

CURRICULUM VITAE

Roy E. Halling
Denver Botanic Gardens, Denver, CO
The New York Botanical Garden, Bronx, NY

EDUCATION: University of Massachusetts, Amherst - Phd. 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:

Adjunct Researcher, Denver Botanic Gardens, Denver, 2021-present.

Curator of Mycology (Emeritus), The New York Botanical Garden, Bronx, 2019-present.

Curator of Mycology, The New York Botanical Garden, Bronx, 1996-2018.

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

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

Conjoint Fellow, School of Environmental & Life Sciences, University of Newcastle, NSW, Australia, 2017-2019.

Adjunct Professor of Biology, CUNY Graduate School, 1985-2018.

Adjunct Senior Research Scientist, Earth Institute Center for Environmental Sustainability, Columbia University, 1997-2018.

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

Adjunct Professor, Fordham University, 2008-2018.

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 (Cryptogamic Botanist), The Farlow Herbarium, Harvard University, 1980-1983.

Affiliate, Currier House, Harvard University, 1982-2018.

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, Colorado Mycological Society, Fungimap, North American Mycological Association, Fungal Network of New Zealand, Asociación Latinoamericana de Micología.

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 (Phd.).

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

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

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

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

Major advisor for Naveed Davoodian, CUNY-NYBG, 2010-2018 (Phd.).

Mentor for Olga Khmelnitsky, Bronx High School of Science, 2016-2018. (Regeneron Scholar).

Mentor for Heidi Prichard, University of Newcastle, NSW, Australia 2018 (Honors Research).

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, 2010-2018; Webmaster, Mycological Society of America, 2001-2006.

PUBLIC SERVICE:

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

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, President Elect, President, Past-President, Mycological Society of America, 2006-2011.

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

Editorial Advisory Committee, *Mycologia*, 2010-2018.

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.

PUBLICATIONS:

Li J, **R.E. Halling**, T.W. Osmundson, Z.-L. Yang, Y.-C. Li. 2025. Global diversity of *Tylopilus alboater* complex (Boletaceae, Boletales): new genus and species, and typification of the name *Boletus alboater*. *IMA Fungus* 16: (DOI: 10.3897/imafungus.16.159676).

Tremble K, **R.E. Halling**, T.W. Henkel, J.M. Moncalvo, B.T.M. Dentinger. 2023. Nomenclatural novelties. *Index Fungorum* no. 555. (<https://www.indexfungorum.org/Publications/Index%20Fungorum%20no.555.pdf>)

Matheny, P.B., L.V. Kudzma, M.G. Graddy, S.M. Mardini, C.R. Noffsinger, R.A. Swenie, N.C. Walker, S.R. Campagna, **R. Halling**, R. Lebeuf, M. Kuo, D.P. Lewis, M.E. Smith, M. Tabassum, S.A. Trudell, J. Vauras. 2023. A phylogeny for North American *Mallocybe* (*Inocybaceae*) and taxonomic revision of eastern North American taxa. *Fungal Systematics and Evolution* 12: 153-201. (<https://doi.org/10.3114/fuse.2023.12.09>)

Shumkaya, M., K.S. Mironov, J.A. Ballesteros, I. Safonov, **R.E. Halling**. 2023. DNA isolation and genome sequence of the 134-year-old holotype species of *Boletus subvelutipes* Peck. *Ecology and Evolution* (<https://doi.org/10.1002/ece3.10389>)

Halling, R.E. N.A. Fechner, G. Holmes, N. Davoodian. 2023. *Kgaria* (Boletaceae, Boletoidae) gen. nov. in Australia: Neither a *Tylopilus* nor a *Porphyrellus*. *Fungal Systematics and Evolution* 12: 31-45. (<https://doi.org/10.3114/fuse.2023.12.02>)

Montoya, L., A. Ramos, **R.E. Halling**, V.M. Bandala. 2022. A new species and a new record of *Tylopilus* (Boletaceae) of the *balloui* group in lowland and montane forests from Eastern Mexico. *Mycological Progress* 22: 1-14 (<https://doi.org/10.1007/s11557-022-01850-9>)

Liimatainen, J.F. Ammirati, T. Niskanen, A. Corrales, C. Ovrebo, B. Dima, **R. Halling**, D. Savage. 2022. Nomenclatural novelties. *Index Fungorum* no. 528: 1-10.

Matheny, P.B., A. Corrales, M.G. Graddy, **R.E. Halling**, J. Kalichman, L.V. Kudzma, C.L. Ovrebo, R.A. Swenie, N.C. Walker. 2022. A revision of the *Inocybe grammata* group in North America including four new taxa. *Brittonia* 74: 436-464..

Liu, J.-W., Z.-W. Ge, E. Horak, A. Vizzini, **R.E. Halling**, C.-L. Pan, Z.L. Yang. 2021. *Squamanitaceae* and three new species of *Squamanita* parasitic on *Amanita* basidiomes. *IMA Fungus* 12: 1-24. (open access: <https://doi.org/10.1186/s43008-021-00057-z>).

Guard, F.E., S. McMullan-Fisher, J. Van Wyk, T. Lebel, **R.E. Halling**. 2021. *Austroboletus yourkae*, sp. nov. (Fungal Planet description sheet 1336, p. 276-277), IN: P. Crous *et al.*, Fungal Planet description sheets: 1284-1382. *Persoonia* 47: 178-374.

Ovrebø, C.L., **R.E. Halling**, K.W. Hughes, M. Kuo. 2021. New species and records of *Tricholoma* (Agaricales: Tricholomataceae) sections *Genuina* and *Megatracholoma* from Costa Rica and United States. *Journal of the Botanical Research Institute of Texas* 15(2): 545-557. (open access: <https://doi.org/10.17348/jbrit.v15.i2.1160>).

Osmundson, T.W., N.L. Bougher, R.M. Robinson **R.E. Halling**. 2021. *Rubinoboletus phaseolisporus* (Boletaceae) from Western Australia is a *Tylopilus* with bean-shaped spores. *Nuytsia* 32: 87-97.

Vadthananarat, S., **R.E. Halling**, M. Amalfi, S. Lumyong, O. Raspé. 2021. An unexpectedly high number of new *Sutorius* (Boletaceae) species from northern and northeastern Thailand. *Frontiers in Microbiology* 12: 1-27. (open access: <https://doi.org/10.3389/fmicb.2021.643505>).

Liu, J.-W., Z.W. Ge, E. Horak, A. Vizzini, **R.E. Halling**, C.L. Pan, Z.-L. Yang. 2021. *Squamanitaceae* and three new species of *Squamanita* parasitic on *Amanita* basidiomes. *IMA Fungus* 12: 1-24. (open access: <https://doi.org/10.1186/s43008-021-00057-z>)

De Crop, E., L. Delgat, J. Nuytinck, **R.E. Halling**, A. Verbeken. 2021. A short story of nearly everything in *Lactifluus* (Russulaceae). *Fungal Systematics and Evolution* 7: 133-164.

Halling, R.E., N. Fechner, N. Davoodian. 2020. *Veloboletus limbatus*, gen. et sp. nov. *Persoonia* 45: 398-399 (Fungal Planet 1178).

Syme, K., G. Bonito, T. Lebel, N. Fechner, **R.E. Halling**. 2020. *Austroboletus asper*, sp. nov. *Persoonia* 45: 328-329 (Fungal Planet 1143).

Han, L.H., G. Wu, E. Horak, **R.E. Halling**, J. Xu, E.S.T. Ndolo, H. Sato, N. Fechner, Y.P. Sharma, Z.L. Yang. 2020. Phylogeny and species delimitation of *Strobilomyces* (Boletaceae), with emphasis on the Asian species. *Persoonia* 44: 113-139.

Davoodian, N., K. Hosaka, O. Raspé, O.A. Asher, A.R. Franck, A. De Kesel, T.P. Delaney, J.F. Ammirati, E. Nagasawa, B. Buyck, **R. E. Halling**. 2020. Diversity of *Gyroporus* (Gyroporaceae, Boletales): *rpb2* phylogeny and three new species. *Phytotaxa* 434(3): 208-218.

He, M.-Q., R.-L. Zhao, K. D. Hyde, D. Begerow, M. Kemler, A. M. Yurkov, E. McKenzie, O. Raspé, M. Kakishima, S. Sanchez-R., E. Vellingam, **R. E. Halling**, et al. 2019. Notes, outline and divergence times of Basidiomycota. *Fungal Diversity* 99(1): 105-367.

Delgat, L., G. Dierickx, S. De Wilde, C. Angelini, E. De Crop, R. De Lange, **R. E. Halling**, C. Manz, J. Nuytinck, A. Verbeken. 2019. Looks can be deceiving: the deceptive milkcaps (*Lactifluus*, Russulaceae) exhibit low morphological variance but harbour high genetic diversity. *IMA Fungus* 10: 14-25.

Dierickx, G., M. Froyen, **R.E. Halling**, K. Wisitrasameewong, L. Delgat, E. De Crop, A. Verbeken. 2019. Updated taxonomy of *Lactifluus* section *Luteoli*: *L. russulisporus* from Australia and *L.*

caliendrifer from Thailand. *MycKeys* 56: 13-32.

Vadthanarat, S., M. Amalfi, **R.E. Halling**, V. Bandala, S. Lumyong, O. Raspé. 2019. Two new *Erythrophylloporus* species (Boletaceae) from Thailand, with two new combinations of American species. *MycKeys* 55: 29-57.

Davoodian, N., N.L. Bougher, N.A. Fechner, S.E. Bergemann, **R.E. Halling**. 2019. Three new species of *Gyroporus* (Boletales, Basidiomycota) from Australia. *Muelleria* 37: 101-107.

Ovrebo, C.L., K.W. Hughes, **R.E. Halling**. 2019. Three new species of *Tricholoma* from Costa Rica. *Phytotaxa* 392(1): 33-44.

Khmelnitsky, O., N. Davoodian, P. Singh, O. Raspé, S. Lee, N. Fechner, G. Bonito, T. Lebel, **R.E. Halling**. 2019. *Ionosporus*: A new genus for *Boletus longipes* (Boletaceae), with a new species, *I. australis*, from Australia. *Mycological Progress* 18: 439-451.

Davoodian, N., S.E. Bergemann, K. Hosaka, O. Raspé, N.L. Bougher, N.A. Fechner, T.W. Henkel, M. Gelardi K. Soyong, A. Naseer, B. Ortiz-Santana, T.J. Baroni, E. Nagasawa, M.E. Smith, **R.E. Halling**. 2018. A global view of *Gyroporus*: molecular phylogenetics, diversity patterns, and new species. *Mycologia* 110: 985-995.

Wang, X-H., **R.E. Halling**, V. Hofstetter, T. Lebel, B. Buyck. 2018. Phylogeny, biogeography and taxonomic re-assessment of *Multifurca* (Russulaceae, Russulales) using three-locus data. *PlosOne* doi.org/10.1371/journal.pone.025840.

Wang, X.H., **R.E. Halling**, V. Hofstetter, T. Lebel, B. Buyck. 2018. Nomenclatural novelties. *Index Fungorum* 358.

Thiers, B.M. **R.E. Halling**. 2018. The Macrofungi Collection Consortium. *Applications in Plant Sciences* 6(2):e1021.

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.

Han, L.H., B. Feng, G. Wu, **R.E. Halling**, B. Buyck, N.S. Yorou, S.T.N. Ebika, Z.L. Yang. 2017 (2018). African origin and global distribution patterns: Evidence inferred from phylogenetic and biogeographical analyses of ectomycorrhizal fungal genus *Strobilomyces*. *Journal of Biogeography* 45(1): 201-212. (DOI: 10.1111/jbi.13094)

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

Chakraborty, D., K. Das, A. Baghela, S. Adhikari, **R.E. Halling**. 2017. A new species of porcini mushroom from India with morphology and phylogeny. *Nova Hedwigia* 105(1-2): 197-204.

Tulloss, R.E., T. W. Kuyper, E.C. Vellinga, Z-L. Yang, **R.E. Halling**, et al. 2016. The genus *Amanita* should not be split. *Amanitaceae* 1(3): 1-16.

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.

- 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.
- Vellinga, E.C., T. W. Kuyper, J. Ammirati, D.E. Desjardin, **R.E. Halling**, et al. 2015. Six simple guidelines for introducing new genera of macrofungi. *IMA Fungus* 6: 65-68.
- Zhao, K., G. Wu, **R.E. Halling**, Z.L. Yang. 2015. Three new combinations in *Butyriboletus* (Boletaceae). *Phytotaxa* 234(1): 51-62.
- 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*. *Australian Systematic Botany* 28(1): 1–22. (includes color image for journal cover)
- 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. *Mycological Progress* 14:37 (DOI 10.1007/s11557-015-1060-0).
- 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.
- Davoodian, N., **R.E. Halling**. 2013. Validation and typification of *Gyroporus purpurinus*. *Mycotaxon* 125: 103-105.
- 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.
- 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
- 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.
- Trappe, J.M., M.A. Castellano, **R.E. Halling**, T.W. Osmundson, M. Binder, N. Fechner, N. Malajczuk. 2013. Australasian sequestrate fungi 18: *Solioccasus polychromus* gen. & sp. nov., a richly colored, tropical to subtropical, hypogeous fungus. *Mycologia* 105: 888-895. (includes color image for journal cover)
- 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)
- 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)
- 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.

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.

Halling, R.E., N.A. Fechner. 2011. *Heimioporus* (Boletineae) in Australia. *Australasian Mycologist* 29: 46-50.

Halling, R.E., N.A. Fechner. 2011. Toward a concept for *Boletellus ananiceps*. Fungimap Newsletter 42: 3-4 (plus color plates).

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.

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.

Neves, M.-A., T.W. Henkel, **R.E. Halling**. 2010. *Phylloporus colligatus* sp. nov., a new gilled bolete from Guyana. *Mycotaxon* 111: 143-148.

Neves, M.-A., **R. E. Halling**. 2010. Study on species of *Phylloporus*. I – Neotropics and North America. *Mycologia* 102: 923-943.

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.

Halling, R.E., B. Ortiz-Santana. 2009. A revision of *Boletellus* sect. *Ixocephali*. *Mycological Progress* 8: 237-244.

Ortiz-Santana, B., **R.E. Halling**. 2009. A new species of *Leccinum* (Basidiomycota, Boletales) from Belize. *Brittonia* 61: 172-174.

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.

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.

Halling, R. E., E. Horak. 2008. *Phaeocollybia longistipitata* sp. nov. from Costa Rica. *N. Amer. Fungi* 7: 177-185.

Fulgenzi, T.D., J.R. Mayor, T.W. Henkel, **R.E. Halling**. 2008. New species of *Boletellus* from Guyana. *Mycologia* 100: 490-495.

Halling, R.E., T.W. Osmundson, M.A. Neves. 2008. Pacific boletes: Implications for biogeographic relationships. *Mycological Research* 112: 437-447.

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.

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.

Fulgenzi, T.D., T.W. Henkel, **R.E. Halling**. 2007. *Tylopilus orsonianus* sp. nov. and *Tylopilus eximius* from Guyana. *Mycologia* 99: 622-627.

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.

Mueller, G. M., J. P. Schmit, P. R. Leacock, B. Buyck, J. Cifuentes, D. E. Desjardin, **R.E. Halling**, K. Hjortstam, T. Itturriaga, 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.

Halling, R.E., T.J. Baroni, M. Binder. 2007. A new genus of Boletaceae from eastern North America. *Mycologia* 99: 310-316.

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