

CURRICULUM VITAE

Roy Edward Halling
Institute of Systematic Botany
The New York Botanical Garden
2900 Southern Blvd
Bronx, NY 10458-5126 USA
718.817.8613
E-mail: rhalling@nybg.org

PERSONAL: Born 31 December 1950, Perry, Iowa

EDUCATION: University of Massachusetts, Amherst - Ph.D. Botany: Mycology - 1980; Dissertation: The genus *Collybia* in New England. Major advisor: Dr. Howard E. Bigelow (deceased).

San Francisco State University - M.A. Biology - 1976; Thesis: The Boletaceae of the Sierra Nevada. Major advisor: Dr. Harry D. Thiers (deceased).

California State College, Stanislaus, Turlock - B.A. Biological Sciences - 1973.

Glendale Community College, California - A.A. - 1971.

Crescenta Valley High School, California - 1969.

POSITIONS HELD:

Curator of Mycology, The New York Botanical Garden, Bronx, 1996-present.

Associate Curator of Mycology, The New York Botanical Garden, Bronx, 1990-1996.

Assistant Curator of Mycology, The New York Botanical Garden, Bronx, 1984-1990.

Adjunct Professor of Biology, CUNY Graduate School, 1985-present.

Adjunct Senior Research Scientist, Earth Institute Center for Environmental Sustainability, Columbia University, 1997-present.

Adjunct Senior Research Scientist, Dept. Ecology, Evolution, Environmental Biology, Columbia University, 1997-2016.

Adjunct Professor, Fordham University, 2008-present.

Research Fellow, Division of Mycology, Curatorial Department, Buffalo Museum of Science, 1984-2012.

Museum Intern, The New York Botanical Garden, Bronx, 1983-1984.

Postdoctoral Fellow, The Farlow Herbarium, Harvard University, 1980-1983.

Affiliate, Currier House, Harvard University, 1982-present.

Research Assistant, U.S. Army Quartermaster Culture Collection of Fungi (University of Massachusetts), 1976-1978.

Instructor, San Francisco State University, 1975.

HONORS:

Distinguished Mycologist, Mycological Society of America, 2017.

Fellow of the Mycological Society of America, 2006.

GRANTS and AWARDS:

National Science Foundation, ADBC: Digitization TCN: Collaborative: The Microfungi Collections Consortium: A Networked Approach to Digitizing Small Fungi with Large Impacts on the Function and Health of Ecosystems, July 2015 – June 2018, \$470,639.00

National Science Foundation, CSBR: Natural History: Expansion of the New York Botanical Garden Herbarium to Incorporate Newly Acquired Specimens and Improve Curation, June 2014 – May 2016, \$330,806.00

National Science Foundation, “The Macrofungi Collection Consortium: Unlocking a Biodiversity Resource for Understanding Biotic Interactions, Nutrient Cycling and Human Affairs,” 2012-2017. \$1,312,125.

National Science Foundation, “Boletineae of Queensland, Australia,” 2010-2015, \$307,105.

National Geographic Society, “Macrofungi of Fraser Island, Australia,” 2009-2011, \$23,560.

National Science Foundation, “REVSYS: Revisions in Boletaceae (Fungi),” 2004-2007, \$214,753.

National Geographic Society, “Macrofungi of the Costa Rican Páramo,” 2002-2003, \$19,505.

National Science Foundation, “Macrofungi of Costa Rica,” Supplement, “Workshop on Basidiomycetes” 2001, \$10,800.

National Science Foundation, “Macrofungi of Costa Rica,” 1999-2002, \$155,000.

National Science Foundation, “Basidiomycetes of the Greater Antilles,” 1998, 1999, \$37,634, (subcontract from SUNY College at Cortland, NY).

National Science Foundation, “Agaricales of Costa Rican *Quercus* Forests,” 1993, \$61,066, (subcontract from Field Museum of Natural History).

Buffalo Society of Natural Sciences, Travel Grant, 1992, \$1000.

Buffalo Society of Natural Sciences, Travel Grant, 1987, \$2100.

Buffalo Society of Natural Sciences, Equipment Grant, 1987, \$1880.

National Science Foundation, "Monographic Studies on *Collybia* in tropical South America," 1986-1990, \$88,500.

Sigma Xi Scientific Research Society Grant-in-aid-of Research, 1979, \$300.

Esther Colton Whited Scholarship Award, 1976, \$250.

SOCIETY AFFILIATIONS:

Mycological Society of America, Australasian Mycological Society, British Mycological Society, Fungimap, Asociación Latinoamericana de Micología.

GRADUATE STUDENT PROGRAMS:

Outside committee member for D.E. Desjardin, San Francisco State University, 1985 (M.A.); University of Tennessee, 1985-1989 (Ph.D.).

Major advisor for Katia Rodrigues, CUNY-NYBG, 1986-1988 (Ph.D.).

Major advisor for Esperanza Franco, CUNY-NYBG, 1987-1993 (Ph.D.).

Outside committee member for J.L. Mata, University of Tennessee, 1999-2003 (Ph.D.).

Major advisor for Maria Alice Neves, CUNY-NYBG, 2003-2007 (Ph.D.).

Major advisor for Todd Osmundson, Columbia University, 2003-2008 (PhD.).

Major advisor for Naveed Davoodian, CUNY-NYBG, 2010-2017 (PhD).

EDITORIAL WORK:

Associate Editor, *Brittonia*, 1984-1989; Managing Editor, *Mycologia*, 1989-1996; Index Editor, *Mycologia*, 1996-1997; Managing Editor, *Mycologia Memoirs*, 1989-1991; Editorial Board, *Acta Terramaris* (Venezuela), 1988-1990; Editorial Board, *Caldasia* (Colombia), 1998-2002; Associate Editor, *Mycologia*, 2002-2004; Editorial Advisory Committee, *Mycologia*, 2010-2017; Webmaster, Mycological Society of America, 2001-2006.

PUBLIC SERVICE:

On call with the Poison Control Center, and Plant Information Service.

Scientific advice and identifications provided to New York Mycological Society, Connecticut-Westchester County Mycological Association, New Jersey Mycological Association, Long Island Mycological Club.

Routine identifications and advice to the public-at-large.

Earth & Sky Science Advisor.

NPR's Science Friday: Stalking the Wild Mushroom
(<http://www.sciencefriday.com/video/09/12/2008/stalking-the-wild-mushroom.html>)

NPR's Radio Lab: Tree to Shining Tree
<http://www.radiolab.org/story/from-tree-to-shining-tree/>

Webmaster, Mycological Society of America, 2001-2006.

Vice President, Mycological Society of America, 2006-07.

President Elect, Mycological Society of America, 2007-2008.

President, Mycological Society of America, 2008-2009.

Past-President, Mycological Society of America, 2009-2011.

Chairman, Nomenclature Committee, Mycologia Society of America, 2010-2015.

Editorial Advisory Committee, *Mycologia*, 2010-present.

FIELD WORK:

Argentina, Australia, Baltic Republics, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Indonesia, Jamaica, Malaysia, New Zealand, Panama, Papua New Guinea, Puerto Rico, Russia, Scandinavia, Thailand, USA, Venezuela, Western Europe.

RESEARCH IN PROGRESS:

Systematic revisions of Boletineae.

Global diversity and biogeography of Boletineae.

Costa Rican Macrofungi.

Agaricales of New York State.

PUBLICATIONS:

- 1 Gelardi, M., N. Fechner, **R.E. Halling**, F. Costanzo. 2017. *Gymnogaster boletoides* J.W. Cribb (Boletaceae, Boletales), a striking Australian secotioid bolete. *Austrobaileya* 10(1): 121-129.
- 2 Fechner, N., G Bonito, N.L. Bougher, T. Lebel, **R.E. Halling**. 2017. New species of *Austroboletus* (Boletaceae) in Australia. *Mycological Progress* 16: 769-775. DOI:10.1007/s11557-017-1314-0
- 3 Han, L.H., B. Buyck, N.S. Yorou, **R.E. Halling**, Z.-L. Yang. 2017. *Afroboletus sequestratus* (Boletales), the first species with sequestrate basidioma in the genus. *Phytotaxa* 305(1): 11-20.
- 4 Wu, G., K. Zhao, Y.-C. Li, N.-K. Zeng, B. Feng, **R.E. Halling**, Z.-L. Yang. 2016. Four new genera of the fungal family Boletaceae. *Fungal Diversity* 81: 1-24.
- 5 Zhao, K., G. Wu, **R.E. Halling**, Z.L. Yang. 2015. Three new combinations in *Butyriboletus* (Boletaceae). *Phytotaxa* 234(1): 51-62.
- 6 **Halling, R.E.**, N. Fechner, M. Nuhn, T. Osmundson, K. Soyong, D. Arora, M. Binder, D. Hibbett. 2015. Evolutionary relationships of *Heimioporus* and *Boletellus* (Boletales), with an emphasis on Australian taxa including new species and new combinations in *Aureoboletus*, *Hemileccinum* and *Xerocomus*. *Austral. Syst. Bot.* 28(1): 1–22. (includes color image for journal cover)
- 7 Zhu, X.-T, G. Wu, K. Zhao, **R.E. Halling**, Z.-L. Yang. 2015. *Hourangia*, a new genus of Boletaceae to accommodate *Xerocomus cheoi* and its allied species. *Mycol. Progress* 14:37 (DOI 10.1007/s11557-015-1060-0).
- 8 **Halling, R.E.**, D.E. Desjardin, N. Fechner, D. Arora, K. Soyong, B.T.M. Dentinger. 2014. New Porcini (*Boletus* sect. *Boletus*) from Australia and Thailand. *Mycologia* 106: 830-834.
- 9 Davoodian, N., **R.E. Halling**. 2013. Validation and typification of *Gyroporus purpurinus*. *Mycotaxon* 125: 103-105.
- 10 Thiers B.M., N. Wilson, **R.E. Halling** 2013. Making Scientific Vouchers of North American Macrofungi: How Documenting the Fungi You Encounter Contributes to the Mycoflora of North America. *McIlvainea* 22: 19-24.
- 11 Kuo, M, A.S. Methven, A.M. Minnis, **R.E. Halling**. 2013. Studies of North American macrofungi, 1. Validation of *Lactarius rubidus* comb. nov. and *Leccinellum quercophilum* sp. nov. *Mycotaxon* 124: 323-332
- 12 Nuhn, M., M. Binder, A.F.S. Taylor, **R.E. Halling**, D.S. Hibbett. 2013. Phylogenetic overview of the Boletineae. *Fungal Biology* 117: 479-511.
- 13 Trappe, J.M., M.A. Castellano, **R.E. Halling**, T.W. Osmundson, M. Binder, N. Fechner, N. Malajczuk. 2013. Australasian sequestrate fungi 18: *Soliococcus polychromus* gen. & sp. nov., a richly colored, tropical to subtropical, hypogeous fungus. *Mycologia* 105: 888-895. (includes

color image for journal cover)

- 14 **Halling, R.E.**, M. Nuhn, T.W. Osmundson, N.A. Fechner, J.M. Trappe, K. Soyong, D. Arora, D. S. Hibbett, M. Binder. 2012. Affinities of the *Boletus chromapes* group to *Royoungia* and the description of two new genera, *Harrya* and *Australopilus*. *Australian Systematic Botany* 25: 418-431. (includes color image for journal cover)
- 15 **Halling, R.E.**, M. Nuhn, N.A. Fechner, T.W. Osmundson, K. Soyong, D. Arora, D. S. Hibbett, M. Binder. 2012. *Sutorius*: a new genus for *Boletus eximius*. *Mycologia* 104: 951-961. (includes color image for journal cover)
- 16 Neves M.A., M. Binder, **R.E. Halling**, D. Hibbett, K. Soyong. 2012. The phylogeny of selected *Phylloporus* species, inferred from NUC-LSU and ITS sequences, and descriptions of new species from the Old World. *Fungal Diversity* 55: 109-123.
- 17 Tulloss, R.E., **R.E. Halling**, G.M. Mueller. 2011. Studies in *Amanita* (*Amanitaceae*) of Central America. 1. Three new species from Costa Rica and Honduras. *Mycotaxon* 117: 165-205.
- 18 **Halling, R.E.**, N.A. Fechner. 2011. *Heimioporus* (Boletineae) in Australia. *Australasian Mycologist* 29: 46-50.
- 19 **Halling, R.E.**, N.A. Fechner. 2011. Toward a concept for *Boletellus ananiceps*. *Fungimap Newsletter* 42: 3-4 (plus color plates).
- 20 Dentinger, B.T.M., J.F. Ammirati, E.E. Both, D.E. Desjardin, **R.E. Halling**, T.W. Henkel, P.-A. Moreau, E. Nagasawa, K. Soyong, A.F. Taylor, R. Watling, J.-M. Moncalvo, D.J. McLaughlin. 2010. Molecular phylogenetics of porcini mushrooms (*Boletus* section *Boletus*). *Molecular Phylogenetics and Evolution*. 57: 1276-1292.
- 21 Osmundson, T.W., **R.E. Halling**. 2010. *Tylopilus oradivensis* sp. nov.: a newly described member of the *Tylopilus balloui* complex from Costa Rica. *Mycotaxon* 113: 475-483.
- 22 Neves, M.-A., T.W. Henkel, **R.E. Halling**. 2010. *Phylloporus colligatus* sp. nov., a new gilled bolete from Guyana. *Mycotaxon* 111: 143-148.
- 23 Neves, M.-A., **R. E. Halling**. 2010. Study on species of *Phylloporus*. I – Neotropics and North America. *Mycologia* 102: 923-943.
- 24 Fulgenzi, T.D., **R.E. Halling**, T.W. Henkel. 2010. *Fistulinella cinereoalba* sp. nov. and new distribution records for *Austroboletus* from Guyana. *Mycologia* 102: 224-232.
- 25 **Halling, R.E.**, B. Ortiz-Santana. 2009. A revision of *Boletellus* sect. *Ixocephali*. *Mycological Progress* 8: 237-244.
- 26 Ortiz-Santana, B., **R.E. Halling**. 2009. A new species of *Leccinum* (Basidiomycota, Boletales) from Belize. *Brittonia* 61: 172-174.
- 27 Guzmán, G., E. Horak, **R.E. Halling**, F. Ramírez-G. 2009. Further studies on *Psilocybe* from the

Caribbean, Central America and South America, with descriptions of new species and remarks to new records. *Sydowia* 61: 215-242.

- 28 Mayor, J.R., T.D. Fulgenzi, T.W. Henkel, **R.E. Halling**. 2008. *Boletellus piakaii* sp. nov. and a new distribution record for *Boletellus ananas* var. *ananas* from Guyana. *Mycotaxon* 105: 387-398.
- 29 **Halling, R. E.**, E. Horak. 2008. *Phaeocollybia longistipitata* sp. nov. from Costa Rica. *N. Amer. Fungi* 7: 177-185.
- 30 Fulgenzi, T.D., J.R. Mayor, T.W. Henkel, **R.E. Halling**. 2008. New species of *Boletellus* from Guyana. *Mycologia* 100: 490-495.
- 31 **Halling, R.E.**, T.W. Osmundson, M.A. Neves. 2008. Pacific boletes: Implications for biogeographic relationships. *Mycological Research* 112: 437-447.
- 32 Hughes, K.W., R.H. Petersen, J.L. Mata, N.V. Psurtseva, A.E. Kovalenko, O.V. Morozova, E.B. Lickey, J. Cifuentes Blanco, D.P. Lewis, E. Nagasawa, **R.E. Halling**, S. Takehashi, M.C. Aime, T. Bau, T. Henkel. 2007 (2008). *Megacollybia* (Agaricales). *Report of the Tottori Mycological Institute* 45: 1-57.
- 33 Ammirati, J., S. Garnica, **R.E. Halling**, M. Mata, G.M. Mueller, J. Carranza. 2007. New *Cortinarius* species associated with *Quercus* and *Comarostaphylis* in Costa Rica. *Can. J. Bot.* 85: 794-812.
- 34 Fulgenzi, T.D., T.W. Henkel, **R.E. Halling**. 2007. *Tylopilus orsonianus* sp. nov. and *Tylopilus eximius* from Guyana. *Mycologia* 99: 622-627.
- 35 **Halling, R.E.**, H.-T. Chan, S.-S. Lee 2007. Basidiomycota: *Boletaceae*. In: E.B.G. Jones, K.D. Hyde, S. Vikineswary (eds.) *Malaysian Fungal Diversity*. Mushroom Research Centre, University of Malaya and Ministry of Natural Resources and Environment, Malaysia: 41-53.
- 36 Mueller, G. M., J. P. Schmit, P. R. Leacock, B. Buyck, J. Cifuentes, D. E. Desjardin, **R.E. Halling**, K. Hjortstam, T. Iturriaga, K.-H. Larsson, D. J. Lodge, T. W. May, D. Minter, M. Rajchenberg, S. A. Redhead, L. Ryvarden, J. M. Trappe, R. Watling, Q-X. Wu. 2007. Global Diversity and Distribution of Macrofungi. *Biodiversity & Conservation* 16: 37-48.
- 37 **Halling, R.E.**, T.J. Baroni, M. Binder. 2007. A new genus of Boletaceae from eastern North America. *Mycologia* 99: 310-316.
- 38 Osmundson, T.W., **R.E. Halling**, H.C. den Bakker 2007. Morphological and molecular evidence supporting an arbutoid mycorrhizal relationship in the Costa Rican páramo. *Mycorrhiza* 17: 217-222.
- 39 **Halling, R.E.**, T.W. Osmundson, M.A. Neves 2006. *Austroboletus mutabilis* sp. nov. from northern Queensland. *Muelleria* 24: 31-36.
- 40 Mueller, G.M., **R. E. Halling**, J. Carranza, M. Mata, J. P. Schmit 2006. Saprotrophic and ectomycorrhizal macrofungi of Costa Rican oak forests. pp. 55-68. In: M. Kappelle, (ed.).

Ecology and Conservation of Neotropical Montane Oak Forests. Ecological Series, Vol. 51. Springer. Heidelberg.

- 41 Buyck, B., **R.E. Halling**, G.M. Mueller. 2003 (2005). The inventory of *Russula* in Costa Rica: discovery of two very rare North American species in montane oak forest. *Bol. Micol. Bresadola* 46: 57-74.
- 42 **Halling, R.E.**, G. M. Mueller 2005. *Common Mushrooms of the Talamanca Mountains, Costa Rica*. New York Botanical Garden Press, Bronx. 195 p.
- 43 **Halling, R.E.**, M. Mata. 2004. *Boletus flavoruber*, un nouveau bolet du Costa Rica. *Bull. Soc. Mycol. France* 120: 257-262.
- 44 Mata, J.L., **R.E. Halling**, K.W. Hughes, R.H. Petersen. 2004. *Rhodocollybia* (Agaricales) in neotropical montane forests. *Mycological Progress* 3: 337-351.
- 45 Mata, J.L., **R.E. Halling**, R.H. Petersen 2004. New species and mating system reports in *Gymnopus* (Agaricales) from Costa Rica. *Fungal Diversity* 16: 113-129.
- 46 **Halling, R.E.**, M. Mata, G.M. Mueller. 2004. Three new boletes for Costa Rica. *Mem. New York Bot. Gard.* 89: 141-147.
- 47 Buyck, B., **R.E. Halling**. 2004. Two new *Quercus*-associated Russulas from Costa Rica and their relation to some very rare North American species. *Cryptogamie (Mycologie)* 25: 3-13.
- 48 Montoya, L., V.M. Bandala, **R.E. Halling**. 2003. *Lactarius furcatus* in Mexico and Costa Rica. *Mycotaxon* 87: 311-316.
- 49 **Halling, R.E.**, G.M. Mueller 2003. *Leccinum* (Boletaceae) in Costa Rica. *Mycologia* 95: 488-499.
- 50 Mata, M, **R.E. Halling**, G.M. Mueller. 2003. *Macrohongos de Costa Rica*. Vol. 2. INBio, Santo Domingo, Costa Rica. 240 p.
- 51 Eyssartier, G., B. Buyck, **R.E. Halling**. 2003. Une nouvelle chanterelle du Costa Rica: *Cantharellus atrolilacinus* sp. nov. *Cryptogamie (Mycologie)* 24: 21-25.
- 52 Huhndorf, S.M., **R.E. Halling**, G.M. Mueller, F.A. Fernández. 2003. The Costa Rican mycology training workshops. *Inoculum* 54(2): 1-4.
- 53 Amtoft, A., **R.E. Halling**, G. M. Mueller. 2002 [2003]. *Tylopilus alkalixanthus*, a new species of Boletaceae from Costa Rica and Japan. *Brittonia* 54: 262-265.
- 54 Verbeken, A., N.L. Bougher, **R.E. Halling**. 2002. *Lactarius* (Basidiomycota, Russulaceae) in Papua New Guinea. 3. Two new *Lactarius* species in subgenus *Plinthogali*. *Australian Systematic Botany*. 15: 765-771.
- 55 **Halling, R.E.**, G. M. Mueller. 2002. Agarics and boletes of Neotropical oakwoods. **In:** *Tropical Mycology*, Watling, R., J. C. Frankland, A. M. Ainsworth, S. Isaac, and C. H. Robinson, eds.

CABI Publishing, UK, p. 1-10.

- 56 **Halling, R.E.**, G. M. Mueller. 2001. *Tylopilus bulbosus* sp. nov. from Costa Rica. *Harvard Papers in Botany* 6: 109-112.
- 57 **Halling, R.E.**, R. Maziero. 2001. I boleti del New York Botanical Garden. *I Funghi* 8(76): 30-36.
- 58 **Halling, R.E.** 2001. Ectomycorrhizae: Co-evolution, significance and biogeography. *Ann. Missouri Bot. Gard.* 88: 5-13.
- 59 Franco-M., A.E., R. Aldana-G., **R.E. Halling**. 2000. *Setas de Colombia (Agaricales, Boletales y otras Hongos)*, *Guía de Campo*. COLCIENCIAS – Universidad de Antioquia. 156 pp.
- 60 Thiers, B.M., **R.E. Halling**. 2000. Harry Delbert Thiers. *McIlvainea* 14(2): 46-50.
- 61 Baroni, T.J., **R.E. Halling**. 2000. Some Entolomataceae (Agaricales) from Costa Rica. *Brittonia* 52: 121-135.
- 62 **Halling, R.E.** 1999. New Leccinums from Costa Rica. *Kew Bull.* 54: 747-753.
- 63 **Halling, R.E.**, G.M. Mueller 1999. New boletes from Costa Rica. *Mycologia* 91: 893-899.
- 64 **Halling, R.E.**, G.M. Mueller, M. Dallwitz 1999. A new *Phylloporus* (Basidiomycetes, Boletaceae) with a key to species in Colombia and Costa Rica. *Mycotaxon* 73: 63-67.
- 65 **Halling, R.E.**, G.M. Mueller 1999. A new species and a new record for the genus *Xerula* (Agaricales) from Costa Rica. *Mycotaxon* 71: 105-110.
- 66 Desjardin, D.E., **R.E. Halling**, D.E. Hemmes 1999. Agaricales of the Hawaiian Islands. 5: The genera *Rhodocollybia* and *Gymnopus*. *Mycologia* 91: 166-176.
- 67 **Halling, R.E.**, G.M. Mueller. 1999. *Macrofungi of Costa Rica*.
<<http://www.nybg.org/bsci/res/hall/index.html>>
- 68 **Halling, R.E.**, G.M. Mueller, M.J. Dallwitz. 1998 onwards. *Leccinum and Phylloporus in Costa Rica: Descriptions, Illustrations, Identification, and Information Retrieval*. Version: 20 February 2000.
- 69 **Halling, R.E.**, E. Both. 1998. Generic affinity of *Boletus separans*. *Bull. Buffalo Soc. Nat. Sci.* 36: 239-243.
- 70 Desjardin, D.E., **R.E. Halling**, B.A. Perry. 1997. *Gymnopus villosipes*: a common collybioid agaric from California. *Mycotaxon* 60: 141-147.
- 71 Antonín, V. **Halling, R.E.**, M.E. Noordeloos. 1997. Generic concepts within the groups of *Marasmius* and *Collybia* sensu lato. *Mycotaxon* 63: 359-368.
- 72 **Halling, R.E.** 1997. Index to *Mycologia* vol. 89. *Mycologia* 89: 977-996.

- 73 Tulloss, R. E., **R.E. Halling**. 1997. Type studies of *Amanita morenoi* and *Amanita pseudospreta* and a reinterpretation of crassospores in *Amanita*. *Mycologia* 89: 278-288.
- 74 **Halling, R.E.** 1997. *A revision of Collybia s.l. in the northeastern United States and adjacent Canada*. World Wide Web page at URL: <http://www.nybg.org/bsci/res/col/colintro.html>
- 75 **Halling, R.E.** 1996. *Agaricales of Costa Rican Quercus forests*. World Wide Web site at URL: <http://www.nybg.org/bsci/res/hall/index.html>
- 76 **Halling, R.E.** 1996 (1997). Boletaceae (Agaricales): Latitudinal biodiversity and biological interactions in Costa Rica and Colombia. *Rev. Biol. Trop.* 44(suppl. 4): 111-114.
- 77 **Halling, R.E.** 1996 (1997). Index to Mycologia vol. 88. *Mycologia* 88: 1037-1057.
- 78 **Halling, R.E.** 1996 (1997). Notes on *Collybia* V. *Gymnopus* section *Levipedes* in tropical South America, with comments on section *Collybia*. *Brittonia* 48: 487-494.
- 79 **Halling, R.E.**, A. E. Franco-M. 1996. Agaricales from Costa Rica: New taxa with ornamented spores. *Mycologia* 88: 666-670.
- 80 **Halling, R.E.** 1996. Recommendations for collecting mushrooms for scientific study. pp. 135-141. In: M. N. Alexiades, (ed.). *Selected guidelines for Ethnobotanical research: A field manual*. The New York Botanical Garden, Bronx.
- 81 Mueller, G.M., **R.E. Halling**. 1995. Evidence for high biodiversity of Agaricales (Fungi) in neotropical montane *Quercus* forests. In: S. Churchill, H. Balslev, E. Forero, & J. Luteyn, (eds.). *Biodiversity and Conservation of Neotropical Montane Forests*. New York Botanical Garden, Bronx. p. 303-312.
- 82 Petersen, R.H., **R.E. Halling**. 1993 (1994). Mating behavior in the Xerulaceae: *Oudemansiella*. *Trans. Mycol. Soc. Japan* 34: 409-421.
- 83 **Halling, R.E.** 1993. Two new Crinipellinae (Tricholomataceae: Marasmieae) from South America. *Mycotaxon* 47: 379-385.
- 84 **Halling, R.E.** 1992. A new species of *Boletus* section *Luridi* from Colombia. *Brittonia* 44: 322-325.
- 85 Baroni, T.J., **R.E. Halling**. 1992. New species of *Rhodocybe* from South America with a key to species. *Mycologia* 84: 411-421.
- 86 Tulloss, R.E., C.L. Ovrebo, **R.E. Halling**. 1992. Studies on *Amanita* (Amanitaceae) from Andean Colombia. *Mem. New York Bot. Gard.* 66: 1-46.
- 87 Horak, E., **R.E. Halling**. 1991. New records of *Phaeocollybia* from Colombia. *Mycologia* 83: 464-472.
- 88 Singer, R., C.L. Ovrebo, **R.E. Halling**. 1990. A new species of *Phylloporus* and a new species of *Tricholomopsis* from Colombia with notes on *Phylloporus boletinoides*. *Mycologia* 82: 452-459.

- 89 **Halling, R.E.** 1990. *Collybia fuscopurpurea* in the Americas (Notes on *Collybia* IV). *Mycol. Res.* 94: 671-674.
- 90 **Halling, R.E.** 1989 (1990). Notes on *Collybia* III. Three neotropical species of subg. *Rhodocollybia*. *Mycologia* 81: 870-875.
- 91 Pfister, D.H., **R.E. Halling**. 1989. *Ascosparassis heinricherii* from the Americas. *Mycotaxon* 35: 283-285.
- 92 Wolfe, C.B. Jr., **R.E. Halling**. 1989. *Tylophilus griseocarneus*, a new species from the North American Atlantic and Gulf Coastal Plain. *Mycologia* 81: 342-346.
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