



GIULIANA M. FURCI

Field Mycologist

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APPOINTMENTS

2024-2026	Associate Researcher at the National Institute of Biodiversity, Ecuador
2024-current	Vice Chair of the Board, Los Cedros Fund
2022-current	National Geographic Explorer
2021-current	Advisory Board, Society for the Protection of Underground Networks (SPUN)
2020-current	Scientific Advisory Board, MycoMedica Life Sciences
2020-current	Co-Chair Fungal Conservation Committee SSC, IUCN
2020-current	Board Member, Fundación Acción Fauna, Chile
2017-current	Chair, Fundación Fungi Chile
2016-current	Consultant, Chile Oceans Initiative - The Walton Family Foundation
2015-current	Harvard University Associate
2013-current	Member, Mushrooms, Brackets & Puffballs Species Survival Committee, IUCN
2012-current	Executive Director, Fungi Foundation & Fundación Fungi
2004-current	Mushroom Intoxication Consultant, Centre for Toxicological Information, Pontificia Universidad Católica de Chile, pro bono.
2018-2020	Board Member, Fundación Tierra Austral, Chile
2010-2012	Researcher, Oceana Chile
2005-2010	Steering Committee Member, WWF Salmon Aquaculture Dialogue, U.S.A.
2005-2010	Coordinator, Salmon-Farming Program, Fundación Terram
2003-2005	Manager, Fungi Australe Inc. – Reishi cultivation facility in Chile

AWARDS & RECOGNITIONS

2024	Fellow, International Mycology Association
2022	National Geographic Society/Buffer Leadership in Conservation Award
2022	Ambientalista Destacada, Fundación Terram
2022	McKenna Academy Biodiversity Steward Award
2022	Gordon & Tina Wasson Award, Mycological Society of America
2018	Salzman Award, Telluride Mushroom Festival
2015	Dame, Order of the Star of Italy
2013	President's Award for outstanding contribution to fungal conservation, International Society for Fungal Conservation

SCIENTIFIC MEMBERSHIPS & ACADEMIC AFFILIATIONS

2024 Fellow, Institute of Advanced Study, Durham University
2018-current Mycological Society of America
2015-current Latin-American Mycological Association
2015-current Spegazzini Mycological Association
2014-current International Mycological Association
2023-2026 Membership Committee of the Mycological Society of America

PEER-REVIEWED PUBLICATIONS

1. Antonelli, A., Teisher, J. K., Smith, R. J., Ainsworth, A. M., **Furci**, et al. (2024). *The 2030 Declaration on Scientific Plant and Fungal Collecting. Plants, People, Planet.* <https://doi.org/10.1002/ppp3.10569>
2. Oyanedel R, Levi M, **Furci G**. A call to include fungi in wildlife trade research and policy. *Conserv Biol.* **2024** Oct;38(5):e14340. doi: 10.1111/cobi.14340. PMID: 39248739.
3. Bradshaw, A. J., Ramírez-Cruz, V., Awand, A. R., **Furci, G.**, Guzmán-Dávalos, L., & Dentinger, B. T. M. **2024**. Phylogenomics of the psychoactive mushroom genus *Psilocybe* and evolution of the psilocybin biosynthetic gene cluster. *Proceedings of the National Academy of Sciences*, 121 (3) e2311245121
4. Tremble, K., Henkel, T., Bradshaw, A., Domnauer, C., Brown, L. M., Thám, L. Xuân Thám, **Furci, G.**,... Dentinger, B. **2024**. A revised phylogeny of Boletaceae using whole genome sequences. *Mycologia*, 116(3), 392–408.
5. Bradshaw, A. J., Backman, T. A., Ramírez-Cruz, V., Forrister, D. L., Winter, J. M., Guzmán-Dávalos, L., **Furci, G.**, Stamets, P., & Dentinger, B. T. M. **2022**. DNA Authentication and Chemical Analysis of *Psilocybe* Mushrooms Reveal Widespread Misdeterminations in Fungaria and Inconsistencies in Metabolites. *Applied and environmental microbiology*, e0149822. Advance online publication.
6. Pfister, D.H., Healy, R., LoBuglio, K.F. **Furci, G.** et al. **2022** South American morels in the *Elata* group: mitosporic states, distributions, and commentary. *Mycol Progress* 21, 97.
7. Pfister, D.H., R. Healy, **G. Furci**, A. Mujic, E. Nouhra, C. Truong, M. V. Caiafa & M. E. Smith. **2022**. A reexamination and realignment of *Peziza* sensu lato (*Pezizomycetes*) species in southern South America. *Darwiniana nueva serie* 10(1): 148-177.
8. Oyanedel, R., Hinsley A., Dentinger B. T. M., Milner-Gulland E.J., **Furci G.** **2022**. A way forward for wild fungi in international sustainability policy. *Conservation Letters* e12882.
9. Goncalves, S., D. Haelwaters, **G. Furci** & G. Mueller. 2021. Include all fungi in biodiversity goals. *Science* 23 Jul **2021**: 403.
10. Liimatainen K, Niskanen T, San-Fabian B, Mujic AB, Peintner U, Dresch P, **Furci G**, Nouhra E, Matheny PB, Smith ME. **2020**. *Cortinarius* section *Thaumasti* in South American Nothofagaceae forests. *Mycologia* 112(2):329–341.
11. Quijada, L., K. LoBuglio, J. Karakehian, **G. Furci**, D. Torres & D. H. Pfister. **2020**. Exploring the diversity of fungi at "the end of the world": *Leotiomyces* from the forests of Patagonian Chile. *Newsletter of the Friends of the Farlow* 72.
12. Kuhar F., **Furci G.**, Drechsler-Santos E.R., Pfister D.H. **2018**. Delimitation of *Funga* as a valid term for the diversity of fungal communities: The Fauna, Flora & *Funga* proposal (FF&F). *IMA Fungus* 9(2): 71–74.

13. Ainsworth AM, Canteiro C, Dahlberg A, Douglas B, **Furci G**, Mueller GGM, et al. **2018**. Conservation of Fungi. In *State of the World's Fungi*, Willis K, ed. Royal Botanic Gardens, Kew.
14. Marín C, Torres D, **Furci G**, Godoy R, Palfner G. **2018**. Estado del arte de la conservación del reino Fungi en Chile. *Biodiversidata* 7:98–115
15. May, T. W., Cooper, J. A., Dahlberg, A., **Furci, G.**, Minter, D. W., Mueller, G. M. et al. **2019**. Recognition of the discipline of conservation mycology. *Conservation Biology*, 33(3), 733–736.
16. Truong C., Mujic A., Healy R., Kuhar F., **Furci, G.**, et al. **2017**. How to know the fungi: Combining field inventories and DNA barcoding to document fungal diversity. *New Phytologist* 214(3): 913-919.
17. **Furci, G.** & F. Repetto-Giavelli. (2012). Catálogo preliminar de los hongos del valle La Paciencia, sur-este de Tierra del Fuego, Chile. *Anales del Instituto de la Patagonia*, 40(2), 47-54.
18. Hernández, M., Aroca, G., **Furci, G.**, Bushmann, A., Filún, L., & Espinoza, R. (2010). Population dynamics and culture studies of the edible red alga *Callophyllis variegata* (Kallymeniaceae). *Phycological Research*, 58, 108–115. Test

BOOKS

1. **Furci, G.** 2018. Guía de Campo Hongos de Chile Vol. II, Fundación Fungi, Santiago, Chile 320 pp.
2. **Furci, G.** 2013. Guía de Campo Hongos de Chile Vol. I, Fundación Fungi, Santiago, Chile 256 pp.
3. **Furci, G.** 2007. Fungi Austral: Guía de campo de los hongos más vistosos de Chile, Ed. Corporación Chilena de la Madera. Concepción, Chile 200 pp.

CHAPTERS IN BOOKS

1. **Furci, G.** 2022 “Flora, Fauna, Funga” pp. 190-193 in Lim, M. & Shu Y. 2022 *The Future is Fungi*. Thames and Hudson Pty Ltd.
2. **Furci, G.** 2021 “Funga, Parque Nacional Queulat” pp. 72-85 in *Por qué parques Nacionales?* Ladera Sur.
3. **Furci, G.** 2019 “Fungal Activism” in Stamets, P. et al. 2019 *Fantastic Fungi: Expanding Consciousness, Alternative Healing, Environmental Impact*. Earth Aware Editions.
4. **Furci, G.** 2018 “Las Venas del Bosque” in Fuentealba Diez, M. y Errázuriz Hurtado, M. (2018). *Verde/Azul: de los glaciares al mar*. Santiago, Chile: Fundación Mar Adentro.
5. **Furci, G.** 2016. Hongos, pp. 366-372 in Ministerio del Medioambiente. *Biodiversidad de Chile, Patrimonio y Desafíos*, Ocho Libros Editores, Santiago de Chile.
6. **Furci, G.** 2008. Hongos, pp. 366-372 in Conama, 2008. *Biodiversidad de Chile, Patrimonio y Desafíos*, Ocho Libros Editores, Santiago de Chile, 640 pp.

INVITED FOR BOOK REVIEW

1. **Ostendorf, Y.** 2023. *Let's Become Fungal! Mycelium Teachings and the Arts: Based on Conversations with Indigenous Wisdom Keepers, Artists, Curators, Feminists and Mycologists*. 336 pp.

2. **Hathaway, M. J.** 2022. What a Mushroom Lives For: Matsutake and the Worlds They Make. Princeton University Press. 296 pp.
3. **Russell, M. & Degabrielle, C.** 2020. Just Mushrooms – celebrating the future of food. Independent publishers, U.S.A. 92 pp.
4. **Kuhar, F., E. Grassi, G. Romano & A. Sequeira.** 2020. Crónicas del Reino de los Hongos. Ediciones de la Plaza, Buenos Aires, Argentina.
5. **McCoy, P.** 2016. Radical Mycology: A Treatise on Seeing and Working with Fungi. Portland, Oregon: Chthaeus Press. 646 pp.

NEW TAXA DESCRIBED

New Species

2023	<i>Psilocybe stametsii</i> Furci & Dentinger
2020	<i>Amanita galactica</i> Furci & Dentinger
2019	<i>Cortinarius chlorosplendidus</i> Furci, Niskanen, San-Fabian, Liimat. & Salgado Salomón

CURATORIAL EXPERIENCE

2013-current FFCL Fungarium
Curator; established a new collection of fungi now with >2000 specimens

FIELDWORK EXPERIENCE

Mongolia, Brazil, Argentina, Chile, Uruguay, Costa Rica, Peru, Italy, United States of America, Mexico, Turkey, Thailand, Sweden, Bolivia, Norway, U.K., Colombia, Australia, Ecuador