submitted. Taxonomic revision of *Vaccinium myrtilus*. *Journal of the Botanical Research Institute of Texas*.

### In press:

- Tamayo, M.N. and **P.W. Fritsch**. Submitted. *Vaccinium homeoticum* (Ericaceae), a new species from Rossel and Sudest Islands, Louisiade Archipelago, Papua New Guinea. *Telopea*.
- Manos, P.S., A.A. Crawl, G.S. Tiley, and **P.W. Fritsch**. In press. Evolution and taxonomy of the polyploid true blueberries (*Vaccinium* sect. *Cyanococcus*) endemic to the Southern Appalachian Region. *Systematic Botany*.
- Caballes, K.B.M.L., N.P. Mendez, M.S. Acola, D.S. Penneys, **P.W. Fritsch**, V.B. Amoroso, and F.P. Coritico. In press. Checklist of understory flowering plants in Talangisog Forest, Misamis Oriental, Philippines. *Philippine Journal of Science*.

### Published:

186. Tamayo, M.N., N.E. Lagunday, V.B. Amoroso, D.N. Tandang, **P.W. Fritsch**, and M.M. Medecilo-Guiang. 2026. *Gaultheria rostrata* (section *Diplycosia*, Ericaceae), a new wintergreen species endemic to Mindanao Island, Philippines. *Edinburgh Journal of Botany* 83, 2104: 1–10.
185. Coritico, F.P., P.J.F. Orias, M.S. Acola, A.J.D. Lagumbay, **P.W. Fritsch**, and V.B. Amoroso. 2026. *Plagiogyria longipinnata* (Plagiogyriaceae), a new fern species from Mount Redondo, Dinagat Island, Philippines. *Phytotaxa* 737(3): 191–198.
184. **Fritsch, P.W.**, A.A. Crawl, and P.S. Manos. 2025. Evolution and taxonomic revision of the “residual highbush” blueberries of *Vaccinium* sect. *Cyanococcus*. *Journal of the Botanical Research Institute of Texas* 19: 419–476.
183. Nguyen, T.T.H., S. Tagane, L.V. Averyanov, V.S. Dang, **P.W. Fritsch**, Y.-H. Tong, P. Souladeth, and M.S. Nuraliev. 2025. *Vaccinium bidoupense* (Ericaceae), a new species from Vietnam and Laos, with notes on *V. petelotii* and *V. pseudobullatum*. *PhytoKeys* 266: 75–96.

182. Becker, A.L., A.A. Crowl, A.S. Chanderbali, P.S. Soltis, N. Cellinese, and **P.W. Fritsch**. 2025. The spatiotemporal origin of Polynesian blueberries (*Vaccinium*). *American Journal of Botany* 112: e70113.
181. Shen, H.-H., X.-J. Cheng, **P.W. Fritsch**, Y.-R. Li, M.-Y. Zhang, Y.-J., Lin, and L. Lu. 2025. Geoclimatic and morphological heterogeneity explains genetic differentiation between the Himalayas and Hengduan Mountains in *Gaultheria* series *Trichophyllae* (Ericaceae). *Global Ecology and Conservation* 62: e03810.
180. Ang, Y.P., J.P.R. Collantes, L.M. Camangeg, A.B. Marcos-Langbao, **P.W. Fritsch**, and M.N. Tamayo. 2025. A new species of *Begonia* and rediscovery of *B. loheri* (section *Petermannia*, Begoniaceae) from Luzon Island, Philippines. *Gardens' Bulletin Singapore* 77: 89–99.
179. Dalastra, C.H., **P.W. Fritsch**, M.R. Gostel, and G. Heiden. 2025. New species and new records in *Agarista* (Ericaceae) from the Peruvian Andes. *Nordic Journal of Botany* 2025: e04769.
178. Mustaqim, W.A., M.N. Tamayo, Z.C. Arico, and **P.W. Fritsch**. 2025. *Rigiolepis bungeputih* (Ericaceae: Vaccinieae), a new species blueberry relative species from northern Gayo Plateau, Sumatra, Indonesia. *Telopea* 29: 119–125.
177. Tamayo, M.N., J.T. Pereira, and **P.W. Fritsch**. 2024. Two new species of tropical blueberry (*Vaccinium* L., Ericaceae) from central Sabah, Malaysian Borneo. *Sandakaniana* 25: 1–15.
176. Carruthers, T., D.J.P. Gonçalves, P. Li, A.S. Chanderbali, C.W. Dick, **P.W. Fritsch**, D.A. Larson, D.E. Soltis, P.S. Soltis, W.N. Weaver, and S.A. Smith. 2024. Repeated shifts out of tropical climates preceded by whole genome duplication. *New Phytologist* 244: 2561–2575.
175. **Fritsch, P.W.**, A.A. Crowl, and P.S. Manos. 2024. *Vaccinium virgatum* (Ericaceae): a species to be recognized. *Journal of the Botanical Research Institute of Texas* 18: 293–309.
174. Becker, A.L., A.A. Crowl, J.L. Luteyn, A.S. Chanderbali, W.S. Judd, P.S. Manos, D.E. Soltis, S.A. Smith, D.J.P. Goncalves, C.W. Dick, W.N. Weaver, P.S. Soltis, N. Cellinese, and **P.W. Fritsch**. 2024. A global blueberry phylogeny: evolution, diversification, and biogeography of Vaccinieae (Ericaceae). *Molecular Phylogenetics and Evolution* 201: 108202.
173. Cheng, X.-J., **P.W. Fritsch**, Y.-J. Lin, G.-H. Li, Y.-Q. Chen, M.-Y. Zhang, and L. Lu. 2024. The role of Pleistocene dispersal in shaping species richness of sky-island wintergreens from the Himalaya-Hengduan Mountains. *Molecular Phylogenetics and Evolution* 197: 108082.
172. Nowell, C.M. and **P.W. Fritsch**. 2024. *Cercis*. In M.M. McMahon et al. (eds.), *Legumes of Arizona. An illustrated flora and reference*, pp. 167–171. BRIT Press, Fort Worth.
171. Weakley, A.S., R.J. LeBlond, P.D. McMillan, B.A. Sorrie, D.B. Poindexter, J.B. Fuller, E.L. Bridges, B.J. Budach, S.C. Carr, A.A. Crowl, P.S. Manos, **P.W. Fritsch**, S.L. Orzell, J.K. Wipff, L.A. Messec, B. Dellinger, E.A. Ungberg, N.D. Yawn, A.M. Cressler, C. Oberholster, and T.W. Barger. 2024. Studies in the vascular flora of the Southeastern United States. X. *Journal of the Botanical Research Institute of Texas* 18: 17–77.
170. Olimpos, S.M., D.S. Penneys, D.S. Salas, F.P. Coritico, V.B. Amoroso, and **P.W. Fritsch**. 2024. *Saurauia decolorata* (Actinidiaceae), a new species from Mindanao, the Philippines. *Phytotaxa* 658(1): 99–108.
169. Li, Y.-R., **P.W. Fritsch**, G.-G. Zhao, X.-J. Cheng, Z.-L. Ding, and L. Lu. 2024. Population differentiation and dynamics of five pioneer species of *Gaultheria* from the secondary forests in subtropical China. *BMC Plant Biology* 24: 516.

168. Tamayo, M.N., V.B. Amoroso, F.P. Coritico, D.S. Penneys, J.R.C. Callado, J.D. Horner, and **P.W. Fritsch**. 2024. Three new species of *Vaccinium* L. (Ericaceae) from Mindanao Island, Philippines. *Phytotaxa* 167(1): 19–33.
167. **Fritsch, P.W.**, A.A. Crowl, H. Ashrafi, and P.S. Manos. 2024 [2022]. Systematics and evolution of *Vaccinium* sect. *Cyanococcus* (Ericaceae): progress and prospects. *Rhodora* 124: 301–332.
166. Tamayo, M.N. A.B. Marcos-Langbao, R.A.A. Bustamante, Y.P. Ang, D.C. Schubert, W.A. Mustaqim, **P.W. Fritsch**, and A.S. Robinson. 2023. *Rhododendron astrophorum* (Ericaceae, *Rhododendron* section *Schistanthe*), a new micro-endemic species from central Palawan, Philippines. *Edinburgh Journal of Botany* 80(1979): 1–14.
165. Mustaqim, W.A., M.N. Tamayo, R.W.K. Hutabarat, Z. Arico, and **P.W. Fritsch**. 2023. A new species of *Rigiolepis* (Ericaceae: Vaccinioideae) from Gayo Plateau, Aceh Province, Indonesia. *Webbia* 78: 73–78.
164. Amoroso, V.B., M.S. Acola, M.M.M. Guiang, F.M. Acma, **P.W. Fritsch**, and F.P. Coritico. 2023. A new species of grass fern, *Schizaea erectus* (Schizaeaceae), from Dinagat Island, Mindanao, Philippines. *Phytotaxa* 618(3): 265–273.
163. Ang, Y.P., J.P.R. Collantes, J. Mansibang, C.J.P. Dela Cruz, J.M. Aumentado, S.B. Bimeda, J.R. Callado, **P.W. Fritsch**, and R.A.A. Bustamante. 2023. Two new species of *Begonia* (Begoniaceae) from Aurora Memorial National Park, Luzon Island, Philippines. *Phytotaxa* 609(4): 253–264.
162. Li, Y.-R., Y.-L. Xu, **P.W. Fritsch**, and L. Lu. 2023. Patterns of genetic variation and morphology support the recognition of five species in the *Gaultheria leucocarpa* Blume (Ericaceae) group from mainland China. *Ecology and Evolution* 13: e10178.
161. Tamayo, M.N., E.S. Fernando, and **P.W. Fritsch**. 2023. *Vaccinium coarctatum* (Ericaceae), an ultramafic-obligate new species from the dwarf forest of Mt. Redondo, Dinagat Island, Philippines. *Edinburgh Journal of Botany* 80: 1–12.
160. **Fritsch, P.W.**, K.E. Armstrong, M.M. Aung, K. Fujikawa, and L. Lu. 2023. *Gaultheria* (Ericaceae) of Myanmar: an updated species list for the country, a new species, and a new species combination. *Phytotaxa* 595(1): 37–61.
159. Larson, D.A., A.S. Chanderbali, O. Maurin, D.J.P. Gonçalves, C.W. Dick, D.E. Soltis, P.S. Soltis, **P.W. Fritsch**, J.J. Clarkson, A. Grall, N.M.J. Davies, I. Larridon, I.A.B.S. Kikuchi, F. Forest, W.J. Baker, S.A. Smith, T.M.A. Utteridge. 2023. The phylogeny and global biogeography of Primulaceae based on high-throughput DNA sequence data. *Molecular Phylogenetics and Evolution* 182: 107702.
158. Crowl, A.A., **P.W. Fritsch**, G.P. Tiley, N.P. Lynch, T.G. Ranney, H. Ashrafi, and P.S. Manos. 2022. A first complete phylogenomic hypothesis for diploid blueberries (*Vaccinium* section *Cyanococcus*). *American Journal of Botany* 109: 1596–1606.
157. Mustaqim, W.A., **P.W. Fritsch**, R.P.P. Ahmad, F.S. Lakiu, R. Pitopang, and W.H. Ardi. 2022. *Vaccinium* (Ericaceae) in Sulawesi: a new species and a list of known taxa. *Telopea* 25: 301–307.
156. Tamayo, M.N. and **P.W. Fritsch**. 2022. Two new endemic species of blueberry (*Vaccinium* L., Ericaceae) from Luzon and Mindanao islands, Philippines. *Phytotaxa* 564: 139–148.
155. Tamayo, M.N. and **P.W. Fritsch**. 2022. *Vaccinium paradoxum* (Vaccinieae, Ericaceae), an unusual new species from sea cliffs on ultrabasic forest of Luzon Island, Philippines. *Taiwania* 67: 408–412.

154. Zhang, J., X.-J. Cheng, **P.W. Fritsch**, Y.-R. Li, S.-D. Yang, and L. Lu. 2022. Genetic variation in *Gaultheria nummularioides* (Ericaceae: Gaultherieae) from the sky islands of the Himalaya-Hengduan Mountains. *Diversity* 14: 652.
153. Penneys, D.S., F. Almeda, M. Reginato, F.A. Michelangeli, R. Goldenberg, **P.W. Fritsch**, and R. Douglas Stone. 2022. A new Melastomataceae classification informed by molecular phylogenetics and morphology. In R. Goldenberg et al. (eds.), *Systematics, evolution, and ecology of Melastomataceae*, pp. 109–165. Springer Nature Switzerland AG, Cham.
152. Reginato, M., F. Almeda, F.A. Michelangeli, R. Goldenberg, **P.W. Fritsch**, R.D. Stone, and D.S. Penneys. 2022. Historical biogeography of the Melastomataceae. In R. Goldenberg et al. (eds.), *Systematics, evolution, and ecology of Melastomataceae*, pp. 87–105. Springer Nature Switzerland AG, Cham.
151. Tong, Y.-H., **P.W. Fritsch**, Y.-H. Tan, M.M. Aung, B. Yang, and K.E. Armstrong. 2022. Novelties in Myanmar *Agapetes* (Ericaceae) with an updated list of species from the country. *Nordic Journal of Botany* e03496: 1–13.
150. Tong, Y.-H., **P.W. Fritsch**, N.T.T. Huong, L.V. Averyanov, A.N. Kuznetsov, S.P. Kuznetzova, and M.S. Nuraliev. 2022. Novelties in Vietnamese *Craibiodendron*, *Lyonia* and *Vaccinium* (Ericaceae). *Phytotaxa* 538(1): 21–34.
149. Tamayo, M.N., F.P. Coritico, V.B. Amoroso, D.S. Penneys, D.N. Tandang, and **P.W. Fritsch**. 2022. *Vaccinium carmesinum* (Ericaceae), a new species of blueberry from Mt. Tago Range, Mindanao Island, Philippines. *Phytotaxa* 533(3): 173–180.
148. **Fritsch, P.W.** 2021. Taxonomic notes on some *Styrax* (Styracaceae) species from Brazil. *Journal of the Botanical Research Institute of Texas* 15: 525–533.
147. Liu, W.-Z., J.-G. Xie, H. Zhou, H.-G. Kong, G. Hao, **P.W. Fritsch**, and W. Gong. 2021. Population dynamics linked to glacial cycles in *Cercis chuniana* F.P. Metcalf (Fabaceae) endemic to the montane regions of subtropical China. *Evolutionary Applications* 14: 2647–2663.
146. Li, H.-T., Y. Luo, L. Gan, P.-F. Ma, L.-M. Gao, J.-B. Yang, J. Cai, M.A. Gitzendanner, **P.W. Fritsch**, T. Zhang, J.-J. Jin, C.-X. Zeng, H. Wang, W.-B. Yu, R. Zhang, M. van der Bank, R.G. Olmstead, P.M. Hollingsworth, M.W. Chase, D.E. Soltis, P.S. Soltis, T.-S. Yi, and D.-Z. Li. 2021. Plastid phylogenomic insights into relationships of all flowering plant families. *BMC Biology* 19: 232.
145. Bartholomew, B., K.E. Armstrong, R. Li, and **P.W. Fritsch**. 2021. *Perrottetia taronensis* B.M.Barthol. & K.Armstr., sp. nov. (Dipentodontaceae), a new species from northwestern Yunnan Province, China and northern Kachin State, Myanmar and a re-examination of the Asian and Australasian taxa of *Perrottetia*. *PhytoKeys* 183: 67–76.
144. Manchester, S.R., T.A. Lott, F. Herrera, H. Hooghiemstra, V.M. Wijninga, and **P.W. Fritsch**. 2021. *Symplocos* fruits from the Pliocene of Colombia. *Systematic Botany* 46: 416–421.
143. Tamayo, M.N., R.A.A. Bustamante, and **P.W. Fritsch**. 2021. *Vaccinium exiguum* (Ericaceae, Vaccinieae), a new species from the ultramafic summit of Mt. Victoria, Palawan Island, Philippines. *PhytoKeys* 179: 145–154.
142. Yan, M.-H., C.-Y. Li, **P.W. Fritsch**, J. Cai, and H.-C. Wang. 2021. Phylogeny of the Styracaceae revisited based on whole plastome sequences, including novel plastome data from *Parastyrax*. *Systematic Botany* 46: 162–174.

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### **Presentations and Posters at Professional Meetings**

- Tamayo, M.N., **P.W. Fritsch**, and M.C. Hale. 2026. Phylogeny, hybridization, and evolution of the true blueberries (*Vaccinium* section *Cyanococcus*, Ericaceae) of Eastern United States. Poster presentation at the 23rd SERC research symposium, College of Science and Engineering, Texas Christian University, Fort Worth, Texas, USA, 16 April.
- Amoroso, V.B., F.P. Coritico, **P.W. Fritsch**, N.E. Lagunday, and A.J.D. Lagumbay. 2025. The endangered flora of southern Philippines and new discoveries. Poster presentation at the Regional Symposium on Research and Development, Central Mindanao University, Musuan, Philippines, 27–28 November.

- Rehman, T, **P.W. Fritsch**, M. Fishbein, A. Moore, B. Hoagland, D. Spalink, G. Yatskievych, D. Barroso, J. Best, A. Bales, and L. Hoff. 2025. TORCH Ignited: an update on digitization efforts of the Texas Oklahoma Regional Consortium of Herbaria. Oral presentation at the Texas Plant Conservation Conference, Ladybird Johnson Wildflower Center, Austin, Texas, 16–18 July.
- Fritsch, P.W.**, M. Fishbein, A. Moore, D. Spalink, G. Yatskievych, J.H. Best, D. Barroso, T. Rehman, and A. Bales. 2025. TORCH Ignited: an update on specimen data mobilization from the Texas Oklahoma Regional Consortium of Herbaria Thematic Collections Network. Poster presentation at the Botany 2025 conference, Palm Springs, California, 27–30 July.
- Schmidt, H., A. Linan, A. Asase, I. Borokini, A. Colwell, C. Davis, N. Franz, **P.W. Fritsch**, E. Gilbert, B. Isaac, R. Johnson, B. Kaplin, R. Kartzinel, L. Kawasaki, J. Kennedy, J. Kluse, E. Kramer, L. Lagomarsino, T. Livshultz, M. McMahon, B. Mishler, T. Mzumara, M. Nazaire, N. Obiang, S. Orli, K. Pearson, A. Townsend., D. Potter, M. Power, T. Rehman, M. Schull, E. Schuettpelz, D. Simmons, C. Smith, N. Snow, P. Sweeney, N. Tarnowsky, J. Teisher, G. Weiblen, T. Whitfeld, J. Wiczorek, and P. Zermoglio. 2025. Digitization and Enrichment of U.S. Herbarium Data from Tropical Africa to Enable Urgent Quantitative Conservation Assessments. Oral presentation at the Botany 2025 conference, Palm Springs, California, 27–30 July.
- Schmidt, H., A. Linan, A. Asase, I. Borokini, A. Colwell, C. Davis, N. Franz, **P.W. Fritsch**, E. Gilbert, B. Isaac, R. Johnson, B. Kaplin, R. Kartzinel, L. Kawasaki, J. Kennedy, J. Kluse, E. Kramer, L. Lagomarsino, T. Livshultz, M. McMahon, B. Mishler, T. Mzumara, M. Nazaire, N. Obiang, S. Orli, K. Pearson, A. Townsend., D. Potter, M. Power, T. Rehman, M. Schull, E. Schuettpelz, D. Simmons, C. Smith, N. Snow, P. Sweeney, N. Tarnowsky, J. Teisher, G. Weiblen, T. Whitfeld, J. Wiczorek, and P. Zermoglio. 2025. Digitization and Enrichment of U.S. Herbarium Data from Tropical Africa to Enable Urgent Quantitative Conservation Assessments. Poster presentation at the Botany 2025 conference, Palm Springs, California, 27–30 July.
- Fritsch, P.W.**, A.A. Crawl, and P.S. Manos. 2025. Systematics and evolution of the true blueberries (*Vaccinium* sect. *Cyanococcus*, Ericaceae). Oral presentation at the Botany 2025 conference, Palm Springs, California, 27–30 July.
- Tamayo, M.S., M. Hale, and **P.W. Fritsch**. 2025. Taxonomic revision of the tropical blueberries (*Vaccinium* L., Ericaceae) of the Philippines. Oral presentation at the Botany 2025 conference, Palm Springs, California, 27–30 July.
- Fritsch, P.W.**, D. Penneys, D. Nickrent, M. Dal Forno, J. Shevock, J. Brinda, F. Coritico, and V. Amoroso. Plant and lichen discovery in the Southern Philippines. Oral presentation at the Botany 2025 conference, Palm Springs, California, 27–30 July.
- Tamayo, M.N., M.C. Hale, and **P.W. Fritsch**. 2025. Phylogeny and biogeography of the Asian tropical blueberries of the tribe Vaccinieae (Ericaceae). College of Science and Engineering, Texas Christian University, 22nd SERC Research Symposium, Fort Worth, Texas, 25 April.
- Fritsch, P.W.**, A.A. Crawl, B.A. Sorrie, and P.S. Manos. 2024. Systematics and evolution of the true blueberries (*Vaccinium* sect. *Cyanococcus*, Ericaceae). Oral presentation at the 20th meeting of the International Botanical Congress, Madrid, Spain, 21–27 July.
- Tamayo, M.N., W.A. Mustaqim, J.D. Horner, M.C. Hale, and **P.W. Fritsch**. 2024. Taxonomy, biogeography, and sectional boundaries of the tropical blueberries (Vaccinieae, Ericaceae) of Malesia. Oral presentation at the 20th meeting of the International Botanical Congress, Madrid, Spain, 21–27 July.

- Dalastra, C.H., **P.W. Fritsch**, M. Gostel, and G. Heiden. 2024. To the mountains and beyond: diversity and systematics of *Agarista* (Ericaceae) in the Americas. Oral presentation at the 20th meeting of the International Botanical Congress, Madrid, Spain, 21–27 July.
- Cheng, X.-J., **P.W. Fritsch**, Y.J. Lin, M.-Y. Zhang, and L. Lu. 2024. The role of Pleistocene dispersal in shaping species richness of sky-island wintergreens from the Himalaya-Hengduan Mountains. Poster presentation at the 20th meeting of the International Botanical Congress, Madrid, Spain, 21–27 July.
- Fritsch, P.W.**, A.L. Becker, A.A. Crowl, J.L. Luteyn, A.S. Chanderbali, W.S. Judd, P.S. Manos, P.S. Soltis, D.E. Soltis, S.A. Smith, D.J.P. Goncalves, C.W. Dick, W.N. Weaver, and N. Cellinese. 2024. A global blueberry phylogeny: evolution, diversification, and biogeography of tribe Vaccinieae (Ericaceae). Poster presentation at the 20th meeting of the International Botanical Congress, Madrid, Spain, 21–27 July.
- Fritsch, P.W.** 2021. Significant findings on Philippine flora & implications for citizen science. Online oral presentation (plenary speaker) at the International Conference on Biodiversity and CEBREM 10th Anniversary, Central Mindanao University, Musuan, Philippines, 16–18 November.
- Fritsch, P.W.**, P.S. Manos, and A.A. Crowl. 2020. Taxonomy and conservation of the native true blueberries (*Vaccinium* sect. *Cyanococcus*) in Texas. Online oral presentation at the Texas Plant Conservation Conference, Botanical Research Institute of Texas, Fort Worth, TX, 13–14 July.
- Crowl, A., G. Tiley, **P.W. Fritsch**, and P.S. Manos. 2020. A phylogenomic investigation into polyploidy and cryptic diversity in the true blueberries. Video presentation at online Botany 2020 conference, 27–31 July.
- Becker, A., **P.W. Fritsch**, and N. Cellinese. 2020. Evolution of Hawaiian blueberries (*Vaccinium*). Poster presentation at online Botany 2020 conference, 27–31 July.
- Fritsch, P.W.**, D.S. Penneys, D.L. Nickrent, M. Dal Forno, V.B. Amoroso, F.P. Coritico, J.R. Shevock, J.C. Brinda, A. Gerlach, J.P. Mancera, J.M. Galindon, D.N. Tandang, and V. Handley. 2020. Plant and lichen discovery in the southern Philippines: results from initial expeditions. Video presentation at online Botany 2020 conference, 27–31 July.
- Fishbein, M., **P.W. Fritsch**, B.W. Hoagland, A.J. Moore, D. Spalink, and G.Y. Yatskievych. 2019. American crossroads: digitizing the vascular flora of the South-Central United States. Oral presentation at the Annual Technical Meeting of the Oklahoma Academy of Science, University of Central Oklahoma, Edmond, OK, 8 November.
- Fritsch, P.W.** 2019. American crossroads: digitizing the vascular flora of the South-Central United States. Oral Presentation at iDigBio Summit, University of Florida, Gainesville, FL, 1–3 October.
- Fritsch, P.W.**, et al. 2019. Initiation of a large-scale survey of land plants and lichens in the southern Philippines. Oral presentation at Flora Malesiana symposium 11, Bandar Seri Begawan, Brunei, 30 June–5 July.
- Coritico, F., V.A. Amoroso, and **P.W. Fritsch**. 2019. Vascular plant diversity in Mt. Limbawon, Philippines. Oral presentation at Flora Malesiana symposium 11, Bandar Seri Begawan, Brunei, 30 June–5 July.
- Mancera, J., D.S. Penneys, F. Almeda, and **P.W. Fritsch**. 2019. Morphological phylogeny of the Astronieae and taxonomic implications for *Beccarianthus*. Oral presentation at Flora Malesiana symposium 11, Bandar Seri Begawan, Brunei, 30 June–5 July.

- Crowl, A., E. Young, N. Lynch, T. Ranney, H. Ashrafi, **P.W. Fritsch**, and P. Manos. 2019. Evolution of the true blueberries: a phylogenomic, cytogenetic, and morphological investigation into the reticulate polyploid clade, *Vaccinium* section *Cyanococcus*. Oral presentation at Botany 2019 conference, Tucson, AZ, 23–27 July.
- Rehman, T.F., J.H. Best, **P.W. Fritsch**, A.B. Young, M. Madrid, A. Bordelon. 2018. Rescue of a large orphaned herbarium collection: Addressing the security, accessibility, and repatriation of the NLU Herbarium. Oral presentation at the Texas Plant Conservation Conference, Fort Worth, Texas, 18–20 September.
- Fritsch, P.W.** 2018. Research avenues in the conservation of *Styrax platanifolius*, including the endangered Texas snowbell. Oral presentation at the Texas Plant Conservation Conference, Fort Worth, Texas, 18–20 September.
- Rehman, T.F., J.H. Best, **P.W. Fritsch**, A.B. Young, M. Madrid, A. Bordelon. 2018. Rescue of a large orphaned herbarium collection: Addressing the security, accessibility, and repatriation of the NLU Herbarium. Oral presentation at the Society for the Preservation of Natural History Collections, Dunedin, New Zealand, September 2018. *Biodiversity Information Science and Standards*. doi: 10.3897/biss.2.26312.
- Fritsch, P.W.**, W. Brian Simison, B.C. Cruz, E.L. Schneider, and D.D. Allshouse. 2018. A remarkable population of *Vaccinium* (Ericaceae) from San Bruno Mountain, California: hybrid or new species? Oral presentation at the Botany 2018 conference, Rochester, Minnesota, 23–26 July.
- 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, 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, 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, Shenzhen, China, 22–29 July.
- 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, Fort Worth, Texas, 25–28 June.
- 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, 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.
- 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. Coritoco, 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, 3–7 January.
- 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 conference, 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, Leiden, Netherlands, February.
- 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.
- Kriebel, R., **P.W. Fritsch**, and F. Almeda. 2007. The discovery of styelar oil in *Symplocos* and its role in secondary pollen presentation. Poster at ASPT annual meeting, Chicago, Illinois, July 8–11.
- 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, Chicago, Illinois, July 8–11.

- 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, California.
- 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 amphi-Pacific tropical disjunctions. NESCent workshop, Duke University, North Carolina.
- 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 amphi-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., **P.W. Fritsch,** 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.W.,** 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.W.,** 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.W.,** 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

Fort Worth Botanic Garden/Botanical Research Institute of Texas, 2025  
 Fort Worth Botanic Garden/Botanical Research Institute of Texas, 2024  
 Missouri Botanical Garden, 2024  
 Oregon State University, 2021  
 Fort Worth Botanic Garden/Botanical Research Institute of Texas, 2021  
 Central Mindanao University, 2019  
 University of Florida, 2019  
 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**

20-minute interview with Maddie Bender at Hawaii Public Radio on Hawaiian blueberries, 2025  
Press release for Hawaiian blueberry research, 2025. Picked up by many news outlets.  
Member, Development Committee, Botanical Society of America, 2024–  
Member, Nominations Committee, American Society of Plant Taxonomists, Nominations Committee, 2023–  
Member, Systematics Collections Committee, American Society of Plant Taxonomists, 2020–  
Member (ex officio), Environment and Public Policy Committee, American Society of Plant Taxonomists, 2020–  
Treasurer, Natural Science Collections Alliance Board, 2022–  
Member, Natural Science Collections Alliance Board, 2016–  
Member, External Advisory Board, College of Science and Engineering, Texas Christian University, 2017–  
Member, World Flora Online Council and Taxonomic Working Group, 2017–  
External reviewer for Smithsonian Institution curator advancement, 2023, 2026

Ph.D. external reviewer, Ling Hu, Massey University, New Zealand. Nov. 2023.  
Editor for book chapter “Systematics and evolution of Pyramieae,” in Almeda, F. et al.,  
“Systematics and evolution of the Melastomataceae,, in press. 2021.  
Panel member for National Science Foundation Advancing Digitization of Biological  
Collections and Collections in Support of Biological Research, Washington D.C.  
Jan. 13–15, 2020  
Section Editor, Ericales, *Phytotaxa*, 2016–2018  
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, 2013–2014  
Subject Editor, *Nordic Journal of Botany*, 2013–2016  
Press release for *Philcoxia* research, 2012. Picked up by many news outlets.  
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, Annales Botanici  
Fennici, Annals of Botany, Annals of the Missouri Botanical Garden, Biodiversity Data  
Journal, BMC Biology, BMC Evolutionary Biology, Botanical Review, Brittonia,  
Castanea, Frontiers in Genetics, Genome, International Journal of Molecular Sciences,  
International Journal of Plant Sciences, Journal of Biogeography, Journal of Systematics  
and Evolution), Journal of the Botanical Research Institute of Texas, Kew Bulletin,  
Korean Journal of Plant Taxonomy, Madroño, Molecular Ecology, Molecular  
Phylogenetics and Evolution, New Phytologist, New Zealand Journal of Botany, Nordic  
Journal of Botany, Novon, PhytoKeys, Plant Science, Plant Systematics and Evolution,

Phytotaxa, PLoS One, Proceedings of the California Academy of Sciences, Revista Colombiana Ciencias Hortícolas, Rheedia, Rhodora, Scientific Reports, Sibbaldia, Systematic Biology, Systematic Botany, Taiwania, Turkish Journal of Botany, Webbia.

Institute of Museum and Library Services, National Science Foundation, National Geographic Society, Alfred P. Sloan Foundation, Texas Parks and Wildlife Department.

### **Professional Societies**

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

### **Field Experience**

Eastern United States, 2021 (East Texas, Louisiana, Arkansas), 2022 (Mississippi, Alabama), 2023 (Michigan, Virginia), 2024 (Florida, Georgia, South Carolina), 2025 (Florida, Georgia); Malaysia, Sabah, Borneo, 2009, 2017; Southern and Southwestern China, 1997, 2000, 2002, 2004, 2005, 2006, 2011, 2013, 2014, 2016; Philippines: Dinagat 2023, 2024; Mindanao, Camiguin 2014, 2015, 2019, 2022, 2023, 2024; Negros 2019; 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, various trips 1990–2015; 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, crossword puzzles