

DONALD H. PFISTER

Harvard University Herbaria
Department of Organismic and Evolutionary Biology
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Place of birth:

Kenton, Ohio

Education and Degrees:

Miami University; Oxford, Ohio A.B. Botany–1967

Cornell University; Ithaca, New York Ph.D.–1971

Harvard University; Cambridge, Massachusetts M.A. (Honorary)–1980

Present positions:

Asa Gray Professor of Systematic Botany, Harvard University

Curator, Farlow Reference Library and Herbarium of Cryptogamic Botany

Past positions:

2013–2014

Interim Dean, Harvard College

2013–2014

Co-Director, Harvard Herbaria

2008–2014

Dean, Harvard Summer School

2010–2013

Interim Director, Harvard Herbaria

1983–1995; 2001–2004

Director, Harvard University Herbaria

1982–2000

Master of Kirkland House, Harvard University

1977–1980

Associate Professor, Department of Biology, Harvard University

Associate Curator, Farlow Library and Herbarium

1974–1977

Assistant Professor, Department of Biology, Harvard University

Assistant Curator, Farlow Reference Library and Herbarium

1971–1974

Assistant Professor of Biology and Mycology, Tropical Mycology Laboratory,

Department of Biology, University of Puerto Rico, Mayaguez, Puerto Rico

Graduate advisor:

Richard P. Korf, Cornell University

Graduate Students and Post-Doctoral Fellows:

Undergraduate thesis supervised: Peter Havens (isozymes in Mucorales), Betty Gilbert (Evolution of mycorrhizae), Sylvia Yang (mycorrhizal relationships of *Monotropa*), John Denton (life history studies in *Helicosporidium*), Michael Barron (mycorrhizae in wild and cultivated tomato), Valentina Rodríguez (predaceous Orbiliomycetes), Tristan Wang (Herpomyces on cockroaches)

Masters students in Harvard University Continuing Education supervised: Elizabeth Kneiper (Boston lichen flora), Anna M. Reid (A biography of Edward Tuckerman--the early years), Barbara Seegraber (treatments for control of grain smuts, 1987), Robert Polumbo (lichen colonization, 1993), Linda Berard (Substrate pH levels and occurrence of *Nectria parmeliae*, 1994), Braford James (phylogenetic analysis of ascomycetes, 1994), Douglas Stickle (Edge effects in lichen communities, 2000), Kelly Heffernan (area effects on lichen distributions, 2001), John Raytis (lichen chlorophyll degradation and vehicle emissions, 2001), James O'Donnell (lichens as indicators, 2002), Caroline Slater (phylogenetic investigations in the *Chorioactis* clade, 2005), Andrew Janjagian (simplified methods for mushroom cultivation, 2010), Judith Meskill (Contextualizing the Economic Botany Collection), 2003

Ph.D. students supervised: Samuel Hammer (*Cladonia* in the western U.S., 1993), Karen Hansen (University of Copenhagen, Phylogeny of the Pezizaceae, 2000), Zhihong Zhong (Systematic studies of the Geoglossaceae, masters only), Brian Perry (Phylogenetics of the Pyronemataceae, 2006), David Hewitt (*Neolecta*, fungal development, fungal ecology, comparative genomics, 2007), Kristin Peterson (Biogeography and evolution of *Cytarria*, 2008), Danny Haelewater (Hesperomyces, Laboulbeniales, 2011-present).

Visiting graduate students: Nousheen Yousaf (Gasteromycetes of Pakistan, 2014), Chang-lin Zhao (Polyporaceae, 2014-2015), Ishtiaq Ahmad (Agaricales, Pakistan, 2015-2016), Shah Hussain (Agaricales, Pakistan, 2015), Malka Saba (Mycorrhizal Fungi, Pakistan, 2015), Sana Jabeen (Mycorrhizal Fungi, Pakistan).

Postdoctoral Fellows: Roy Halling (Agaricales and hypogeous basidiomycetes), Timothy Baroni (Agaricales), Martha Sherwood (Ostropales and Phacidiales), Sharon Gowan (lichens), F. A. Harrington (Discomycetes), Richard Weinstein (Discomycetes), Karen Hansen (Discomycetes), Kathryn LoBogulio (Orbiliaceae and other topics), Matthew E. Smith (Orbiliaceae and hypogeous members of the Pezizales) 2009, J-Y Choi (*Scutellinia* and related genera) 2010-2011, Bin Liu (Orbiliomycetes) 2011, Zaiwei Ge (Agaricales) 2009, Fung Xi (Genus *Wynnea*) 2011-2012/2014-2015, Yuan (Polyporaceae) 2013-2014, Rosanne Healy, (Hypogeous Pezizales, Orbiliaceae) 2013-2015.

Field and Research Experience:

Fungi in Southern Chile, 2008, 2010.

Diversity of fungi and forests, Iceland, 2004, 2007.
 Fungal diversity in the Dominican Republic, 2002.
 Neotropical Field Studies. Puerto Rico, Dominica, Dominican Republic, Haiti, Jamaica, Venezuela. 1970-1974, 1996.
 Asian Field Studies: China 1990; 1995; Thailand, 1997.
 Visiting Professor. University of Minnesota Field Station. Summer 1979.
 Independent Investigator at Royal Botanic Garden, Kew and at the British Museum (Natural History). Summer and Fall 1986.
 Various collecting trips in North America, particularly in the Northeast.
 NSF Undergraduate Research Participation Program, Research in Soil Microbiology, Cornell University. 1966.
 University of Michigan Biological Station. Summers. 1967 and 1969.

Current Research and Interests:

Monographic, Biogeographic, and Systematic Studies of Ascomycota, Pezizomyces, and Leotiomyces, Orbiliomycetes.
 History of Mycology and Bibliographic Documentation.
 Fungi of Southern South America.

Curatorial, Administrative, and Service Activities:

General Supervision of the Staff of the Farlow Library and Herbarium.
 Farlow Herbarium Administrative Committee. 1975–1980.
 Commission of Inquiry, Faculty of Arts and Sciences, 1977–1979.
 Director of the Harvard University Herbaria and Libraries including budget planning and personnel policy. General supervision of the collections. Chairman and member of various search committees in the Department of Organismic and Evolutionary Biology.
 Harvard-Radcliffe Faculty Admissions Committee, 1982–1987.
 Master of Kirkland House, 1982–2000.
 Harvard Faculty of Arts and Science Committee on Non-Departmental Instruction, 1982–1992.
 Library Committee, Faculty of Arts and Science, 1988–1992.
 Graduate Committee, Department of Organismic and Evolutionary Biology, 1988–1995.
 Member of the Faculty of Arts and Sciences Faculty Council and member of the Docket Committee, 1994–1997.
 Parliamentarian, Faculty of Arts and Sciences, 1997–1998.
 Member, Administrative Board of Continuing Education, Harvard University, 1998–2013.
 Member, Library Digital Initiative grant review committee, Harvard University Library, 1998–2004; Chair of the review committee, 2000–2004.
 Member of the Harvard College Committee on Advising and Counseling, 1996–2000, 2004–2009; Co-Chair, 2006–2007, Chair, 2007–2009.

Harvard Foundation for Intercultural and Race Relations, 2000 –2013.
 David Rockefeller Center for Latin American Studies, Policy Committee, 2003–present
 Member, Advisory committee in Museum Studies, Harvard University Extension School,
 2005–present.
 Member Harvard College, Administrative Board, Fall 2005
 Member, Undergraduate and Graduate Fellowships Review Committee, David
 Rockefeller Center for Latin American Studies, April 2005, 2006
 Faculty Chair of the Harvard University Committee for the endorsement of Rhodes
 Scholarship applications, 2006–2010.
 Faculty Chair of the Harvard University Committee for the endorsement of Marshall
 Scholarship applications, 2006–2010.
 Various House review committees, 2005, 2007.
 Faculty of Arts and Sciences Educational Policy Committee, 2007 –2008.
 Committee to Review the Administrative Board of Harvard College, Chair, 2008–2009.
 Member of the Steering Committee on Harvard House Renewal and Chair of the
 Subcommittee on House Life, 2008–2009.
 Member of the Harvard College Committee on Study Abroad, 2008–2014.
 Member House Renewal Committees, planning and facilities, 2011–2014.
 Faculty Chair, Executive Board Harvard Museum of Science and Culture, 2014 – present.
 Faculty Chair, University Committee on Title IX, 2015 – present.

Teaching:

General Biology, Lectures and Laboratories. Two semester course. University of Puerto Rico. 1971–1974.
General and Advanced Mycology, Lectures and Laboratories. University of Puerto Rico. 1971–1974.
Mycology Summer Short Course, Dartmouth College. Sponsored by the North American Mycological Association. 1975.
Diversity in the Plant Kingdom (Biol. 18). Harvard University. 1974–1987.
Botany (Biol. SIA). Harvard University Summer School. 1977, 1978.
Biology of Fungi. (Biol. 143) Harvard University & Harvard Extension. 1974–2000.
Lectures on Ascomycetes. University of Copenhagen Field Station. October 1979.
Field mycology. University of Minnesota Field Biology Program. 1980.
Biology of non-vascular autotrophs and fungi (Biol. 113). Harvard University. 1987–1995.
Eagle Hills Seminars offered by the Humboldt Field Research Institute in Stueben, Maine are one week intensive courses designed for amateurs and professionals. Over a period of years, I have offered Seminars on various advanced topics in mycology.
The Biology of Trees and Forests (Science B-40). Harvard University Core Program. 1990–2011. Now as General Education Science of Living Systems 25 (with Andrew Richardson).

Trees Forests and Climate Change (Science of Living Systems 25. 2012 to present
(with Andrew Richardson)

Special topics in Botany, Harvard University Extension School 1995 to present. These include identification courses of lichen, lichens and air-pollution, fungi and their interactions with other organisms.

Plants and human affairs. (OEB 104) 2003, 2005–present (as OEB 59 with Charles Davis).

Biology of fungi. A graduate course (OEB 224) 2000–2004.

Biology of the fungi (OEB 54) 2006–present.

Americans explore (Freshman seminar) 2007.

Professional Committees and Offices:

Historian, Mycological Society of America, 1998–2003.

Member, Editorial Board, Mycotaxon, 1997–2007, chair 2007.

President, Mycological Society of America, 1995–1996.

Member of the Council (Councilor East) Mycological Society of America, 1977, 1978.

Editorial Board–*Rhodora*, 1976–1981.

Editor of the Mycological Society of America Newsletter, 1979–1982.

Secretary of the Mycological Society of America, 1988–1991.

National Science Foundation Panels, 2005, 2006.

Grants:

University of Puerto Rico Faculty Research Grant, "Floristic and Monographic Studies of Caribbean Discomycetes," 1972–1973.

National Science Foundation, "Floristic and Monographic Studies of Caribbean Discomycetes," 1973–1975.

Clark Fund, Harvard College, "Study of the Mycological Collection of N. T. Patouillard," 1975–1977, 1978–1980.

Harvard Graduate Society, "Studies of Early Mycological Literature," 1977–1979.

American Philosophical Society, "Studies on the Discomycetes Genus *Mediolaria*," 1975–1976.

National Science Foundation, "North American Pezizales," 1981–1984.

National Science Foundation, "Support of Harvard Botanical Collections," 1983–1985.

National Science Foundation, "Support of Harvard Botanical Collections," 1986–1988, 1988–1991, 1992–1994.

National Science Foundation, "An Inventory of the Mycological Literature between 1753 and 1821," 1985–1988.

National Museum Act, Smithsonian Institution, "Herbarium Intern" 1986, 1987.

Marion and Jasper Whiting Foundation, "Support for travel during sabbatical leave", 1986.

National Science Foundation, "Enhancing Taxonomic Expertise in Filamentous Ascomycetes," 1995–2000.

National Science Foundation, "Support for Harvard University Herbaria Service

Activities,” 1996–1999.

National Science Foundation, “Plant and fungal diversity of western Sichuan and eastern Xizang, China,” 1997–2000 (co-PI with Michael Donoghue).

National Science Foundation, “Compactorization and Reorganization of a Portion of the Farlow Herbarium, Harvard University,” 1997–2000.

National Science Foundation, “Phylogenetics in the Pezizales, the Pyronemataceae.” 2002–2006.

David Rockefeller Center for Latin American Studies, Fungi of southern Chile, 2007–2008.

National Science Foundation, “Collaborative proposal: Harnessing the Power of Herbaria to Understand the Changing Flora of California: A biodiversity Hotspot.” 2010–2015.

National Science Foundation, “Digitization TCN: Collaborative Research: North American Lichens and Bryophytes: Sensitive Indicators of Environmental Quality and Change. 2011-2015

California Academy of Sciences (subcontract), “Flora of the Metropolitan Park.” 2010–2014.

National Science Foundation, “Digitization TCN: Collaborative: The Macrofungi Collection Consortium: Unlocking a Biodiversity Resource for Understanding Biotic Interactions, Nutrient Cycling and Human Affairs.” 2012–2015.

National Science Foundation, “Collaborative Research: Digitization TCN: The Macroalgal Herbarium Consortium: Accessing 150 Years of Specimen Data to Understand Changes in the Marine/Aquatic Environment.” 2013–2016.

Andrew W. Mellon Foundation, “Proposal for continued support for the Global Plants Initiative, Harvard University Herbaria.” 2012–2014.

Andrew W. Mellon Foundation, “Proposal for continued support for the Global Plants Initiative, Harvard University Herbaria.” 2013–2016.

Andrew W. Mellon Foundation, “Harvard University Herbaria Field Notes Collections, Global Plants Initiative.” 2013–2016.

National Science Foundation, “Digitization TCN: Collaborative: The Microfungi Collections Consortium: A Networked Approach to Digitizing Small Fungi with Large Impacts on the Function and Health of Ecosystems.” 2015–2018.

General lectures:

Various lectures and talks at the Boston Mycological Club, 1975 to present.

Roland Thaxter and Celia Thaxter, Whittier House Museum, 8 June 2003.

Fungi and interactions with plants. New England Landscape Association, Tower Hill Botanical Garden, 10 December 2003.

Fungi and organismal diversity. Harvard Museum of Natural History, Public Lecture Series, March 2004.

Research on cup-fungi North Carolina State, Department of Plant Pathology, 26 April 2004. Part of their departmental Seminar series.

Fungi and diversity, how we look at the world. Harvard University Graduate School Alumni Seminar, April 16 2005.

The biology of interactions—fungi people and plants. Connecticut Valley Mycological Society, 18 March 2006.

Miami University Botany Department Centennial Symposium, 22 April 2006.

Harvard University Museum of Science and Culture, Mummies, Mildews, Manna, and Mosses: Four Kingdoms under One Roof. 13 November 2014.

National Collegiate Research Conference. Natural history as a window into diversity studies. 24 January 2015.

Publications:

- Pfister, D. H. 1970. A histochemical study of the composition of spore ornamentation inoperculate discomycetes. *Mycologia* 62: 234-237.
- Pfister, D. H. 1972. Notes on Caribbean Discomycetes I. Cytological evidence for the exclusion of *Phaedropezia* from the Sarcosyphaceae. *Carib. J. Sci.* 12(1-2): 39-40.
- Pfister, D. H. 1972. Notes on Caribbean Discomycetes II. Two species of *Pulvinula* from Puerto Rico. *Phytologia* 24: 211-215.
- Pfister, D. H. 1973. Notes on Caribbean Discomycetes III. Ascospore germination and growth in culture of *Nanoscypha tetraspora* (Pezizales, Sarcosyphineae). *Mycologia* 65(4):952-956.
- Pfister, D. H. 1973. Notes on Caribbean Discomycetes IV. *Cookeina venezuelae*, *C. colensoi* and the genus *Boedijnopeziza*. *Phytologia* 27(1): 55-62.
- Pfister, D. H. 1973. The psilopezoid fungi. I. History, nomenclature, and delimitation of the psilopezoid genera. *Mycologia* 65(2): 321-328.
- Pfister, D. H. 1972 (1973). The psilopezoid fungi. II. *Thecotheus rivicola* comb. nov. and other Iodophaneae (Pezizales) occurring on water-soaked wood. *Bull. Torrey Bot. Club* 99(4): 198-200.
- Pfister, D. H. 1973. The psilopezoid fungi. III. The genus *Psilopezia*. *Amer. J. Botany* 60: 355-365.
- Pfister, D. H. 1973. The psilopezoid fungi. IV. The genus *Pachyella*. *Canad. J. Botany* 51(5): 2009-2023.
- Pfister, D. H. 1973. The psilopezoid fungi. V. *Miladina lechithina*. *Canad. J. Bot.* 52: 1643-1645.
- Pfister, D. H. 1974. Notes on Caribbean Discomycetes. V. A preliminary annotated checklist of Caribbean Pezizales. *J. Agri. Univ. P.R.* 58(3): 352-378.
- Pfister, D. H. 1974. The psilopezoid fungi. VI. *Aleuria annamitica*, a synonym of *Pachyella adnata*. *Mycologia* 67: 181.
- Pfister, D. H. 1974. Some comments on *Pulchromyces fimicola* from the Americas as noted by W. H. Weston. *Mycotaxon* 1: 137-141.
- Pfister, D. H. 1975. The genus *Acervus* (Ascomycetes, Pezizales) I. An emendation II. The apothecial ontogeny of *Acervus flavidus* with comments on *A. episparti*. *Occasional Pap. Farlow Herb.* 8: 1-11.
- Pfister, D. H. 1975. Farlow's Icones. *Bull. Boston Mycol. Club* 1975: 6-8.
- Pfister, D. H. 1975. Scanning electron micrographs of ascospores of *Pachyella* (Discomycetes). *Mycotaxon* 3(1): 105-108.

- Pfister, D. H. 1975. Comments on the Scleromyceti sueciae in the Farlow Herbarium. *Mycotaxon* 3: 185-192.
- Pfister, D. H. 1976. A synopsis of the genus *Pulvinula*. *Occasional Pap. Farlow Herb.* 9: 1-19.
- Pfister, D. H. 1976. A new combination in the genus *Gymnomyces*. *Occasional Pap. Farlow Herb.* 9:43.
- Pfister, D. H. 1976. *Calloriopsis* and *Micropyxis*: two Discomycete genera in the *Calloriopsidae* Trib. nov. *Mycotaxon* 4: 340-346.
- Pfister, D. H. 1977. A note on *Phaeofabraea* and its placement in the Leotiaceae subfamily *Encoelioideae* (Discomycetes). *Occasional Pap. Farlow Herb.* 11: 27-30.
- Pfister, D. H. 1977. Annotated Index to Fungi Described by N. Patouillard. *Contributions of Reed Herb.* 25: i-v, 1-211.
- Pfister, D. H. 1977. Type studies in the genus *Peziza*: Species described by Berkeley and Curtis from the United States North Pacific Exploring Expedition (1853-1856). *Mycotaxon* 6: 337-340.
- Pfister, D. H. ed. 1978. Cryptogams of the United States North Pacific Exploring Expedition, Original Manuscripts by M. J. Berkeley, M. A. Curtis, W. S. Sullivant, and E. Tuckerman. pp. i-xv, 1-196.
- Pfister, D. H. 1978. Type studies in the genus *Peziza*. II. Species of operculate discomycetes described by J. B. Ellis. *Mycotaxon* 7:97-101.
- Pfister, D. H. 1978. Type studies in the genus *Peziza*. III. Species collected by W. R. Gerard. *Mycotaxon* 7:209-213.
- Pfister, D. H. 1978. Type studies in the genus *Peziza*. IV. Species described by F. E. Clements. *Mycotaxon* 7:214-217.
- Pfister, D. H. 1978. On a collection of *Wynnea americana* from Costa Rica with some comments on the distribution and delimitation of *Wynnea* species in the neotropics. *Brenesia* 14/15:395-400.
- Pfister, D. H. 1978. Type studies in the genus *Peziza*. V. Species described by Rehm. *Mycotaxon* 8(1):187-192.
- Pfister, D. H. 1978. Apothecial development in *Cookeina tricholoma* with comments on related species. *Mycologia* 70(5):1253-1257.
- Pfister, D. H. 1979. A monograph of the genus *Wynnea* (Pezizales, Sarcoscyphaceae). *Mycologia* 71:144-159.
- Pfister, D. H. 1979. Type studies in the genus *Peziza*. VI. Species described by C. H. Peck. *Mycotaxon* 8:333-338.
- Pfister, D. H. 1979. Type studies in the genus *Peziza*. VII. Miscellaneous species described by Berkeley and Curtis. *Mycotaxon* 8:339-346.
- Pfister, D. H. 1979. Type studies in the genus *Peziza*. VIII-X. Species described by G. Masee, E. Cash, F. J. Seaver. *Mycotaxon* 9:501-504.
- Pfister, D. H. and G. C. Kaye. 1979. Introduction to the Catalogue of the Farlow Reference Library of Cryptogamic Botany. Published by G. K. Hall and Co.
- Pfister, D. H. 1980. On "*Peziza*" *melaleuroides*--a species of *Gyromitra* from the western United States. *Mycologia* 72:614-619.
- Pfister, D. H. 1980. Additions and corrections to the annotated index to fungi described by N.

- Patouillard. Mycotaxon 11:435-442.
- Pfister, D. H. 1981. The Psilopezoid fungi. VII. A new species of *Psilopezia* from France. Mycotaxon 13:367-368.
- Pfister, D. H. 1981. A new noncoprophilous species of *Thecotheus*, *T. phycophilus*. Mycologia 73: 1001-1004.
- Pfister, D. H. 1981. The Psilopezoid fungi. VIII. Additions to the genus *Pachyella*. Mycotaxon 13:457-464.
- Dissing, H. and D. H. Pfister. 1981. *Scabropezia*, a new genus of Pezizaceae (Pezizales). Nord. J. Bot. 1:102-108.
- Pfister, D. H. 1981. Atkinson, Farlow, and the Later Starting Point Debate. Occasional Papers of the Farlow Herbarium 16:129-136.
- Pfister, D. H. and F. Candoussau. 1982. Supplément au genre *Pachyella*. Société mycologique du Béarn 76:3-6.
- Pfister, D. H. 1982. A note on Roland Thaxter's collection localities. Mycotaxon 15:341-344.
- Pfister, D. H. 1982. Fungi, herbaria, and the Endangered Species Act. McIlvainea 5:3-4.
- Pfister, D. H. 1982. A new host for *Sphaeronaemella helvellae*--*Pseudorhizina sphaerospora*. Mycotaxon 16:165-166.
- Pfister, D. H. 1982. Deutschlands Schwamme--An often overlooked exsiccata. Taxon 31:498-502.
- Pfister, D. H. 1982. A nomenclatural revision of F. J. Seaver's North American Cup-Fungi (Operculates). Occ. Pap. Farlow Herbarium 17:1-31.
- Pfister, D. H. 1982. The W. G. Farlow correspondence. Taxon 31: 607-608.
- Pfister, D. H. 1983. Lichens: The lamb inside the lion. The Farlow lichen herbarium. Newsletter of the Friends of the Farlow 2(1):1-3.
- Pfister, D. H. 1984. *Genea-Jafneadelphus*--A tuberclean-pezizalean connection. Mycologia 76:170-172.
- Pfister, D. H. 1984. On *Fimaria dentata*, a new combination, with a review of synonyms and comments on *Fimaria* (Pezizales). Mycologia 76(5):843-852.
- Pfister, D. H. and R. Kaushal. 1984. *Cookeina indica*, a new species from India with a key to the species of *Cookeina*. Mycotaxon 20:117-121.
- Pfister, D. H. 1984. Two new localities for *Medeolaria Farlowii* in New England. Rhodora 86:235-236.
- Pfister, D. H. 1984. Chapter 9. Roland Thaxter: Mycologist and entomologist. In: Fungus--Insect Relationships--Perspectives in Ecology and Evolution, eds. Q. Wheeler and M. Blackwell. Columbia University Press. p. 211-221.
- Pfister, D. H. 1984. An index to the taxa described by Roland Thaxter excluding the Laboulbeniales. Mycotaxon 20:225-244.
- Pfister, D. H. 1985. More comments on the genus *Acervus*. Mycotaxon 22:435-438 (with A. E. Baessette).
- Pfister, D. H. 1985. Champignons du Tonkin: Illustrations of Fungi in the Farlow Reference Library with the Mycological Papers of N. T. Patouillard. Meckler Publishing, Chadwyck-Healey Ltd. i-xi, 1-20, 7 microfiche.
- Pfister, D. H. 1985. A bibliographic account of the exsiccatae containing fungi. Mycotaxon 23:1-

139.

- Pfister, D. H. 1985. North American Pezizales: *Greletia* and *Marcellina*. *Sydowia* 38:235-240.
- Pfister, D. H. 1986. A corrected authors index for *A Bibliographic Account of Exsiccatae Containing Fungi*. *Mycotaxon* 25:141-145.
- Pfister, D. H. 1986. Farlow Herbarium of Cryptogamic Botany. *McIlvainea* 7(2):16-17.
- Pfister, D. H. 1986. Mycology, Universities and 19th Century American Science. *Mycotaxon* 26: 65-74.
- Pfister, D. H. 1987. The placement of *Peziza edulis* in *Rickiella* (Sarcoscyphaceae, Pezizales) *Mycotaxon* 29:329-333.
- Pfister, D. H. 1987. *Peziza phyllogena*: an older name for *Peziza badiocnfusa*. *Mycologia* 79:634.
- Pfister, D. H. and J. Boise. 1987. A bibliographic and nomenclatural account of Theodor Holmskjold's publications on fungi. *Nova Hedwigia* 45:487-500.
- Pfister, D. H. 1988. R. Gordon Wasson, 1898-1986. *Mycologia* 80(1):11-13.
- Pfister, D. H. 1988. A note on Grelet's "Les Discomycete de France." *Mycotaxon* 33:97-100.
- Pfister, D. H. 1989. *Paratrichophaea* (Pezizales) in North America *Mycologia* 80:515-519.
- Pfister, D. H. 1989. *Komposocypha*: A new genus related to *Nanosocypha* (Sarcoscyphaceae). *Mem. New York Bot. Gard.* 49:339-343.
- Pfister, D. H. 1989. Introduction and Summary of Publications in Botany published by the Botanical Museum, Bussey Institution, Farlow Herbarium and Gray Herbarium. *Harvard Papers in Botany* 1:1-2.
- Pfister, D. H. and R. Halling. 1989. *Ascosparrassis heinricheri* from Venezuela: an extended distribution. *Mycotaxon* 35(2): 283-285.
- Pfister, D. H., J. R. Boise, and M. A. Eifler. 1991. A bibliography of the mycological literature 1753-1821. *Mycologia Memoirs* 17:1-161.
- Pfister, D. H. 1991. A redescription of *Peziza bananicola* and comments on some similar tropical species. *Mycotaxon* 41(2): 505-507.
- Pfister, D. H. 1992. A collection of *Peziza nivalis* from California with comments on the nomenclature of the snow bank Pezizas. *Mycotaxon* 43: 171-175.
- Pfister, D. H. 1992. A note on some drawings of fungi by Cecilia Jane Berkeley in the Farlow Reference Library. *Mycologia* 84: 911-912.
- Pfister, D. H. 1993. Chapter 1. Roland Thaxter and the Myxobacteria in *Myxobacteria II*. Edited by M. Dworkin and D. Kaiser. Published by the American Society for Microbiology, Washington, D.C.
- Pfister, D. H. 1993. Geneva Sayre (1911-1991). *The Bryologist* 96:475-478.
- Pfister, D. H. 1993. A synopsis of the North American species of *Byssonectria* (Pezizales) with comments on the ontogeny of two species. *Mycologia* 85: 952-962.
- Pfister, D. H. 1994. *Orbilbia fimicola*, a nematophagous discomycete and its *Arthrobotrys* anamorph. *Mycologia* 86: 451-453.
- Pfister, D. H. and M. E. Liftik. 1995. Two *Arthrobotrys* anamorphs from *Orbilbia auricolor*. *Mycologia* 87: 684-688.
- Pfister, D. H. 1995. A further note on *Byssonectria* (Pezizales). *Mycotaxon* 53: 431-432.
- Pfister, D. H. 1995. The Psilopezoid fungi. IX. *Pachyella habrospora*, a new species from

- Brazil. Mycotaxon 54: 393-396.
- Pfister, D. H. 1995-96. A comparative study of some mycobionts of the genus *Cladonia*. Mycosystema 8-9: 59-64.
- Pfister, D. H. 1997. Castor, Pollux and Life Histories of Fungi. Mycologia 89 (1): 1-23.
- Plotnikova, J. M., T. L. Reuber, F. M. Ausubel and D. H. Pfister. 1998. Powdery mildew pathogenesis of *Arabidopsis thaliana*. Mycologia 90: 1009-1016.
- Harrington, F. A., D. H. Pfister, D. Potter, and M. J. Donoghue. 1999. Phylogenetic studies within the Pezizales. I. 18S rRNA sequence data and classification. Mycologia 91:41-50.
- Hansen, K., D. H. Pfister and D. S. Hibbett. 1999. Phylogenetic relationships among species of *Phillipsia* inferred from molecular and morphological data. Mycologia 91: 299-314.
- Pfister, D. H. and J. W. Kimbrough. 2000. Discomycetes in The Mycota VII (A), pp.257-281.
- Harrington, F. A. and D. H. Pfister. 2001. The psilopezoid fungi X. Characteristics of *Pachyellababingtonii* in culture. Harvard Papers in Botany 6: 113-116.
- Zhong, Z., Z. Wang and D. H. Pfister. 2001. *Pezicula magnispora*, a new species on an herbaceous plant. Mycotaxon 78: 161-165.
- Wang, Z. and D. H. Pfister. 2001. *Wenyingia*, a new genus in Pezizales (Otidaceae). Mycotaxon 79: 397-399.
- Hansen, K., T. Læssøe and D. H. Pfister. 2001. Phylogenetics of the Pezizaceae, with an emphasis on *Peziza*. Mycologia 93: 958-990.
- Weinstein, R. N., D. H. Pfister and T. Iturriaga. 2002. A phylogenetic study of the genus *Cookeina*. Mycologia 94: 673-682.
- Hansen, K., T. Læssøe and D. H. Pfister. 2002. Phylogenetic diversity in the core group of *Peziza* inferred from ITS sequences and morphology. Mycological Research 106: 879-902.
- Peterson, K. R., C. D. Bell, S. Kurogi, and D. H. Pfister. 2004. Phylogeny and biogeography of *Chorioactis geaster* (Pezizales, Ascomycota) inferred from nuclear ribosomal DNA sequences. Harvard Papers in Botany 8: 141-152.
- Pfister, D. H. and S. Kurogi. 2004. A note on some morphological features of *Chorioactis geaster* (Pezizales, Ascomycota). Mycotaxon 89: 277-281.
- Wu, Q., B. M. Theirs, and D. H. Pfister. 2004. Preparation, preservation, and use of fungal specimens in herbaria. Pp. 23-36, in Biodiversity of fungi: Inventory and monitoring methods. Elsevier Academic Press.
- Zhong, Z. and D. H. Pfister. 2004. Phylogenetic relationships among species of *Leotia* (Leotiales) based on ITS and RPB2 sequences. Mycological Progress 3: 237-246.
- Cantrell, S. A., T. Iturriaga and D. H. Pfister. 2004. An updated checklist of the Discomycetes for the Dominican Republic and the Caribbean region. Caribbean Journal of Science 40: 139-144.
- Lutzoni, F. A. and others. 2004. Assembling the fungal tree of life: Progress, classification, and evolution of subcellular traits. American Journal of Botany 91: 1446-1480.
- Hansen, K., K. F. LoBuglio and D. H. Pfister. 2005. Evolutionary relationships of the cup-fungus genus *Peziza* and Pezizaceae inferred from multiple nuclear genes: RPB2, β -tubulin, and LSU rDNA. Molecular Phylogenetics and Evolution 36: 1-23.
- Hansen, K., B. A. Perry and D. H. Pfister. 2006. Phylogenetic origins of two cleistothecial fungi, *Orbicula parietina* and *Lasiobolidium orbiculoides*, within the operculate discomycetes.

- Mycologia 97: 1023-1033.
- Iturriaga, T. and D. H. Pfister. 2006. A monograph of the genus *Cookeina* (Ascomycota, Pezizales, Sarcoscyphaceae). Mycotaxon 95: 137-180.
- James, T. Y. and others. 2006. Reconstructing the early evolution of Fungi using a six-gene phylogeny. Nature 445: 818-822.
- Yang, S. and D. H. Pfister. 2006. *Monotropia uniflora* plants of eastern Massachusetts form mycorrhizae with a diversity of russulacean fungi. Mycologia 98: 535-540.
- Hansen, K. and D. H. Pfister. 2006. Systematics of the Pezizomycetes—the operculate discomycetes. Mycologia 98: 1031-1041,
- Perry, B. A., K. Hansen and D. H. Pfister. 2007. Phylogenetic overview of the family *Pyronemataceae* (Ascomycota, Pezizales). Mycological Research 111: 549-571.
- Pfister, D. H. and G. Eýjolfsson. 2007. New records of cup-fungi from Iceland with comments on some previously reported species. Nordic Journal of Botany. Accepted for publication.
- Pfister, D. H., C. Slater and K. Hansen. 2008. Chorioactidaceae: A new family in the Pezizales (Ascomycota) with four genera. Mycological Research. 12: 513-527.
- Perry, B. and D. H. Pfister. 2008. *Chaetothiersia vernalis*, a new genus and species of Pyronemataceae (Ascomycota, Pezizales) from California. Fungal Diversity 28: 65-72.
- LoBuglio, K. F. and D. H. Pfister. 2008. A *Glomerella* species phylogenetically related to *Colletotrichum acutatum* on Norway maple in Massachusetts. Mycologia 100: 710-715.
- Pfister, D. H. 2008. Early illustrations of *Xylaria* species. North American Fungi. 3: 161-166.
- Pfister, D. H., N. Matocec, and I. Kusan. 2008 Integrated studies in the classification of the Pezizaceae, re-evaluation of the genus *Pachyella* with a new segregate genus *Adelphella*. Mycologia Montegrina 11: 7-17.
- Smith, M. E. and D. H. Pfister. 2009. Tuberculate ectomycorrhizae of angiosperms: The interaction between *Boletus rubropunctus* (Boletaceae) and *Quercus* species (*Fagaceae*) in the United States and Mexico. American Journal of Botany 96: 1665-1675.
- Pfister, D. H. 2009. Fungi at the ends of the earth: Roland Thaxter in Southern South America. ReVista. 8: 38-39.
- Lücking, R., S. Huhndorf, D. H. Pfister, E. R. Plata, and T. Lumbsch. 2009. Fungi evolve on the right track. Mycologia. 101: 810-822.
- LoBuglio, K. F. and D. H. Pfister. 2010. Placement of *Medeolaria farlowii* in the Leotiomycetes, and comments on sampling within the class. Mycological Progress 9: 361-368.
- Lantieri, A. and D. H. Pfister. 2010. A new species of *Marcelleina* from Italy. Mycotaxon 111:465-469.
- Santelli, C. M., D. H. Pfister, D. Lazarus, L. Sun, W. D. Burgos and C. H. Hansel. 2010. Promotion of Mn(II) oxidation and remediation of coal mine drainage in passive treatment systems by diverse fungal and bacterial communities. Applied and Environmental Microbiology 76: 4871-4875.
- Peterson, K. R., D. H. Pfister, and C. D. Bell. 2010. Cophylogeny and biogeography of the fungalparasite *Cyttaria* and its host *Nothofagus*, southern beech. Mycologia 102: 1417-1425.
- Peterson, K. R. and D. H. Pfister. 2010. Phylogeny of *Cyttaria* inferred from nuclear and mitochondrial sequence and morphological data. Mycologia 102: 1398-1416.

- Han, J-G., Y-J. Choi, D. H. Pfister and H-D. Shin. 2010. *Scutellina jejuensis* (Pezizales), a new species from Korea. *Mycotaxon* 112: 47-53.
- Pfister, D. H. 2010. Fedor Buckholtz, mycologist and his herbarium. *Folia Cryptogamica Estonica* 47: 73-76.
- Lantieri, A., M. E. Smith and D. H. Pfister. 2012. A new species of *Ruhlandiella* (Pezizaceae) from Italy. *Mycological Progress* 11: 509-513.
- Medardi, G., A. Lantieri, D. H. Pfister, K. F. LoBuglio, G. Cacialli. 2012. Clarification of *Peziza fimeti* with notes on *P. varia* collections on dung. *Mycotaxon* 121:465-476.
- Romero, A. I., G. Robledo, K. F. LoBuglio, and D. H. Pfister. 2012. *Rickiella edulis* and its phylogenetic relationships within Sarcoscyphaceae. *Kurtziana* 37:79-89.
- Healy, R. A., M. E. Smith, G. M. Bonito, D. H. Pfister and others. 2012. High diversity and widespread occurrence of mitotic spore mats in ectomycorrhizal Pezizales. *Molecular Ecology* 22 (6): 1717-1732.
- Hansen, K., B. A. Perry, A. W. Dranginis, and D. H. Pfister. 2013. A phylogeny of the highly diverse cup-fungus family Pyronmeataceae (Pezizomycetes, Ascomycota) clarifies relationships and evolution of selected life history traits. *Molecular Phylogenetics and Evolution*. 67: 311-335.
- Pfister, D. H., C. Agnello, A. Lantieri, and K. F. LoBuglio. 2013. The Caloscyphaceae (Pezizomycetes, Ascomycota), with a new genus. *Mycological Progress* 12: 667-674.
- Bonito, G. and others. 2013. Historical biogeography and diversification of truffles in the Tuberales and their newly identified Southern Hemisphere sister lineage. *PLOS ONE* 8: 1-15.
- Choi, Y-J., H-D. Shin, J-G Han, and D. H. Pfister. 2013. *Scutellinia* (Pezizales) in Korea, with a new species and eight new records. *Nova Hedwigia* 97: 457-476.
- Karakehian, J. M., K. F. LoBuglio, and D. H. Pfister. 2013. Placement of the genus *Angelina* within Rhytismatales and observations of *Angelina rufescens*. *Mycologia* 106: 154-162.
- Peric, B., K. F. LoBuglio, and D. H. Pfister 2014 [2013]. The genus *Strobiloscypha*: A new species and an unresolved phylogenetic placement. *Mycologia Montenegro* 16: 7-22.
- Ge, Z-W, Z. L. Yang, D. H. Pfister, M. Carbone, T. Bau, T. and M.E. Smith. 2014. Multigene molecular phylogeny and biogeographic diversification of the earth tongue fungi in the genera *Cudonia* and *Spathularia* (Rhytismatales, Ascomycota). *PLoS ONE* 9:1-13
- Haelewaters, D., R. F. Comont, S. Y. Zhao, and D. H. Pfister. 2014. *Hesperomyces virescens* (Fungi, Ascomycota, Laboulbeniales) attacking *Harmonia axyridis* (Coleoptera, Coccinellidae) in its native range. *Chinese Science Bulletin* 59 (5-6): 528-532.
- Haelewaters, D., M. Schilthuizen, and D. H. Pfister. 2014. On *Diphymyces* (Laboulbeniales, Ascomycota) in Malaysian Borneo. *Plant Ecology and Evolution* 147 (1): 93-100.
- Medardi, G., K. F. LoBuglio, D. H. Pfister, and A. Lantieri, 2014. Morphological and molecular study of *Peziza emileia* and *P. howsei*, two distinct taxa. *Mycological Progress* 13:1227–1234.
- Pfister, D. H. 2015. Chapter 2. Pezizomycotina: Pezizomycetes, Orbiliomycetes. *The Mycota VII (B)*, pp.35-55. Systematics and Evolution, 2nd Edition. Eds. D. J. McLaughlin, J. W. Spatafora. Pub. Springer-Verlag. pp.35-55.
- Haelewaters, D., S. Y. Zhao, A. De Kesel, I. R. Royer, R. E. Handlin, B. D. Farrell, and D. H. Pfister. 2015. Laboulbeniales (Ascomycota) of the Boston Harbor Islands I: species

- parasitizing Coccinellidae and Staphylinidae. *Northeastern Naturalist* 22 (3): 459-477.
- Pfister, D. H. 2015. Pezizacea taxonomy and classification: Boudier, Cooke and Korf.
- Zhao, C. L., Xu, F. & Pfister, D.H., 2016. Morphological and molecular identification of a new species of *Truncospora* (Polyporales, Basidiomycota) in North America. *Phytotaxa* 257(1): 89-97.
- Pfister, D.H., LoBuglio, K.F. & Kristiansen, R., 2016. Species of *Peziza* s. str. on water-soaked wood with special reference to a new species, *P. nordica*, from central Norway. *Sydowia*, 68, pp. 173-185.
- Adamcik, S., et al., 2016. A molecular analysis reveals hidden species diversity within the current concept of *Russula maculata* (Russulaceae, Basidiomycota). *Phytotaxia*, 270 (2), pp. 71-88.
- Rossi, W., Haelewaters, D. & Pfister, D.H., 2016. Fireworks under the microscope: a spectacular new species of *Zodiomyces* from the Thaxter collection. *Mycologia*, 108 (4), pp. 709-715.
- Healy, R.A., et al., 2016. Mycorrhizal detection of native and non-native truffles in a historic arboretum and the discovery of a new North American species, *Tuber arnoldianum* sp. nov. *Mycorrhiza*, pp. 1-12.
- Pfister, D., 2016. Fungi and Forests: Shaping Landscapes, Cuisine and Commerce. *ReVista*, 16 (1), pp. 14-16.
- Friedman, W.E., et al., 2016. Developing an Exemplary Collection: A Vision for the Next Century at the Arnold Arboretum of Harvard University. *Arnoldia*, 73 (3), pp. 2-18.
- Wang, T.W., et al., (forthcoming), 2016. Farlow Herbarium cockroach hosts new record of Laboulbeniales for North America. *Rhodora*, 118 (973).