

- Aanen, D. K. & T. W. Kuyper (1999). Intercompatibility tests in the *Hebeloma crustuliniforme* complex in northwestern Europe. *Mycologia* 91: 783-795.
- Aanen, D. K., T. W. Kuyper, T. Boekhout & R. F. Hoekstra (2000). Phylogenetic relationships in the genus *Hebeloma* based on ITS1 and 2 sequences, with special emphasis on the *Hebeloma crustuliniforme* complex. *Mycologia* 92: 269-281.
- Aanen, D. K. & T. W. Kuyper (2004). A comparison of the application of a biological and phenetic species concept in the *Hebeloma crustuliniforme* complex within a phylogenetic framework. *Persoonia* 18: 285-316.
- Abbott, S. O. & Currah, R. S. (1997). The Helvellaceae: Systematic revision and occurrence in northern and northwestern North America. *Mycotaxon* 62: 1-125.
- Abesha, E., G. Caetano-Anollés & K. Høiland (2003). Population genetics and spatial structure of the fairy ring fungus *Marasmius oreades* in a Norwegian sand dune ecosystem. *Mycologia* 95: 1021-1031.
- Abraham, S. P. & A. R. Loeblich III (1995). *Gymnopilus palmicola* a lignicolous Basidiomycete, growing on the adventitious roots of the palm sabal palmetto in Texas. *Principes* 39: 84-88.
- Abrar, S., S. Swapna & M. Krishnappa (2012). Development and morphology of *Lysurus cruciatus*--an addition to the Indian mycobiota. *Mycotaxon* 122: 217-282.
- Accioly, T., R. H. S. F. Cruz, N. M. Assis, N. K. Ishikawa, K. Hosaka, M. P. Martín & I. G. Baseia (2018). Amazonian bird's nest fungi (Basidiomycota): Current knowledge and novelties on *Cyathus* species. *Mycoscience* 59: 331-342.
- Acharya, K., P. Pradhan, N. Chakraborty, A. K. Dutta, S. Saha, S. Sarkar & S. Giri (2010). Two species of *Lysurus* Fr.: addition to the macrofungi of West Bengal. *Journal of the Botanical Society of Bengal* 64: 175-178.
- Ackerfield, J. (2015). *Flora of Colorado*. Fort Worth, Texas: Botanical Institute of Texas Press. 818 pp.
- Adamčík, S. (2002). Taxonomy of the *Russula xerampelina* group. Part 2. Taxonomic and nomenclatural study of *Russula xerampelina* and *R. erythropoda*. *Mycotaxon* 82: 241-267.
- Adamčík, S. (2003). *Russula faginea* and similar taxa. *Czech Mycology* 54: 177-191.
- Adamčík, S., J. Holec, P. Lizon, S. Ripkova & V. Kucera (2006). Notes on taxa of the genus *Pholiota* described by C. Kalchbrenner. *Mycotaxon* 97: 5-12.
- Adamčík, S. & B. Buyck (2010). Re-instatement of *Russula levyana* Murrill as a good and distinct American species of *Russula* section *Xerampelinae*. *Cryptogamie, Mycologie* 31: 119-135.
- Adamčík, S., D. Mitchell & B. Buyck (2010). *Russula ochrifloridana* sp. nov., a new yellowish fishy *Russula* from Florida and its comparison with *R. grundii*. *Cryptogamie, Mycologie* 31: 363-372.
- Adamčík, S. & B. Buyck (2011). The species of *Russula* subsection *Xerampelinae* described by C. H. Peck and Miss G. S. Burlingham. *Cryptogamie, Mycologie* 32: 63-81.

- Adamčík, S., X. Carteret & B. Buyck (2013). Type studies on some *Russula* species described by C. H. Peck. *Cryptogamie, Mycologie* 34: 367-391.
- Adamčík, S. & B. Buyck (2014). Type studies in *Russula* subsection *Nigricantes* from the eastern United States. *Cryptogamie, Mycologie* 35: 293-309.
- Adamčík, S., S. Jančovičová & B. Buyck (2015). Type-studies in American *Russula* subsection *Decolorantes* (Russulales, Basidiomycota), part II. *Phytotaxa* 231: 245-259.
- Adamčík, S., M. Cabon, U. Eberhardt, M. Saba, F. Hampe, M. Slokák, J. Kleine, H. Marxmüller, S. Jančovičová, D. H. Pfister, A. N. Khalid, M. Kolarík, K. Marhold & A. Verbeken (2016). A molecular analysis reveals hidden species diversity within the current concept of *Russula maculata* (Russulaceae, Basidiomycota). *Phytotaxa* 270: 71-88.
- Adamčík, S., M. Slováč, U. Eberhardt, A. Ronikier, T. Jaius, F. Hampe & A. Verbeken (2016). Molecular inference, multivariate morphometrics and ecological assessment are applied in concert to delimit species in the *Russula clavipes* complex. *Mycologia* 108: 716-730.
- Adamčík, S., S. Jančovičová & B. Buyck (2018). The Russulas described by Charles Horton Peck. *Cryptogamie, Mycologie* 39: 3-108.
- Agerer, R. (1993). Ectomycorrhizae of *Hydnellum peckii* on Norway spruce and their chlamydospores. *Mycologia* 85: 74-83.
- Agerer, R., D. Klostermeyer, W. Steglich, F. Franz & G. Acker (1996). Ectomycorrhizae of *Albatrellus ovinus* (Scutigerales) on Norway spruce with some remarks on the systematic position of the family. *Mycotaxon* 59: 289-307.
- Agerer, R. (1999). Never change a functionally successful principle: The evolution of Boletales s.l. (Hymenomycetes, Basidiomycota) as seen from below-ground features. *Sendtnera* 6: 5-91.
- Agerer, R. (2002). Rhizomorph structures confirm the relationship between Lycoperdales and Agaricaceae (Hymenomycetes, Basidiomycota). *Nova Hedwigia* 75: 367-385.
- Agnello, C., M. Carbone & C. Braaten (2013). *Wolfina aurantiopsis*, a rare species in the family Chorioactidaceae (Pezizales). *Ascomycete.org* 5: 39-45.
- Aime, M. C. (2001). Biosystematic studies in *Crepidotus* and the Crepidotaceae. Doctoral dissertation, Virginia Polytechnic and State University.
- Aime, M. C. & J. Ball (2002). The mating system in two species of *Crepidotus*. *Mycotaxon* 81: 191-194.
- Aime, M. C., R. Vilgalys & O. K. Miller (2005). The Crepidotaceae (Basidiomycota, Agaricales): Phylogeny and taxonomy of the genera and revision of the family based on molecular evidence. *American Journal of Botany* 92: 74-82.
- Akers, B. P. & W. J. Sundberg (1998). Lepiotaceae of Florida, I. *Lepiota* s. str., section *Ovisporae*. *Mycotaxon* 69: 429-436.
- Akers, B. P. & W. J. Sundberg (1999). Lepiotaceae of Florida, II. *Lepiota* s. str., section *Fuscovinacae*. *Mycotaxon* 70: 453-460.

Akers, B. P. & W. J. Sundberg (2000). Lepiotaceae of Florida, III. *Lepiota s. str.*, section *Lepiota*. *Mycotaxon* 75: 137-145.

Akers, B. P., S. A. Angels & J. W. Kimbrough (2000). *Leucoagaricus viridiflavoides*, a new species from Florida, with notes on related taxa. *Mycotaxon* 76: 39-50.

Akers, B. P. & W. J. Sundberg (2001). Lepiotaceae of Florida, IV. Stenosporic species of *Lepiota s. str.*. *Mycotaxon* 80: 469-479.

Alberto, E., A. Fazio & J. E. Wright (1998). Reevaluation of *Hohenbuehelia nigra* and species with close affinities. *Mycologia* 90: 142-150.

Alcántara, D. M. (2014). *Spathularia flavida*. Retrieved 15 April 2019 from: <http://www.micobotanicajaen.com/Revista/Articulos/DMerinoA/Pirineos20142/SpathulariaFlavida.pdf>

Alexander, S. J., D. Pilz, N. S. Weber, E. Brown & V. A. Rockwell (2002). Mushrooms, trees, and money: value estimates of commercial mushrooms and timber in the Pacific Northwest. *Environmental Management* 30: 129-141.

Alfredo, D. S., I. G. Baseia, T. Accioly, B. D. B. Silva, M. P. Moura, P. Marinho & M. P. Martín (2017). Revision of species previously reported from Brazil under *Morganella*. *Mycological Progress* 16: 965-985.

Al-Mughrabi, K. & T. Hsiang (1998). The mating system of *Daedalopsis confragosa*. *Mycologia* 90: 82-84.

Alvarado, P., G. Moreno, A. Vizzini, G. Consiglio, J. L. Manjón & L. Setti (2015). *Atractosporocybe*, *Leucocybe* and *Rhizocybe*: three new clitocyboid genera in the Tricholomatoid clade (Agaricales) with notes on *Clitocybe* and *Lepista*. *Mycologia* 107: 123-136.

Alves, C. R. & V. G. Cortez (2016). Gasteroid *Phallomycetidae* (Basidiomycota) from the Parque Estadual São Camilo, Paraná, Brazil. *Iheringia Serie Botanica* 71: 27-42.

Amir, R., D. Levanon, Y. Hadar & I. Chet (1992). Formation of sclerotia by *Morchella esculenta*: relationship between media composition and turgor potential in the mycelium. *Mycological Research* 96: 943-948.

Amir, R., D. Levanon, Y. Hadar & I. Chet (1993). Morphology and physiology of *Morchella esculenta* during sclerotial formation. *Mycological Research* 97: 683-689.

Amir, R., D. Levanon, Y. Hadar & I. Chet (1994). The role of source-sink relationships in translocation during sclerotial formation by *Morchella esculenta*. *Mycological Research* 98: 1409-1414.

Amir, R., D. Levanon, Y. Hadar & I. Chet (1995). Factors affecting translocation and sclerotial formation in *Morchella esculenta*. *Experimental Mycology* 19: 61-70.

Amir, R., E. Steudle, D. Levanon, Y. Hadar & I. Chet (1995). Turgor changes in *Morchella esculenta* during translocation and sclerotial formation. *Experimental Mycology* 19: 129-136.

Ammirati, J. F. & A. H. Smith (1969). Studies in the genus *Cortinarius*, I: Section *Dermocybe*, *Cortinarius aureifolius* complex. *The Michigan Botanist* 8: 175-180.

- Ammirati, J. F. (1972). The section *Dermocybe* of *Cortinarius*. Ph. D. thesis, University of Michigan. 282 pp.
- Ammirati, J. F. & A. H. Smith (1972). Studies in the genus *Cortinarius*, II: Section *Dermocybe*, new and interesting species from Michigan. *The Michigan Botanist* 11: 13-25.
- Ammirati, J. F. (1975). *Cortinarius*, section *Dermocybe*—*Cortinarius clelandii*. *Mycotaxon* 3: 95-101.
- Ammirati, J. F. & A. H. Smith (1977). Studies in the genus *Cortinarius*, III: Section *Dermocybe*, new North American species. *Mycotaxon* 5: 381-397.
- Ammirati, J. F., Thiers, H. D. & Horgan, P. A.. (1977). Amatoxin-containing mushrooms: *Amanita ocreata* and *A. phalloides* in California. *Mycologia* 69: 1095-1108.
- Ammirati, J. F. & A. H. Smith (1978). Studies in the genus *Cortinarius*, IV: Section *Dermocybe*, new North American species. *Mycotaxon* 7: 256-264.
- Ammirati, J. F. & Ovrebo, C. L. (1979). Type studies: Some *Cortinarius* and *Tricholoma* species described by Charles Horton Peck. *Mycotaxon* 8: 353-371.
- Ammirati, J. F. & A. H. Smith (1984). *Cortinarius* II: A preliminary treatment of species in the subgenus *Dermocybe*, section *Sanguinei*, in North America, north of Mexico. *Mcllvainea* 6: 54-64.
- Ammirati, J. F. & H. E. Bigelow (1984). *Cortinarius iodes* versus *Cortinarius heliotropicus*. *Mycotaxon* 20: 461-471.
- Ammirati, J. F. (1988). *Dermocybe* (or *Cortinarius*, subgenus *Dermocybe*): Some species in the sections *Dermocybe*, *Holoxanthae*, and *Malicoriae*. *Mcllvainea* 8: 48-59.
- Ammirati, J. F. (1988). *Dermocybe* (Cortinariaceae, Agaricales): North American names - new combinations, synonyms, and notes. *Mycotaxon* 33: 437-446.
- Ammirati, J. F. (1989). *Dermocybe*, subgenus *Dermocybe*, section *Sanguineae* in northern California. *Mycotaxon* 34: 21-36.
- Ammirati, J. F., A. D. Parker & P. B. Matheny (2007). *Cleistocybe*, a new genus of Agaricales. *Mycoscience* 48: 282-289.
- Ammirati, J. F., K. W. Hughes, K. Liimatainen, T. Niskanen & P. B. Matheny (2012). *Cortinarius hesleri* from eastern North America and related species from Europe and western North America. *Botany* 91: 91-98.
- Ammirati, J. F., T. Niskanen, K. Liimatainen, D. Bojantchev, U. Peintner, R. Kuhnert-Finkernagel & C. Cripps (2017). Spring and early summer species of *Cortinarius*, subgenus *Telamonina*, section *Colymbadini* and /*Flavobasilis*, in the mountains of western North America. *Mycologia* 109: 443-458.
- Andary, C., Privat, G. & Bourrier, M. (1985). Variations of monomethylhydrazine content in *Gyromitra esculenta*. *Mycologia* 77: 259-264.
- Anderson, J. B. & R. C. Ulrich (1979). Biological species of *Armillaria mellea* in North America. *Mycologia* 71: 402-412.
- Anderson, J. B. (1986). Biological species of *Armillaria* in North America: Redesignation of groups IV

and VIII and enumeration of voucher strains for other groups. *Mycologia* 78: 837-839.

Andrew, C., U. Buntgen, S. Egli, B. Senn-Irlet, J. -A. Grytnes, J. Heilmann-Clausen, L. Boddy, C. Bässler, A. C. Gange, E. Heegaard, K. Høiland, P. M. Kirk, I. Krisai-Greilhuber, T. W. Kuyper & H. Kauserud (2019). Open-source data reveal how collections-based fungal diversity is sensitive to global change. *Applications in Plant Sciences* 7: e1227.

Angelini, C., M. Contu & A. Vizzini (2014). *Tricholosporum caraibicum* (Basidiomycota, Tricholomataceae), a new species from the Dominican Republic. *Mycosphere* 5: 430-439.

Antonin, V., R. E. Halling & M. E. Noordeloos (1997). Generic concepts within the groups of *Marasmius* and *Collybia sensu lato*. *Mycotaxon* 63: 359-368.

Antonin, V. & J. Herink (1999). Notes on the variability of *Gymnopus luxurians* (Tricholomataceae). *Czech Mycology* 52: 41-49.

Antonin, V. & M. E. Noordeloos (2010). *A monograph of marasmioid and collybioid fungi in Europe*. Berchtesgaden, Germany: IHW Verlag. 480 pp.

Antonin, V. (2012). Some taxonomic and ecological notes on *Volvariella caesiointacta* (Basidiomycota, Pluteaceae) and its distribution in the Czech Republic. *Acta Musei Moraviae, Scientiae Biologicae* 97: 87-99.

Apfelbaum, S. I. & A. Haney (1984). Ascocarp formation by *Morchella angusticeps* after wildfire. *The Michigan botanist* 23: 99-102.

Arauzo, S. (2012). Una nueva especie del género *Porpoloma* descubierta en el País Vasco. *Errotari* 9: 84-91.

Arauzo, S. & P. Iglesias (2014). La familia Geoglossaceae ss.str. en la Península Ibérica y la Macaronesia. *Errotari Asociación Micológica de Durango* 11: 166-259.

Arenal, F., M. Villarreal & F. Esteve-Raventos (2003). *Psathyrella albofloccosa*, a new species of section *Cystopsathra*. *Mycotaxon* 87: 173-177.

Armstrong, D. A. (2008). *Rocky Mountain mammals: A handbook of mammals of Rocky Mountain National Park and vicinity, third edition*. Boulder, Co: University Press of Colorado. 264 pp.

Armstrong, T. M. & Methven, A. S. (2001). Improved method of in vitro production of *Cyathus stercoreus* gastrocarps. *Micologia Aplicada International* 13: 69-71.

Arnett, Jr., R. H., N. M. Downie & H. E. Jaques (1980). *How to know the beetles*. Second edition. Dubuque, IA: Wm. C Brown. 416 pp.

Arnett, Jr., R. H. (2000). *American Insects: A handbook of the insects of America North of Mexico*. Second edition. Boca Raton, FL: CRC Press.

Arnolds, E. (1986). Notes on Hygrophoraceae IX. *Camarophylloopsis* Herink, an older name for *Hygrotrama* Sing. *Mycotaxon* 25: 639-644.

Arnolds, E. (1992). Notulae ad floram agaricinam Neerlandicam--XIX. A revision of *Dermoloma* (J. Lange) Sing.--1. *Persoonia* 14: 519-532.

- Arnolds, E. (1993). Notulae ad floram agaricinam Neerlandicam--XX. A revision of *Dermoloma* (J. Lange) Sing.--2. *Persoonia* 15: 187-196.
- Arnolds, E. (1995). Hygrophoraceae (Agaricales) in New York state and adjacent areas. 1. Introduction and *Hygrocybe* subsect. *squamulosae*. *Mycotaxon* 53: 1-27.
- Arnolds, E. (1996). Een voorlopige sleutel tot het geslacht *Panaeolus* (Vlekplaat) in Nederland. *Coolia* 39: 142-147.
- Arnolds, E. (2002). *Dermoloma magicum spec. nov.*, a grassland fungus mimicking *Porporloma metapodium*. *Persoonia* 17: 665-668.
- Arnolds, E. (2003). De stekelzwammen en pruikezwammen van Nederland en België (The hydroid fungi of the Netherlands and Belgium). *Coolia* 46 (3 suppl.): 1-96.
- Arnolds, E. (2003). Notulae ad floram agaricinam Neerlandicam--XL: New combinations in *Conocybe* and *Pholiotina*. *Persoonia* 18: 225-230.
- Arnolds, E. & A. Hausknecht (2003). Notulae ad floram agaricinam Neerlandicam--XLI: *Conocybe* and *Pholiotina*. *Persoonia* 18: 239-252.
- Arnolds, E. (2006). A confusing duo: *Calocybe cerina* and *Callistosporium pinicola* (Agaricales). *Acta Mycologica* 41: 29-40.
- Arora, D. (1986). *Mushrooms demystified: A comprehensive guide to the fleshy fungi*. Berkeley: Ten Speed Press. 959 pp.
- Arora, D. (2008). California porcini: Three new taxa, observations on their harvest, and the tragedy of no commons. *Economic Botany* 62: 356-375.
- Arora, D. & S. M. Dunham (2008). A new, commercially valuable chanterelle species, *Cantharellus californicus* sp. nov., associated with live oak in California, USA. *Economic Botany* 62: 376-391.
- Arora, D. & J. L. Frank (2014). *Boletus rubriceps*, a new species of porcini from the southwestern USA. *North American Fungi* 9: 1-11.
- Arora, D. & J. L. Frank (2014). Clarifying the butter Boletes: a new genus, *Butyriboletus*, is established to accommodate *Boletus* sect. *Appendiculati*, and six new species are described. *Mycologia* 106: 464-480.
- Arora, D. & N. H. Nguyen (2014). A new species of *Russula*, subgenus *Compactae* from California. *North American Fungi* 9: 1-7.
- Arrillaga, P., I. Olariaga & P. M. Pasaban (2003). *Porpoloma metapodium* (Fr.: Fr.) Sing., primera cita en la Península Ibérica. *Munibe* 54: 129-132.
- Atkinson, G. F. (1901). *Studies of American fungi: mushrooms edible poisonous etc.* Ithaca: Andrus & Church. 322 pp.
- Atkinson, G. F. (1903). A new species of *Calostoma*. *The Journal of Mycology* 9: 14-17.
- Atkinson, G. F. (1906). Two new species belonging to *Naucoria* and *Stropharia*. *The Journal of Mycology* 12: 193-194.

- Atkinson, G. F. (1908). Notes on some new fungi from the United States. *Annales Mycologici* 6: 54-62.
- Atkinson, G. F. (1918). Some new species of *Inocybe*. *American Journal of Botany* 5: 210-218.
- Audet, S. (2010). Essai de découpage systématique du genre *Scutigera* (Basidiomycota): *Albatrellopsis*, *Albatrellus*, *Polyporoletus*, *Scutigera* et description de six nouveaux genres. *Mycotaxon* 111: 431-464.
- Avis, P. G., D. J. McLaughlin, B. C. Dentinger & P. B. Reich (2003). Long-term increase in nitrogen supply alters above- and below-ground ectomycorrhizal communities and increases the dominance of *Russula* spp. in a temperate oak savanna. *New Phytologist* 160: 239-253.
- Avis, P. G. (2012). Ectomycorrhizal iconoclasts: the ITS rDNA diversity and nitrophilic tendencies of fetid *Russula*. *Mycologia* 104: 998-1007.
- Ayala-Vásquez, O., R. Valenzuela, E. Aguirre-Acosta, T. Raymundo & J. García-Jiménez (2018). Species of Boletaceae (Boletales, Basidiomycota) with ornamented spores from temperate forests at the state of Oaxaca, Mexico. *Studies in Fungi* 3: 271-292.
- Baier, J. (1995). *Mushrooms & Toadstools: An illustrated guide*. Transl. Kindlova, E. Prague: Aventium Publishing House. 184 pp.
- Baird, R. E. (1986). *Study of the stipitate hydnums from the southern Appalachian Mountains--Genera: Bankera, Hydnellum, Phellodon, Sarcodon*. Berlin: J. Cramer, 156 pp.
- Baird, R. E. & S. R. Khan (1986). The stipitate hydnums (Thelephoraceae) of Florida. *Brittonia* 38: 171-184.
- Baird, R. E. & S. R. Khan (1987). Spore ornamentation of North American *Phellodon* species. *Mycologia* 79: 334-337.
- Baldrian, P. & Gabriel, J. (2002). Intraspecific variability in growth response to cadmium of the wood-rotting fungus *Piptoporus betulinus*. *Mycologia* 94: 428-436.
- Ballero, M. & M. Contu (1989). *Dermoloma pragensis* (Kubicka ex Bon) Ballero et Contu, *Dermoloma emilii-dlouhyi* Svrček e *Dermoloma intermedium* Bon (Basidiomycetes, Agaricales): Tre specie poco note. *Atti della Società Toscana di Scienze Naturali, Memorie, Serie B* 96: 83-86.
- Ballinger, R. E. & J. D. Lunch (1983). *How to know the amphibians and reptiles*. Dubuque, IA: Wm. C. Brown. 229 pp.
- Bandala, V. M. & Montoya, L. (1994). Further investigations on *Phaeocollybia* with notes on infrageneric classification. *Mycotaxon* 52: 397-422.
- Bandala, V. M., L. Montoya & E. Horak (1998). New data on the genus *Phaeocollybia* based on type studies. *Mycologia* 90: 118-124.
- Bandala, V. M. & L. Montoya (2000a). A revision of some *Crepidotus* species related to Mexican taxa. *Mycological Research* 104: 495-506.
- Bandala, V. M. & Montoya, L. (2000b). A taxonomic revision of some American *Crepidotus*. *Mycologia*

92: 341-353.

Bandala, V. M. & L. Montoya (2008a). Type studies in the genus *Crepidotus*. *Mycotaxon* 103: 235-254.

Bandala, V. M., L. Montoya & M. Mata (2008b). *Crepidotus crocophyllus* found in Costa Rica and Mexico and revision of related species in subsection *Fulvifibrillosi*. *Mycologia* 100: 335-346.

Bandala, V. M., R. Ryoo, L. Montoya & K. Kang-Hyeon (2012). New species and new records of *Crinipellis* from tropical and subtropical forests of the east coast of Mexico. *Mycologia* 104: 733-745.

Bandoni, R. J. & G. C. Hughes (1984). A new *Dacrymyces* from British Columbia. *Mycologia* 76: 63-66.

Bandoni, R. J. (1988). Taxonomic overview of the Tremellales. *Studies in Mycology* 30: 87-100.

Bandoni, R. & J. Ginns (1998). Notes on *Tremella mesenterica* and allied species. *Canadian Journal of Botany* 76: 1544-1557.

Banerjee, P. & W. J. Sundberg (1993). Three new species and a new variety of *Pluteus* from the United States. *Mycotaxon* 47: 389-394.

Banerjee, P. & W. J. Sundberg (1995). The genus *Pluteus* section *Pluteus* (Pluteaceae, Agaricales) in the Midwestern United States. *Mycotaxon* 53: 189-246.

Banik, M. T., J. A. Paul & H. H. Burdsall (1995). Identification of *Armillaria* species from Wisconsin and adjacent areas. *Mycologia* 87: 707-712.

Banik, M. T., T. J. Volk & H. H. Burdsall (1996). *Armillaria* species of the Olympic Peninsula of Washington state, including confirmation of North American biological species XI. *Mycologia* 88: 492-496.

Banik, M. T. & H. H. Burdsall (1999). Incompatibility between *Laetiporus cincinnatus* and *L. sulphureus* in culture. *Mycotaxon* 70: 461-469.

Banik, M. T. & H. H. Burdsall (2000). Incompatibility groups among North American populations of *Laetiporus sulphureus* sensu lato. *Mycologia* 92: 649-655.

Banik, M. T., D. L. Lindner, Y. Ota & T. Hattori (2010). Relationships among North American and Japanese *Laetiporus* isolates inferred from molecular phylogenies and single-spore incompatibility reactions. *Mycologia* 102: 911-917.

Baral, H. O. & G. Marson (2000). Monographic revision of *Gelatinopsis* and *Calloriopsis* (*Calloriopsidae*, *Leotiales*). In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 23-46.

Baral, H. O. (2000). Key to *Ascocoryne*. Retrieved 12/26/13 from the *AscoFrance* website: www.ascofrance.com/uploads/forum_file/5598.doc

Baral, H. O. (2000). Dichotomous key to *Lachnellula* (worldwide). Retrieved 1/5/20 from the *AscoFrance* website: http://ascofrance.com/uploads/forum_file/Lachnellula-Baral-2008-0001.pdf

Baral, H. O. (2004). The European and North American species of *Sarcoscypha*. Retrieved from the

Web site of H. O. Baral: <http://www.gbif-mycology.de/HostedSites/Baral/Sarcoscypha.htm>

Barbosa-Silva, A., C. L. Ovrebo, B. Ortiz-Santana, M. C. A. Sá, M. A. Sulzbacher, M. Roy & F. Wartchow (2017). *Tylopilus aquarius*, comb. et stat. nov., and its new variety from Brazil. *Sydowia* 69: 115-122.

Barge, E. G. & C. L. Cripps (2016). New reports, phylogenetic analysis, and a key to *Lactarius* Pers. in the Greater Yellowstone Ecosystem informed by molecular data. *MycKeys* 15: 1-58.

Barge, E. G., C. L. Cripps & T. W. Osmundson (2016). Systematics of the ectomycorrhizal genus *Lactarius* in the Rocky Mountain alpine zone. *Mycologia* 108: 414-440.

Barkman, J. J. & M. E. Noordeloos (1986). *Entoloma juniperinum*: a new species from *Juniperus* heaths in northwestern Europe. *Persoonia* 13: 123-125.

Barnhart, H. (1994) A trial key to *Gymnopilus* in the Pacific Northwest. Retrieved 12 September 2020 from the Pacific Northwest Key Council website: <http://www.svims.ca/council/Gymnop.rtf>

Baroni, T. J. (1978). Chemical spot-test reactions—boletes. *Mycologia* 70: 1064-1076.

Baroni, T. J. (1981). A revision of *Rhodocybe* Maire (Agaricales). Vaduz, Germany: J. Cramer. 194 pp.

Baroni, T. J. & Ovrebo, C. L. (1983). *Tricholoma manzanitae*—a new species from California. *Mycotaxon* 18: 299-302.

Baroni, T. J. & D. L. Largent (1989). The genus *Rhodocybe*: New combinations and a revised key to Section *Rhodophana* in North America. *Mycotaxon* 34: 47-53.

Baroni, T. J. (1990). Entolomataceae in eastern North America I: New species of *Claudopus* and *Rhodocybe* from the southern Appalachian mountains. *Mycotaxon* 36: 313-323.

Baroni, T. J. & E. E. Both (1991). *Chalciporus piperatoides* in North America. *Mycologia* 83: 559-564.

Baroni, T. J. & Horak, E. (1994). Entolomataceae in North America III: New taxa, new combinations and notes on species of *Rhodocybe*. *Mycologia* 86: 138-145.

Baroni, T. J. & Lodge, D. J. (1998). *Alboleptonia* from the Greater Antilles. *Mycologia* 90: 680-696.

Baroni, T. J. & E. E. Both (1998). *Tylopilus violatinctus*, a new species of *Tylopilus* for North America, with comments on other violaceous colored *Tylopilus* taxa. *Bulletin of the Buffalo Society of Natural Sciences* 36: 261-264.

Baroni, T. J., E. E. Both & A. E. Bessette (1998). *Tylopilus rhodoconius*, comb. nov.—new records, critical observations, illustrations, and notes on biogeography. *Bulletin of the Buffalo Society of Natural Sciences* 36: 257-260.

Baroni, T. J. & R. E. Halling (2000). Some Entolomataceae (Agaricales) from Costa Rica. *Brittonia* 52: 121-135.

Baroni, T. J., V. Hofstetter, D. L. Largent & R. Vilgalys (2011). *Entocybe* is proposed as a new genus in the Entolomataceae (Agaricomycetes, Basidiomycota) based on morphological and molecular evidence. *North American Fungi* 6: 1-19.

Baroni, T. J., B. R. Kropp, V. S. Evenson & M. Wilhelm (2014). *Cercopemyces crocodilinus*, a new genus and species related to *Ripartitella*, is described from North America. *Mycologia* 106: 785-796.

Baroni, T. J. (2017). *Mushrooms of the northeastern United States and eastern Canada*. Portland, OR: Timber Press. 600 pp.

Baroni, T. J., M. W. Beug, S. A. Cantrell, T. A. Clements, T. Iturriaga, T. Læssøe, M. E. Holgado Rojas, F. M. Aguilar, M. O. Quispe, D. J. Lodge & K. O'Donnell (2018). Four new species of *Morchella* from the Americas. *Mycologia* 110: 1205-1221.

Barrasa, J. M., F. Esteve-Raventos & R. M. Dahncke (2006). *Clitocybula canariensis* (*Tricholomataceae*), a new brown-rot fungus from the Canary Islands (Spain). *Fungal Diversity* 22: 1-11.

Barron, G. (1999). *Mushrooms of northeast North America*. Canada: Lone Pine. 336 pp.

Bas, C. (1969). Morphology and subdivision of *Amanita* and a monograph on its section *Lepidella*. *Persoonia* 5: 285-579.

Bas, C., Th. W. Kuyper, M. E. Noordeloos & E. C. Vellinga (1988). *Flora Agaricina Neerlandica: Critical monographs on families of agarics and boleti occurring in the Netherlands. Volume 1*. Rotterdam: A. A. Balkema. 182 pp.

Bas, C., Th. W. Kuyper, M. E. Noordeloos & E. C. Vellinga (1990). *Flora Agaricina Neerlandica: Critical monographs on families of agarics and boleti occurring in the Netherlands. Volume 2*. Rotterdam: A. A. Balkema. 137 pp.

Bas, C., Th. W. Kuyper, M. E. Noordeloos & E. C. Vellinga (1995). *Flora Agaricina Neerlandica: Critical monographs on families of agarics and boleti occurring in the Netherlands. Volume 3*. Rotterdam: A. A. Balkema. 183 pp.

Bas, C., Th. W. Kuyper, M. E. Noordeloos & E. C. Vellinga (1999). *Flora Agaricina Neerlandica: Critical monographs on families of agarics and boleti occurring in the Netherlands. Volume 4*. Rotterdam: A. A. Balkema. 191 pp.

Bas, C. & M. E. Noordeloos (1996). Notulae ad floram agaricinam neerlandicam XXIX: Two new species of *Psilocybe*. *Persoonia* 16: 239-44.

Bas, C. (2003). A broader view on *Amanita*. Retrieved April 19, 2008 from the Gruppo Micologico 'G. Bresadola' Web site: http://www.mtsn.tn.it/bresadola/bgmb/bgmb_2000_2_bas.asp

Baseia, I. G. & A. I. Milanez (2002). *Geastrum setiferum* (Gasteromycetes): a new species with a setose endoperidium. *Mycotaxon* 84: 135-139.

Baseia, I. G., T. B. Gibertonia & L. C. Maia (2003). *Phallus pygmaeus*, a new minute species from a Brazilian tropical rain forest. *Mycotaxon* 85: 77-79.

Baseia, I. G., M. A. Cavalcanti & A. I. Milanez (2003). Additions to our knowledge of the genus *Geastrum* (Phallales, Geastraceae) in Brazil. *Mycotaxon* 85: 409-416.

Baseia, I. G. (2003). Contribution to the study of the genus *Calvatia* (Lycoperdaceae) in Brazil.

Mycotaxon 88: 107-112.

Baseia, I. G. (2005). Some notes on the genera *Bovista* and *Lycoperdon* (*Lycoperdaceae*) in Brazil. *Mycotaxon* 91: 81-86.

Baseia, I. G. (2005). *Bovista* (*Lycoperdaceae*): dois novos registros para o Brasil. *Acta Botanica Brasilica* 19: 899-903.

Baseia, I. G. & F. D. Calonge (2005). *Aseroe floriformis*, a new phalloid with a sunflower-shaped receptacle. *Mycotaxon* 92: 169-172.

Baseia, I. G. & Calonge, F. D. (2006). *Geastrum hirsutum*: a new earthstar fungus with a hairy exoperidium. *Mycotaxon* 95: 301-304.

Baseia, I. G., B. D. B. Silva, A. G. Leite & L. C. Maia (2007). O gênero *Calostoma* (Boletales, Agaricomycetidae) em áreas de cerrado e semi-árido no Brasil. *Acta Botanica Brasilica* 21: 277-280.

Basso, M. T. (1999). *Lactarius* Pers. (Fungi Europaei 7.) Lomazzo: Massimo Candusso. 845 pp.

Bateman, G. L. & S. Nabb (2000). *Volvariella speciosa* in arable fields. *Mycologist* 14: 16.

Bates, S. T. (2004). Arizona members of the Geastraceae and Lycoperdaceae (Basidiomycotina, Fungi). Masters thesis, Arizona State University.

Bates, S. T., R. W. Robertson & D. E. Desjardin (2009). Arizona gasteroid fungi I: *Lycoperdaceae* (*Agaricales*, *Basidiomycota*). *Fungal Diversity* 37: 153-207.

Batra, L. R. & S. W. T. Batra (1963). Indian Discomycetes. *The University of Kansas Science Bulletin* 44: 109-256.

Batra, L. R. (1976). *Helvella* and *Gyromitra* (Pezizales: Operculatae) in the southern Appalachians. In B. C. Parker & M. K. Roane, eds. *Distributional history of the biota of the southern Appalachians. Part IV. Algae & fungi: biogeography, systematics and ecology*. Charlottesville, Virginia: University Press of Virginia. 145-204.

Baumgartner, K. & D. M. Rizzo (2001). Distribution of *Armillaria* species in California. *Mycologia* 93: 821-830.

Bazzicalupo, A. L., B. Buyck, I. Saar, J. Vauras, D. Carmen & M. L. Berbee (2017). Troubles with mycorrhizal mushroom identification where morphological differentiation lags behind barcode sequence divergence. *Taxon* 66: 791-810.

Beardslee, H. C. (1914). Notes on a few Asheville fungi. *Mycologia* 6: 88-92.

Beardslee, H. C. (1918). The russulas of North Carolina. *Journal of the Elisha Mitchell Scientific Society* 33: 147-197.

Beardslee, H. C. (1919). A new species of *Amanita*. *Journal of the Elisha Mitchell Scientific Society* 34: 198-199.

Beardslee, H. C. & G. S. Burlingham (1940). Interesting species of *Lactariae* from Florida. *Mycologia* 32: 575-586.

Becerril-Navarrete, A.M., V.M. Gómez-Reyes, E. N. P. Villa & R. Medel-Ortiz (2018). Nuevos registros de *Xylaria* (Xylariaceae) para el estado de Michoacán, Mexico. *Scientia Fungorum* 48: 61-75.

Bedry, R., I. Baudrimont, G. Deffieux, E. E. Creppy, J. P. Pomies, J. M. Ragnaud, M. Dupon, D. Neau, C. Gabinski, S. De Witte, J. C. Chapalain, and P. Godeau. (2001). Wild mushroom intoxication as a cause of rhabdomyolysis. *New England Journal of Medicine* 345: 798-802.

Began, T. J. (1988). The genus *Amanita* in southern Illinois including cultural characters and a detailed study of volval anatomy in section *Lepidella*. MA Thesis, Southern Illinois University. Carbondale, IL. 127 pp.

Beker, H. J., U. Eberhardt & J. Vesterholt (2010). *Hebeloma hiemale* Bres. in artic/alpine habitats. *North American Fungi* 5: 51-65.

Benazza-Bouregba, M., Savoie, J. -M., Fortas, Z. & Billette. A new record of *Tricholoma caligatum* (Tricholomataceae) from North Africa with a discussion of related species. *Phytotaxa* 282: 119-128.

Benedict, R. G., L. R. Brady & D. E. Stuntz (1972). Taxonomic status of *Pholiota aurea*. *Mycologia* 64: 1167-1169.

Berbee, M. L., E. Y. Y. Wong & C. K. M. Tsui (2016). Phylogenetic evidence places the coralloid jelly fungus *Tremellodendropsis tuberosa* (Tremellodendropsidales) among early diverging Agaricomycetes. *Mycological Progress* 15: 939-946.

Bergemann, S. E. & Miller, S. L. (2002). Size, distribution, and persistence of genets in local populations of the late-stage ectomycorrhizal basidiomycete, *Russula brevipes*. *New Phytologist* 156: 313-320.

Bergemann, S. E. & M. Garbelotto (2006). High diversity of fungi recovered from the roots of mature tanoak (*Lithocarpus densiflorus*) in northern California. *Canadian Journal of Botany* 84: 1380-1394.

Bergemann, S. E., G. W. Douhan, M. Garbelotto & S. L. Miller (2006). No evidence of population structure across three isolated subpopulations of *Russula brevipes* in an oak/pine woodland. *New Phytologist* 170: 177-184.

Bergerow, D., H. Nilsson, M. Unterseher & W. Maier (2010). Current state and perspectives of fungal DNA barcoding and rapid identification procedures. *Applied Microbiology and Biotechnology* 87: 99-108.

Bergius, N. & Danell, E. (2000). The Swedish matsutake (*Tricholoma nouseosum* syn. *T. matsutake*): Distribution, abundance and ecology. *Scandinavian Journal of Forest Research* 15: 318-325.

Bermudes, D., R. H. Petersen & K. H. Neilson (1992). Low-level bioluminescence detected in *Mycena haematopus* basidiocarps. *Mycological Research* 84: 799-802.

Berres, M. E., L. J. Szabo & D. J. McLaughlin (1995). Phylogenetic relationships in auriculariaceous basidiomycetes based on 25S ribosomal DNA sequences. *Mycologia* 87: 821-840.

Berthet, P. & R. P. Korf (1969). Sur la position taxonomique du genre *Jafnea* Korf. *Le Naturaliste Canadien* 96: 247-249.

Berube, J. A. & M. Dessureault (1988). Morphological characterization of *Armillaria ostoyae* and

Armillaria sinapina sp. nov. *Canadian Journal of Botany* 66: 2027-2034.

Berube, J. A. & M. Dessureault (1989). Morphological studies of the *Armillaria mellea* complex: Two new species, *A. gemina* and *A. calvescens*. *Mycologia* 81: 216-225.

Bessette, A. & W. J. Sundberg (1987). *Mushrooms: A Quick Reference Guide to Mushrooms of North America*. New York: MacMillan. 175 pp.

Bessette, A. E., O. K. Miller, Jr., A. R. Bessette & H. H. Miller (1995). *Mushrooms of North America in color: A field guide companion to seldom-illustrated fungi*. Syracuse, NY: Syracuse UP. 172 pp.

Bessette, A. E., A. R. Bessette & D. W. Fischer (1997). *Mushrooms of northeastern North America*. Syracuse, NY: Syracuse UP. 584 pp.

Bessette, A. E., E. E. Both, A. R. Bessette, D. L. Dunaway & W. C. Roody (1998). New taxa of boletes from the southern United States. *Bulletin of the Buffalo Society of Natural Sciences* 36: 233-237.

Bessette, A. E., W. C. Roody & A. R. Bessette (2000). *North American boletes: A color guide to the fleshy pored mushrooms*. Syracuse, NY: Syracuse UP. 399 pp.

Bessette, A. E., W. C. Roody, A. R. Bessette & D. L. Dunaway (2007). *Mushrooms of the southeastern United States*. Syracuse, NY: Syracuse UP. 373 pp.

Bessette, A. E., D. B. Harris & A. E. Bessette (2009). *Milk Mushrooms of North America: A Field Identification Guide to the Genus Lactarius*. Syracuse, NY: Syracuse University Press. 297 pp.

Bessette, A. E., W. C. Roody, W. E. Sturgeon & A. R. Bessette (2012). *Waxcap mushrooms of eastern North America*. Syracuse: Syracuse University Press. 179 pp.

Bessette, A. E., A. R. Bessette, W. C. Roody & S. A. Trudell (2013). *Tricholomas of North America*. Austin, Texas: University of Texas Press. 207 pp.

Bessette, A. E., W. C. Roody & A. R. Bessette (2016). *Boletes of eastern North America*. Syracuse, NY: Syracuse University Press. 469 pp.

Betak, J., K. Partel & M. Kriz (2012). *Ionomidotis irregularis* (Ascomycota, *Helotiales*) in the Czech Republic with comments on its distribution and ecology in Europe. *Czech Mycology* 64: 79-92.

Beug, M. W., A. E. Bessette & A. R. Bessette (2014). *Ascomycete fungi of North America: a mushroom reference guide*. Austin: University of Texas Press. 488 pp.

Beugelsdijk, D.C.M., S. van der Linde, G.C. Zuccarello, H.C. den Bakker, S.G.A. Draisma & M.E. Noordeloos (2008). A phylogenetic study of *Boletus* section *Boletus* in Europe. *Persoonia* 20: 1-7.

Bidartondo, M. I., J. Baar & T. D. Bruns (2001). Low ectomycorrhizal inoculum potential and diversity from soils in and near ancient forests of bristlecone pine (*Pinus longaeva*). *Canadian Journal of Botany* 79: 293-299.

Bidartondo, M. I. (2008). Preserving accuracy in GenBank. *Science* 319: 1616.

Bigelow, H. E. (1959). Notes on fungi from northern Canada. IV. Tricholomataceae. *Canadian Journal of Botany* 37: 769-779.

- Bigelow, H. E. & A. H. Smith (1969). The status of *Lepista*--A new section of *Clitocybe*. *Brittonia* 21: 144-177.
- Bigelow, H. E. (1970). *Omphalina* in North America. *Mycologia* 62: 1-32.
- Bigelow, H. E. & Smith, A. H. (1970). A new *Clitocybe* from Michigan. *The Michigan Botanist* 9: 30-33.
- Bigelow, H. E. & A. H. Smith (1973). *Cantharocybe*, a new genus of Agaricales. *Mycologia* 65: 485-488.
- Bigelow, H. E. (1973). The genus *Clitocybula*. *Mycologia* 65: 1101-1116.
- Bigelow, H. E., O. K. Miller, Jr. & H. D. Thiers (1976). A new species of *Omphalotus*. *Mycotaxon* 3: 363-372.
- Bigelow, H. E. (1977). A new *Clitocybe* from Texas. *Mycologia* 69: 1047-1049.
- Bigelow, H. E. (1977). New taxa of *Clitocybe*. *Mycotaxon* 6: 181-185.
- Bigelow, H. E. (1978). The cantharelloid fungi of New England and adjacent areas. *Mycologia* 70: 707-756.
- Bigelow, H. E. (1979). A contribution to *Tricholoma*. *Beih. Sydowia Ann. Mycol.* 2.8: 54-62.
- Bigelow, H. E. & Kimbrough, J. W. (1980). *Tricholoma titans*, a new species from Florida. *Mycotaxon* 11: 425-429.
- Bigelow, H. E. (1981). Spore ornamentation in the Tricholomataceae I. *Mycologia* 73: 128-140.
- Bigelow, H. E. (1982). Species described in *Clitocybe* by C. H. Peck and W. A. Murrill. *Sydowia* 35: 37-74.
- Bigelow, H. E. (1982). *North American species of Clitocybe. Part I.* Germany: J. Cramer. 280 pp.
- Bigelow, H. E. (1983). Some clampless species of *Clitocybe*. *Cryptogamie, Mycologie* 4: 93-98.
- Bigelow, H. E. (1985). *North American species of Clitocybe. Part II.* Germany: J. Cramer. 191 pp.
- Bills, G. F. & O. K. Miller, Jr. (1984). Southern Appalachian russulas I. *Mycologia* 76: 975-1002.
- Bills, G. F. (1984). Southern Appalachian russulas II. *Mycotaxon* 21: 491-517.
- Bills, G. F. (1985). Southern Appalachian russulas. III. The identity of *Russula eccentrica* and *R. morgani* (Russulaceae). *Brittonia* 37: 360-365.
- Bills, G. F. (1986). Notes on *Lactarius* in the high-elevation forests of the southern Appalachians. *Mycologia* 78: 70-79.
- Bills, G. F. (1989). Southern Appalachian russulas IV. *Mycologia* 81: 57-65.
- Binder, M. (1999). *Zur molekularen Systematik der Boletales: Boletinae und Sclerodermatinae subordo nov.* Dissertation, University of Regensburg. 148 pp.

- Binder, M. & H. Besl (2000). 28S rDNA sequence data and chemotaxonomical analyses on the generic concept of *Leccinum* (Boletales). In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 75-86.
- Binder, M. & A. Bresinsky (2002). *Retiboletus*, a new genus for a species complex in the Boletaceae producing retipolides. *Feddes Repertorium* 113: 30-40.
- Binder, M. & A. Bresinsky (2002). Derivation of a polymorphic lineage of Gasteromycetes from boletoid ancestors. *Mycologia* 94: 85-98.
- Binder, M. & D. S. Hibbett (2002). Higher-level phylogenetic relationships of homobasidiomycetes (mushroom-forming fungi) inferred from four rDNA regions. *Molecular Phylogenetics and Evolution* 22: 76-90.
- Binder, M. & D. Hibbett (2004). Toward a global phylogeny of the boletes. Retrieved from the Clark University Web site: http://www.clarku.edu/faculty/dhibbett/boletales_stuff/Global_Boletales_2004_28S.gif
- Binder, M., D. S. Hibbett, K. -H. Larsson, E. Larsson, E. Langer & G. Langer (2005). The phylogenetic distribution of resupinate forms across the major clades of mushroom-forming fungi (Homobasidiomycetes). *Systematics and Biodiversity* 3: 1-45.
- Binder, M. & D. S. Hibbett (2006). Molecular systematics and biological diversification of Boletales. *Mycologia* 98: 971-981.
- Binder, M., K.-H. Larsson, P. B. Matheny & D. S. Hibbett (2010). Amylocorticiales ord. nov. and Jaapiiales ord. nov.: Early diverging clades of Agaricomycetidae dominated by corticoid forms. *Mycologia* 102: 865-880.
- Binder, M., A. Justo, R. Riley, A. Salamov, F. Lopez-Giraldez, E. Sjökvist, A. Copelan, B. Foster, H. Sun, E. Larsson, K.-H. Larsson, J. Townsend, I. V. Grigoriev & D. S. Hibbett (2017). Phylogenetic and phylogenomic overview of the Polyporales. *Mycologia* 105: 1350-1373.
- Binion, D. E., H. H. Burdsall, Jr., S. L. Stephenson, O. K. Miller, Jr., W. C. Roody & L. N. Vasilyeva (2008). *Macrofungi associated with oaks of eastern North America*. Morgantown, WV: West Virginia University Press. 467 pp.
- Bird, C. J. & Grund, D. W. (1979). Nova Scotian species of *Hygrophorus*. *Proceedings of the Nova Scotia Institute of Science* 29: 1-131.
- Birkebak, J. M., E. C. Vellinga, A. E. Franco-Molano, M. G. Wood & P. Brandon Matheny (2011). *Lepiota maculans*, an unusual mushroom rediscovered after 105 years. *Southeastern Naturalist* 10: 267-274.
- Bissett, J., W. Gams, W. Jaklitsch & G. J. Samuels (2015). Accepted *Trichoderma* names in the year 2015. *IMA Fungus* 6: 263-295.
- Blackwell, M. & R. L. Gilbertson (1985). A new species of *Inonotus* (Aphylllophorales, Hymenochaetaceae) on oak in Louisiana. *Mycotaxon* 23: 285-290.
- Blackwell, M., D. S. Hibbett, J. W. Taylor & J. W. Spatafora (2006). Research coordination networks: a

- phylogeny for kingdom Fungi (Deep Hypha). *Mycologia* 98: 829-837.
- Blanco-Dios, J. B., Z. Wang, M. Binder & D. S. Hibbett (2006). A new *Sparassis* species from Spain described using molecular and morphological data. *Mycological Research* 110: 1227-1231.
- Bland, Roger G. & H. E. Jaques (1978). *How to know the insects*. USA: WCB/McGraw-Hill. 407 pp.
- Blanton, R. L. (1976). *Pseudocolus fusiformis*, new to North Carolina. *Mycologia* 68: 1235-1239.
- Blanton, R. L. & Burk, W. R. (1980). Notes on *Pseudocolus fusiformis*. *Mycotaxon* 12: 225-234.
- Blenis, P. V., L. B. Nadeau, N. R. Knowles & G. Logue (1997). Evaluation of fungicides and surfactants for control of fairy rings caused by *Marasmius oreades* (Bolt ex. Fr.) Fr. *HortScience* 32: 1077-1084.
- Boddy, L. & A. D. M. Rayner (1984). Fungi inhabiting oak twigs before and at fall. *Transactions of the British Mycological Society* 82: 501-505.
- Bodman, M. C. (1942). The genus *Tremellodendron*. *American Midland Naturalist* 27: 203-216.
- Boekhout, T. (1986). Notulae ad floram agaricinam Neerlandicam--XII: Small, saprophytic *Volvariella* species in the Netherlands. *Persoonia* 13: 197-211.
- Boekhout, T. & M. Enderle (1996). Typification of *Volvariella gloiocephala* (DC.:Fr.) Boekhout & Enderle. *Persoonia* 16: 249-251.
- Boertmann, D. (2000). *The Genus Hygrocybe*. Denmark: Danish Mycological Society. 184 pp.
- Bogart, F. van de (1976). The genus *Coprinus* in western North America, Part I: Section *Coprinus*. *Mycotaxon* 4: 233-275.
- Bogart, F. van de (1979). The genus *Coprinus* in western North America, Part II: Section *Lanatuli*. *Mycotaxon* 8: 243-291.
- Bogart, F. van de (1979). The genus *Coprinus* in western North America, Part III: Section *Atramentarii*. *Mycotaxon* 10: 155-174.
- Bohus, G. (1979). *Agaricus* studies VII. *Sydowia* 7: 63-70.
- Bojantchev, D., S. R. Pennycook & R. M. Davis (2011). *Amanita vernicoccora* sp. nov.--the vernal fruiting "coccora" from California. *Mycotaxon* 117: 485-497.
- Bojantchev, D. & R. M. Davis (2013). *Amanita augusta*, a new species from California and the Pacific Northwest. *North American Fungi* 8: 1-11.
- Bon, M. (1981). Cle monographique des "lepiotes" d'Europe. *Documents Mycologiques* 11: 1-78.
- Bon, M. (1988). Cle monographique des russules d'Europe. *Documents Mycologiques* 18: 1-125
- Bone, E. (2011). *Mycophilia: Revelations from the weird world of mushrooms*. New York: Rodale. 348 pp.
- Bonello, P., T. D. Bruns & M. Gardes (1998). Genetic structure of a natural population of the

ectomycorrhizal fungus *Suillus pungens*. *New Phytologist* 138: 533-542.

Bonito, G. M., A. P. Gryganskyi, J. M. Trappe & R. Vilgalys (2010). A global meta-analysis of *Tuber* ITS rDNA sequences: species diversity, host associations and long-distance dispersal. *Molecular Ecology* 19: 4994-5008.

Booth, E. S. (1982). *How to know the mammals*. Fourth Edition. USA: Wm. C. Brown. 198 pp.

Both, E. E. (1993). *The boletes of North America: A compendium*. Buffalo NY: Buffalo Museum of Science. 436 pp.

Both, E. E. (1998). New taxa of boletes and two boletes with identity problems. *Bulletin of the Buffalo Society of Natural Sciences* 36: 215-232.

Both, E. E., S. Brown & B. Ortiz-Santana (2009). The second record of the European species, *Boletus dupainii*, in North America. *Bulletin of the Buffalo Society of Natural Sciences* 38: 1-4.

Both, E. E. & B. Ortiz-Santana (2010). Clinton, Peck and Frost--the dawn of North American boletology. *Bulletin of the Buffalo Society of Natural Sciences* 39: 11-28.

Both, E. E. & B. Ortiz-Santana (2012). An annotated index to species and intraspecific taxa of boletes (Mycota: Boletales: Boletaceae) in the Clinton Herbarium of the Buffalo Society of Natural Sciences. *Bulletin of the Buffalo Society of Natural Sciences* 41: 3-6.

Boudier, E. (1907). *Histoire et classification des Discomycetes d'Europe*. Paris: Librairie des Sciences Naturelles.

Bougher, N. L. & T. Lebel (2001). Sequestrate (truffle-like) fungi of Australia and New Zealand. *Australian Systematic Botany* 14: 439-484.

Bougher, N. L. (2009). *Fungi of the Perth Region and Beyond: A Self-Managed Field Book*. Retrieved April, 2011 from the Western Australian Naturalists' Club Web site: <http://www.fungiperth.org.au>

Boyle, H., B. Zimdars, C. Renker & F. Buscot (2006). A molecular phylogeny of *Hebeloma* species from Europe. *Mycological Research* 110: 369-380.

Brandrud, T. E., B. Dima, K. Liimatainen & T. Niskanen (2017). Telamonioid *Cortinarius* species of the *C. puellaris* group from calcareous *Tilia* forests. *Sydowia* 69: 37-45.

Brasfield, T. W. (1938). The Dacrymycetaceae of temperate North America. *The American Midland Naturalist* 20: 211-235.

Brazeo, N. J., J. P. Hulvey & R. L. Wick (2011). Evaluation of partial *tef1*, *rpb2*, and nLSU sequences for identification of isolates representing *Armillaria calvescens* and *Armillaria gallica* from northeastern North America. *Fungal Biology* 115: 741-749.

Brazeo, N. J. & R. L. Wick (2011). *Armillaria* species distribution and site relationships in *Pinus*- and *Tsuga*-dominated forests in Massachusetts. *Canadian Journal of Forestry Research* 41: 1477-1490.

Brazeo, N. J., B. Ortiz-Santana, M. T. Banik & D. L. Lindner (2012). *Armillaria altimontana*, a new species from the western interior of North America. *Mycologia* 104: 1200-1205.

- Breitenbach, J. & Kranzlin, F. (1984). *Fungi of Switzerland: A contribution to the knowledge of the fungal flora of Switzerland. Volume 1 Ascomycetes*. Transl. Walters, V. L. & Walters, J. F. Lucern: Verlag Mykologia. 310 pp.
- Breitenbach, J. & Kranzlin, F. (1986). *Fungi of Switzerland: A contribution to the knowledge of the fungal flora of Switzerland. Volume 2 Heterobasidiomycetes, Aphylophorales, Gasteromycetes*. Transl. Walters, V. L. & Walters, J. F. Lucern: Verlag Mykologia. 412 pp.
- Breitenbach, J. & Kranzlin, F. (1991). *Fungi of Switzerland: A contribution to the knowledge of the fungal flora of Switzerland. Volume 3 boletes and agarics 1st part*. Transl. Walters, V. L. & Walters, J. F. Lucern: Verlag Mykologia. 310 pp.
- Breitenbach, J. & Kranzlin, F. (1995). *Fungi of Switzerland: A contribution to the knowledge of the fungal flora of Switzerland. Volume 4 agarics 2nd part*. Transl. Walters, V. L. & Walters, J. F. Lucern: Verlag Mykologia. 368 pp.
- Breitenbach, J. & Kranzlin, F. (2000). *Fungi of Switzerland: A contribution to the knowledge of the fungal flora of Switzerland. Volume 5 agarics 3rd part*. Transl. Walters, V. L. & Walters, J. F. Lucern: Verlag Mykologia. 338 pp.
- Bresinsky, A., M. Jarosch, M. Fischer, I. Schonberger & B. Wittmann-Bresinsky (1999). Phylogenetic relationships within *Paxillus* s. l. (Basidiomycetes, Boletales): Separation of a southern hemisphere genus. *Plant Biology* 1: 327-333.
- Bresinsky, A. & H. Besl (2003). Beitrage zu einer Mykoflora Deutschlands--Schlüssel zur Gattungsbestimmung der Blatter-, Leisten- und Rohrenpilze mit Literaturhinweisen zur Artbestimmung. *Regensburger Mykologische Schriften* 11: 1-236.
- Bridge, P. D. & C. Prior (2007). Introduction or stimulation? The association of *Stropharia aurantiaca* with bark and wood-chip mulches. *European Journal of Soil Biology* 43: 101-108.
- Bridge, P. D., B. M. Spooner, R. E. Beever & D. -C. Park (2008). Taxonomy of the fungus commonly known as *Stropharia aurantiaca*, with new combinations in *Leratiomyces*. *Mycotaxon* 103: 109-121.
- Brightman, F. H. & Nicholson, B. E. (1966). *The Oxford book of flowerless plants*. Great Britain: Oxford University Press. 208 pp.
- Brock, T. D. (1951). Studies on the nutrition of *Morchella esculenta* Fries. *Mycologia* 43: 402-422.
- Brodie, H. J. (1951). The function of the cups of *Polyporus conchifer*. *Science* 114: 636.
- Brodie, H. J. (1952). Interfertility between two distinct forms of *Cyathus olla*. *Mycologia* 44:413-423.
- Brodie, H. J. (1967). New record of a large *Cyathus* from western Canada. *Mycologia* 59: 532-533.
- Brodie, H. J. (1975). *The bird's nest fungi*. Buffalo: University of Toronto Press.
- Brodo, I. M., S. D. Sharnoff & S. Sharnoff (2001), *Lichens of North America*. New Haven: Yale University Press. 795 pp.
- van Brummelen, J. (1969). Studies on Discomycetes--III. *Persoonia* 5: 225-231.
- Brundrett, M. C. & B. Kendrick (1987). The relationship between the ash bolete (*Boletinellus*

merulioides) and an aphid parasitic on ash tree roots. *Symbiosis* 3: 315-320.

Brundrett, M. C. (2009). Mycorrhizal associations and other means of nutrition of vascular plants: understanding the global diversity of host plants by resolving conflicting information and developing reliable means of diagnosis. *Plant and Soil* 320: 37-77.

Brundrett, M. C. & L. Tedersoo (2020). Resolving the mycorrhizal status of important northern hemisphere trees. *Plant Soil*. DOI: 10.1007/s11104-020-04627-9

Brunner, I. L. & O. K. Miller, Jr. (1988). *Calocybe fallax*: Its ecology and cultural behavior. *Mycotaxon* 33: 41-50.

Bruns, T. D. & Palmer, J. D. (1989). Evolution of mushroom mitochondrial DNA: *Suillus* and related genera. *Journal of Molecular Evolution* 28: 349-362.

Bruns, T. D., T. M. Szaro, M. Gardes, K. W. Cullings, J. J. Pan, D. L. Taylor, T. R. Horton, A. Kretzer, M. Barbolotto & Y. Li (1998). A sequence database for the identification of ectomycorrhizal basidiomycetes by phylogenetic analysis. *Molecular Ecology* 7: 257-272.

Bruns, T. D., M. I. Bidartondo & D. L. Taylor (2002). Host specificity in ectomycorrhizal communities: What do the exceptions tell us? *Integ. and Comp. Biol.* 42: 352-359.

Bruns, T. D., J. Tan, M. Bidartondo, T. Szaro & D. Redecker (2002). Survival of *Suillus pungens* and *Amanita francheti* ectomycorrhizal genets was rare or absent after a stand-replacing wildfire. *New Phytologist* 155: 517-523.

Bruns, T. D. & R. P. Shefferson (2004). Evolutionary studies of ectomycorrhizal fungi: recent advances and future directions. *Canadian Journal of Botany* 82: 1122-1132.

Brusis, O. A. (1972). A new species of *Fistulina* from Mexico. *Mycologia* 64: 1248-1251.

Buczacki, S., C. Shields & D. Ovenden (2012). *Collins Fungi Guide*. London: HarperCollins. 640 pp.

Bunyard, B. A., M. S. Nicholson & D. J. Royse (1994). A systematic assessment of *Morchella* using RFLP analysis of the 28S ribosomal RNA gene. *Mycologia* 86: 762-772.

Bunyard, B. A., M. S. Nicholson & D. J. Royse (1995). Phylogenetic resolution of *Morchella*, *Verpa*, and *Disciotis* [Pezizales: Morchellaceae] based on restriction enzyme analysis of the 28S ribosomal RNA gene. *Experimental Mycology* 19: 223-233.

Bunyard, B. A., S. Chaichuchote, M. S. Nicholson & D. E. Royse (1996). Ribosomal DNA analysis for resolution of genotypic classes of *Pleurotus*. *Mycological Research* 100: 143-150.

Bunyard, B. A., M. S. Nicholson & D. J. Royse (1996). Phylogeny of the genus *Agaricus* inferred from restriction analysis of the enzymatically amplified ribosomal DNA. *Fungal Genetics and Biology* 20: 243-253.

Burdsall, H. H. (1968). A revision of the genus *Hydnocystis* (Tuberales) and of the hypogeous species of *Geopora* (Pezizales). *Mycologia* 60: 496-525.

Burdsall, H. H. (1971). Notes on some lignicolous Basidiomycetes of the southeastern United States. *Journal of the Elisha Mitchell Scientific Society* 87: 239-245.

- Burdsall, H. H. & O. K. Miller, Jr. (1978). Notes on the genus *Panellus*. *Mycotaxon* 7: 511-514.
- Burdsall, H. H. (1985). A contribution to the taxonomy of the genus *Phanerochaete* (Corticaceae, Aphyllophorales). *Mycologia Memoir* No. 10. Braunschweig, Germany: J. Cramer. 165 pp.
- Burdsall, H. H., Jr. & O. K. Miller Jr. (1988). Type studies and nomenclatural considerations in the genus *Sparassis*. *Mycotaxon* 31: 199-206.
- Burdsall, H. H., Jr. & O. K. Miller Jr. (1988). Neotypification of *Sparassis crispa*. *Mycotaxon* 31: 591-593.
- Burdsall, H. H. Jr. & Banik, M. T. (2001). The genus *Laetiporus* in North America. *Harvard Papers in Botany* 6: 43-55.
- Burdsall, H. H. & T. J. Volk (2008). *Armillaria solidipes*, an older name for the fungus called *Armillaria ostoyae*. *North American Fungi* 3: 261-267.
- Burk, W. R. (1978). *Pseudocolus fusiformis*: Synonymy and distributional records. *Mycologia* 70: 900-905.
- Burk, W. R. (1979). *Clathrus ruber* in California and worldwide distributional records. *Mycotaxon* 8: 463-468.
- Burk, W. R. & Lupone, G. F. (1979). *Pisolithus tinctorius*, a pavement breaker in southern California. *Mycotaxon* 8: 469-470.
- Burk, W. R., S. L. Flegler & W. M. Hess (1982). Ultrastructural studies of Clathraceae and Phallaceae (Gasteromycetes) spores. *Mycologia* 74: 166-168.
- Burlingham, G. S. (1907). Some Lactarii from Windham County, Vermont. *Bulletin of the Torrey Botanical Club* 34: 85-95.
- Burlingham, G. S. (1908). A study of the *Lactariae* of the United States. *Memoirs of the Torrey Botanical Club* 14: 1-109.
- Burlingham, G. S. (1913). The Lactarieae of the Pacific Coast. *Mycologia* 5: 305-311.
- Burlingham, G. S. (1915). *Russula*. *North American Flora* 9: 201-236.
- Burlingham, G. S. (1918). New species of *Russula* from Massachusetts. *Mycologia* 10: 93-96.
- Burlingham, G. S. (1924). Notes on species of *Russula*. *Mycologia* 16: 16-23.
- Burlingham, G. S. (1936). New or noteworthy species of *Russula* and *Lactaria*. *Mycologia* 28: 253-267.
- Burlingham, G. S. (1942). Spore ornamentation of some American *Russulae* and a new species of *Lactaria*. *Mycologia* 34: 8-12.
- Burlingham, G. S. (1945). Noteworthy species of *Lepiota* and *Lactaria*. *Mycologia* 37: 53-64.
- Burnap, C. E. (1897). Contributions from the cryptogamic laboratory of Harvard University. XXXVIII. Notes on the genus *Calostoma*. *Botanical Gazette* 23: 180-192.

- Burnett, J. H. (1968). *Fundamentals of mycology*. London: Edward Arnold. 546 pp.
- Burt, E. A. (1920). The Thelephoraceae of North America. XII. *Stereum*. *Annals of the Missouri Botanical Garden* 7: 81-249.
- Burt, E. A. (1922). The North American species of *Clavaria* with illustrations of the type specimens. *Annals of the Missouri Botanical Garden* 9: 1-78.
- Burt, E. A. (1914). The Thelephoraceae of North America. II. *Craterellus*. *Annals of the Missouri Botanical Garden* 1: 327-350.
- Burt, E. A. (1925). The Thelephoraceae of North America. XIV. *Annals of the Missouri Botanical Garden* 12: 213-357.
- Buscot, F. & Roux, J. (1987). Association between living roots and ascocarps of *Morchella rotunda*. *Transactions of the British Mycological Society* 89: 249-252.
- Buscot, F. (1989). Field observation on growth and development of *Morchella rotunda* and *Mitrophora semilibera* in relation to forest soil temperature. *Canadian Journal of Botany* 67: 589-593.
- Buscot, F. & Kottke, I. (1990). The association of *Morchella rotunda* (Pers.) Boudier with roots of *Picea abies* (L.) Karst. *New Phytologist* 116: 425-430.
- Buscot, F. & Bernillon, J. (1991). Mycosporins and related compounds in field and cultured mycelial structures of *Morchella esculenta*. *Mycological Research* 95: 752-754.
- Buscot, F. (1992). Synthesis of two types of association between *Morchella esculenta* and *Picea abies* under controlled culture conditions. *Journal of Plant Physiology* 141: 12-17.
- Buscot, F. (1992). Mycorrhizal succession and morel biology. In Read, D.J., D. H. Lewis, A. Filter & I. J. Alexander, eds. *Mycorrhizas in Ecosystems*. CAB International. 220-224.
- Buscot, F. (1993). Mycelial differentiation of *Morchella esculenta* in pure culture. *Mycological Research* 97: 136-140.
- Buscot, F., D. Wipf, C. Di Battista, J. -C. Munch, B. Botton & F. Martin (1996). DNA polymorphism in morels: PCR/RFLP analysis of the ribosomal DNA spacers and microsatellite-primed PCR. *Mycological Research* 100: 63-71.
- Buyck, B. (1991). The study of microscopic features in *Russula* 1. spores and basidia. *Russulales News* 1: 8-26.
- Buyck, B. (1991). The study of microscopic features in *Russula* 2. sterile cells of the hymenium. *Russulales News* 1(2): 62-85.
- Buyck, B. (1995). Towards a global and integrated approach on the taxonomy of Russulales. *Russulales News* 3: 3-17.
- Buyck, B. (1999). Validation of *Russula dennisii*. *Mycotaxon* 73: 275-280.
- Buyck, B. & Horak, E. (1999). New taxa of pleurotoid Russulaceae. (1999). *Mycologia* 91: 532-537.

Buyck, B. & Meijer, A. (1999). *Russula obtusopunctata*, a new synonym for *Lactarius venezuelanus*. *Mycotaxon* 73: 267-273.

Buyck, B. & Ovrebo, C. L. (2002). New and interesting *Russula* species from Panama. *Mycologia* 94: 888-901.

Buyck, B. (2003). Notes on the central-American *Russula cremiililacina* var. *coccolibicola* (= *R. littoralis* Pegler). *Cryptogamie, Mycologie* 24: 117-124.

Buyck, B. & D. Mitchell (2003). *Russula lentiginosa* sp. nov. from West Virginia, USA: a probable link between tropical and temperate *Russula*-groups. *Cryptogamie, Mycologie* 24: 317-325.

Buyck, B. (2004). Short diagnoses and descriptions for some exotic *Russula* (Basidiomycotina). *Cryptogamie, Mycologie* 25: 127-128.

Buyck, B. (2005). First record of the rare, northern *Russula xantho* from near Wildacres, North Carolina. *Cryptogamie, Mycologie* 26: 283-291.

Buyck, B. (2006). Provisional key to subsection Virescentinae in the U. S. Retrieved September 27, 2006 from the *Russulales News* Web site: http://www.mtsn.tn.it/russulales-news/id_virescentinae.asp

Buyck, B., D. Mitchell & J. Parrent (2006). *Russula parvovirescens* sp. nov., a common but ignored species in the eastern United States. *Mycologia* 98: 612-615.

Buyck, B. (2007). A new initiative toward the study of *Russula* in the eastern United States. *Pagine di Micologia* 27: 81-86.

Buyck, B., V. Hofstetter, U. Eberhardt, A. Verbeken & F. Kauff (2008). Walking the thin line between *Russula* and *Lactarius*: the dilemma of *Russula* subsect. *Ochricompactae*. *Fungal Diversity* 28: 15-40.

Buyck, B., S. Adamcik & D. P. Lewis (2008). *Russula* section *Xerampelinae* in Texas. *Cryptogamie, Mycologie* 29: 121-128.

Buyck, B., V. Hofstetter, A. Verbeken & R. Walley (2010). Proposal 1919: To conserve *Lactarius* nom. cons. (*Basidiomycota*) with a conserved type. *Mycotaxon* 111: 504-508.

Buyck, B., D. P. Lewis, G. Eyssartier & V. Hofstetter (2010). *Cantharellus quercophilus* sp. nov. and its comparison to other small, yellow or brown American chanterelles. *Cryptogamie, Mycologie* 31: 17-33.

Buyck, B. (2010). Description form for recording field characteristics of Russulaceae. Published by the author.

Buyck, B., C. Cruaud, A. Couloux & V. Hofstetter (2011). *Cantharellus texensis* sp. nov. from Texas, a southern lookalike of *C. cinnabarinus* revealed by *tef-1* sequence data. *Mycologia* 103: 1037-1046.

Buyck, B. & V. Hofstetter (2011). The contribution of *tef-1* sequences to species delimitation in the *Cantharellus cibarius* complex in the southeastern USA. *Fungal Diversity* 49: 35-46.

Buyck, B., E. Randrianjohany & G. Eyssartier (2012). Observations on some enigmatic *Cantharellus* (Cantharellales, Basidiomycota) with lilac-violaceous tints from Africa and Madagascar. *Cryptogamie, Mycologie* 33: 167-179.

- Buyck, B. & S. Adamčík (2013). Type studies in *Russula* subsection *Lactarioideae* from North America and a tentative key to North American species. *Cryptogamie, Mycologie* 34: 259-279.
- Buyck, B. & S. Adamčík (2013). The *Russula xerampelina* complex (Russulales, Agaricomycotina) in North America. *Scripta Botanica Belgica* 51: 117-131.
- Buyck, B., F. Kauff, G. Eyssartier, A. Couloux & V. Hofstetter (2014). A multilocus phylogeny for worldwide *Cantharellus* (Cantharellales, Agaricomycetidae). *Fungal Diversity* 64: 101-121.
- Buyck, B. (2014). Exploring the diversity of "smooth chanterelles" (*Cantharellus*, Cantharellales). *Cryptogamie, Mycologie* 35: 23-40.
- Buyck, B., S. Jančovičová & S. Adamčík (2015). The study of *Russula* in the western United States. *Cryptogamie, Mycologie* 36: 193-211.
- Buyck, B. (2016). Towards completing the world inventory for *Cantharellus*. *Cryptogamie, Mycologie* 37: 255-258.
- Buyck, B., I. Olariaga, B. Looney, J. Justice & V. Hofstetter (2016). Wisconsin chanterelles revisited and first indications for very wide distributions of *Cantharellus* species in the United States east of the Rocky Mountains. *Cryptogamie, Mycologie* 37: 345-366.
- Buyck, B., I. Olariaga, J. Justice, D. Lewis, W. Roody & V. Hofstetter (2016). The dilemma of species recognition in the field when sequence data are not in phase with phenotypic variability. *Cryptogamie, Mycologie* 37: 367-389.
- Buyck, B., P. -A. Moreau, R. Courtecuisse, A. Kong, M. Roy & V. Hofstetter (2016). *Cantharellus coccolabae* sp. nov. and *Cantharellus garnieri*, two tropical members of *Cantharellus* subg. *Cinnabarinus*. *Cryptogamie, Mycologie* 37: 391-403.
- Buyck, B., V. Hofstetter & I. Olariaga (2016). Setting the record straight on North American *Cantharellus*. *Cryptogamie, Mycologie* 37: 405-417.
- Buyck, B., et al. (2017). Fungal biodiversity profiles 21-30. *Cryptogamie, Mycologie* 38: 101-146.
- Buyck, B., X. -H. Wang, K. Adamčíková, M. Cabon, S. Jančovicová, V. Hofstetter & S. Adamčík (2020). One step closer to unravelling the origin of *Russula*: subgenus *Glutinosae* subg. nov. *Mycosphere* 11: 285-304.
- Cabarroi-Hernández, M., A. R. Villalobos-Arámbula, M. G. Torres-Torres, C. Decock & L. Guzmán-Dávalos (2019). The *Ganoderma weberianum-resinaceum* lineage: multilocus phylogenetic analysis and morphology confirm *G. mexicanum* and *G. parvulum* in the Neotropics. *MycKeys* 59: 95-131.
- Cabon, M., U. Eberhardt, B. Looney, F. Hampe, M. Kolarik, S. Jančovičová, A. Verbeken & S. Adamčík (2017). New insights in *Russula* subsect. *Rubrinae*: phylogeny and the quest for synapomorphic characters. *Mycological Progress* 16: 877-892.
- Cabral, T. S., P. Marinho, B. T. Goto & I. G. Baseia (2012). *Abrachium*, a new genus in the Clathraceae, and *Itajahya* reassessed. *Mycotaxon* 119: 419-429.
- Cabral, T. S., C. R. Clement & I. G. Baseia (2015). Amazonian phalloids: new records for Brazil and South America. *Mycotaxon* 130: 315-320.

- Cabral, T. S. (2016). Identificação molecular e integração de espécies amazônicas à filogenia molecular de fungos da ordem Phallales (Phallomycetidae, Basidiomycota). Doctoral thesis, Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil. 131 pp.
- Cabral, T. S., B. DB. Silva, M. P. Martín, C. R. Clement, K. Hosaka & I. G. Baseia (2019). Behind the veil--exploring the diversity in *Phallus indusiatus* s. l. (Phallomycetidae, Basidiomycota). *MycKeys* 58: 103-127.
- Cai, C., R. A. B. Leschen, D. S. Hibbett, F. Xia & D. Huang (2017). Mycophagous rove beetles highlight diverse mushrooms in the Cretaceous. *Nature Communications*. DOI: 10.1038/ncomms14894
- Cain, R. F. (1972). Evolution of the fungi. *Mycologia* 64: 1-14.
- Cairney, J. W. G. (1991). Rhizomorph structure in *Aseroe rubra* La Bill. (Phallales). *Cryptogamic Botany* 2/3: 242-245.
- Cairney, J. W. G. (2002). *Pisolithus*--death of the pan-global super fungus. *New Phytologist* 153: 199-211.
- Callac, P, I. Jacobe de Haut, M. Imbernon, J. Guinbertaue, C. Desmerger & I. Theochari (2003). A novel homothallic variety of *Agaricus bisporus* comprises rare tetrasporic isolates from Europe. *Mycologia* 95: 222-231.
- Callac, P. & Guinberteau, J. (2005). Morphological and molecular characterization of two novel species of *Agaricus* section *Xanthodermati*. *Mycologia* 97: 416-424.
- Callac, P. & J. Chen (2018). 2. Tropical species of *Agaricus*. In Sánchez, J. E., G. Mata & D. J. Royse, eds. Updates on Tropical Mushrooms. San Cristóbal de Las Casas, Chiapas, México: El Colegio de la Frontera Sur. 25-38.
- Callan, B. E. & J. D. Rogers. (1993). A synoptic key to *Xylaria* species from continental United States and Canada based on cultural and anamorphic features. *Mycotaxon* 46: 141-154.
- Calonge, F. D., M. Mata & J. Carranza (2003). *Calvatia sporocristata* sp. nov. (Gasteromycetes) from Costa Rica. *Revista de Biología Tropical* 51: 79-84.
- Calonge, F. D., G. Guzmán & F. Ramírez-Guillén (2004). Observaciones sobre los Gasteromycetes de México depositados en los herbarios XAL y XALU. *Boletín de la Sociedad Micológica de Madrid* 28: 337-372.
- Calonge, F. D., M. Mata & J. Carranza (2005). Contribución al catálogo de los Gasteromycetes (Basidiomycotina, Fungi) de Costa Rica. *Anales del Jardín Botánico de Madrid* 62: 23-45.
- Calonge, F. D. (2005). A tentative key to identify the species of *Phallus*. *Boletín de la Sociedad Micológica de Madrid* 29: 9-17.
- Calonge, F. D., G. Guzman, F. Ramirez-Guillen & E. Gandara (2007). Adiciones al catalogo de *Gasteromycetes* de Mexico, con referencia especial a los generos *Blumenavia* y *Tulostoma*. *Boletín de la Sociedad Micológica de Madrid* 31: 151-155.

- Calonge, F. D. (2011). *Hongos medicinales*. Madrid: Ediciones Mundi-Prensa. 130 pp.
- Calvo-Bado, L., R. Noble, M. Challen, A. Dobrovin-Pennington & T. Elliott (2000). Sexual and genetic identity in the *Agaricus* section *Arvenses*. *Applied and Environmental Microbiology* 66: 728-734.
- Candolle, A. P. de & J. B. A. P. M. de Lamarck (1815). XXIX Morille *Morchella semilibera*. *Flore Francaise*. Ed. 3, vol. 2. Paris: 212-213.
- Candusso, M., A. Gennari & N. Ayala (1994). Agaricales of Baja California - Mexico. *Mycotaxon* 50: 175-189.
- Candusso, M. (1997). *Hygrophorus. Fungi Europaei* Vol. 6. Alassio, Italy: 784 pp.
- Canfield, E. R. & R. L. Gilbertson (1971). Notes on the genus *Albatrellus* in Arizona. *Mycologia* 63: 964-971.
- Cantrell, S. A. & Lodge, D. J. (2004). Hygrophoraceae (Agaricales) of the Greater Antilles: *Hygrocybe* subgenus *Pseudohygrocybe* sections *Coccineae* and *Neohygrocybe*. *Mycological Research* 108: 1301-1314.
- Cao, Y., S.-H. Wu & Y.-C. Dai (2012). Species clarification of the prize medicinal *Ganoderma* mushroom "Lingzhi." *Fungal Diversity* 56: 49-62.
- Capelari, M. & T. Asai (2009). *Cystoderma*, *Cystodermella* and *Ripartitella* in Atlantic forest, São Paulo State, Brazil. *Hoehnea* 36: 339-348.
- Carbo, J. & M. À. Pérez-de-Gregorio (1999). Cuatro especies de hongos interesantes citadas por primera vez en la Península Ibérica. *Revista Catalana de Micologia* 22: 77-90.
- Carbone, M., C. Agnello & P. Alvarado (2013). Phylogenetic studies in the family *Sarcosomataceae* (Ascomycota, *Pezizales*). *Ascomycete.org* 5: 1-12.
- Carbone, M., C. Agnello & A. Parker (2013). *Urnula padeniana* (*Pezizales*) sp. nov. and the type study of *Bulgaria mexicana*. *Ascomycete.org* 5: 13-24.
- Carbone, M. & C. Agnello (2013). Notes on *Urnula hiemalis* Nanf. *Ascomycete.org* 5: 53-61.
- Carlson, A., A. Justo & D. S. Hibbett (2014). Species delimitation in *Trametes*: a comparison of ITS, RPB1, RPB2 and TEF1 gene phylogenies. *Mycologia* 106: 735-745.
- Carlsson, R. & C. -A. Hægström (2005). *Geastrum rufescens* in the Åland Islands, SW Finland. *Karstenia* 45: 63-68.
- Carpenter, S. E., Trappe, J. M. & Ammirati, J. (1987). Observations of fungal succession in the Mount St. Helens devastation zone, 1980-1983. *Canadian Journal of Botany* 65: 716-728.
- Carris, L. M., T. L. Peevr & S. W. McCotter (2015). Mitospore stages of *Disciotis*, *Gyromitra* and *Morchella* in the inland Pacific Northwest USA. *Mycologia* 107: 729-744.
- Cash, E. K. (1958). Some new Discomycetes from California. *Mycologia* 50: 642-656.
- Castellano, M. A., G. G. Guerrero, J. G. Jiménez & J. M. Trappe (2012). *Elaphomyces appalachiensis* and *E. verruculosus* sp. nov. (Ascomycota, Eurotiales, Elaphomycetaceae) from eastern North

America. *Revista Mexicana de Micología* 35: 17-22.

Castellano, M. A., T. F. Elliott & J. M. Trappe (2018). Three new black *Elaphomyces* species (*Elaphomycetaceae*, *Eurotiales*, *Ascomycota*) from eastern North America with notes on selected European species. *Fungal Systematics and Evolution* 1: 1-12.

Castro-Mendoza, E., O. K. Miller, Jr. & D. A. Stetler (1983). Basidiospore wall ultrastructure and tissue system morphology in the genus *Calostoma* in North America. *Mycologia* 75: 36-45.

Castro-Santiuste, S., S. Sierra, L. Guzmán-Dávalos, J. Cifuentes, T. Evans, C. R. Martínez-González, H. Alvarado-Sizzo & I. Luna-Vega (2020). *Dacryopinax* (Fungi: Dacrymycetales) in Mexico. *Phytotaxa* 446: 006-022.

Cavalcanti, L. H., A. C. C. Bezerra, A. A. A. Costa, I. N. Ferreira & M. F. A. Bezerra (2008). Occurrence and distribution of the Ceratiomyxales (Myxomycetes) in northeastern Brazil. *Brazilian Archives of Biology and Technology* 51: 971-980.

Cavaliere, A. R. (1964). Common fleshy fungi from central Arizona. *The Southwestern Naturalist* 8: 196-203.

Cázares, E., J. García, J. Castillo & J. M. Trappe (1992). Hypogeous fungi from northern Mexico. *Mycologia* 84: 341-359.

Cázares, E. & Trappe, J. M. (1994). Spore dispersal of ectomycorrhizal fungi on a glacier forefront by mammal mycophagy. *Mycologia* 86: 507-510.

César, E., V. M. Bandala, L. Montoya & A. Ramos (2018). A new *Gymnopus* species with rhizomorphs and its record as nesting material by birds (*Tyrannideae*) in the subtropical cloud forest from eastern Mexico. *MycologyKeys* 42: 21-34.

Chacko, R. J. & J. D. Rogers (1981). Cultural characteristics of some species of *Xylaria*. *Mycologia* 73: 415-428.

Chadde, S. W. (2017). *Prairie plants of Illinois*. Lexington, KY: Pathfinder Books. 289 pp.

Chai, H., Z. -Q. Liang, R. Xue, S. Jiang, S. -H. Luo, Y. Wang, L. -L. Wu, L. -P. Tang, Y. Chen, D. Hong & N. -K. Zeng (2019). New and noteworthy boletes from subtropical and tropical China. *MycologyKeys* 46: 55-96.

Challen, M. P., R. W. Kerrigan & P. Callac (2003). A phylogenetic reconstruction and emendation of *Agaricus* section *Duploannulatae*. *Mycologia* 95: 61-73.

Chamuris, G. P. (1985). On distinguishing *Stereum gausapatum* from the "*S. hirsutum*-complex." *Mycotaxon* 22: 1-12.

Chamuris, G. P. (1985). Infrageneric taxa in *Stereum*, and keys to North American species. *Mycotaxon* 22: 105-117.

Chamuris, G. P. & S. P. Falk (1987). The population structure of *Peniophora rufa* in an aspen plantation. *Mycologia* 79: 451-457.

Chamuris, G. P. (1988). *The non-stipitate stereoid fungi in the northeastern United States and*

adjacent Canada. Berlin: J. Cramer. 247 pp.

Rodríguez-Ramírez, E. C., C. R. Martínez-González, P. A. González-Ávila & I. Luna-Vega (2020). *Tylopilus hayatae*, a new endemic bolete species in relict Mexican beech forest. *Phytotaxa* 441: 035-046.

Chapela, I. H. & Garbelotto, M. (2004). Phylogeography and evolution in matsutake and close allies inferred by analyses of ITS sequences and AFLPs. *Mycologia* 96: 730-741.

Chen, C. -J. (1998) *Molecular and morphological studies in the genus Tremella*. Berlin: J. Cramer. 225 pp.

Chen, C. (1999). *Genetic and molecular systematic study on the genus Montagnea Fr., a desert adapted Gasteromycete*. Blacksburg, Virginia: Virginia Polytechnic Institute and State University thesis.

Chen, C. -C., B. Cao, T. Hattori, B. -K. Cui, C. -Y. Chen & S. -H. Wu (2020). Phylogenetic placement of *Paratrichaptum* and reconsideration of *Gloeophyllales*. *Fungal Systematics and Evolution* 5: 119-129.

Chen, C. -C., C. -Y. Chen, Y. W. Lim & S. -H. Wu (2020). Phylogeny and taxonomy of *Ceriporia* and other related taxa and description of three new species. *Mycologia* 112: 64-82.

Chen, J.-Y. & P.-G. Liu (2005). A new species of *Morchella* (Pezizales, Ascomycota) from southwestern China. *Mycotaxon* 93: 89-93.

Chen, J., B. Cui, S. He, J. A. Cooper, M. D. Barrett, J. Chen, J. Song & Y. Dai (2016). Molecular phylogeny and global diversity of the remarkable genus *Bondarzewia* (Basidiomycota, Russulales). *Mycologia* 108: 697-708.

Child, M. (1929). Preliminary studies in the genus *Daldinia*. *Annals of the Missouri Botanical Garden* 16: 411-480.

Chio, R. E. (1993). Nuevos registros del genero *Pholiota* (Fungi, Basidiomycotina, Agaricales) en Mexico. *Revista Mexicana de Micología* 8: 63-70.

Chiu, S. W. & Moore, D. (1990). Development of the basidiome of *Volvariella bombycina*. *Mycological Research* 94: 327-337.

Chiu, S. W. & Moore, D. (1993). Cell form, function and lineage in the hymenia of *Coprinus cinereus* and *Volvariella bombycina*. *Mycological Research* 97: 221-226. .

Christensen, M. & Noordeloos, M. E. (1999). Notulae ad floram agaricinam neerlandicam - XXXVI: *Tricholoma*. *Persoonia* 17: 295-317.

Christensen, M. & J. Heilmann-Clausen (2013). *The genus Tricholoma. Fungi of northern Europe-- Vol. 4*. Denmark: Narayana Press. 228 pp.

Cibula, W. G. (1979). Fungi of the Gulf Coast I. Two new species of *Hygrophorus* Section *Hygrocybe*. *Mycotaxon* 10: 105-115.

Cibula, W. G. & Weber, N. S. (1996). *Hygrocybe andersonii* a new psammophilus *Hygrocybe* from

- Horn Island, a Mississippi barrier island. *Mycologia* 88: 544-546.
- Cifuentes, J., L. Perez-Ramirez & M. Villegas (1989). Descripcion de macromicetos poco estudiados en Mexico, III. *Revista Mexicana de Micologia* 5: 101-115.
- Clemencon, H. (1982). Type studies and typifications in *Lyophyllum* (Agaricales). I. Staining species. *Mycotaxon* 15: 67-94.
- Clemencon, H. & A. H. Smith (1983). New species of *Lyophyllum* (Agaricales) from North America and a key to the known staining species. *Mycotaxon* 18: 379-437.
- Clowez, P., P. Alvarado, M. Becerra, T. Bilbao & P. -A. Moreau (2014). *Morchella fluvialis* sp. nov. (Ascomycota, Pezizales): a new but widespread morel in Spain. *Boletín de la Sociedad Micológica de Madrid* 38: 23-32.
- Cobb, B., E. Farnsworth & C. Lowe (2005). *A field guide to ferns and their related families: Northeastern and central North America*. Second edition. Boston: Houghton Mifflin. 415 pp.
- Cochran, K. W. & Cochran, M. W. (1978). *Clitocybe clavipes*: Antabuse-like reaction to alcohol. *Mycologia* 70: 1124-1126.
- Co-David, D., D. Langeveld & M. E. Noordeloos (2009). Molecular phylogeny and spore evolution of Entolomataceae. *Persoonia* 23: 147-176.
- Coetzee, J. C. (2010). Taxonomic notes on the Clathraceae (Phallales: Phallomycetidae) *sensu* Bottomley and a new key to the species in southern Africa. *Bothalia* 40: 155-159.
- Coetzee, J. C. & A. E. Van Wyk (2012). Nomenclatural and taxonomic notes on *Calvatia* (*Lycoperdaceae*) and associated genera. *Mycotaxon* 121: 29-36.
- Coetzee, M. P. A., B. D. Wingfield, T. C. Harrington, D. Dalevi, T. A. Coutinho & M. J. Wingfield (2000). Geographical diversity of *Armillaria mellea* s. s. based on phylogenetic analysis. *Mycologia* 92: 105-113.
- Coker, W. C. (1917). The amanitas of the eastern United States. *Journal of the Elisha Mitchell Scientific Society* 33: 1-88.
- Coker, W. C. (1918). The Lactarias of North Carolina. *Journal of the Elisha Mitchell Scientific Society* 34: 1-61.
- Coker, W. C. (1919). The hydnums of North Carolina. *Journal of the Elisha Mitchell Scientific Society* 34: 163-197.
- Coker, W. C. (1919). *Craterellus*, *Cantharellus* and related genera in North Carolina; with a key to the genera of gill fungi. *Journal of the Elisha Mitchell Scientific Society* 35: 24-48.
- Coker, W. C. (1920). Notes on the lower Basidiomycetes of North Carolina. *Journal of the Elisha Mitchell Scientific Society* 35: 113-182.
- Coker, W. C. & H. C. Beardslee (1921). The collybias of North Carolina. *Journal of the Elisha Mitchell Scientific Society* 37: 83-107.
- Coker, W. C. (1921). Notes on the Thelephoraceae of North Carolina. *Journal of the Elisha Mitchell*

Scientific Society 36: 146-196.

Coker, W. C. (1923). *The Clavarias of the United States and Canada*. Chapel Hill: University of North Carolina Press. 209 pp.

Coker, W. C. (1923). *The club and coral mushrooms (Clavarias) of the United States and Canada*. New York: Dover (1974 reprint).

Coker, W. C. (1928). The Chapel Hill species of the genus *Psalliota*. *Journal of the Elisha Mitchell Scientific Society* 43: 243-255.

Coker, W. C. & J. N. Couch (1928). *The Gasteromycetes of the eastern United States and Canada*. North Carolina: University of North Carolina Press (Dover reprint, 1974).

Coker, W. C. and Beers, A. H. (1943). *The boleti of North Carolina*. New York: Dover. 96 pp. (1971 reprint.)

Coker, W. C. (1947). North Carolina species of *Volvaria*. *Journal of the Elisha Mitchell Scientific Society* 63: 220-230.

Coker, W. C. & A. H. Beers (1951). *The stipitate hydnums of the eastern United States*. Chapel Hill: University of North Carolina Press, 211 pp.

Cole, E. T. (1910). *Guide to the mushrooms*. Worcester, MA: Chas. K. Reed. 206 pp.

Collin-Hansen, C., R. A. Andersen & E. Steinnes (2005). Molecular defense systems are expressed in the king bolete (*Boletus edulis*) growing near metal smelters. *Mycologia* 97: 973-983.

Comandini, O., Haug, I., Rinaldi, A. C. & Kuyper, T. W. (2004). Uniting *Tricholoma sulphureum* and *T. bufonium*. *Mycological Research* 108: 1162-1171.

Conde, L. F. & Wolf, F. A. (1972). A large sporophore of *Hericium erinaceus*. *Mycologia* 64: 1187-1189.

Conlon, B. H., Z. W. De Beer, H. H. De Fine Licht, D. K. Aanen & M. Poulsen (2016). Phylogenetic analyses of *Podaxis* specimens from Southern Africa reveal hidden diversity and new insights into associations with termites. *Fungal Biology* 120: 1065-1076.

Contu, M., A. Vizzini, M. Carbone & L. Setti (2009). Identity and neotypification of *Craterellus cinereus* and description of *Cantharellus atrofuscus* sp. nov. *Mycotaxon* 110: 139-149.

Cooke, W. B. (1956). The genus *Phlebia*. *Mycologia* 48: 386-405.

Corner, E. J. H. (1950). *A monograph of Clavaria and allied genera*. Oxford University Press. 740 pp.

Corner, E. J. H. (1953). Addenda Clavariaceae. III. *Annals of Botany* 17: 347-368.

Corner, E. J. H. (1966). *A monograph of cantharelloid fungi*. London: Oxford UP. 255 pp.

Corner, E. J. H. (1966). Species of *Ramaria* (Clavariaceae) without clamps. *Transactions of the British Mycological Society* 49: 101-113.

Corner, E. J. H. (1966). The clavarioid complex of *Aphelaria* and *Tremellodendropsis*. *Transactions of*

the British Mycological Society 49: 205-211.

Corner, E. J. H. (1966). The clavarioid complex of *Aphelaria* and *Tremellodendropsis*. *Transactions of the British Mycological Society* 49: 205-211.

Corner, E. J. H. (1968). *A monograph of Thelephora* (Basidiomycetes). Verlag: J. Cramer. 116 pp.

Corriol, G., I. Olariaga, E. Cangini & C. Hannoire (2008). *Floccularia decorosa*, un champignon au bord de l'extinction en France. *Bulletin de la Société Mycologique de France* 124: 169-186.

Cortés-Pérez, A., D. E. Desjardin, B. A. Perry, V. Ramírez-Cruz, F. Ramírez-Guillén & A. R. Villalobos-Arámbula (2019). Two new species of *Mycena* Section *Longisetae* from Mexico. *Current Research in Environmental & Applied Mycology* 9: 36-43.

Cortez, V. G. & G. Coelho (2005). A new combination in *Lacrymaria* (Agaricales). *Mycotaxon* 93: 129-134.

Cortez, V. G., F. D. Calonge & I. G. Baseia (2007). Rick's species revision 2: *Lycoperdon benjaminii* recombined in *Morganella*. *Mycotaxon* 102: 425-429.

Cortez, V. G. & R. M. B. da Silveira (2008). The agaric genus *Stropharia* (Strophariaceae, Agaricales) in Rio Grande do Sul State, Brazil. *Fungal Diversity* 32: 31-57.

Cortez, V. G. & G. Coelho (2008). Occurrence of the rare agaric *Stropharia melanosperma* (Strophariaceae) in Brazil. *Boletín de la Sociedad Micológica de Madrid* 32: 49-56.

Cortez, V. G., I. G. Baseia & R. M. B. da Silveira (2011). Two noteworthy *Phallus* from southern Brazil. *Mycoscience* 52: 436-438.

Cortez, V. G., I. G. Baseia & R. M. B. da Silveria (2011). Gasteroid mycobiota of Rio Grande do Sul State, Brazil: Lysuraceae (Basidiomycota). *Maringá* 33: 87-92.

Cortez, V. G., I. G. Baseia & R. M. B. Silveira (2013). Gasteroid mycobiota of Rio Grande do Sul, Brazil: *Lycoperdon* and *Vascellum*. *Mycosphere* 4: 745-758.

Cortez, V. G. & A. G. S. Silva-Filho (2017). *Phallus rubicundus* in Brazil. *Studies in Fungi* 2: 59-63.

Cox, D. E. (1976). A new homobasidiomycete with anomalous basidia. *Mycologia* 68: 481-510.

Cräutlein, M. von, H. Korpelainen, M. Pielttiläinen & J. Rikkinen (2011). DNA barcoding: a tool for improved taxon identification and detection of species diversity. *Biodiversity and Conservation* 20: 373-389.

Crawford, D. A. (1954). Studies on New Zealand Clavariaceae. I. *Transactions of the Royal Society of New Zealand* 82: 617-631.

Cripps, C. L. & O. K. Miller, Jr. (1994). A new *Cortinarius* from a mature aspen stand in Montana. *Mycotaxon* 50: 315-321.

Cripps, C. L. (1997). The genus *Inocybe* in Montana aspen stands. *Mycologia* 89: 670-688.

Cripps, C. & Miller, O. K. Jr. (1993). Ectomycorrhizal fungi associated with aspen on three sites in the north-central Rocky Mountains. *Canadian Journal of Botany* 71: 1414-1420.

Cripps, C. L., Ed. (2004). *Fungi in forest ecosystems: Systematics, diversity, and ecology*. Memoirs of the New York Botanical Garden 89. Bronx: The New York Botanical Garden Press. 364 pp.

Cripps, C. L. & E. Horak (2010). *Amanita* in the Rocky Mountain alpine zone, USA: New records for *A. nivalis* and *A. groenlandica*. *North American Fungi* 5: 9-21.

Cripps, C. L., E. Larsson & E. Horak (2010). Subgenus *Mallocybe* (*Inocybe*) in the Rocky Mountain alpine zone with molecular reference to European arctic-alpine material. *North American Fungi* 5: 97-126.

Cripps, C. L. & E. Barge (2013). Notes on the genus *Lactarius* from the Rocky Mountain alpine zone in regard to Finnish arctic-alpine species. *Karstenia* 53: 29-37.

Cripps, C. L., V. S. Evenson & M. Kuo (2016). *The essential guide to Rocky Mountain mushrooms by habitat*. Urbana: University of Illinois Press. 260 pp.

Cripps, C. L., E. Larsson & J. Vauras (2019). Nodulose-spored *Inocybe* from the Rocky Mountain alpine zone molecularly linked to European and type specimens. *Mycologia* 112: 133-153.

Cui, B. -K., J. Vlasák & Y. -C. Dai (2014). The phylogenetic position of *Osteina obducta* (Polyporales, Basidiomycota) based on samples from northern hemisphere. *Chiang Mai Journal of Science* 41: 838-845.

Cui, D. Z., M. Zhao, H. Y. Yang, C. I. Wang & H. B. Dai (2011). Molecular phylogeny of *Trametes* and related genera based on internal transcribed spacer (ITS) and nearly complete mitochondrial small subunit ribosomal DNA (mt SSU rDNA) sequences. *African Journal of Biotechnology* 10: 18111-18121.

Cunningham, G. H. (1931). The Gasteromycetes of Australasia. X. The Phallales, part I. *Proceedings of the Linnean Society of New South Wales* 56: 1-15.

Cunningham, G. H. (1931). The Gasteromycetes of Australasia. XI. The Phallales, part II. *Proceedings of the Linnean Society of New South Wales* 56: 182-200.

Cunningham, G. H. (1944/1979). *The Gasteromycetes of Australia and New Zealand*. Germany: J. Cramer. 236 pp.

Czederpiltz, D. L. L., Volk, T. J., & Burdsall, H.H. Jr. (2001). Field observations and inoculation experiments to determine the nature of the carpophoroids associated with *Entoloma abortivum* and *Armillaria*. *Mycologia* 93: 841-851.

Dahlman, M., E. Danell & J. W. Spatafora (2000). Molecular systematics of *Craterellus*: Cladistic analysis of nuclear LSU rDNA sequence data. *Mycological Research* 104: 388-394.

Dahlstrom, J. L., J. E. Smith & N. S. Weber (2000). Mycorrhiza-like interaction by *Morchella* with species of the Pinaceae in pure culture synthesis. *Mycorrhiza* 9: 279-285.

Dai, Y.-C., H.-J. Xue, J. Vlasak, M. Rajchenberg, B. Wang & L.-W. Zhou (2014). Phylogeny and global diversity of *Polyporus* group *Melanopus* (Polyporales, Basidiomycota). *Fungal Diversity* 64: 133-144.

- Dalgleish, H. J. & K. M. Jacobson (2005). A first assessment of genetic variation among *Morchella esculenta* (morel) populations. *Journal of Heredity* 96: 396-403.
- Danel, V. C., P. F. Saviue & D. Garon (2001). Main features of *Cortinarius* spp. poisoning: a literature review. *Toxicon* 39: 1053-1060.
- Danell, E. (1994). *Cantharellus cibarius*: Mycorrhiza formation and ecology. Doctoral dissertation, Uppsala University, Sweden.
- Darker, G. D. (1967). A revision of the genera of the Hypodermataceae. *Canadian Journal of Botany* 45: 1399-1444.
- Das, K., S. K. Singh & F. D. Calonge (2007) *Gasteromycetes* of Western Ghats, India: I. A new form of *Phallus indusiatus*. *Boletín de la Sociedad Micológica de Madrid* 31: 135-138.
- Das, K. & D. Mishra (2010). *Leratiomyces squamosus* var. *thraustus* (Kalchbr.) Bridge & Spooner: a new record for India. *Phytotaxonomy* 10: 106-108.
- da Silva, B. D. B., T. S. Cabral, M. Martín, P. Marinho, F. D. Calonge & I. G. Baseia (2015). *Mutinus albotruncatus* (Phallales, Agaricomycetes), a new phalloid from the Brazilian semiarid, and a key to the world species. *Phytotaxa* 236: 237-248.
- da Silva, P. S., V. G. Cortez & R. M. B. da Silveira (2009). New species of *Stropharia* from *Araucaria angustifolia* forests of southern Brazil. *Mycologia* 101: 539-544.
- da Silva, P. S., R. M. B. da Silveira & V. G. Cortez (2014). Notes on *Deconica* and *Psilocybe* (Agaricales) from the southern border of Atlantic forest and Pampa biomes in Brazil. *Sydowia* 66: 217-228.
- David, A. & M. Rajchenberg (1985). Pore fungi from French Antilles and Guiana. *Mycotaxon* 22: 285-325.
- Davoodian, N. & R. E. Halling (2013). Validation and typification of *Gyroporus purpurinus*. *Mycotaxon* 125: 103-105.
- De, A. B. (1996). *Royoporus*--a new genus for *Favolus spathulatus*. *Mycotaxon* 60: 143-148.
- De, A. B. (1997). Taxonomy of *Royoporus badius* comb. nov. *Mycotaxon* 65: 469-474.
- De, A. B. (1998). Taxonomy of *Royoporus pseudobetulinus* comb. nov. *Mycotaxon* 69: 137-143.
- De Crop, E., J. Nuytinck, K. Van de Putte, K. Wisitrassameewong, J. Hackel, D. Stubbe, K. D. Hyde, M. Roy, R. E. Halling, P. -A. Moreau, U. Eberhardt & A. Verbeken (2017). A multi-gene phylogeny of *Lactifluus* (Basidiomycota, Russulales) translated into a new infrageneric classification of the genus, *Persoonia* 38: 58-80.
- De Kok, R. P. J. & E. C. Vellinga (1998). Notulae ad floram agaricinam Neerlandicam - XXXII. *Macrolepiota. Persoonia* 17: 69-79.
- Decock, C. & L. Ryvarden (2002). Two undescribed *Microporellus* species and notes on *M. clemensiae*, *M. setigerus*, and *M. subincarnatus*. *Czech Mycology* 54: 19-30.
- Decock, C. & L. Ryvarden (2003). *Perenniporiella* gen. nov. segregated from *Perenniporia*, including

a key to neotropical *Perenniporia* species with pileate basidiomes. *Mycological Research* 107: 93-103.

Decock, C. (2007). On the genus *Microporellus*, with two new species and one recombination (*M. papuensis* spec. nov., *M. adextrinoideus* spec. nov., and *M. terrestris* comb. nov.). *Czech Mycology* 59: 153-170.

Deering, R., F. Dong, D. Rambo & N. P. Money (2001). Airflow patterns around mushrooms and their relationship to spore dispersal. *Mycologia* 93: 732-736.

Degnan, J. H. & N. A. Rosenberg (2009). Gene tree discordance, phylogenetic inference and the multispecies coalescent. *Trends in Ecology and Evolution* 24: 332-340.

Degreef, J., E. Fischer, C. Sharp & O. Raspe (2009). African *Morchella crassipes* (Ascomycota, Pezizales) revealed by analysis of nrDNA ITS. *Nova Hedwigia* 88: 11-22.

Degreef, J., M. Amalfi, C. Decock & V. Demoulin (2013). Two rare Phallales recorded from São Tomé. *Cryptogamie, Mycologie* 34: 3-13.

Delgat, L., G. Dierickx, S. de Wilde, C. Angelini, E. de Crop, R. de Lange, R. 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.

Delgat, L. R. Courtecuisse, E. De Crop, F. Hampe, T. A. Hofmann, C. Manz, M. Piepenbring, M. Roy & A. Verbeken (2020). *Lactifluus* (Russulaceae) diversity in Central America and the Caribbean: melting pot between realms. *Persoonia* 44: 278-300.

Demoulin, V. (1972). Espèces nouvelles ou méconnues du genre *Lycoperdon* (Gasteromycetes). *Lejeunia* 62: 1-30.

Demoulin, V. (1973). Phytogeography of the fungal genus *Lycoperdon* in relation to the opening of the Atlantic. *Nature* 242: 123-125.

Demoulin, V. (1976). Species of *Lycoperdon* with a setose exoperidium. *Mycotaxon* 3: 275-296.

Demoulin, V. (1983). Cle de détermination des espèces du genre *Lycoperdon* présentes dans le sud de l'Europe. *Revista de Biologia* 12: 65-70.

Demoulin, V. (1989). The typification of *Boletus*, *Suillus* and *Leccinum* (Fungi). *Taxon* 38: 83-87.

Demoulin, V. & M. Lange (1990). *Calvatia turneri* (Ellis et Everh.) Demoulin et M. Lange, comb. nov., the correct name for *C. tatrensis* Hollos. *Mycotaxon* 38: 221-226.

Demoulin, V. (1993). *Calvatia pachyderma* (Peck) Morg. and *Gastropila fragilis* (Lev.) Homrich et Wright, two possible names for the same fungus. *Mycotaxon* 46: 77-84.

Den Bakker, H. C., G. C. Zuccarello, T. W. Kuyper & M. E. Noordeloos (2004). Evolution and host specificity in the ectomycorrhizal genus *Leccinum*. *New Phytologist* 163: 201-215.

Den Bakker, H. C., B. Gravendeel & T. W. Kuyper (2004). An ITS phylogeny of *Leccinum* and an analysis of the evolution of minisatellite-like sequences within ITS1. *Mycologia* 96: 102-118.

Den Bakker, H. C. & M. E. Noordeloos (2005). A revision of European species of *Leccinum* Gray and notes on extralimital species. *Persoonia* 18: 511-587.

Den Baker, H. C., G. C. Zuccarello, Th. W. Kuyper & M. E. Noordeloos (2007). Phylogeographic patterns in *Leccinum* sect. *Scabra* and the status of the arctic-alpine species *L. rotundifoliae*. *Mycological Research* 111: 663-672.

Deng, W., B. Song, Q. Lin, Z. Guan & T. Li (2004). 18S rDNA partial sequences of *Dictyophora duplicata* & *Phallus impudicus* and their phylogenetic implications. *Journal of Fungal Research* 2: 35-39.

Deng, H. & Y. -J. Yao (2005). *Tricholoma equestre*, the correct name for *T. flavovirens* (Agaricales). *Mycotaxon* 94: 325-329.

Denison, E. & Palmer, B. (1994). *Missouri's Oaks and Hickories*. Missouri: Conservation Commission of the State of Missouri. 23 pp.

Denison, W. C. (1959). Some species of the genus *Scutellinia*. *Mycologia* 51: 605-635.

Denison, W. C. (1964). The genus *Cheilymenia* in North America. *Mycologia* 56: 718-737.

Dennis, R. W. G. (1960). Fungi venezueliani: III. *Kew Bulletin* 14: 418-458.

Dennis, R. W. G. (1962). A reassessment of *Belonidium* Mont. & Dur. *Persoonia* 2: 171-191.

Dennis, R. W. G. (1968). *British Ascomycetes*. Stuttgart: J. Cramer. 455 pp.

Dentinger, B. T. M. & D. J. McLaughlin (2006). Reconstructing the Clavariaceae using nuclear large subunit rDNA sequences and a new genus segregated from *Clavaria*. *Mycologia* 98: 746-762.

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.

Desjardin, D. E. (1985). New marasmioid fungi from California. *Mycologia* 77: 894-902.

Desjardin, D. E. (1987). New and noteworthy marasmioid fungi from California. *Mycologia* 79: 123-134.

Desjardin, D. E. (1987). *The Agaricales (Gilled Fungi) of California. 7. Tricholomataceae I. Marasmioid Fungi: the Genera Baeospora, Crinipellis, Marasmiellus, Marasmius, Micromphale, and Strobilurus*. Eureka, CA: Mad River Press. 99 pp.

Desjardin, D. E. & Petersen, R. H. (1989). Studies on *Marasmius* from eastern North America. II. New species. *Mycotaxon* 34: 71-92.

Desjardin, D. E. (1989). The genus *Marasmius* from the southern Appalachian Mountains. PhD dissertation, University of Tennessee. Retrieved 17 December 2016 from http://trace.tennessee.edu/utk_graddiss/2513

Desjardin, D. E. (1991). Studies on *Marasmius* from eastern North America. IV. Additions to Sect. *Sicci*. *Mycologia* 83: 30-39.

- Desjardin, D. E., S. A. Gordon & R. H. Petersen (1993). Observations on two rhizomorph-forming species of *Marasmiellus*. *Mycological Research* 97: 111-122.
- Desjardin, D. E. (1997). A synopsis of *Marasmiellus* in the southern Appalachian Mountains. *Mycotaxon* 65: 237-261.
- Desjardin, D. E. & Bessette, A. E. (1997). A new *Mycena* from New York. *Mycotaxon* 62: 299-303.
- Desjardin, D. E., R. E. Halling & B. A. Perry (1997). *Gymnopus villosipes*—a common collybioid agaric from California. *Mycotaxon* 64: 141-147.
- 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.
- Desjardin, D. E. (2000). *Strobilurus diminutivus*: A new species from montane California, USA.. In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 137-142.
- Desjardin, D. E. & D. E. Hemmes (2001). Agaricales of the Hawaiian Islands--7. Notes on *Volvariella*, *Mycena* sect. *Radiatae*, *Physalacria*, *Porpoloma* and *Stropharia*. *Harvard Papers in Botany* 6: 85-103.
- Desjardin, D. E. (2003). A unique ballistosporic hypogeous sequestrate *Lactarius* from California. *Mycologia* 95: 148-155.
- Desjardin, D. E. (2004). A new species of *Pseudobaeospora* from California. *Mycotaxon* 90: 69-76.
- Desjardin, D. E. & B. A. Perry (2009). A new species of *Phallus* from Sao Tome, Africa. *Mycologia* 101: 545-547.
- Desjardin, D. E., M. G. Wood & F. A. Stevens (2015). *California Mushrooms: The Comprehensive Identification Guide*. Portland: Timber Press. 559 pp.
- Desjardin, D. E., B. A. Perry, J. E. Shay, D. S. Newman & E. Randrianjohany. The type species of *Tetrapyrgos* and *Campanella* (Basidiomycota, Agaricales) are redescribed and epitypified. *Mycosphere* 8: 977-985.
- Dettman, J. R. & Kamp, B. J. van der. (2001). The population structure of *Armillaria ostoyae* and *Armillaria sinapina* in the central interior of British Columbia. *Canadian Journal of Botany* 79: 600-611.
- Dharne, C. G. (1964). Taxonomic investigations on the discomycetous genus *Lachnella* Karst. *Phytopathologische Zeitschrift* 53: 101-144.
- Dick, E. A. & W. H. Snell (1965). Notes on boletes. XV. *Mycologia* 57: 448-458.
- Didukh, M., R. Vilgalys, S. P. Wasser, O. S. Isikhuemhen & E. Nevo (2005). Notes on *Agaricus* section *Duploannulati* using molecular and morphological data. *Mycological Research* 109: 729-740.
- Díez, J., B. Anta, J. L. Manjón & M. Honrubia (2001). Genetic variability of *Pisolithus* isolates associated with native hosts and exotic eucalyptus in the western Mediterranean region. *New Phytologist* 149: 577-587.
- Dima, B., H. Lindström, K. Liimatainen, A. Olson, K. Soop, I. Kytövuori, A. Dahlberg & T. Niskanen

- (2016). Typification of Fresian names in *Cortinarius* sections *Anomali*, *Spilomei*, and *Bolares*, and description of two new species from northern Europe. *Mycological Progress* 15: 903-919. doi: 10.1007/s11557-016-1217-5
- Dios, M. M., G. Moreno & A. Altes (2001). *Podaxis argentinus* and other species of Podaxaceae from Catamarca, Argentina. *Mycotaxon* 80: 453-460.
- Dissing, H. & Lange, M. (1967). Notes on the genus *Helvella* in North America. *Mycologia* 59: 349-360.
- Dissing, H. (1981). Four new species of Discomycetes (Pezizales) from west Greenland. *Mycologia* 73: 263-273.
- Dissing, H. & Pfister, D. H. (1981). *Scabropezia*, a new genus of Pezizaceae (Pezizales). *Nordic Journal of Botany* 1: 102-108.
- Dixon, J. R. (1974). *Chlorosplenium* and its segregates. I. Introduction and the genus *Chlorosplenium*. *Mycotaxon* 1: 65-104.
- Dixon, J. R. (1975). *Chlorosplenium* and its segregates. II. The genera *Chlorociboria* and *Chloencoelia*. *Mycotaxon* 1: 193-237.
- Dodd, J. L. (1972). The genus *Clavicornia*. *Mycologia* 64: 737-773.
- Dodge, C. W. (1929). The higher Plectascales. *Annales Mycologici* 27: 10-184.
- Donk, M. A. (1969). Notes on European polypores--II. Notes on *Poria*. *Persoonia* 5: 47-130.
- Donk, M. A. (1969). Notes on European polypores--III. Notes on species with stalked fruitbody. *Persoonia* 5: 237-263.
- Donk, M. A. (1969). Notes on *Cantharellus* Sect. *Leptocantharellus*. *Persoonia* 5: 265-284.
- Donley, R., J. V. Jalava & J. van Overbeeke (2013). Management plan for the green dragon (*Arisaema dracontium*) in Ontario. Ontario Management Plan Series. Retrieved 4 September, 2020 from the Ontario Ministry of Natural Resources website: https://files.ontario.ca/environment-and-energy/species-at-risk/mnr_sar_mtpln_grndrgn_en.pdf
- Douanla-Meli, C., E. Langer & F. D. Calonge (2005). *Geastrum pleosporus* sp. nov., a new species of Geastraceae identified by morphological and molecular data. *Mycological Progress* 4: 239-250.
- Doyle, M. F. & Sundberg, W. J. (1989). The taxonomy, ecology, and distribution of *Marasmius* (Agaricales, Tricholomataceae) in Illinois. *Transactions of the Illinois Academy of Science* 82: 109-120.
- Drechsler-Santos, E. R., T. B. Gibertoni & M. A. de Queiroz Cavalcanti (2007). *Podoscypha aculeata*, a new record for the neotropics. *Mycotaxon* 101: 69-72.
- Drechsler-Santos, E. R., F. Wartchow, V. R. M. Coimbra, T. B. Gibertoni & M. A. Q. Cavalcanti (2012). Studies on lentinoid fungi (*Lentinus* and *Panus*) from the semi-arid region of Brazil. *Journal of the Torrey Botanical Society* 139: 437-446.
- Drehmel, D., Moncalvo, J. & Vilgalys, R. (1999). Molecular phylogeny of *Amanita* based on large-

subunit ribosomal DNA sequences: implications for taxonomy and character evolution. *Mycologia* 91: 610-618.

Drehmenl, D., T. James & R. Vilgalys (2008). Molecular phylogeny and biodiversity of the boletes. *Fungi* 1: 17-23.

Dring, D. M. (1964). Gasteromycetes of West Tropical Africa. *Mycological Papers* 98: 1-59.

Dring, D. M. & R. W. Rayner (1967). Some gasteromycetes from eastern Africa. *Journal of the East Africa Natural History Society* 26: 5-46.

Dring, D. M. & A. C. Rose (1977). Additions to West African phalloid fungi. *Kew Bulletin* 31: 741-751.

Dring, D. M. (1980). Contributions toward a rational arrangement of the Clathraceae. *Kew Bulletin* 35: 1-96.

Du, X.-H., Q. Zhao, Z. Yang, K. Hansen, H. Taskin, S. Buyukalaca, D. Dewsbury, J.-M. Moncalvo, G. W. Douhan, V. A. R. G. Robert, P. W. Crous, S. A. Rehner, A. P. Rooney, S. Sink & K. O'Donnell (2012). How well do ITS rDNA sequences differentiate species of true morels (*Morchella*)? *Mycologia* 104: 1351-1368.

Du, X.-H., Q. Zhao & Z. L. Yang (2015). A review on research advances, issues, and perspectives of morels. *Mycology* 6: 78-85.

Duchesne, L. C. & Weber, M. G. (1993). High incidence of the edible morel *Morchella conica* in a jack pine, *Pinus banksiana*, forest following prescribed burning. *The Canadian Field-Naturalist* 107: 114-116.

Duncan, E. G. & J. A. Macdonald (1967). Micro-evolution in *Auricularia auricula*. *Mycologia* 59: 803-818.

Dunham, S. M., T. E. O'Dell & R. Molina (2003). Analysis of nrDNA sequences and microsatellite allele frequencies reveals a cryptic chanterelle species *Cantharellus cascadiensis* sp. nov. from the American Pacific Northwest. *Mycological Research* 107: 1163-1177.

Dunham, S. M., T. E. O'Dell & R. Molina (2006). Forest stand age and the occurrence of chanterelle (*Cantharellus*) species in Oregon's central Cascade Mountains. *Mycological Research* 110: 1433-1440.

Dunham, S. M., T. E. O'Dell & R. Molina (2006). Spatial analysis of within-population microsatellite variability reveals restricted gene flow in the Pacific golden chanterelle (*Cantharellus formosus*). *Mycologia* 98: 250-259.

Dunn, J. L. & J. Alderfer (2009). *Illustrated birds of North America*. Hong Kong: National Geographic Society. 502 pp.

Durall, D. M., S. Gaiet, S. W. Simard, L. Kudrna & S. M. Sakakibara (2006). Effects of clearcut logging and tree species composition on the diversity and community composition of epigeous fruit bodies formed by ectomycorrhizal fungi. *Canadian Journal of Botany* 84: 966-980.

Durand, E. J. (1923). The genera *Midotis*, *Ionomidotis* and *Cordierites*. *Proceedings of the American Academy of Arts and Sciences* 59: 3-16.

- Duriška, O., V. Antonín, R. Para, M. Tomšovský & S. Jančovičová (2017). Taxonomy, ecology and distribution of *Melanoleuca strictipes* (Basidiomycota, Agaricales) in Europe. *Czech Mycology* 69: 15-30.
- Eberhardt, U., H. J. Beker, J. Vila, J. Vesterholt, X. Llimona & R. Gadjieva (2009). *Hebeloma* species associated with *Cistus*. *Mycological Research* 113: 153-162.
- Eckblad, F. E. (1968). The genera of operculate Discomycetes: A re-evaluation of their taxonomy, phylogeny and nomenclature. *Nytt Magasin for Botanikk* 15: 1-191.
- Eddy, S. & J. C. Underhill (1978). *How to know the freshwater fishes*. USA: Wm. C. Brown. 215 pp.
- Eicker, A. & D. A. Reid (1990). *Clathrus transvaalensis*, a new species from the Transvaal, South Africa. *Mycological Research* 94: 422-423.
- Elliott, L., C. Gerhardt & C. Davidson (2009). *The frogs and toads of North America*. Boston: Houghton Mifflin Harcourt. 343 pp.
- Elliott, M. E. & M. Kaufert (1974). *Peziza badia* and *Peziza badio-confusa*. *Canadian Journal of Botany* 52: 467-472.
- Elliott, T. E. & S. L. Stephenson (2018). *Mushrooms of the southeast*. Portland, OR: Timber Press. 408 pp.
- Elliott, T. F., N. L. Bougher, K. O'Donnell & J. M. Trappe (2014). *Morchella australiana* sp. nov., an apparent Australian endemic from New South Wales and Victoria. *Mycologia* 106: 113-118.
- Elliott, T. F. & J. M. Trappe (2018). A worldwide nomenclature revision of sequestrate *Russula* species. *Fungal Systematics and Evolution* 1: 229-242.
- Elliott, T. F. & J. M. Trappe (2018). Erratum to: A worldwide nomenclature revision of sequestrate *Russula* species. *Fungal Systematics and Evolution* 2: 361.
- Elliott, T. F., M. A. Jusino, J. M. Trappe, H. Lepp, G. -A. Ballard, J. J. Bruhl & K. Vernes (2019). A global review of the ecological significance of symbiotic associations between birds and fungi. *Fungal Diversity* 98: 161-194.
- Ellis, J. B. (1882). New North American fungi. *Bulletin of the Torrey Botanical Club* 9: 18-20.
- Ellis, J. B. & B. M. Everhart (1892). *The North American Pyrenomycetes: a contribution to mycologic botany*. Newfield, NJ: Ellis & Everhart.
- Emery, M. R. & E. S. Barron (2010). Using local ecological knowledge to assess morel decline in the U. S. Mid-Atlantic region. *Economic Botany* 64: 205-216.
- Endo, N., W. W. Fangfuk, D. Sakuma, C. Phosri, N. Matsushita, M. Fukada & A. Yamada (2016). Taxonomic consideration of the Japanese red-cap Caesar's mushroom based on morphological and phylogenetic analyses. *Mycoscience* 57: 200-207.
- Ernst, C. H. & J. E. Lovich (2009). *Turtles of the United States and Canada*. Second edition. Baltimore: Johns Hopkins University Press. 827 pp.

Esqueda, M., T. Herrera, E. Perez-Silva, A. Aparicio & G. Moreno (2002). Distribution of *Battarrea phalloides* in Mexico. *Mycotaxon* 82: 207-214.

Esser, K. & Lemke, P. A. (2001). *Systematics and evolution: Part B*. (From the series *The Mycota: A comprehensive treatise on fungi as experimental systems for basic and applied research*; Volume VII.) Germany: Springer. 245 pp.

Estades, A. (2007). *Leccinum callitrichum* Redeuilh. *Bulletin de la Société Mycologique de France* 122: 381-386.

Esteve-Raventós, F., G. Moreno, E. Bizio & P. Alvarado (2015). *Inocybe flavobrunnescens*, a new species on section *Marginatae*. *Mycological Progress* 14: 14.

Esteve-Raventós, F., D. Bandini, B. Oertel, V. González, G. Moreno & I. Olariaga (2018). Advances in the knowledge of the *Inocybe mixtilis* group (*Inocybaceae*, *Agaricomycetes*), through molecular and morphological studies. *Persoonia* 41: 213-236.

Evenson, V. S. (1997). *Mushrooms of Colorado and the southern Rocky Mountains*. Denver: Denver Botanic Press. 207 pp.

Evenson, V. S. & Denver Botanic Gardens (2015). *Mushrooms of the Rocky Mountain region: Colorado, New Mexico, Utah, Wyoming*. Portland: Timber Press. 298 pp.

Exeter, R. L., L. Norvell & E. Cázares (2006). *Ramaria of the Pacific Northwest*. Salem, OR: United States Department of Interior. 157 pp.

Exeter, R. & L. L. Norvell (2012). How to identify *Phaeocollybia* in the Pacific Northwest North America. Published by the authors.

Eyssartier, G. & B. Buyck (2001). Notes on Australian species described in the genus *Cantharellus* (Basidiomycetes). *Australian Systematic Botany* 14: 587-598.

Eyssartier, G. & M. E. Noordeloos (2002). *Entoloma brunneoserrulatum*, spec. nova. *Ost. Zeitschr. F. Pilzk.* 11: 185-189.

Fabrini, F. C. S. S. & F. Wartchow (2020). Annotated checklist of *Gymnopilus* from Brazil. *Current Research in Environmental & Applied Mycology* 10: 42-49.

Farnet, A. M., M. Roux & J. Le Petit (1999). Genotypic variations among isolates of *Marasmius quercophilus*, a white-rot fungus isolated from evergreen oak litter. *Canadian Journal of Botany* 77: 884-890.

Farid, A., M. Gelardi, C. Angelini, A. R. Franck, F. Costanzo, L. Kaminsky, E. Ercole, T. J. Baroni, A. L. White, J. R. Garey, M. E. Smith & A. Vizzini (2018). *Phylloporus* and *Phylloboletellus* are no longer alone: *Phylloporopsis* gen. nov. (*Boletaceae*), a new smooth-spored lamellate genus to accommodate the American species *Phylloporus boletinoides*. *Fungal Systematics and Evolution* 2: 341-359.

Farr, D. F. (1980). The acanthocyte, a unique cell type in *Stropharia* (Agaricales). *Mycotaxon* 11: 241-249.

Farr, E. R., O. K. Miller Jr. & D. F. Farr (1977). Biosystematic studies in the genus *Pholiota*, stirps

- Adiposa*. *Canadian Journal of Botany* 55: 1167-1180.
- Farr, M. L. (1981). *How to know the true slime molds*. Dubuque, IA: Wm. C. Brown. 132 pp.
- Fatto, R. M. (1996). *Russula subalbidula* - A southern species. *Mycotaxon* 59: 33-35.
- Fatto, R. M. & Bessette, A. E. (1996). A new species of *Callistosporium*. *Mycotaxon* 60: 125-128.
- Fatto, R. M. (1998). A study of selected Murrill's russulas. *Mycotaxon* 69: 487-502.
- Fatto, R. M. (1999). Three new species of *Russula*. *Mycotaxon* 70: 167-175.
- Fatto, R. M. (2000). Several russulas of the Chiricahua mountains. *Mycotaxon* 75: 265-272.
- Fatto, R. M. (2002). Some Russulas of the section Urentinae. *Mycotaxon* 84: 229-244.
- Fazolino, E. P., F. D. Calonge & I. G. Baseia (2008). *Geastrum entomophilum*, a new earthstar with an unusual spore dispersal strategy. *Mycotaxon* 104: 449-453.
- Fedosova, A. G., E. S. Popov, P. Lizon & V. Kučera (2018). Towards an understanding of the genus *Glutinoglossum* with emphasis on the *Glutinoglossum glutinosum* species complex (Geoglossaceae, Ascomycota). *Persoonia* 41: 18-38.
- Feibelman, T. P., J. W. Bennett & W. G. Cibula (1996). *Cantharellus tabernensis*: A new species from the southeastern United States. *Mycologia* 88: 295-301.
- Feibelman, T. P., R. L. Doudrick, W. G. Cibula & J. W. Bennett (1997). Phylogenetic relationships within the Cantharellaceae inferred from sequence analysis of the nuclear large subunit rDNA. *Mycological Research* 101: 1423-1430.
- Feng, B., X. -H. Wang, D. Ratkowsky, G. Gates, S. S. Lee, T. Grebenc & Z. L. Yang (2016). Multilocus phylogenetic analyses reveal unexpected abundant diversity and significant disjunct distribution pattern of Hedgehog Mushrooms (*Hydnum* L.). *Scientific Reports* 6: 25586.
- Ferisin, G. & F. Dovana (2019). Il genere *Pluteus*, sezione *Hispoderma*. *Revista Micologia Romana, Bollettino dell'Associazione Micologica Ecologica Romana* 106: 23-51.
- Fine, G. A. (1998). *Morel tales: The culture of mushrooming*. Cambridge: Harvard UP. 324 pp.
- Fischer, E. (1886). IV. *Ithyphallus rugulosus* n. sp. In Zur Entwicklungsgeschichte der Fruchtkörper einiger Phalloideen. *Annales du Jardin Botanique de Buitenzorg* 6: 35-38.
- Fischer, M. & M. Binder (2004). Species recognition, geographic distribution and host-pathogen relationships: a case study in a group of lignicolous basidiomycetes, *Phellinus* s.l. *Mycologia* 96: 799-811.
- Fischer, M. W. F. & N. P. Money (2009). Why mushrooms form gills: efficiency of the lamellate morphology. *Mycological Research* 30: 1-7.
- Flockhart, D. T. T., L. P. Brower, M. I. Ramirez, K. A. Hobson, L. I. Wassenaar, S. Altizer & D. R. Norris (2017). Regional climate on the breeding grounds predicts variation in the natal origin of monarch butterflies overwintering in Mexico over 38 years. *Global Change Biology* 23: 2565-2576.

- Floudas, D. & D. S. Hibbett (2015). Revisiting the taxonomy of *Phanerochaete* (Polyporales, Basidiomycota) using a four gene dataset and extensive ITS sampling. *Fungal Biology* 119: 679-719.
- Flynn, T. & Miller, O. K. Jr. (1990). Biosystematics of *Agrocybe molesta* and sibling species allied to *Agrocybe praecox* in North America and Europe. *Mycological Research* 94: 1103-1110.
- Fogel, R. & J. States (2001). Materials for a hypogeous mycoflora of the Great Basin and adjacent cordilleras of the western United States IV: *Zelleromyces rogersonii*, sp. nov. (Basidiomycota, Elasmomycetaceae). *Mycotaxon* 53: 321-326.
- Foltz, M. J., K. E. Perez & T. J. Volk (2013). Molecular phylogeny and morphology reveal three new species of *Cantharellus* within 20 m of one another in western Wisconsin, USA. *Mycologia* 105: 447-461.
- Fournier, J., F. Flessa, D. Peršoh & M. Stadler (2010). Three new *Xylaria* species from southwestern Europe. *Mycological Progress* 10: 33-52.
- Fournier, J. (2014). Update on European species of *Xylaria*. Retrieved 1 September, 2020 from the ASCOFrance website: <http://www.ascofrance.fr/uploads/xylaria/201406.pdf>
- Fox, R. T. V. & Sanson, S. (1996). Lethal effects of an electrical field on *Armillaria mellea* in culture. *Mycological Research* 100: 318-320.
- Franco-Molano, A. E. (1993). Studies on *Cystoderma*: A new species and a new combination. *Mycologia* 85: 672-676.
- Frank, J. L., A. R. Bessette & A. E. Bessette (2017). *Alessioporus rubriflavus* (Boletaceae), a new species from the eastern United States. *North American Fungi* 12: 1-8.
- Frank, J. L., N. Siegel, C. Schwarz, B. Araki & E. C. Vellinga (2020). *Xerocomellus* (Boletaceae) in western North America. *Fungal Systematics and Evolution* 6: 265-288.
- Freeman, A. E. H. (1979). *Agaricus* in North America: Type studies. *Mycotaxon* 8: 1-49.
- Freeman, A. E. H. (1979). *Agaricus* in the southeastern United States. *Mycotaxon* 8: 50-118.
- Fries, E. M. (1821). *Systema Mycologicum*, Vol. I. Lund. 520 pp.
- Fries, E. M. (1822). *Systema Mycologicum*, Vol. II. Lund. 621 pp.
- Fries, E. M. & Hök, C. T. (1835). *Boleti, fungorum generis illustratio*. Uppsala: Regiae Academiae Typographi.
- Fries, E. (1849). Discomycetes. In *Summa Vegetabilium Scandinaviae, Sectio posterior*. Sweden: Holmiae & Lipsiae. 346-354.
- Fries, N. & G. M. Mueller (1984). Incompatibility systems, cultural features and species circumscriptions in the ectomycorrhizal genus *Laccaria* (Agaricales). *Mycologia* 76: 633-642.
- Fries, N. (1985). Intersterility groups in *Paxillus involutus*. *Mycotaxon* 24: 403-409.
- Froslev, T. G., T. S. Jeppesen & T. Laessoe. (2006). Seven new calochroid and fulvoid species of *Cortinarius*. *Mycological Research* 110: 1046-1058.

- Frost, C. C. (1874). Catalogue of boleti of New England, with descriptions of new species. *Bulletin of the Buffalo Society of Natural Science* 2: 100-105.
- Fryar, S. C. (2002). Fungal succession or sequence of fruit bodies? *Fungal Diversity* 10: 5-10.
- Fu, S. Z., Q. B. Wang & Y. J. Yao (2006). An annotated checklist of *Leccinum* in China. *Mycotaxon* 96: 47-50.
- Fulgenzi, T. D., T. W. Henkel & R. E. Halling (2007). *Tylophilus orsonianus* sp. nov. and *Tylophilus eximius* from Guyana. *Mycologia* 99: 622-627.
- Funder, S. (1968). *Practical mycology: Manual for identification of fungi*. New York: Hafner. 146 pp.
- Gadd, G. M., S. C. Watkinson & P. S. Dyer, eds. (2007). *Fungi in the environment*. Cambridge: Cambridge University Press. 386 pp.
- Galland, M. C. Kemp, R. F. O. & Jurand, M. K. (1979). The species problem in the *Psathyrella candolleana* complex. *Mycotaxon* 8: 329-332.
- García-Jiménez, J., F. Garza-Ocañas, J. I. de la Fuente, Á. E. Saldivar & O. Ayala-Vásquez (2019). Three new records of *Aureoboletus* Pouzar (Boletaceae, Boletales) from Mexico. *Check List* 15: 759-765.
- Garnica, S., M. Weiss, B. Oertel & F. Oberwinkler (2003). Phylogenetic relationships of European *Phlegmacium* species (*Cortinarius*, Agaricales). *Mycologia* 95: 1155-1170.
- Garnica, S., M. Weiß, B. Oertel & F. Oberwinkler (2005). A framework for a phylogenetic classification in the genus *Cortinarius* (Basidiomycota, Agaricales) derived from morphological and molecular data. *Canadian Journal of Botany* 83: 1457-1477.
- Garnica, S., P. Spahn, B. Oertel, J. Ammirati & F. Oberwinkler (2011). Tracking the evolutionary history of *Cortinarius* species in section *Calochroi*, with transoceanic disjunct distributions. *Evolutionary Biology* 11: 213.
- Garnica, S., M. E. Schön, K. Abarenkov, K. Riess, K. Liimatainen, T. Niskanen, B. Dima, K. Soop, T. G. Froslev, T. S. Jeppesen, U. Peitner, R. Kuhnert-Finkernagel, T. E. Brandrud, G. Saar, B. Oertel & J. F. Ammirati (2016). Determining threshold values for barcoding fungi: lessons from *Cortinarius* (Basidiomycota), a highly diverse and widespread ectomycorrhizal genus. *FEMS Microbiology Ecology*. 92: 1-16.
- Ge, Z. W., Z. L. Yang & E. C. Vellinga (2010). The genus *Macrolepiota* (Agaricaceae, Basidiomycota) in China. *Fungal Diversity* 45: 81-98.
- Ge, Z. -W., Z. L. Yang, D. H. Pfister, M. Carbone, T. Bau & 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: e103457.
- Ge, Z. W., A. Jacobs, E. C. Vellinga, P. Sysouphanthong, R. van der Walt, C. Lavorato, Y. F. An & Z. L. Yang (2018). A multi-gene phylogeny of *Chlorophyllum* (Agaricaceae, Basidiomycota): new species, new combination and infrageneric classification. *MycKeys* 32: 65-90.

Gelardi, M., A. Vizzini, E. Ercole, S. Voyron, J.-Z. Sun & X.-Z. Liu (2013). *Boletus sinopulverulentus*, a new species from Shaanxi Province (central China) and notes on *Boletus* and *Xerocomus*. *Sydowia* 65: 45-57.

Gelardi, M., G. Simonini, E. Ercole, P. Davoli & A. Vizzini (2015). *Cupreoboletus* (Boletaceae, Boletinae), a new monotypic genus segregated from *Boletus* sect. *Luridi* to reassign the Mediterranean species *B. poikilochromus*. *Mycologia* 107: 1254-1269.

Gelardi, M. (2018). Contribution to the knowledge of Chinese boletes. II: *Aureoboletus thibetanus* s.l., *Neoboletus brunneissimus*, *Pulveroboletus macrosporus* and *Retiboletus kauffmanii* (part ii). *Revista Micologica Romana, Bollettino dell' Associazione Micologica Ecologica Romana* 103:27-44.

Gelardi, M., C. Angelini, F. Costanzo, F. Dovana, B. Ortiz-Santana & A. Vizzini (2019). *Neoboletus antillanus* sp. nov. (Boletaceae), first report of a red-pored bolete from the Dominican Republic and insights on the genus *Neoboletus*. *MycKeys* 49: 73-97.

Geml, J., D. D. Davis & D. M. Geiser (2005). Phylogenetic analyses reveal deeply divergent species lineages in the genus *Sphaerobolus* (Phallales: Basidiomycota). *Molecular Phylogenetics and Evolution* 35: 313-322.

Geml, J., D. D. Davis & D. M. Geiser (2005). Systematics of the genus *Sphaerobolus* based on molecular and morphological data, with the description of *Sphaerobolus ingoldii* sp. nov. *Mycologia* 97: 680-694.

Geml, J., A. Laursen, K. O'Neill, H. C. Nusbaum & D. L. Taylor (2006). Beringian origins and cryptic speciation events in the fly agaric (*Amanita muscaria*). *Molecular Ecology* 15: 225-239.

Geml, J., G. A. Laursen & D. L. Taylor (2008). Molecular diversity assessment of arctic and boreal *Agaricus* taxa. *Mycologia* 100: 577-589.

Geml, J., G. A. Laursen, I. Timling, J. M. McFarland, M. G. Booth, N. Lennon, C. Nusbaum & D. L. Taylor (2009). Molecular phylogenetic biodiversity assessment of arctic and boreal ectomycorrhizal *Lactarius* Pers. (Russulales; Basidiomycota) in Alaska, based on soil and sporocarp DNA. *Molecular Ecology* 18: 2213-2227.

Gerhardt, E. (1996). Taxonomische Revision der Gattungen *Panaeolus* und *Panaeolina* (Fungi, Agaricales, Coprinaceae). *Bibliotheca Botanica* 147: 1-149.

Gernandt, D. S., J. L. Platt, J. K. Stone, J. W. Spatafora, A. Holst-Jensen, R. C. Hamelin & L. M. Kohn (2001). Phylogenetics of Helotiales and Rhytismatales based on partial small subunit nuclear ribosomal DNA sequences. *Mycologia* 93: 915-933.

Gessner, R. V., M. A. Romano & R. W. Schultz (1987). Allelic variation and segregation in *Morchella deliciosa* and *M. esculenta*. *Mycologia* 79: 683-687.

Gessner, R. V. (1995). Genetics and systematics of North American populations of *Morchella*. *Canadian Journal of Botany* 73 (Suppl. 1): S967-S971.

Giachini, A. J. (2004). Systematics, phylogeny, and ecology of *Gomphus sensu lato*. Doctoral dissertation, Oregon State University.

Giachini, A. J., K. Hosaka, E. Nouhra, J. Spatafora & J. M. Trappe (2010). Phylogenetic relationships

of the Gomphales based on nuc-25S-rDNA, mit-12S-rDNA, and mit-atp6-DNA combined sequences. *Fungal Biology* 114: 224-234.

Giachini A. J. & M. A. Castellano (2011). A new taxonomic classification for species in *Gomphus* sensu lato. *Mycotaxon* 115: 183-201.

Giazzon, M. D. (2002). The amphibians and reptiles of Logan County, Illinois. *Transactions of the Illinois State Academy of Science* 95: 215-227.

Gibson, J. L. & Kimbrough, J. W. (1988). Ultrastructural observations on Helvellaceae (Pezizales). II Ascosporeogenesis of *Gyromitra esculenta*. *Canadian Journal of Botany* 66: 1743-1749.

Gibson, W. H. (1895). Our edible toadstools and mushrooms. New York: Harper & Brothers. 337 pp.

Gilbertson, R. L. & Burdsall, H. H. Jr. (1972). *Phellinus torulosus* in North America. *Mycologia* 64: 1258-1269.

Gilbertson, R. L., H. H. Burdsall Jr. & M. J. Larsen (1975). Notes on wood-rotting Hymenomycetes in New Mexico. *The Southwestern Naturalist* 19: 347-360.

Gilbertson, R. L. (1976). The genus *Inotus* (Aphyllphorales: Hymenochaetaceae) in Arizona. *Memoirs of the New York Botanical Garden* 28: 67-85.

Gilbertson, R. L. (1981). North American wood-rotting fungi that cause brown rots. *Mycotaxon* 12: 372-416.

Gilbertson, R. L. & Ryvarden, L. (1986). *North American Polypores*. Volume 1. Oslo: Fungiflora. 433 pp.

Gilbertson, R. L. & Ryvarden, L. (1987). *North American Polypores*. Volume 2. Oslo: Fungiflora. 450 pp.

Gilbertson, R. L. (1980). Wood-rotting fungi of North America. *Mycologia* 72: 1-49.

Gilkey, H. M. (1954). Order Tuberales. *North American Flora* 2: 1-36.

Gilkey, H. M. (1961). New species and revisions in the order Tuberales. *Mycologia* 53: 215-220.

Gilliam, M. S. (1975). New North American species of *Marasmius*. *Mycologia* 67: 817-844.

Gilliam, M. S. (1975). *Marasmius* section Chordales in the Northeastern United States and Canada. *Contributions from the University of Michigan Herbarium* 11: 25-40.

Gilliam, M. S. (1976). The genus *Marasmius* in the northeastern United States and adjacent Canada. *Mycotaxon* 4: 1-144.

Gillman, L. S. & Miller, O. K. (1977). A study of the boreal, alpine, and arctic species of *Melanoleuca*. *Mycologia* 69: 927-951.

Gilmore, M. R. (1919). Uses of plants by the Indians of the Missouri River region. *Annual Report of the Bureau of American Ethnology to the secretary of the Smithsonian Institution* 33: 1-115.

Ginns, J. H. (1975). *Merulius*: s.s. and s.l., taxonomic disposition and identification of species.

Canadian Journal of Botany 54: 100-167.

Ginns, J. (1975). *Chlorosplenium versiforme*. *Fungi Canadenses* 67: 1-2.

Ginns, J. (1985). *Hericium* in North America: Cultural characteristics and mating behavior. *Canadian Journal of Botany* 63: 1551-1563.

Ginns, J. (1986). The genus *Syzygospora* (Heterobasidiomycetes: Syzygosporaceae). *Mycologia* 78: 619-636.

Ginns, J. (1997). The taxonomy and distribution of rare or uncommon species of *Albatrellus* in western North America. *Canadian Journal of Botany* 75: 261-273.

Ginns, J. (2011). *Inonotus macrosporus* sp. nov. (Fungi: Basidiomycota: Hymenochaetales) on live *Fraxinus nigra* in Wisconsin, United States of America. *North American Fungi* 6: 1-5.

Ginns, J. (2017). *Polypores of British Columbia (Fungi: Basidiomycota)*. Province of British Columbia, Victoria, British Columbia. Technical Report 104. 260 pp.

Glick, P. G. (1979). *The mushroom trailguide*. New York: Holt, Rinehart and Winston. 247 pp.

Gminder, A. (2013). Schlüssel der rotporigen Röhrlinge. Retrieved 12 December, 2013 from the Pilze Basel website: http://http://www.pilze-basel.ch/rotporigen_roehrlinge.pdf

Gminder, A. & T. Böhning (2017). *450 champignons*. Paris: Delachaux et Niestlé. 320 pp.

Gogoi, G. & V. Parkash (2014). Some new records of stinkhorns (Phallaceae) from Hollongapar Gibbon Wildlife Sanctuary, Assam, India. *Journal of Mycology* 490847, 8 pp.

Gogoi, G. & V. Parkash (2015). *Lysurus habungianus* sp. nov. (Phallaceae)--a new stinkhorn fungus from India. *Current Research in Environmental & Applied Mycology* 5: 248-255.

Góis, J. S., R. H. S. F. Cruz, C. L. Ovrebo & I. G. Baseia (2018). *Cyathus tenuicorticalis* (Agaricales, Basidiomycota), a new species from La Selva Biological Station, Costa Rica. *Studies in Fungi* 3: 256-263.

Goldstein, D. & R. L. Gilbertson (1981). Cultural morphology and sexuality of *Inonotus arizonicus*. *Mycologia* 73: 167-180.

Goldway, M., R. Amir, D. Goldberg, Y. Hadar & D. Levanon (2000). *Morchella conica* exhibiting a long fruiting season. *Mycological Research* 104: 1000-1004.

Gonzalez, P. & LaBarere, J. (1998). Sequence and secondary structure of the mitochondrial small-subunit rRNA V4, V6, and V9 domains reveal highly species-specific variations within the genus *Agrocybe*. *Applied and Environmental Microbiology* 64: 4149-4160.

Gonzalez-Velazquez, A. & Valenzuela, R. (1995). A new species of *Boletellus* (Basidiomycotina, Agaricales: Boletaceae) from Mexico. *Mycotaxon* 55: 399-404.

Gooday, G. W. & J. Zerning (1997). *Ileodictyon cibarium*: the basket fungus as a buckyball. *Mycologist* 11: 184-186.

Goos, R. D. & Shoop, C. R. (1980). A case of mushroom poisoning caused by *Tricholomopsis*

platyphylla. *Mycologia* 72: 433-435.

Gordon, M. & C. Apple (2011). Field monitoring the seasonal variation in *Albatrellus ellisii* mycelium abundance with a species-specific genetic marker. *Mycologia* 103: 950-958.

Gordon, S. A. & Petersen, R. H. (1997). Intraspecific variation among geographically separated collections of *Marasmius androsaceus*. *Mycological Research* 101: 365-371.

Gordon, S. A. & Petersen, R. H. (1998). Intraspecific variation among geographically separated collections of *Marasmius scorodonius*. *Mycotaxon* 69: 453-466.

Gordon, S. A., D. E. Desjardin & R. H. Petersen (1994). Mating systems in *Marasmius*: Additional evidence to support sectional consistency. *Mycological Research* 98: 200-204.

Gottlieb, A. M., J. E. Wright & J.-M. Moncalvo (2002). *Inonotus* s. l. in Argentina--morphology, cultural characters and molecular analyses. *Mycological Progress* 1: 229-313.

Graham, V. O. (1944). *Mushrooms of the Great Lakes region*. Chicago: The Chicago Academy of Sciences. 390 pp.

Grand, E. A. (2004). Systematics and species concepts in the genera *Lentinus* Fr. and *Panus* Fr., with emphasis on the *Lentinus tigrinus*, *L. crinitus* and *Panus lecomtei* complexes. Doctoral dissertation, University of Tennessee.

Grand, L. F. (1970). Notes on North Carolina boletes. I. Species of *Boletellus*, *Phylloporus*, *Strobilomyces*, *Tylophilus*, and *Xanthoconium*. *Journal of the Elisha Mitchell Scientific Society* 86: 49-56.

Grand, L. F. & Smith, A. H. (1971). A previously unrecognized southern species of *Boletus*. *Mycologia* 63: 114-117.

Grand, L. F. & Smith, A. H. (1971). A new species of *Boletus*, section *Luridi*, from North Carolina. *Mycologia* 63: 884-888.

Grand, L. F. (1976). Distribution, plant associates and variation in basidiocarps of *Pisolithus tinctorius* in the United States. *Mycologia* 68: 672-678.

Grand, L. F. & Lodge, D. J. (1978). Occurrence of *Boletus piedmontensis* in North Carolina and Georgia. *Mycologia* 70: 1267-1268.

Grand, L. F. & Vernia, C. S. (2004). Biogeography and hosts of poroid wood decay fungi in North Carolina: species of *Phellinus* and *Schizophora*. *Mycotaxon* 89: 181-184.

Gray, S. F. (1821). *A Natural Arrangement of British Plants*. Volume I. London: Baldwin, Cradock & Joy. 824 pp.

Grebenc, T., M. P. Martín & H. Kraigher (2009). Ribosomal ITS diversity among the European species of the genus *Hydnum* (Hydnaceae). *Anales del Jardín Botánico de Madrid* 66S1: 121-132.

Greene, D. F., M. Hesketh & E. Pouden (2010). Emergence of morel (*Morchella*) and pixie cup (*Geopyxis carbonaria*) ascocarps in response to intensity of the forest floor combustion during a wildfire. *Mycologia* 102: 766-773.

- Gregory, D. C. (2007). Key to the species of *Clitocybe*, *Ampulloclitocybe*, and *Infundibulicybe*. Retrieved April, 2008 from the *MykoWeb* Web site: http://www.mykoweb.com/CAF/keys/Clitocybe_key.pdf
- Gregory, T. R. (2008). Understanding evolutionary trees. *Evolution: Education and Outreach* 1: 121-137.
- Greif, M. D., C. F. C. Gibas, A. Tsuneda & R. S. Currah (2007). Ascoma development and phylogeny of an apothecioid Dothideomycete, *Catinella olivacea*. *American Journal of Botany* 94: 1890-1899.
- Grilli, E. (2000). Studies on the genus *Hebeloma*. Bresadola's conception of *Hebeloma elatum* (Batsch: Fr.) Gillet. In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 231-240.
- Grove, J. W. & Hoare, S. C. (1953). The Helvellaceae of the Ottawa district. *The Canadian Field-Naturalist* 67: 96-102.
- Groves, J. T. (1964). Poisoning by morels when taken with alcohol. *Mycologia* 56: 779-780.
- Grubisha, L. C., J. M. Trappe, R. Molina & J. W. Spatafora (2001). Biology of the ectomycorrhizal genus *Rhizopogon*. V. Phylogenetic relationships in the Boletales inferred from LSU rDNA sequences. *Mycologia* 93: 82-89.
- Grubisha, L. C., N. Levens, M. S. Olson & D. L. Taylor (2012). Intercontinental divergence in the *Populus*-associated ectomycorrhizal fungus, *Tricholoma populinum*. *New Phytologist* 194: 548-560.
- Grund, D. W. & Stuntz, D. E. (1968). Nova Scotian *Inocybes*. I. *Mycologia* 60: 406-425.
- Grund, D. W. & Stuntz, D. E. (1970). Nova Scotian *Inocybes*. II. *Mycologia* 62: 925-939.
- Grund, D. W. & Stuntz, D. E. (1975). Nova Scotian *Inocybes*. III. *Mycologia* 67: 19-31.
- Grund, D. W. & Harrison, K. A. (1976). *Nova Scotian Boletes*. Germany: J. Cramer. 283 pp.
- Grund, D. W. & Stuntz, D. E. (1977). Nova Scotian *Inocybes*. IV. *Mycologia* 69: 392-408.
- Grund, D. W. & Stuntz, D. E. (1980). Nova Scotian *Inocybes*. V. *Mycologia* 72: 670-688.
- Grund, D. W. & Stuntz, D. E. (1981). Nova Scotian *Inocybes*. VI. *Mycologia* 73: 655-674.
- Grund, D. W. & Stuntz, D. E. (1983). Nova Scotian *Inocybes*. VII. *Mycologia* 75: 257-270.
- Grund, D. W. & Stuntz, D. E. (1984). Nova Scotian *Inocybes*. VIII. *Mycologia* 76: 733-740.
- Grupe II, A. C., A. D. Baker, J. K. Uehling, M. E. Smith, T. J. Baroni, D. J. Lodge & T. W. Henkel (2015). *Sarcodon* in the neotropics I: new species from Guyana, Puerto Rico and Belize. *Mycologia* 107: 591-606.
- Grupe II, A. C., A. M. Vasco-Palacios, M. E. Smith, T. E. Boekhout & T. W. Henkel (2016). *Sarcodon* in the neotropics II: four new species from Colombia and a key to regional species. *Mycologia* 108: 791-805.
- Grupe II, A. C., T. Brennenman, G. Bonito & M. E. Smith (2016). The pecan truffle (*Tuber lyonii*): A

gourmet truffle native to the southeastern United States. University of Florida IFAS Extension publication PP330.

Gube, M. (2007). The gleba development of *Langermannia gigantea* (Batsch: Pers.) Rostk. (Basidiomycetes) compared to other Lycoperdaceae, and some systematic implications. *Mycologia* 99: 396-405.

Gubitz, C. (2002). To the knowledge of the ring-less, yellowing species of *Tricholoma*, especially of a white taxon (complex of *Tricholoma argyraceum-scalpturatum*). *Zeitschrift fur Mykologie* 68: 182-198.

Guennel, G. K. (1995). *Guide to Colorado wildflowers. Volume 2: Mountains*. Englewood, Colorado: Westcliffe Publishers. 352 pp.

Guerrero, G. G. & F. G. Ocanas (2005). Estudio de la subunidad mayor del ADN ribosomal nuclear de algunas especies del genero *Cantharellus* en Mexico. *Revista Mexicana de Micologia* 20: 21-26.

Guevara, G. G., J. J. Garcia, T. J. Castillo & O. K. Miller, Jr. (1987). New records of *Lactarius* in Mexico. *Mycotaxon* 30: 157-176.

Guevara, G., G. Bonito & E. Cázares (2013). Revisión del género *Tuber* (Tuberaceae: Pezizales) de México. *Revista Mexicana de Biodiversidad*: S39-S49.

Guild, B. (1977). *The Alaskan mushroom hunter's guide*. Anchorage: Alaska Northwest Publishing Company. 286 pp.

Guinberteau, J. (2017). Sur la découverte d'un nouvel agaric amphi-atlantique de la section *Spissicaules* (Heinem.) Kerrigan: *Agaricus bellanniae* Guinb., Kerrigan & M. Kuo. *Bulletin Semestriel de la Fédération des Associations Mycologiques Méditerranéennes* 51: 7-22.

Gulden, G. (1983). Studies in *Lepista* (Fr.) W. G. Smith section *Lepista* (Basidiomycotina, Agaricales). *Sydowia* 36: 59-74.

Gulden, G. (1987). The genus *Galerina* on Svalbard. In *Arctic and Alpine Mycology II*, eds. Laursen, G. A., J. F. Ammirati & S. A. Redhead. New York: Springer US. 177-204.

Gulden, G. & H. Hallgrímsson (2000). The genera *Galerina* Earle and *Phaeogalera* Kühner (Basidiomycetes, Agaricales) in Iceland. *Acta Botanica Islandica* 13: 3-54.

Gulden, G., S. Dunham & J. Stockman (2001). DNA studies in the *Galerina marginata* complex. *Mycological Research* 105: 432-440.

Gulden, G., K. Shalchian-Tabrizi & H. Kauserud (2005). *Galerina* Earle: A polyphyletic genus in the consortium of dark-spored agarics. *Mycologia* 97: 823-837.

Gulden, G. (2010). *Galerinas* in cold climates. *North American Fungi* 5: 127-157.

Gulden, G., S. Trudell, T. Frøslev & A. Voitk (2014). Species of *Tricholoma* section *Caligatum* in Newfoundland and Labrador. *Omphalina* 5: 5-9.

Guo-ying, Z., G. Liang, L. Lin & L. He (2011). rDNA internal transcribed spacer sequence analysis of *Craterellus tubaeformis* from North America and Europe. *Canadian Journal of Microbiology* 57: 29-32.

Guzman, G. (1970). Monografía del genero *Scleroderma* Pers. emend. Fr. (Fungi - Basidiomycetes).

Darwiniana 16: 233-401.

Guzman, G. (1978). A new species of *Panaeolus* from South America. *Mycotaxon* 7: 221-224.

Guzman, G. (1980). Three new sections in the genus *Naematoloma* and a description of a new tropical species. *Mycotaxon* 12: 235-240.

Guzmán, G., R. Valenzuela & J. Castillo (1980). El genero *Spathularia* en México. *Boletín de la Sociedad Mexicana de Micología* 14: 51-59.

Guzman, G. (1981). Distribution of *Amanita nauseosa*. *Mycotaxon* 12: 522-524.

Guzman, G. (1983). *The genus Psilocybe: A systematic revision of the known species including the history, distribution and chemistry of the hallucinogenic species*. Vaduz: J. Cramer. 439 pp.

Guzmán, G. (1984). Nuevos registros de *Lysurus periphragmoides* de México. *Boletín de la Sociedad Mexicana de Micología* 19: 169-171.

Guzman, G., L. Montoya-Bello & V. M. Bandala-Munoz (1988). A new species of *Psathyrella* (Agaricales, Coprinaceae) from Mexico with discussions on the known species. *Brittonia* 40: 229-234.

Guzman, G., L. Montoya & V. M. Bandala (1990). Las especies y formas de Dictyophora (Fungi, Basidiomycetes, Phallales) en Mexico y observaciones sobre su distribucion en america latina. *Acta Botanica Mexicana* 9: 1-11.

Guzman, G. (1994). Los hongos en la medicina tradicional de Mesoamerica y de Mexico. *Revista Iberoamericana de Micología* 11: 81-85.

Guzman, G., L. Montoya, G. Mata & D. Salmenes (1994). Studies in the genus *Pleurotus*, III. The varieties of *P. ostreatus*-complex based in interbreeding strains and in the study of basidiomata obtained in culture. *Mycotaxon* 50: 365-378.

Guzman, G. & F. Tapia (1998). The known morels in Mexico, a description of a new blushing species, *Morchella rufobrunnea*, and new data on *M. guatemalensis*. *Mycologia* 90: 705-714.

Guzman, G. & Ovrebo, C. L. (2000). New observations on sclerodermataceous fungi. *Mycologia* 92: 174-179.

Guzmán, G., P. Kroegr, F. Ramírez-Guillén & R. Castillo-del-Moral (2008). *Psilocybe* (Basidiomycotina, Agaricales, Strophariaceae) in Canada, with a special review of species from British Columbia. *Mycotaxon* 106: 179-193.

Guzmán, G., A. Cortés-Pérez, L. Guzmán-Dávalos, F. Ramírez-Guillén & M. del R. Sánchez-Jácome (2013). An emendation of *Scleroderma*, new records, and review of the known species in Mexico. *Revista Mexicana de Biodiversidad* 84: S173-S191.

Guzmán-Dávalos, L. & G. Guzmán (1986). *Hongos del estado de Jalisco, VII. El genero Gymnopilus (Cortinariaceae)*. *Revista Mexicana de Micología* 2: 157-185.

Guzmán-Dávalos, L. & G. Guzmán (1988). *Primer registro de Ripartitella brasiliensis (Fungi, Agaricales) en México*. *Acta Botánica Mexicana* 4: 9-13.

Guzmán-Dávalos, L. & G. Guzmán (1991). Additions to the genus *Gymnopilus* (Agaricales,

Cortinariaceae) from Mexico. *Mycotaxon* 41: 43-56.

Guzmán-Dávalos, L. (1994). New species of *Gymnopilus* (Agaricales, Cortinariaceae) from Mexico. *Mycotaxon* 50: 333-348.

Guzmán-Dávalos, L. & G. Guzmán (1995). Toward a monograph of the genus *Gymnopilus* (Cortinariaceae) in Mexico. *Documents Mycologiques* 25: 197-212.

Guzmán-Dávalos, L. (1995). Further investigations on *Gymnopilus* (Agaricales, Cortinariaceae). A new section and a new species from Mexico. *Mycotaxon* 54: 117-124.

Guzmán-Dávalos, L. (1996). Primer registro de *Gymnopilus* (Agaricales, Cortinariaceae) de Guatemala y un análisis de las especies centroamericanas y del Caribe. *Revista Mexicana de Micología* 12: 89-96.

Guzmán-Dávalos, L. (1996). New records of the genus *Gymnopilus* (Agaricales, Cortinariaceae) from Mexico. *Mycotaxon* 59: 61-78.

Guzmán-Dávalos, L. & Ovrebo, C. L. (2001). Some species of *Gymnopilus* from Costa Rica and Panama. *Mycologia* 93: 398-404.

Guzmán-Dávalos, L., G. M. Mueller, J. Cifuentes, A. N. Miller & A. Santerre (2003). Traditional infrageneric classification of *Gymnopilus* is not supported by ribosomal DNA sequence data. *Mycologia* 95*: 1204-1214.

Gyurko, P. (1978). Physiological investigations of ectomycorrhizal fungi. *Mushroom Science X (1). Proceedings of the Tenth International Congress on the Science and Cultivation of Edible Fungi*. 919-925.

Häffner, J. (1993). Die Gattung *Aleuria*. *Rheinland-Pfälzisches Pilzjournal* 3: 6-59.

Hahn, C. & R. Agerer (1999). Studien zum *Paxillus involutus* Formenkreis. *Nova Hedwigia* 69: 241-310.

Hahn, C. & R. Agerer (1999). Studien zur Systematik der Paxillaceae (Boletales, Basidiomycota). *Sendtnera* 6: 115-133.

Hahn, C., G. Friebe & I. Krisai-Greilhuber (2018). *Sarcodon fennicus*, a boreo-montane stipitate hydroid fungus with a remarkable smell. *Österreichische Zeitschrift für Pilzkunde* 27: 43-52.

Haight, J. -E., K. K. Nakasone, G. A. Laursen, S. A. Redhead, D. L. Taylor & J. A. Glaeser (2019). *Fomitopsis mounceae* and *F. schrenkii*—two new species from North America in the *F. pinicola* complex. *Mycologia* 111: 339-357.

Halama, M. (2009). *Volvariella caesiotincta* P. D. Orton, a new species in the mycobiota of Poland. *Acta Mycologica* 44: 43-48.

Halbwachs, H., B. T. M. Dentinger, A. P. Detheridge, P. Karasch & G. W. Griffith (2013). Hyphae of waxcap fungi colonise plant roots. *Fungal Biology* 6: 487-492.

Hale, M. E. (1969). *How to know the lichens*. Dubuque, IA: Wm. C. Brown. 226 pp.

Hall, D. & D. E. Stuntz (1971). Pileate Hydnaceae of the Puget Sound area. I. White-spored genera:

- Auriscalpium*, *Hericium*, *Dentinum* and *Phellodon*. *Mycologia* 63: 1099-1128.
- Hall, D. & D. E. Stuntz (1972a). Pileate Hydnaceae of the Puget Sound area. II. Brown-spored genera: *Hydnum*. *Mycologia* 64: 15-37.
- Hall, D. & D. E. Stuntz (1972b). Pileate Hydnaceae of the Puget Sound area. III. Brown-spored genera: *Hydnellum*. *Mycologia* 64: 560-590.
- Hallen, H., R. Watling & G. Adams (2003). Taxonomy and toxicity of *Conocybe lactea* and related species. *Mycological Research* 107: 969-979.
- Hallen, H.E., H. Luo, J. S. Scott-Craig & J. D. Walton (2007). Gene family encoding the major toxins of lethal *Amanita* mushrooms. *Proceedings of the National Academy of Science* 104: 19097-19101.
- Halling, R. E. (1977). California boletes VI. Some unreported species from the Sierra Nevada of California. *Mycologia* 69: 206-211.
- Halling, R. E. (1979). Notes on *Collybia*. I. *Collybia alkalivirens*. *Mycotaxon* 8: 453-458.
- Halling, R. E. (1981). Notes on *Collybia*. II. Additional taxa that are green in alkaline solution. *Mycologia* 73: 634-642.
- Halling, R. E. (1983). *The genus Collybia (Agaricales) in the northeastern United States and adjacent Canada*. Germany: J. Cramer. 148 pp.
- Halling, R. E. (1983). Boletes described by Charles C. Frost. *Mycologia* 75: 70-92.
- Halling, R. E. (1983). A synopsis of *Marasmius* Section *Globulares* (Tricholomataceae) in the United States. *Brittonia* 35: 317-326.
- Halling, R. E. & T. J. Baroni (1985). *Rhodocybe pulchrisperma* (Entolomataceae): A new species from North America. *Brittonia* 37: 182-185.
- Halling, R. E. (1989). Notes on *Collybia* III. Three neotropical species of Subg. *Rhodocollybia*. *Mycologia* 81: 870-875.
- Halling, R. E. (1996). Notes on *Collybia* V. *Gymnopus* section *Levipedes* in tropical South America, with comments on *Collybia*. *Brittonia* 48: 487-494.
- Halling, R. E. & E. E. Both (1998). Generic affinity of *Boletus separans*. *Bulletin of the Buffalo Society of Natural Sciences* 36: 239-243.
- 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.
- Halling, R. E. & Mueller, G. M. (1999). New boletes from Costa Rica. *Mycologia* 91: 893-899.
- Halling, R. E., G. M. Mueller & M. J. Dallwitz (1999). A new *Phylloporus* (Basidiomycetes, Boletaceae) with a key to species in Colombia and Costa Rica. *Mycotaxon* 73: 63-67.
- Halling, R. E. (2001). Ectomycorrhizae: Co-evolution, significance, and biogeography. *Annals of the Missouri Botanical Garden* 88: 5-13.

- Halling, R. E. & G. M. Mueller (2001). *Tylopilus bulbosus* sp. nov. from Costa Rica. *Harvard Papers in Botany* 6: 109-112.
- Halling, R. E. & G. M. Mueller (2003). *Leccinum* (Boletaceae) in Costa Rica. *Mycologia* 95: 488-499.
- Halling, R. E., M. Mata & G. M. Mueller (2004). Three new boletes for Costa Rica. In *Fungi and Forest Ecosystems: Systematics, Diversity, and Ecology.*, ed. C. Cripps. New York: The New York Botanical Garden. 141-147.
- Halling, R. E. & M. Mata (2004). *Boletus flavoruber*: Un nouveau bolet du Costa Rica. *Bull. Soc. Mycol. Fr.* 120: 257-262.
- Halling, R. E. & G. M. Mueller (2005). *Common Mushrooms of the Talamanca Mountains, Costa Rica. Memoirs of the New York Botanical Garden* 90: 1-197.
- Halling, R. E., T. J. Baroni & M. Binder (2007). A new genus of Boletaceae from eastern North America. *Mycologia* 99: 310-316.
- Halling, R. E., T. W. Osmundson & M. A. Neves (2008). Pacific boletes: implications for biogeographic relationships. *Mycological Research* 112: 437-447.
- Halling, R. E. (2012). Boletes - Boletaceae s. l. Retrieved December 2012 from the New York Botanical Garden website: <http://sweetgum.nybg.org/boletineae/index.php>
- 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 eximus*. *Mycologia* 104: 951-961.
- Halling, R. E., M. Nuhn, T. Osmundson, N. 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.
- 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.
- 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: 1-22.
- Hallock, R. M. (2019). *A Mushroom Word Guide: Etymology, Pronunciation & Meanings of over 1500 Words*. Middleton, DE: Published by the author. 152 pp.
- Han, L. H., B. Feng, G. Wu, R. E. Halling, B. Buyck, N. S. Yorou, S. T. N. Ebika & Z. L. Yang (2017). African origin and global distribution patterns: Evidence inferred from phylogenetic and biogeographical analyses of ectomycorrhizal fungal genus *Strobilomyces*. *Journal of Biogeography* 45: 201-212.
- 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 an emphasis on the Asian species. *Persoonia* 44: 113-139.
- Han, M. -L., Y. -Y. Chen, L. -L. Shen, J. Song, J. Vlasák, Y. -C. Dai & B. -K. Cui (2016). Taxonomy

- and phylogeny of the brown-rot fungi: *Fomitopsis* and its related genera. *Fungal Diversity* 80: 343-373.
- Hanna, J. W., N. B. Klopfenstein, M. -S. Kim, G. I. McDonald & J. A. Moore (2007). Phylogeographic patterns of *Armillaria ostoyae* in the western United States. *Forest Pathology* 37: 192-216.
- Hansen, K., T. Læssøe & D. H. Pfister (2001). Phylogenetics of the Pezizaceae, with an emphasis on *Peziza*. *Mycologia* 93: 958-990.
- Hansen, K. & D. H. Pfister (2006). Systematics of Pezizomycetes--the operculate discomycetes. *Mycologia* 98: 1029-1040.
- Hansen, K., N. S. Weber & S. Landvik (2008). Phylogenetic relationships and distribution of *Karstenella* (Pezizomycetes). *Karstenia* 48: 13-19.
- Hansen, K. & I. Olariaga (2015). Species limits and relationships within *Otidea* inferred from multiple gene phylogenies. *Persoonia* 35: 148-165.
- Hansen, L. & Knudsen, H., eds. (1992). *Nordic Macromycetes Vol. 2: Polyporales, Boletales, Agaricales, Russulales*. Copenhagen: Nordsvamp. 474 pp.
- Hapuarachchi, K. K., T. C. Wen, C. Y. Deng, J. C. Kang & K. D. Hyde (2015). Taxonomic confusion in the *Ganoderma lucidum* species complex. *Mycosphere* 6: 542-559.
- Harbin, M., & Volk, T. J. (1999). The relationship of *Morchella* with plant roots. Abstract #1601: XVI International Botanical Congress, St. Louis, Missouri, USA. p. 59.
- Harder, C. B., T. Læssøe, T. G. Frøslev, F. Ekelund, S. Rosendahl & R. Kjøller (2013). A three-gene phylogeny of the *Mycena pura* complex reveals 11 phylogenetic species and shows ITS to be unreliable for species identification. *Fungal Biology* 117: 764-775.
- Harlow, W. M. (1946/1954). *Fruit key and twig key to trees and shrubs*. New York: Dover. 56 pp.
- Harmaja, H. (1969). A wider and more natural concept of the genus *Gyromitra* Fr. *Karstenia* 9: 9-12.
- Harmaja, H. (1969). A neglected species, *Gyromitra ambigua* (Karst.) Harmaja, n. comb., and *G. infula* s. str. in Fennoscandia. *Karstenia* 9: 13-19.
- Harmaja, H. (1969). The genus *Clitocybe* (Agaricales) in Fennoscandia. *Karstenia* 10: 5-168.
- Harmaja, H. (1970). Type studies on Agaricales described as *Clitocybe* and *Omphalina*. *Karstenia* 11: 35-40. .
- Harmaja, H. (1973). Amendments of the limits of the genera *Gyromitra* and *Pseudorhizina*, with the description of a new species, *Gyromitra montana*. *Karstenia* 13: 48-58.
- Harmaja, H. (1974). Notes on the genus *Helvella*, including the merging of the genus *Wynnella*. *Karstenia* 14: 102-104.
- Harmaja, H. (1974). Two new families of the Pezizales: Karstenellaceae and Pseudorhizinaceae. *Karstenia* 14: 109-112.
- Harmaja, H. (1974). *Singerella* n. gen., a separate genus for *Clitocybe hydrogramma*. *Karstenia* 14:

113-115.

Harmaja, H. (1974). *Tarzetta pusilla* n. sp. and *T. spurcata* (Pers.) n. comb. from Finland. *Karstenia* 14: 116-120.

Harmaja, H. (1974). Notes on two agarics described in North America: 1. *Rhodocybe smithii* nom. nov., a new name for *Clitocybe piperata* A. H. Smith. 2. *Cystoderma adnatifolium* (Peck) n. comb., a species new for Europe. *Karstenia* 14: 121-122.

Harmaja, H. (1974). *Pseudoclitocybe atra* (Vel.) n. comb. *Karstenia* 14: 126-128.

Harmaja, H. (1974). Three new taxa of *Lepista*: *L. fasciculata* n. sp., *L. singeri* n. sp., and *Lepista* subgenus *Laevispora* n. subg. *Karstenia* 14: 129-132.

Harmaja, H. (1974). The generic limit between *Otidea* and *Tarzetta* (*Pustularia* auct.). *Karstenia* 14: 138-142.

Harmaja, H. (1976). A further revision of the generic limit between *Lepista* and *Clitocybe*. *Karstenia* 15: 13-15.

Harmaja, H. (1976). Type studies in *Clitocybe*. 2. *Karstenia* 15: 16-18.

Harmaja, H. (1976). New species and combinations in the genera *Gyromitra*, *Helvella*, and *Otidea*. *Karstenia* 15: 29-32.

Harmaja, H. (1978). New species and new combinations in the pale-spored Agaricales. *Karstenia* 18: 29-30.

Harmaja, H. (1979). Type studies in *Clitocybe*. 3. *Karstenia* 19: 22-24.

Harmaja, H. (1979). Studies in the genus *Cystoderma*. *Karstenia* 19: 25-29.

Harmaja, H. (1979). Type studies in *Clitocybe* 4. *Karstenia* 19: 50-51.

Harmaja, H. (2002). *Amylolepiota*, *Clavicybe* and *Cystodermella*, new genera of the Agaricales. *Karstenia* 42: 39-48.

Harmaja, H. (2003). Notes on *Clitocybe* s. lato (Agaricales). *Annales Botanici Fennici* 40: 213-218.

Harmaja, H. (2009). Studies in *Otidea* (Pezizales). *Karstenia* 48: 33-48.

Harmaja, H. (2010). A new combination in *Leucopholiota* (Agaricales, Fungi). *Phytotaxa* 3: 59-60.

Harrington, F. A. (1990). *Sarcoscypha* in North America (Pezizales, Sarcoscyphaceae). *Mycotaxon* 38: 417-458.

Harrington, F. A. (1998). Relationships among *Sarcoscypha* species: Evidence from molecular and morphological characters. *Mycologia* 90: 235-243.

Harrington, F. A., D. H. Pfister, D. Potter & M. J. Donoghue (1999). Phylogenetic studies within the Pezizales. I. 18S rRNA sequence data and classification. *Mycologia* 91: 41-50.

Harrison, K. A. (1973). The genus *Hericium* in North America. *The Michigan Botanist* 12:177-194.

- Harrison, K. A. & Grund, D. W. (1977). Nova Scotian fleshy fungi: A new albino variant of *Hypomyces lactifluorum* (Schw. Ex Fr.) Tulasne. *Proceedings of the Nova Scotian Institute of Science* 28: 87-91.
- Harrison, K. A. & D. W. Grund (1984a). A new stipitate *Hydnum* of Nova Scotia. *Mycotaxon* 20: 95-99.
- Harrison, K. A. (1984b). *Creolophus* in North America. *Mycologia* 76: 1121-1123.
- Harrison, K. A. & D. W. Grund (1987). Preliminary keys to the terrestrial stipitate hydnums of North America. *Mycotaxon* 28: 419-426.
- Harrison, K. A. & D. W. Grund (1987). Differences in European and North American stipitate hydnums. *Mycotaxon* 28: 427-435.
- Hausknecht, A., I. Krisai-Greilhuber & H. Voglmayr (2004). Type studies in North American species of Bolbitiaceae belonging to the genera *Conocybe* and *Pholiotina*. *Österreichische Zeitschrift für Pilzkunde* 13: 153-235.
- Hausknecht, A. & I. Krisai-Greilhuber (2006). Infrageneric division of the genus *Conocybe*--a classical approach. *Österreichische Zeitschrift für Pilzkunde* 15: 187-212.
- Hausknecht, A. & I. Krisai-Greilhuber (2007). Infrageneric division of the genus *Pholiotina*--a classical approach. *Österreichische Zeitschrift für Pilzkunde* 16: 133-145.
- Havens, K., C. L. Jolls, J. E. Marik, P. Vitt, A. K. McEachern & D. Kind (2012). Effects of a non-native biocontrol weevil, *Larinus planus*, and other emerging threats on populations of the federally threatened Pitcher's thistle, *Cirsium pitcheri*. *Biological Conservation* 155: 202-211.
- Hawkeswood, T. J. (2019). A record of the stinkhorn fungus, *Phallus cinnabarinus* (W.S. Lee) Kreisel (1996) (Basidiomycota: Phallaceae) from Arcadia, New South Wales, Australia. *Calodema* 708: 1-3.
- Hawkeswood, T. J. & B. Sommung (2019). First record of the stinkhorn fungus, *Phallus cinnabarinus* (W.S. Lee) Kreisel (1996) (Basidiomycota: Phallaceae) from Thailand. *Calodema* 711: 1-3.
- Hawksworth, D. L. (2011). A new dawn for the naming of fungi: impacts of decisions made in Melbourne in July 2011 on the future publication and regulation of fungal names. *MycosKeys* 1: 7-20.
- Hawksworth, D. L., T. W. May & S. A. Redhead (2017). Fungal nomenclature evolving: changes adopted by the 19th international Botanical Congress in Shenzhen 2017, and procedures for the Fungal Nomenclature Session at the 11th International Mycological Congress in Puerto Rico 2018. *IMA Fungus* 8: 211-218. doi: 10.5598/imafungus.2017.08.02.01
- Hayward, D. & H. D. Thiers (1984). *Gyrodon lividus* in California. *Mycologia* 76: 573-575.
- Házi, J., L. G. Nagy, C. Vágcsölgyi & T. Papp (2010). *Coprinellus radicellus*, a new species with northern distribution. *Mycological Progress* 10; 363-371.
- He, M. -Q. and 79 coauthors (2019). Notes, outline and divergence times of Basidiomycota. *Fungal Diversity* DOI: 10.1007/s13225-019-00435-4
- Healy, R., D. H. Pfister, A. Y. Rossman, L. Marvanová & K. Hansen (2016). Competing sexual- asexual generic names of *Pezizomycetes* and recommendations for use. *IMA Fungus* 7: 285-288.

Hedh, J., T. Johansson & A. Tunlid (2009). Variation in host specificity and gene content in strains from genetically isolated lineages of the ectomycorrhizal fungus *Paxillus involutus* s. lat. *Mycorrhiza* 19: 549-558.

Heil, K. D., S. L. O'Kane, Jr., L. M. Reeves & A. Clifford (2013). *Flora of the Four Corners region: Vascular plants of the San Juan River drainage, Arizona, Colorado, New Mexico, and Utah*. St. Louis: Missouri Botanical Garden Press. 1098 pp.

Heilmann-Clausen, J., A. Verbeken & J. Vesterholt. (1998/2000). The genus *Lactarius*. (*Fungi of Northern Europe, Vol. 2*). Denmark: The Danish Mycological Society. 287 pp.

Heilmann-Clausen, J., M. Christensen, T. G. Frøslev & R. Kjølner (2017). Taxonomy of *Tricholoma* in northern Europe based on ITS sequence data and morphological characters. *Persoonia* 38: 38-57.

Heinemann, P. & J. Rammeloo (1983). Combinaisons et taxons nouveaux de *Gyrodontaceae* (*Boletinae*). *Bulletin du Jardin Botanique National de Belgique* 53: 294-297.

Heluta, V. P. (2001). *Gyromitra slonevskii* Heluta: A new Discomycete from Ukraine. *Ukrayins'ki Botanichny Zhurnal* 58: 83-85.

Heluta, V. P., B. Assyov & V. P. Hayova (2019). Distribution and preliminary assessment of a rare fungus *Hemileccinum depilatum* (Boletales, Basidiomycota) in Ukraine. *Ukrainian Botanical Journal* 76: 427-433.

Hemmes, D. E. & D. E. Desjardin (2002). *Mushrooms of Hawai'i*. Berkeley, CA: Ten Speed Press. 212 pp.

Hemmes, D. E. & D. E. Desjardin (2009). Stinkhorns of the Hawaiian islands. *Fungi* 2: 8-10.

Henkel, T. W., M. C. Aime, H. Mehl & S. L. Miller (2006). *Cantharellus pleurotoides*, a new and unusual basidiomycete from Guyana. *Mycological Research* 110: 1409-1412.

Henkel, T. W., M. C. Aime & H. K. Mehl (2009). *Craterellus excelsus* sp. nov. from Guyana. *Mycotaxon* 107: 201-208.

Henkel, T. W., A. W. Wilson, M. C. Aime, J. Dierks, J. K. Uehling, M. Roy, H. Schimann, F. Wartchow & G. M. Mueller (2014). Cantharellaceae of Guyana II: New species of *Craterellus*, new South American distribution records for *Cantharellus guyanensis* and *Craterellus excelsus*, and a key to the Neotropical taxa. *Mycologia* 106: 307-324.

Henkel, T. W., K. Obase, D. Husbands, J. K. Uehling, G. Bonito, M. C. Aime & M. E. Smith (2016). New Boletaceae taxa from Guyana: *Binderoboletus segoi* gen. and sp. nov., *Guyanoporus albipodus* gen. and sp. nov., *Singerocomus rubriflavus* gen. and sp. nov., and a new combination for *Xerocomus inundabilis*. *Mycologia* 108: 157-173.

Henrici, A. (2008). Keys to *Naucoria* in Britain. *Field Mycology* 9: 55-62.

Henry, L. K. (1949). A review of the Elvellaceae (Fungi) of western Pennsylvania. *Annals of the Carnegie Museum* 31: 281-289.

Hernández Caffot, M. L., K. Hosaka, L. S. Domínguez & C. Urcelay (2018). Molecular and

morphological data validate the new combination of *Lysurus sphaerocephalum* from Argentina, with some additional records on Phallales (Agaricomycetes). *Mycologia* 110: 419-433.

Herrera, M. V. M. Bandala & L. Montoya (2018). *Cantharellus violaceovinosus*, a new species from tropical *Quercus* forests in eastern Mexico. *MycKeys* 32: 91-109.

Hervey, A., G. Bistis & I. Leong (1978). Cultural studies of single ascospore isolates of *Morchella esculenta*. *Mycologia* 70: 1269-1274.

Hesler, L. R. (1960). *Mushrooms of the Great Smokies: A field guide to some mushrooms and their relatives*. Knoxville: U Tennessee P. 289 pp.

Hesler, L. R. (1960). A study of *Russula* types. *Memoirs of the Torrey Botanical Club* 21. 59 p.

Hesler, L. R. & A. H. Smith (1960). Studies on *Lactarius* - II the North American species of sections *Scrobiculus*, *Crocei*, *Theiogali* and *Vellus*. *Brittonia* 12: 306-350.

Hesler, L. R. (1961). A study of Julius Schaeffer's russulas. *Lloydia* 24: 182-198.

Hesler, L. R. (1961). A study of *Russula* types, II. *Mycologia* 53: 605-625.

Hesler, L. R. (1963). A study of *Rhodophyllus* types. *Brittonia* 15: 324-366.

Hesler, L. R. and Smith, A. H. (1963). *North American Species of Hygrophorus*. Knoxville: U Tennessee P. 416 pp.

Hesler, L. R. & Smith, A. H. (1965). *North American species of Crepidotus*. New York: Hafner. 187 pp.

Hesler, L. R. (1967). *Entoloma in southeastern North America*. Germany: Cramer. 245 pp.

Hesler, L. R. (1969). *North American species of Gymnopilus*. New York: Hafner. 117 pp.

Hesler, L. R. (1974). Name corrections in *Entoloma*. *Mycologia* 66: 715-717.

Hesler, L. R. and Smith, A. H. (1979). *North American species of Lactarius*. Ann Arbor: U of Michigan P. 841 pp.

Hibbett, D. S. & Donoghue, M. J. (1994). Progress toward a phylogenetic classification of the Polyporaceae through parsimony analysis of mitochondrial ribosomal DNA sequences. *Canadian Journal of Botany* 73: S853-S861.

Hibbett, D. S., D. Grimaldi & M. J. Donoghue (1997). Fossil mushrooms from Miocene and Cretaceous ambers and the evolution of Homobasidiomycetes. *American Journal of Botany* 84: 981-991.

Hibbett, D. S., E. M. Pine, E. Langer, G. Langer & M. J. Donoghue (1997). Evolution of gilled mushrooms and puffballs inferred from ribosomal DNA sequences. *Proceedings of the National Academy of Sciences* 94: 12002-12006.

Hibbett, D. S. & M. J. Donoghue (1998). Integrating phylogenetic analysis and classification in fungi. *Mycologia* 90: 347-356.

Hibbett, D. S. & M. Binder (2002). Evolution of complex fruiting-body morphologies in homobasidiomycetes. *Proceedings of the Royal Society of London B* 269: 1963-1969.

Hibbett, D. S., M. Binder, Z. Wang & Y. Goldman (2003). Another fossil agaric from Dominican amber. *Mycologia* 95: 685-687.

Hibbett, D. S. (2006). A phylogenetic overview of the Agaricomycotina. *Mycologia* 98: 917-925.

Hibbett, D. S., M. Binder, J. F. Bischoff, M. Blackwell, P. F. Cannon, O. E. Eriksson, S. Huhndorf, T. James, P. M. Kirk, R. Lücking, H. T. Lumbsch, F. Lutzoni, P. B. Matheny, D. J. McLaughlin, M. J. Powell, S. Redhead, C. L. Schoch, J. W. Spatafora, J. A. Stalpers, R. Vilgalys, C. M. Aime, A. Aptroot, R. Bauer, D. Begerow, G. L. Benny, L. A. Castlebury, P. W. Crous, Y. C. Dai, W. Gams, D. M. Geiser, G. W. Griffith, C. Gueidan, D. L. Hawksworth, G. Hestmark, K. Hosaka, R. A. Humber, K. D. Hyde, J. E. Ironside, U. Koljalg, C. P. Kurtzman, K. H. Larsson, R. Lichtwardt, J. Longcore, J. Miadlikowska, A. Miller, J. M. Moncalvo, S. Mozley-Standridge, F. Oberwinkler, E. Parasto, V. Reeb, J. D. Rogers, C. Roux, L. Ryvarden, J. P. Sampaio, A. Schussler, J. Sugiyama, R. G. Thorn, L. Tibell, W. A. Untereiner, C. Walker, Z. Wang, A. Weir, M. Weiss, M. M. White, K. Winka, Y. J. Yao & N. Zhang (2007). A higher-level phylogenetic classification for the *Fungi*. *Mycological Research* 111: 509-547.

Hibbett, D. S., R. Bauer, M. Binder, A. J. Giachini, K. Hosaka, A. Justo, E. Larsson, K. H. Larsson, J. D. Lawrey, O. Miettinen, L. G. Nagy, R. H. Nilsson, M. Weiss & R. G. Thorn (2014). Agaricomycetes. In McLaughlin, D. J. & J. W. Spatafora, eds. *Systematics and Evolution, 2nd. Edition. The Mycota VII Part A*. Berlin: Springer-Verlag. 373-428.

Hills, A. E. (2008). The genus *Xerocomus*: A personal view, with a key to the British species. *Field Mycology* 9: 77-96.

Hobbie, E. A., N. S. Weber & J. M. Trappe (2001). Mycorrhizal vs. saprotrophic status of fungi: the isotopic evidence. *New Phytologist* 150:601-610.

Hobbie, E. A., S. F. Rice, N. S. Weber & J. E. Smith (2016). Isotopic evidence indicates saprotrophy in post-fire *Morchella* in Oregon and Alaska. *Mycologia* 108: 638-645.

Hobbie, E. A., B. A. Schubert, J. M. Craine, E. Linder & A. Pringle (2017). Increased C3 productivity in Midwestern lawns since 1982 revealed by carbon isotopes in *Amanita thiersii*. *Journal of Geophysical Research: Biogeosciences* 122: 280-288.

Hofmann, J. E. (2013). *Field manual of Illinois mammals*. Champaign, IL: Illinois Natural History Survey. 358 pp.

Hofstetter, V., S. A. Redhead, F. Kauff, J. -M. Moncalvo, P. B. Matheny & R. Vilgalys (2014). Taxonomic revision and examination of ecological transitions of the Lyophyllaceae (Basidiomycota, Agaricales) based on a multigene phylogeny. *Cryptogamie, Mycologie* 35: 399-425.

Hoiland, K. (1990). The genus *Gymnopilus* in Norway. *Mycotaxon* 39: 257-279.

Hoiland, K. & A. Holst-Jensen (2000). *Cortinarius* phylogeny and possible taxonomic implications of ITS rDNA sequences. *Mycologia* 92: 694-710.

Holec, J. (1998). The taxonomy of *Pholiota aurivella* and *Pholiota adiposa*—a return to Batsch and Fries. *Czech Mycology* 50: 201-222.

Holm, L. (1995). Elias Fries—Mycologist. *Mycologist* 9: 62-66.

- Holst-Jensen, A., L. M. Kohn & T. Schumacher (1997). Nuclear rDNA phylogeny of the Sclerotiniaceae. *Mycologia* 89: 885-899.
- Homola, R. L. (1972). Section *Celluloderma* of the genus *Pluteus* in North America. *Mycologia* 64: 1211-1247.
- Homola, R. L. (1975). A new *Russula* of the subsection *Nigricantes* from northeastern North America. *Mycologia* 67: 428-434.
- Homrich, M. H. & J. E. Wright (1973). South American Gasteromycetes. The genera *Gastropodia*, *Lanopila* and *Mycenastrum*. *Mycologia* 65: 779-794.
- Honan, A. H., D. E. Desjardin, B. A. Perry, E. Horak & T. J. Baroni (2015). Towards a better understanding of *Tetrapyrgos* (Basidiomycota, Agaricales): a new species, type studies, and phylogenetic inferences. *Phytotaxa* 231: 101-132.
- Hong, S. G. & H. S. Jung (2004) Phylogenetic analysis of *Ganoderma* based on nearly complete mitochondrial small-subunit ribosomal DNA sequences. *Mycologia* 96: 742-755.
- Hongo, T. (1974). Notes on Japanese larger fungi (21). *Journal of Japanese Botany* 49: 294-305.
- Hopple, J. S. & Vilgalys, R. (1994). Phylogenetic relationships among coprinoid taxa and allies based on data from restriction site mapping of nuclear DNA. *Mycologia* 86: 96-107.
- Hopple, J. S. & Vilgalys, R. (1999). Phylogenetic relationships in the mushroom genus *Coprinus* and dark-spored allies based on sequence data from the nuclear gene coding for large ribosomal subunit RNA: Divergent domains, outgroups, and monophyly. *Molecular Phylogenetics and Evolution* 13: 1-19.
- Horak, E. (1976). On cuboid-spored species of *Entoloma* (Agaricales). *Sydowia* 28: 171-236.
- Horak, E. (1986). *Tetrapyrgos* Horak (nom. et gen. nov.) replacing *Pterospora* Metrod (1949; nom. preocc.). *Sydowia* 39: 101-103.
- Horak, E. (1993). Distribution and ecology of Arctic-alpine species of *Galerina* and *Phaeogalera* in the northern and southern hemisphere. *Sydowia* 44: 346-376.
- Horak, E., D. E. Desjardin & D. E. Hemmes (1996). Agaricales of the Hawaiian Islands. 3: The genus *Galerina* and selected other brown-spored agarics. *Mycologia* 88: 278-294.
- Horak, E. & O. K. Miller, Jr. (1997). A new species of *Simocybe* from North America. *Mycotaxon* 62: 225-229.
- Horak, E. & O. K. Miller, Jr. (2011). *Phaeogalera* and *Galerina* in arctic-subarctic Alaska (U. S. A.) and the Yukon Territory (Canada). *Canadian Journal of Botany* 70: 414-433.
- Horak, E., P. B. Matheny, D. E. Desjardin & K. Soyong (2015). The genus *Inocybe* (Inocybaceae, Agaricales, Basidiomycota) in Thailand and Malaysia. *Phytotaxa* 230: 201-238.
- Horn, B., Kay, R. & Abel, D. (1993). *A Guide to Kansas Mushrooms*. Lawrence: University Press of Kansas. 297 pp.

- Horn, D. J. (2012). *Moths of Ohio field guide*. Ohio Division of Wildlife publication 5467. Retrieved July 26, 2017 from <http://www.wildlife.ohiodnr.gov>
- Horton, T. R., T. D. Bruns & V. T. Parker (1999). Ectomycorrhizal fungi associated with *Arctostaphylos* contribute to *Pseudotsuga menziesii* establishment. *Canadian Journal of Botany* 77: 93-102.
- Horton, T. R. & Bruns, T. D. (2001). The molecular revolution in ectomycorrhizal ecology: Peeking into the black-box. *Molecular Ecology* 10: 1855-1871.
- Horton, T. R. (2002). Molecular approaches to ectomycorrhizal diversity studies: variation in ITS at a local scale. *Plant and Soil* 244: 29-39.
- Hosaka, K., S. T. Bates, R. E. Beever, M. A. Castellano, W. Colgan III, L. S. Dominguez, E. R. Nouhra, J. Geml, A. J. Giachini, S. R. Kenney, N. B. Simpson, J. W. Spatafora & J. M. Trappe (2006). Molecular phylogenetics of the gomphoid-phalloid fungi with an establishment of the new subclass Phallomycetidae and two new orders. *Mycologia* 98: 949-959.
- Hosaka, K. (2010). Preliminary list of Phallales (Phallomycetidae, Basidiomycota) in Taiwan. *Memoirs of the National Museum of Nature and Science*, Tokyo 46: 57-64.
- Hosaka, K. (2012). Preliminary list of Phallales (Phallomycetidae, Basidiomycota) in Thailand. *Memoirs of the National Museum of Nature and Science*, Tokyo 48: 81-89.
- Hosen, M. I., B. Feng, G. Wu, X. T. Zhu, Y. C. Li & Z. L. Yang (2013). *Boforutus*, a new genus of Boletaceae from tropical Asia: phylogeny, morphology and taxonomy. *Fungal Diversity* 58: 215-226.
- Hosen, M. I., T. -H. Li, D. J. Lodge & A. Rockefeller (2016). The first ITS phylogeny of the genus *Cantharocybe* (Agaricales, Hygrophoraceae) with a new record of *C. virosa* from Bangladesh. *MycKeys* 14: 37-50.
- Hosford, D., Pilz, D., Molina, R. & Amaranthus, M. (1997). *Ecology and management of the commercially harvested American matsutake mushroom*. Portland, Oregon: USDA General Technical Report. 68 pp.
- Hosoya, T., R. Sasagawa, K. Hosaka, S. Gi-Ho, Y. Hirayama, K. Yamaguchi, K. Toyama & M. Kakishima (2010). Molecular phylogenetic studies of *Lachnum* and its allies based on the Japanese material. *Mycoscience* 51: 170-181.
- Hotson, J. W. & D. E. Stuntz (1938). The genus *Agaricus* in western Washington. *Mycologia* 30: 204-234.
- Hoverman, J., Z. Olson, S. LaGrange, J. Grant & R. Williams (n.d.). *A guide to larval amphibian identification in the field and laboratory*. Purdue Extension FNR-496. 21 pp.
- Hsiang, T. & X. L. Tian (2007). Sporulation and identity of tar spot of maple in Canada. *Acta Silvatica et Lignaria Hungarica*, special edition: 71-74.
- Hudler, G. W., S. Jensen-Tracy & M. T. Banik (1998). *Rhytisma americanum* sp. nov.: a previously undescribed species of *Rhytisma* on maples (*Acer* spp.). *Mycotaxon* 68: 405-416.
- Huelskenbeck, J. P. & Rannala, B. (1997). Phylogenetic methods come of age: Testing hypotheses in an evolutionary context. *Science* 276: 227-231.

- Huffman, D. M., L. H. Tiffany, & G. Knaphus (1989). *Mushrooms & other fungi of the midcontinental United States*. Iowa State UP. 326 pp.
- Huffman, D. M., L. H. Tiffany, G. Knaphus & R. A. Healy (2008). *Mushrooms and other fungi of the midcontinental United States*. Second edition. Iowa City: University of Iowa Press. 369 pp.
- Hughes, K. W., L. L. McGhee, A. S. Methven, J. E. Johnson & R. H. Petersen (1999). Patterns of geographic speciation in the genus *Flammulina* based on sequences of the ribosomal ITS1-5.8S-ITS2 area. *Mycologia* 91: 978-986.
- Hughes, K. W., R. H. Petersen, J. E. Johnson, J.-M. Moncalvo, R. Vilgalys, S. A. Redhead, T. Thomas & L. L. McGhee (2001). Infrageneric phylogeny of *Collybia* s. str. based on sequences of ribosomal ITS and LSU regions. *Mycological Research* 105: 164-172.
- Hughes, K. W., R. H. Petersen, J. L. Mata, N. V. Psurtseva, A. E. Kovalenko, O. V. Morozova, E. B. Lickey, J. C. Blanco, D. P. Lewis, E. Nagasawa, R. E. Halling, S. Takehashi, M. C. Aime, T. Bau & T. Henkel (2007). *Megacollybia* (Agaricales). *Reports of the Tottori Mycological Institute* 45: 1-57.
- Hughes, K. W., D. A. Mather & R. H. Petersen (2010). A new genus to accommodate *Gymnopus acervatus* (Agaricales). *Mycologia* 102: 1463-1478.
- Hughes, K. W., A. R. Segovia & R. H. Petersen (2014). Transatlantic disjunction in fleshy fungi. I. The *Sparassis crispa* complex. *Mycological Progress* 13: 407-427.
- Hughey, B. D., G. C. Adams, T. D. Bruns & D. S. Hibbett (2000). Phylogeny of *Calostoma*, the gelatinous-stalked puffball, based on nuclear and mitochondrial ribosomal DNA sequences. *Mycologia* 92: 94-104.
- Humpert, A. J., A. J. Giachini, M. A. Castellano & J. W. Spatafora (2001). Molecular phylogenetics of *Ramaria* and related genera: Evidence from nuclear large subunit and mitochondrial small subunit rDNA sequences. *Mycologia* 93: 465-477.
- Husher, J., S., S. Cesarov, C. M. Davis, T. S. Fletcher, K. Mbuthia, L. Richey, R. Sparks, L. A. Turpin & N. P. Money (1999). Evaporative cooling of mushrooms. *Mycologia* 91: 351-352.
- Hustad, V. P., A. N. Miller, B. T. M. Dentinger & P. F. Cannon (2013). Generic circumscriptions in *Geoglossomycetes*. *Persoonia* 31: 101-111.
- Hustad, V. P., V. Kučera, N. Rybáriková, P. Lizon, J. Gaisler, T. J. Baroni & A. N. Miller (2014). *Geoglossum* simile of North America and Europe: distribution of a widespread earth tongue species and designation of an epitype. *Mycological Progress* 13: 857-866.
- Hustad, V. P. & A. N. Miller (2015). Studies in the genus *Glutinoglossum*. *Mycologia* 107: 647-657.
- Hustad, V. P. & A. N. Miller (2015). *Maasoglossum*, a basal genus in the Geoglossomycetes. *Mycoscience* 56; 572-579.
- Hyde, K. D., et al. (2016). Fungal diversity notes 367-490: taxonomic and phylogenetic contributions to fungal taxa. *Fungal Diversity* 80: 1-270.
- Iglesias, F. S. (2019). Algunos hongos interesantes del Parque Natural de Sierra de Aracena y Picos

- de Aroche (suroeste de España). *Micobotanica-Jaén* 14: 2.
- Ingleby, K. & P. A. Mason (1996). Ectomycorrhizas of *Thelephora terrestris* formed with *Eucalyptus globulus*. *Mycologia* 88: 548-553.
- Ingold, C. T. & Zoberi, M. H. (1967). Grouping of spores in agaric spore-prints. *Mycologia* 59: 544-545.
- Ingold, C. T. (1990). The ballistospore. *Mycologist* 4: 36-37.
- Ingold, C. T. (1990). How did the active basidium arise? *Mycologist* 4: 149.
- Ingold, C. T. (1991). *Itersonia*. *Mycologist* 5: 35-37.
- Ingold, C. T. (1992). The basidium: a spore gun of precise range. *Mycologist* 6: 111-113.
- Iosifidou, P. & R. Agerer (2002). Die Rhizomorphen von *Gastrosporium simplex* und einige Gedanken zur systematischen Stellung der Gastrosporiaceae (Hymenomycetes, Basidiomycota). *Feddes Reportorium* 113: 11-23.
- Iqbal, S. H. , T. Kasuya, A. N. Khalid & A. R. Niazi (2006). *Lysurus pakistanicus*, a new species of Phallales from Pakistan. *Mycotaxon* 98: 163-168.
- Ivan, J. S., A. E. Seglund, R. L. Truex & E. S. Newkirk (2018). Mammalian responses to changed forest conditions resulting from bark beetle outbreaks in the southern Rocky Mountains. *Ecosphere* 9: e02369.
- Jackson, G. & J. Webster (1972). Growth of *Phallus aurantiacus* from cattle dung. *Transactions of the British Mycological Society* 59: 332-333.
- Jackson, H. A. C. & Cazort, M., eds. (1979). *Mr. Jackson's mushrooms*. Ottawa: National Gallery of Canada. 163 pp.
- Jacobsson, S. (1987). On the correct interpretation of *Pholiota adiposa* and a taxonomic survey of section *Adiposae*. *Windhalia* 17: 1-17.
- Jacobsson, S. (1989). Studies on *Pholiota* in culture. *Mycotaxon* 36: 95-145.
- Jacobson, S. & E. Larsson (2007). *Hemistropharia*, a new genus in Agaricales. *Mycotaxon* 102: 235-240.
- Jacquetant, E. (1984). *Les morilles*. Paris: La Bibliothèque des Arts. 114 pp.
- Jacquetant, E. (1984). Typifications et mises au point nomenclaturales dans l'ouvrage "LES MORILLES" (de E. JACQUETANT), Nature-Piantanida 1984." *Documents Mycologique* 14: 1-2.
- Jacquetant, E. (1992). Essai de mise au point taxonomique sur les amanites blanches mortelles. *Documents Mycologique* 22: 29-30.
- Jaklitsch, W. M. & H. Voglmayr (2013). New combinations in *Trichoderma* (*Hypocreaceae*, *Hypocreales*). *Mycotaxon* 126: 143-153.
- Jalink, L. M. (2010). Additional notes on the Lycoperdaceae of the Beartooth Plateau. *North*

American Fungi 5: 173-179.

James, D. G., ed. (2017). *The book of caterpillars: A life-size guide to six hundred species from around the world*. Chicago: University of Chicago Press. 656 pp.

James, T. Y., F. Kauff, C. L. Schoch, P. B. Matheny, V. Hofstetter, C. J. Cox, G. Celio, C. Gueidan, E. Fraker, J. Miadlikowska, H. T. Lumbsch, A. Rauhut, V. Reeb, E. A. Arnold, A. Amtoft, J. E. Stajich, K. Hosaka, G. -H. Sung, D. Johnson, B. O'Rourke, M. Crockett, M. Binder, J. M. Curtis, J. C. Slot, Z. Wang, A. W. Wilson, A. Schüßler, J. E. Longcore, K. O'Donnell, S. Mozley-Standridge, D. Porter, P. M. Lechter, M. J. Powell, J. W. Taylor, M. M. White, G. W. Griffith, D. R. Davies, R. A. Humber, J. B. Morton, J. Sugiyama, A. Y. Rossman, J. D. Rogers, D. H. Pfister, D. Hewitt, K. Hansen, S. Hambleton, R. A. Shoemaker, J. Kohlmeyer, B. Volkmann-Kohlmeyer, R. A. Spotts, M. Serdani, P. W. Crous, K. W. Hughes, K. Matsuura, E. Langer, G. Langer, W. A. Untereiner, R. Lücking, B. Büdel, D. M. Geiser, A. Aptroot, P. Diederich, I. Schmitt, M. Schultz, R. Yahr, D. S. Hibbett, F. Lutzonia, D. J. McLaughlin, J. W. Spatafora & R. Vilgalys (2006). Reconstructing the early evolution of Fungi using a six-gene phylogeny. *Nature* 443: 818-822.

Jargeat, P., F. Martos, F. Carriconde, H. Gryta, P. -A. Moreau & M. Gardes (2010). Phylogenetic species delimitation in ectomycorrhizal fungi and implications for barcoding: the case of the *Tricholoma scalpturatum* complex (Basidiomycota). *Molecular Ecology* 19: 5216-5230.

Jarvis, S. S. (2014). *The Lycoperdaceae of California*. Ph. D. thesis, San Francisco State University. 336 pp.

Jaques, H. E. (1947). *How to know the land birds*. Dubuque, IA: Wm. C. Brown. 196 pp.

Jargeat, P., J.-P. Chaumeton, O. Navaud, A. Vizzini & H. Gryta (2014). The *Paxillus involutus* (*Boletales*, *Paxillaceae*) complex in Europe: Genetic diversity and morphological description of the new species *Paxillus cuprinus*, typification of *P. involutus* s.s., and synthesis of species boundaries. *Fungal Biology* 118: 12-31.

Jarosch, M. & A. Bresinsky (1999). Speciation and phylogenetic distances within *Paxillus* s. str. (Basidiomycetes, Boletales). *Plant Biology* 1: 701-706.

Jayasiri, S. C., K. D. Hyde, H. A. Ariyawansa, J. Bhat, B. Buyck, L. Cai, Y. -C. Dai, K. A. Abs-Elsalam, D. Ertz, I. Hidayat, R. Jeewon, E. B. G. Jones, A. H. Bahkali, S. C. Karunaratna, J. -K. Liu, J. J. Luagansa-ard, H. T. Lumbsch, S. S. N. Maharachchikumbura, E. H. C. McKenzie, J. -M. Moncalvo, M. Ghobad-Nejhad, H. Nilsson, K. -L. Pang, O. L. Pereira, A. J. L. Phillips, O. Raspé, A. W. Rollins, A. I. Romero, J. Etayo, F. Selçuk, S. L. Stephenson, S. Suetrong, J. E. Taylor, C. K. M. Tsui, A. Vizzini, M. A. Abdel-Wahab, T. -C. Wen, S. Boonmee, D. Q. Dai, D. A. Daranagama, A. J. Dissanayake, A. E. Ekanayaka, S. C. Fryar, S. Hongnan, R. S. Jayawardena, W. -J. Li, R. H. Perera, R. Phookamsak, N. I. de Silva, K. M. Thambugala, Q. Tian, N. N. Wijayawardene, R. -L. Zhao, Q. Zhao, J. -C. Kang & I. Promputtha (2015). The Faces of Fungi database: fungal names linked with morphology, phylogeny and human impacts. *Fungal Diversity* 74: 3-18.

Jenkins, D. T. (1978). A study of *Amanita* types I. Taxa described by C. H. Peck. *Mycotaxon* 7: 23-44.

Jenkins, D. T. (1978). A study of *Amanita* types II. *A. ocreata* Peck. *Mycotaxon* 7: 371-372.

Jenkins, D. T. (1979). A study of *Amanita* types III. Taxa described by W. A. Murrill. *Mycotaxon* 10: 175-200.

- Jenkins, D. T. & Parker, L. (1979). *Mushrooms: A separate kingdom*. Birmingham, AL: Oxmoor House. 101 pp.
- Jenkins, D. T. & Vinopal, J. (1979). A new *Amanita* from Florida. *Mycotaxon* 8: 177-180.
- Jenkins, D. T. (1979). A new species of *Amanita*. *Mycotaxon* 8: 174-176.
- Jenkins, D. T. (1979). A new *Amanita* from Florida. *Mycotaxon* 8: 177-180.
- Jenkins, D. T. (1980). A new species of *Amanita*. *Mycotaxon* 10: 296-298.
- Jenkins, D. T. (1981). A new species of *Amanita*. *Mycotaxon* 13: 112-114.
- Jenkins, D. T. (1982). A new species of *Amanita*. *Mycotaxon* 14: 233-236.
- Jenkins, D. T. (1983). A new species of *Amanita*. *Mycotaxon* 16: 414-416.
- Jenkins, D. T. (1984). A new species of *Amanita* IV. *Mycotaxon* 20: 315-317.
- Jenkins, D. T. (1985). A new species of *Amanita* VII. *Mycotaxon* 24: 283-286.
- Jenkins, D. T. (1986). *Amanita of North America*. Eureka, CA: Mad River Press. 197 pp.
- Jenkins, D. T. (1988). A new species of *Amanita* from North America: *Amanita levistriata*. *Mycotaxon* 32: 415-419.
- Jeppson, M., E. Larsson & M. P. Martín (2012). *Lycoperdon rupicola* and *L. subumbrinum*: two new puffballs from Europe. *Mycological Progress* 11: 887-897.
- Jeppson, M. (2018). *Puffballs of Northern and Central Europe*. Göteborg: Sveriges Mykologiska Förening. 360pp.
- Jin, J., K. W. Hughes & R. H. Petersen (2001). Phylogenetic relationships of *Panellus* (Agaricales) and related species based on morphology and ribosomal large subunit DNA sequences. *Mycotaxon* 79: 7-21.
- Johannesson, H., S. Ryman, H. Lundmark & E. Danell (1999). *Sarcodon imbricatus* and *S. squamosus*—two confused species. *Mycological Research* 103: 1447-1452.
- Johannesson, H., T. Læssøe & J. Stenlid (2000). Molecular and morphological investigation of *Daldinia* in northern Europe. *Mycological Research* 104: 275-280.
- Johnson, J. & Vilgalys, R. (1998). Phylogenetic systematics of *Lepiota sensu lato* based on nuclear large subunit rDNA evidence. *Mycologia* 90: 971-979.
- Johnson, J. (1999). Phylogenetic relationships within *Lepiota sensu lato* based on morphological and molecular data. *Mycologia* 91: 443-458.
- Johnson, J. E. & Methven, A. S. (1994). *Panus conchatus*: Cultural characters and missing data. *Mycologia* 86: 146-150.
- Johnston, J. R. (1902). On *Cauloglossum transversarium*. *Proceedings of the American Academy of Arts and Sciences* 38: 61-74.

- Jones, G. N. (1971). *Flora of Illinois*. Notre Dame, IN: U Notre Dame P. 401 pp.
- Jones, R. L. (2005). *Plant life of Kentucky: an illustrated guide to the vascular flora*. Lexington, KY: University Press of Kentucky. 835 pp.
- Jorgensen, P. M., S. Ryman, W. Gams & J. A. Stalpers (2001). Proposal to conserve the name *Coprinus* Pers. (Basidiomycota) with a conserved type. *Taxon* 50: 909-910.
- Ju, Y., J. D. Rogers & F. San Martin (1997). A revision of the genus *Daldinia*. *Mycotaxon* 61: 243-293.
- Ju, Y. -M. & J. D. Rogers (2001). New and interesting *Biscogniauxia* taxa, with a key to the world species. *Mycological Research* 105: 1123-1133.
- Ju, Y. -M., J. D. Rogers & H. -M. Hsieh (2004). New *Hypoxylon* species and notes on some names associated with or related to *Hypoxylon*. *Mycologia* 96: 154-161.
- Ju, Y. -M., J. D. Rogers & H. -M. Hsieh (2018). Xylaria species associated with fallen fruits and seeds. *Mycologia* 110: 726-749.
- Judge, B. S., J. F. Ammirati, G. H. Lincoff, J. H. Trestrail III & P. B. Matheny (2010). Ingestion of a newly described North American mushroom species from Michigan resulting in chronic renal failure: *Cortinarius orellanosus*. *Clinical Toxicology* 48: 545-549.
- Jung, S. W., R. V. Gessner, K./ C. Keudell & M. A. Romano (1993). Systematics of *Morchella esculenta* complex using enzyme-linked immunosorbent assay. *Mycologia* 85: 677-684.
- Justo, A. & M. L. Castro (2010). The genus *Volvariella* in Spain: *V. dunensis* comb. & stat. nov. and observations on *V. earlei*. *Mycotaxon* 112: 261-270.
- Justo, A., I. Morgenstern, H. E. Hallen-Adams & D. S. Hibbett (2010). Convergent evolution of sequestrate forms in *Amanita* under Mediterranean climate conditions. *Mycologia* 102: 675-688.
- Justo, A., A. M. Minnis, S. Ghignone, N. Menolli Jr., M. Capelari, O. Rodriguez, E. Malysheva, M. Contu & A. Vizzini (2011). Species recognition in *Pluteus* and *Volvopluteus* (Pluteaceae, Agaricales): morphology, geography and phylogeny. *Mycological Progress* 10: 453-479.
- Justo, A., A. Vizzini, A. M. Minnis, N. Menolli Jr., M. Capelari, O. Rodriguez, E. Malysheva, M. Contu, S. Ghignone & D. S. Hibbett (2011). Phylogeny of the *Pluteaceae* (Agaricales, Basidiomycota): taxonomy and character evolution. *Fungal Biology* 115: 1-20.
- Justo, A. & D. S. Hibbett (2011). Phylogenetic classification of *Trametes* (Basidiomycota, Polyporales) based on a five-marker dataset. *Taxon* 60: 1567-1583.
- Justo, A., A. Caballero, G. Munoz, A. M. Minnis & E. Malysheva (2011). Taxonomy of *Pluteus eugraptus* and morphologically similar taxa. *Mycologia* 103: 646-655.
- Justo, A., E. Malysheva, T. Bulyonkova, E. C. Vellinga, G. Cobian, N. Nguyen, A. M. Minnis & D. S. Hibbett (2014). Molecular phylogeny and phylogeography of Holarctic species of *Pluteus* section *Pluteus* (Agaricales: Pluteaceae), with description of twelve new species. *Phytotaxa* 180: 1-85.
- Justo, A., O. Miettinen, D. Floudas, B. Ortiz-Santana, E. Skökvist, D. Lindner, K. Nakasone, T.

- Niemelä, K.-H. Larsson, L. Ryvarden & D. S. Hibbett (2017). A revised family-level classification of the *Polyporales* (Basidiomycota). *Fungal Biology* 121: 798-824.
- Kanouse, B. B. (1946). Some studies in the genus *Helvella*. *Papers of the Michigan Academy of Science, Arts and Letters* 32: 83-90.
- Kanouse, B. B. (1948). The genus *Plectania* and its segregates in North America. *Mycologia* 40: 482-497.
- Kanouse, B. B. (1949). Studies in the genus *Otidea*. *Mycologia* 41: 660-677.
- Kanouse, B. B. (1950). A study of *Peziza bronca* Peck. *Mycologia* 42: 497-502.
- Karlsen-Ayala, E. & M. E. Smith (2020). *Microcybe titans*: The mushroom giant of the Western Hemisphere. Institute of Food and Agricultural Sciences Extension publication PP356, University of Florida.
- Karstedt, F., M. Capelari, T. J. Baroni, D. L. Largent & S. E. Bergemann (2019). Phylogenetic and morphological analyses of species of *Entolomataceae* (Agaricales, Basidiomycota) with cuboid basidiospores. *Phytotaxa* 391: 001-027.
- Kaston, B. J. & E. Kaston (1953). *How to know the spiders*. Dubuque, IA: Wm. C. Brown. 220 pp.
- Kasuya, T. (2007). Validation of *Aseroe coccinea* (Phallales, Phallaceae). *Mycoscience* 48: 309-311.
- Kasuya, T. (2010). Lycoperdaceae (Agaricales) on the Beartooth Plateau, Rocky Mountains, U.S.A. *North American Fungi* 5: 159-171.
- Kasuya, T., K. Hosaka, K. Uno & M. Kakishima (2012). Phylogenetic placement of *Geastrum melanocephalum* and polyphyly of *Geastrum triplex*. *Mycoscience* 53: 411-426.
- Kauffman, C. H. (1906). Cortinarius as a mycorrhiza-producing fungus. *Botanical Gazette* 42: 208-214.
- Kauffman, C.H. (1918). *The gilled mushrooms (Agaricaceae) of Michigan and the Great Lakes region*, Volumes I and II. New York: Dover. 924 pp. (1971 Reprint.)
- Kauffman, C. H. (1923). The mycological flora of the higher Rockies of Colorado. *Papers of the Michigan Academy of Science, Arts, and Letters* 1: 101-150.
- Kauffman, C. H. (1924). The genus *Lepiota* in the United States. *Papers of the Michigan Academy of Science, Arts, and Letters* 4: 311-344.
- Kauffman, C. H. (1924). *Inocybe*. *North American Flora* 10: 227-260.
- Kauffman, C. H. (1925). The genus *Gomphidius* in the United States. *Mycologia* 17: 113-126.
- Kauffman, C. H. (1927). The genus *Clitocybe* in the United States, with a critical study of all the north temperate species. *Papers of the Michigan Academy of Science, Arts, and Letters* 8: 153-211.
- Kauffman, C. H. (1932). *Cortinarius*. *North American Flora* 10: 282-348.
- Kauserud, H. & T. Schumacher (2003). Ribosomal DNA variation, recombination and inheritance in

- the basidiomycete *Trichaptum abietinum*: implications for reticulate evolution. *Heredity* 91: 163-172.
- Kauserud, H. & T. Schumacher (2003). Regional and local population structure of the pioneer wood-decay fungus *Trichaptum abietinum*. *Mycologia* 95: 416-425.
- Keirle, M. R., D. E. Hemmes & D. E. Desjardin (2004). Agaricales of the Hawaiian Islands. 8. Agaricaceae: *Coprinus* and *Podaxis*; Psathyrellaceae: *Coprinopsis*, *Coprinellus*, and *Parasola*. *Fungal Diversity* 15: 33-124.
- Kelley, M. B., M. K. Fierke & F. M. Steohen (2009). Identification and distribution of *Armillaria* species associated with an oak decline event in the Arkansas Ozarks. *Forest Pathology* 39: 397-404.
- Kellner, H., Renker, C. & Buscot, F. (2005). Species diversity within the *Morchella esculenta* group (Ascomycota: Morchellaceae) in Germany and France. *Organisms, Diversity & Evolution* 5: 101-107.
- Kellner, H., P. Luis & F. Buscot (2007). Diversity of laccase-like multicopper oxidase genes in *Morchellaceae*: identification of genes potentially involved in extracellular activities related to plant litter decay. *Microbiological Ecology* 61: 153-163.
- Kempton, P. E. & V. L. Wells (1973). Studies on the fleshy fungi of Alaska. VI. Notes on *Gyromitra*. *Mycologia* 65: 396-400.
- Kendrick, B. (1992). *The Fifth Kingdom*. Second Edition. Newburyport, MA: Mycologue Publications. 406 pp.
- Kennedy, L. L. (1958). The genera of Dacrymycetaceae. *Mycologia* 50: 874-895.
- Kennedy, L. L. (1958). The genus *Dacrymyces*. *Mycologia* 50: 896-915.
- Kennedy, L. L. (1964). The genus *Ditiola*. *Mycologia* 56: 298-308.
- Kepler, R. M., J. J. Luangsa-ard, N. L. Hywel-Jones, C. A. Quandt, G. -H. Sung, S. A. Rehner, M. C. Aime, T. W. Henkel, T. Sanjuan, R. Zare, M. Chen, Z. Li, A. Y. Rossman, J. W. Spatafor & B. Shreshta (2017). A phylogenetically-based nomenclature for *Cordycipitaceae* (*Hypocreales*). *IMA Fungus* 8: 335-353. doi:10.5598/imafungus.2017.08.02.08
- Kerekes, J. F. & D. E. Desjardin (2009). A monograph of the genera *Crinipellis* and *Moniliophthora* from Southeast Asia including a molecular phylogeny of the nrITS region. *Fungal Diversity* 37: 101-152.
- Kernaghan, G., R. S. Currah & R. J. Bayer (1997). Russulaceous ectomycorrhizae of *Abies lasiocarpa* and *Picea engelmannii*. *Canadian Journal of Botany* 75: 1843-1850.
- Kernaghan, G. & R. S. Currah (1998). Ectomycorrhizal fungi at tree line in the Canadian Rockies. *Mycotaxon* 69: 39-80.
- Kerrigan, R. W. (1979). Studies in *Agaricus* I. *Agaricus pattersonae*. *Mycologia* 71: 612-620.
- Kerrigan, R. W. (1985). Studies in *Agaricus* II: *Agaricus liliceps* re-evaluated. *Mycologia* 77: 137-141.
- Kerrigan, R. W. (1985). Studies in *Agaricus* III: New species from California. *Mycotaxon* 22: 419-434.
- Kerrigan, R. W. (1986). *The Agaricales of California* 6. *Agaricaceae*. Eureka, CA: Mad River Press. 62

pp.

Kerrigan, R. W. (1989). Studies in *Agaricus* IV: New species from Colorado. *Mycotaxon* 34: 119-128.

Kerrigan, R. W., D. B. Carvalho, P. A. Horgen & J. B. Anderson (1995). Indigenous and introduced populations of *Agaricus bisporus*, the cultivated button mushroom, in eastern and western Canada: Implications for population biology, resource management, and conservation of genetic diversity. *Canadian Journal of Botany* 73: 1925-1938.

Kerrigan, R. W., P. Callac, J. Xu & R. Noble (1999). Population and phylogenetic structure within the *Agaricus subfloccosus* complex. *Mycological Research* 103: 1515-1523.

Kerrigan, R. W. (2005). *Agaricus subrufescens*, a cultivated edible and medicinal mushroom, and its synonyms. *Mycologia* 97: 12-24.

Kerrigan, R. W., P. Callac, M. P. Challen & L. A. Parra (2005). *Agaricus* section *Xanthodermatei*: a phylogenetic reconstruction with commentary on taxa. *Mycologia* 97: 1292-1315.

Kerrigan, R. W. (2007). Lectotypification of *Agaricus brunnescens*. *Mycologia* 99: 906-915.

Kerrigan, R. W., P. Callac & L. A. Parra (2008). New and rare taxa in *Agaricus* section *Bivelares* (*Duploannulati*). *Mycologia* 100: 876-892.

Kerrigan, R. W. (2009). Draft key to *Agaricus* of North America. Published by the author.

Kerrigan, R. W. (2016). *Agaricus of North America*. Memoirs of the New York Botanical Garden, Volume 114. New York: New York Botanical Garden Press. 573 pp.

Kershaw, L. (2007). *Trees of Illinois*. Auburn, WA: Lone Pine Publishing. 304 pp.

Khalil, A. M. A, H. M. Lee, G. P. Sharples, P. Sihanonth, N. Suwannasai, E. Sangvichien, M. A. Whalley & A. J. S. Whalley (2015). *Daldinia*: The nature of its concentric zones. *Mycoscience* 56: 542-548.

Kibby, G. & Fatto, R. (1990). Keys to the species of *Russula* in northeastern North America. Somerville, NJ: Kibby-Fatto Enterprises. 70 pp.

Kibby, G. (2006) *Philip's guide to mushrooms and toadstools of Britain and northern Europe*. London: Philip's. 256 pp.

Kibby, G. (2006) *Leccinum* revisited: a new synoptic key to species. *Field Mycology* 7: 77-87.

Kibby, G. & D. McNeil (2012). *Phallus duplicatus* new to Britain. *Field Mycology* 13: 86-89.

Kim, C. S., J. W. Jo, Y. -N. Kwag, G. -H. Sung, J. -G. Han, B. Shrestha, S. -O. Oh, S. -Y. Kim, C. -H. Shin & S. -K. Han (2016). Two new *Lycoperdon* species collected from Korea: *L. albiperidium* and *L. subperlatum* spp. nov. *Phytotaxa* 260: 101-115.

Kim, M. -S., N. B. Klopfenstein, G. I. McDonald, K. Arumuganathan & A. K. Vidaver (2000). Characterization of North American *Armillaria* species by nuclear DNA content and RFLP analysis. *Mycologia* 92: 874-883.

Kim, M. -S., N. B. Klopfenstein, J. W. Hanna & G. I. McDonald (2006). Characterization of North

- American *Armillaria* species: genetic relationships determined by ribosomal DNA sequences and AFLP markers. *Forest Pathology* 36: 145-164.
- Kim, M. -S. & N. B. Klopfenstein (2011). Molecular identification of *Armillaria gallica* from the Niobrara Valley Preserve in Nebraska. *Journal of Phytopathology* 159: 69-71.
- Kimbrough, J. W. (1970). Current trends in the classification of Discomycetes. *Botanical Review* 36: 91-161.
- Kimbrough, J. W. (1991). Ultrastructural observations on Helvellaceae (Pezizales, Ascomycetes). V. Septal structures in *Gyromitra*. *Mycological Research* 95: 421-426.
- Kirchmair, M. & R. Pöder (2002). Why *Omphalotus illudens* (Schwein.) Bresinsky et Besl is an independent species. *Revista Catalana de Micologia* 24: 215-223.
- Kirchmair, M., R. Pöder, C. G. Huber & O. K. Miller, Jr. (2002). Chemotaxonomical and morphological observations in the genus *Omphalotus* (Omphalotaceae). *Persoonia* 17: 583-600
- Kirchmair, M., S. Morandell, D. Stolz, R. Pöder & C. Sturmbauer (2004). Phylogeny of the genus *Omphalotus* based on nuclear ribosomal DNA-sequences. *Mycologia* 96: 1253-1260.
- Kirk, P.M., P. F. Cannon, J. C. David & J. A. Stalpers, eds. (2001). *Ainsworth & Bisby's dictionary of the fungi*. 9th. edition. London: Biddles. 655 pp.
- Kirk, P. M., P. F. Cannon, D. W. Minter & J. A. Stalpers, eds. (2008). *Ainsworth & Bisby's dictionary of the fungi*. 10th. edition. Oxon, UK: CAB International. 771 pp.
- Kits van Waveren, E. (1971). Notes on the genus *Psathyrella*--I. *Psathyrella gracilis* and *P. microrrhiza*. *Persoonia* 6: 249-280.
- Kits van Waveren, E. (1971). Notes on the genus *Psathyrella*--II. Three new species of *Psathyrella*. *Persoonia* 6: 295-312.
- Kits van Waveren, E. (1972). Notes on the genus *Psathyrella*--III. Unorthodox approach and key to section Atomatae. *Persoonia* 7: 23-54.
- Kits van Waveren, E. (1976). Notes on the genus *Psathyrella*--IV. Description of and key to the European species of section *Psathyrella*. *Persoonia* 8: 345-406.
- Kits van Waveren, E. (1977). Notes on the genus *Psathyrella*--V. The sections *Ammophilae*, *Bipellis* and *Subatratae*. *Persoonia* 9: 199-231.
- Kits van Waveren, E. (1977). Notes on the genus *Psathyrella*--VI. Four controversial species of *Psathyrella*: *P. fibrillosa*, *P. frustulenta*, *P. clivensis*, and *P. obtusata*. *Persoonia* 9: 281-304.
- Kits van Waveren, E. (1980). Checklist of synonyms, varieties and forms of *Psathyrella candolleana*. *Transactions of the British Mycological Society* 75: 429-437.
- Kits van Waveren, E. (1982). Notes on the genus *Psathyrella*--VIII. Description and key to the European species of section *Hydrophilae*. *Persoonia* 11: 473-508.
- Kits van Waveren, E. (1985). The Dutch, French and British species of *Psathyrella*. *Persoonia Supplement* 2: 1-300.

- Kits van Waveren, E. (1987). Additions to our monograph of *Psathyrella*: Thirteen new species, some revised keys, comments on other recently described species, and corrections and additions to our monograph. *Persoonia* 13: 327-368.
- Kits van Waveren, E. (1987). Notes on some British species of *Psathyrella*. *Transactions of the British Mycological Society* 89: 420-422.
- Klan, J., D. Baudisova & I. Rulfova (1989). Cultural, enzymatic and cytological studies in the genus *Pholiota*. *Mycotaxon* 36: 249-271.
- Klofac, W. (2010). The genus *Aureoboletus*, a world-wide survey. A contribution to a monographic treatment. *Österreichische Zeitschrift für Pilzkunde* 19: 133-174.
- Klofac, W. (2013). A world-wide key to the genus *Suillus*. *Österreichische Zeitschrift für Pilzkunde* 22: 211-278.
- Knapp, S., J. McNeill & N. J. Turland (2011). Changes to publication requirements made at the XVIII International Botanical Congress in Melbourne--what does e-publication mean for you? *Mycotaxon* 117: 1-7.
- Knudsen, H. & J. Vesterholt, eds. (2008). *Funga Nordica: Agaricoid, boletoid and cyphelloid genera*. Copenhagen: Nordsvamp. 965 pp.
- Knudsen, H. & J. Vesterholt, eds. (2018). *Funga Nordica: Agaricoid, boletoid, clavarioid, cyphelloid and gasteroid genera*. Copenhagen: Nordsvamp. 1083 pp.
- Ko, K. S., S. G. Hong & H. S. Jung (1997). Phylogenetic analysis of *Trichaptum* based on nuclear 18S, 5.8S and ITS ribosomal DNA sequences. *Mycologia* 89: 727-734.
- Ko, K. S., H. S. Jung & L. Ryvarden (2001). Phylogenetic relationships of *Hapalopilus* and related genera inferred from mitochondrial small subunit ribosomal DNA sequences. *Mycologia* 93: 270-276.
- Ko, K. S., Y. W. Lim, Y. H. Kim & H. S. Jung (2001). Phylogeographic divergences of nuclear ITS sequences in *Coprinus* species *sensu lato*. *Mycological Research* 105: 1519-1526.
- Kobuski, C. E., C. V. Morton, M. Ownbey & R. M. Tyron (1958). Report of the committee: for recommendations on desirable procedures in herbarium practice and ethics. *Brittonia* 10: 93-95.
- Komorowska, H. (2000). A new diagnostic character for the genus *Collybia* (Agaricales). *Mycotaxon* 75: 343-346.
- Komura, D. L., F. Wartchow & C. E. Zartman (2015). *Sarcodon atroviridis* *sensu lato*, a stipitate hydroid from Amazonian campinarana, Roraima, Brazil. *Check List: The Journal of Biodiversity Data* 11: 1603.
- Kong, A., A. Montoya & A. Estrada-Torres (2002). *Russula herrerae*, a new species with marginal veil from Mexico. *Mycologia* 94: 290-296.
- Kong, A., J. Cifuentes, A. Estrada-Torres, L. Guzmán-Dávalos, R. Faribay-Orijel & B. Buyck (2015). Russulaceae associated with mycoheterotroph *Monotropa uniflora* (Ericaceae) in Tlaxcala, Mexico: a phylogenetic approach. *Cryptogamie, Mycologie* 36: 479-512.

- Korf, R. P. (1954). Discomyceteae Exsiccatae, Fasc. I. *Mycologia* 46: 837-841.
- Korf, R. P. (1960). *Jafnea*, a new genus of the Pezizaceae. *Nagaoa* 7: 3-8.
- Korf, R. P. (1972). Synoptic key to the genera of the Pezizales. *Mycologia* 64: 937-994.
- Korf, R. P. (2005). Reinventing taxonomy: a curmudgeon's view of 250 years of fungal taxonomy, the crisis in biodiversity, and the pitfalls of the phylogenetic age. *Mycotaxon* 93: 407-415.
- Kovacs, R. L. & Sundberg, W. J. (1999). *Syzygites megalocarpus* (Mucorales, Zygomycetes) in Illinois. *Transactions of the Illinois State Academy of Science* 92: 181-190.
- Krah, F. -S., C. Bässler, C. Heibl, J. Soghigian, H. Schaefer & D. S. Hibbett (2018). Evolutionary dynamics of host specialization in wood-decay fungi. *BMC Evolutionary Biology* 18: 119.
- Kramer, C. L. (1956). Notes on Kansas Fungi, I. *Transactions of the Kansas Academy of Science* 59: 233-235.
- Kränzlin, F. (2005). *Fungi of Switzerland: A contribution to the knowledge of the fungal flora of Switzerland. Volume 6 Russulaceae*. Transl. Walters, V. L. & Walters, J. F. Lucern: Verlag Mykologia. 317 pp.
- Kreisel, H. (1989). Studies in the *Calvatia* complex (Basidiomycetes). *Nova Hedwigia* 48: 281-296.
- Kreisel, H. (1992) An emendation and preliminary survey of the genus *Calvatia* (Gasteromycetidae). *Persoonia* 14: 431-439.
- Kreisel, H. (1993). A key to *Vascellum* (Gasteromycetidae) with some floristic notes. *Blyttia* 51: 125-129.
- Kreisel, H. (1994). Studies in the *Calvatia* complex (Basidiomycetes) 2. *Feddes Repertorium* 105: 369-376.
- Kreisel, H. (1996). A preliminary survey of the genus *Phallus* sensu lato. *Czech Mycology* 48: 273-281.
- Kreisel, H. & A. Hausknecht (2009). The gasteral *Basidiomycetes* of Mascarenes and Seychelles 3. Some recent records. *Österreichische Zeitschrift für Pilzkunde* 18: 149-159.
- Kretzer, A., Y. Li, T. Szaro & T. D. Bruns (1996). Internal transcribed spacer sequences from 38 recognized species of *Suillus* sensu lato: Phylogenetic and taxonomic implications. *Mycologia* 88: 776-785.
- Kretzer, A. & Bruns, T. D. (1997). Molecular revisitation of the genus *Gastrosuillus*. *Mycologia* 89: 586-589.
- Kricher, J. & Morrison, G. (1988). *A field guide to eastern forests*. (Peterson Field Guides.) New York: Houghton Mifflin. 488 pp.
- Kricher, J. C. & G. Morrison (1993). *Ecology of western forests*. (Peterson Field Guides.) Boston: Houghton Mifflin. 554 pp.
- Krieger, L. C. C. (1927). New or otherwise interesting Agaricaceae from the United States and

Canada. *Mycologia* 19: 308-314.

Krieger, L. C. C. (1935). *A popular guide to the higher fungi (mushrooms) of New York state*. Albany: University of the State of New York; New York State Museum handbook 11. 538 pp.

Krieger, L. C. (1936). *The mushroom handbook*. New York: Dover Publications. 560 pp. (1967 reprint.)

Krombholz, J. V. (1834). *Naturgereue Abbildungen und Beschreibungen der essbaren, schadlichen und verdächtigen Schwämme*. Prague: J. G. Calve.

Kropp, B. R. (2016). Russulaceae in American Samoa: new species and further support for an Australasian for Samoan ectomycorrhizal fungi. *Mycologia* 108: 405-413.

Kruger, D., M. Binder, M. Fischer & H. Kreisel (2001). The Lycoperdales: A molecular approach to the systematics of some gasteroid mushrooms. *Mycologia* 93: 947-957.

Kruger, D. (2002). *Monographic studies in the genus Polyporus (Basidiomycotina)*. Ph. D. thesis, The University of Tennessee. Knoxville, TN. 165 pp.

Kruger, D. & H. Kreisel (2003). Proposing *Morganella* subgen. *Apioperdon* subgen. nov. for the puffball *Lycoperdon pyriforme*. *Mycotaxon* 86: 169-177.

Kruger, D., R. H. Petersen & K. W. Hughes (2006). Molecular phylogenies and mating study data in *Polyporus* with special emphasis on group "Melanopus" (Basidiomycota). *Mycological Progress* 5: 185-206.

Kruger, D. & A. Gargas (2008). Secondary structure of ITS2 rDNA provides taxonomic characters for systematic studies--a case in *Lycoperdaceae* (basidiomycota). *Mycological Research* 112: 316-330.

Kruger, D. & A. Gargas (2010). Unusual polypore fungi--a taxonomic emendation of *Polyporus* (Basidiomycotina) after ribosomal spacer characters. *Cryptogamie, Mycologie* 31: 389-401.

Kučera, V. & P. Lizon (2012). Geoglossaceous fungi in Slovakia III. The genus *Geoglossum*. *Biologia* 67: 654-658.

Kučera, V. (2012). Geoglossaceous fungi in Slovakia IV. *Geoglossum alveolatum*, a new species for the country. *Catathelasma* 14: 11-14.

Kučera, V., M. Tomšovský, J. Kucera & J. Gaisler (2014). Re-evaluation of the morphological variability of *Microglossum viride* and *M. griseoviride* sp. nov. *Mycologia* 106: 282-290.

Kučera, V., P. Lizon & M. Tomšovský (2017). Taxonomic divergence of the green naked-stipe members of the genus *Microglossum* (Helotiales). *Mycologia* 109: 46-54.

Kühner, R. & H. Romagnesi (1947). Caractères et affinités du *Tricholoma guttatum* au sens de Lange. *Bulletin Mensuel de la Société Linnéenne de Lyon* 16: 134-137

Kühner, R. & H. Romagnesi (1953). *Flore analytique des champignons supérieurs (agarics, bolets, chanterelles)*. Paris: Masson. 556 pp. .

Kuo, M. (2005). *Morels*. Ann Arbor: University of Michigan Press. 205 pp.

- Kuo, M. (2007). *100 Edible Mushrooms*. Ann Arbor: University of Michigan Press. 329 pp.
- Kuo, M. (2007). Mushrooming in the age of DNA: Now comes the fun part. *Mcllvainea* 17: 43-49.
- Kuo, M. (2008). *Morchella tomentosa*, a new species from western North America, and notes on *M. rufobrunnea*. *Mycotaxon* 105: 441-446.
- Kuo, M. & A. Methven (2010). *100 Cool Mushrooms*. Ann Arbor: University of Michigan Press. 210 pp.
- Kuo, M., D. Dewsbury, K. O'Donnell, M. C. Carter, S. A. Rehner, J. D. Moore, J. -M. Moncalvo, S. A. Canfield, S. L. Stephenson, A. S. Methven & T. J. Volk (2012) Taxonomic revision of true morels (*Morchella*) in Canada and the United States. *Mycologia* 104: 1159-1177.
- 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.
- Kuo, M. & A. S. Methven (2014). *Mushrooms of the Midwest*. Urbana, IL: University of Illinois Press. 427 pp.
- Kuo, M. & P. B. Matheny (2015). Contemporary documentation of the rare eastern North American species *Inocybe insignis* (Inocybaceae, Agaricales). *MycKeys* 11: 23-31.
- Kuo, M. & B. Ortiz-Santana (2020). Revision of leccinoid fungi, with emphasis on North American taxa, based on molecular and morphological data. *Mycologia* 112: 197-211. DOI: 10.1080/00275514.2019.1685351
- Kupfer, E. M. (1902). Studies on *Urnula* and *Geopyxis*. *Bulletin of the Torrey Botanical Club* 29: 137-144.
- Kurz, D. (2014). *Illinois wildflowers*. Pettigrew, AR: Tim Ernst Publishing. 256 pp.
- Kuyper, T. W. (1981). Notes on *Clitocybe*--I. *Persoonia* 11: 385-386.
- Kuyper, T. W. (1981). Aantekeningen over *Clitocybe* 2. "*Lepista*" *albofragrans*. *Coolia* 24: 68-71.
- Kuyper, T. W. (1982). Aantekeningen over *Clitocybe* III. De omgrenzing van *Clitocybe* en *Lepista*. *Coolia* 25: 39-47.
- Kuyper, T. W. (1986). Aantekeningen over *Clitocybe*. IV. Wat is *Clitocybe brumalis*? *Coolia* 29: 32-35.
- Kuyper, Th. W. & G. Tjallingii-Beukers (1986). Notes on *Pholiota*. *Persoonia* 13: 77-82.
- Kyde, M. M. & J. L. Peterson (1986). A variant of *Lepiota cristata*. *Mycologia* 78: 851-853.
- Kytovuori, I. (1989). The *Tricholoma caligatum* group in Europe and North Africa. *Karstenia* 28: 65-77.
- Laessoe, T. & Lodge, D. J. (1994). Three host-specific *Xylaria* species. *Mycologia* 86: 436-446.
- Laessoe, T. & Lincoff, G. (2002). *Mushrooms* (Smithsonian Handbooks). New York: Dorling Kindersley. 304 pp.

Laessle, T. L. & J. H. Petersen (2019). *Fungi of Temperature Europe* (in 2 volumes). Princeton, NJ: Princeton University Press. 1715 pp.

Lalli, G. & G. Pacioni (1992). *Lactarius* sect. *Lactifluus* and allied species. *Mycotaxon* 44: 155-195.

Lamaison, J.-L. & J.-M. Polese (2005). *The Great Encyclopedia of Mushrooms*. Germany: Konemann. 240 pp.

Lambert, H., G. Fortin, R. Labbé, J. Labreque, J. A. Bérubé, J. Landry, E. Ilyukhin, S. Margaritescu, J. -M. Moncalvo & Y. Lamoureux (2018). Validation of two *Amanita* species from eastern North America: *A. rhacopus* sp. nov. and *A. variicolor* sp. nov. *MycKeys* 38: 47-57.

Lander, C. A. (1934). The development of the fruiting body of *Arachnion album*. *Journal of the Elisha Mitchell Scientific Society* 50: 275-282.

Landeros, F., F. M. Ferrusca, E. U. Esquivel-Naranjo, J. A. Cervantes-Chávez & L. Guzmán-Dávalos (2019). Primer registro del género *Jafnea* (Pyronemataceae: Ascomycota) en México. *Revista Mexicana de Biodiversidad* 90: e902556.

Landvik, S. (1996). *Neolecta*, a fruit-body-producing genus of the basal ascomycetes, as shown by SSU and LSU rDNA sequences. *Mycological Research* 100: 199-202.

Landvik, S., K. N. Egger & T. Schumacher (1997). Towards a subordinal classification of the Pezizales (Ascomycota): Phylogenetic analyses of SSU rDNA sequences. *Nordic Journal of Botany* 17: 403-418.

Landvik, S., R. Kristiansen & T. Schumacher (1999). *Pindara*: a miniature *Helvella*. *Mycologia* 91: 278-285.

Landvik, S., O. E. Eriksson & M. L. Merbee (2001). *Neolecta*—a fungal dinosaur? Evidence from Beta-tubulin amino acid sequences. *Mycologia* 93: 1151-1163.

Lange, M. & Smith, A. H. (1953). The *Coprinus ephemerus* group. *Mycologia* 45: 747-780.

Lange, M. (1981). Typification and delimitation of *Omphalina* Quel. *Nordic Journal of Botany* 1: 691-696.

Lange, M. (1990). Arctic Gasteromycetes II. *Calvatia* in Greenland, Svalbard and Iceland. *Nordic Journal of Botany* 9: 525-546.

Lange, M. (1993). Classifications in the *Calvatia* group. *Blyttia* 51: 141-144.

Lannoy, G. & A. Estades (1995). Monographie des *Leccinum* d'Europe. La Roche-sur-Foron, France: Federation Mycologique Dauphine-Savoie. 229 pp.

Lannoy, G. (2006). Un *Leccinum* proche de *L. nigellum* recolte en Sologne. *Bulletin de la Société Mycologique de France* 122: 375-379.

Lannoy, G. & A. Estades (2007). Corrigenda a l'article "*Leccinum durusculum* f. *tenerum* f. nov." *Bulletin de la Société Mycologique de France* 123: 45-47.

Lantz, H., P. R. Johnston, D. Park & D. W. Minter (2011). Molecular phylogeny reveals a core clade of Rhytismatales. *Mycologia* 103: 57-74.

- Largent, D. L. & Benedict, R. G. (1970). Studies in the Rhodophylloid fungi II: *Alboleptonia*, a new genus. *Mycologia* 62: 437-452.
- Largent, D. L. & Benedict, R. G. (1971). Studies in the Rhodophylloid fungi I: Generic concepts. *Madrono* 21: 32-39.
- Largent, D. L. (1971). Rhodophylloid fungi of the Pacific Coast (United States) I: Type studies and new combinations of species described prior to 1968. *Brittonia* 23: 238-245.
- Largent, D. L. (1973). *How to identify mushrooms to genus I: Macroscopic features*. Eureka, CA: Mad River Press. 86 pp.
- Largent, D. L. & Thiers, H. D. (1973). *How to identify mushrooms to genus II: Field identification of genera*. Eureka, CA: Mad River Press. 32 pp.
- Largent, D. L., D. Johnson & R. Watling (1973). *How to identify mushrooms to genus III: Microscopic features*. Eureka, CA: Mad River Press. 148 pp.
- Largent, D. L. (1977). *The genus Leptonia on the Pacific Coast of the United States*. Vaduz, Germany: J. Cramer. 285 pp.
- Largent, D. L., N. Sugihara & A. Brinitzer (1980). *Amanita gemmata*, a non-host-specific mycorrhizal fungus of *Arctostaphylos manzanita*. *Mycologia* 72: 435-439.
- Largent, D. L. (1985). *The Agaricales (Gilled Fungi) of California. 5. Hygrophoraceae*. Eureka, California: Mad River Press. 208 pp.
- Largent, D. L. & Baroni, T. J. (1988). *How to identify mushrooms to genus VI: Modern genera*. Eureka, CA: Mad River Press. 277 pp.
- Largent, D. L. (1994). *Entolomatoid fungi of the western United States and Alaska*. Eureka, CA: Mad River Press. 516 pp.
- Larsen, M. J. & F. F. Lombard (1988). The status of *Meripilus giganteus* (Aphylllophorales, Polyporaceae) in North America. *Mycologia* 80: 612-621.
- Larsen, M. J. & Melo, X. (1996). Neotypification of *Phellinus pini*. *Mycologia* 88: 839-843.
- Larsson, E. & K. H. Larsson (2003). Phylogenetic relationships of russuloid basidiomycetes with an emphasis on aphylllophorean taxa. *Mycologia* 95: 1037-1065.
- Larsson, E. & Jacobsson, S. (2004). Controversy over *Hygrophorus costa* settled using ITS sequence data from 200 year-old type material. *Mycological Research* 108: 781-786.
- Larsson, K. H., E. Parmasto, M. Fischer, E. Langer, K. K. Nakasone & S. A. Redhead (2006). Hymenochaetales: a molecular phylogeny for the hymenochaetoid clade. *Mycologia* 98: 926-936.
- Larsson, E. & L. Orstadius (2008). Fourteen coprophilous species of *Psathyrella* identified in the Nordic countries using morphology and nuclear rDNA sequence data. *Mycological Research* 112: 1165-1185.
- Larsson, E. & M. Jeppson (2008). Phylogenetic relationships among species and genera of

Lycoperdaceae based on ITS and LSU sequence data from north European taxa. *Mycological Research* 112: 4-22.

Larsson, E., M. Jeppson & K. -H. Larsson (2009). Taxonomy, ecology and phylogenetic relationships of *Bovista pusilla* and *B. limosa* in North Europe. *Mycological Progress* 8: 289-299.

Larsson, K. -H., S. Svantesson, D. Miscevic, U. Koljalg & E. Larsson (2019). Reassessment of the generic limits for *Hydnellum* and *Sarcodon* (Thelephorales, Basidiomycota). *MycKeys* 54: 31-47.

Latha, K. P. D., P. Manimohan & P. B. Matheny (2016). A new species of *Inocybe* representing the *Nothocybe* lineage. *Phytotaxa* 267: 40-50.

Launchbaugh, K. L. & P. J. Urness (1992). Mushroom consumption (mycophagy) by North American cervids. *Great Basin Naturalist* 52: 321-327.

Laursen, G. A., O. K. Miller, Jr. & H. E. Bigelow (1976). A new *Clitocybe* from the Alaskan arctic. *Canadian Journal of Botany* 54: 976-980.

Laursen, G. A. & R. D. Seppelt (2009). *Common Interior Alaska Cryptograms*. Fairbanks, AK: University of Alaska Press. 218 pp.

Lavorato, C. (2000). *Suillus lakei* var. *calabrus* var. nov. In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 285-288.

Leacock, P. R., J. Riddell, A. W. Wilson, R. Zhang, C. Ning & G. M. Mueller (2016). *Cantharellus chicagoensis* sp. nov. is supported by molecular and morphological analysis as a new yellow chanterelle in midwestern United States. *Mycologia* 108: 765-772.

Leathem, A. M. & T. J. Dorran (2007). Poisoning due to raw *Gyromitra esculenta* (false morels) west of the Rockies. *Canadian Journal of Emergency Medicine* 9: 127-130.

Leathers C. R. 1956. New Species and Varieties of *Clavaria* From Michigan. *Mycologia* 48: 278-287.

Leathers, C. R. & A. H. Smith (1967). Two new species of clavarioid fungi. *Mycologia* 59: 456-462.

Lebel, T. & J. M. Trappe (2000). Type studies of sequestrate Russulales. I. Generic type species. *Mycologia* 92: 1188-1205.

Lebel, T. & J. E. Tonkin (2007). Australian species of *Macowanites* are sequestrate species of *Russula* (Russulaceae, Basidiomycota). *Australian Systematic Botany* 20: 355-381.

Lebel, T., T. Orihara & N. Maekawa (2012). The sequestrate genus *Rosbeeva* T. Lebel & Orihara *gen. nov.* (Boletaceae) from Australasia and Japan: a new species and new combinations. *Fungal Diversity* 52: 49-71.

Lebel, T., T. Orihara & N. Maekawa (2012). Erratum to: The sequestrate genus *Rosbeevera* T. Lebel & Orihara *gen. nov.* (Boletaceae) from Australasia and Japan: a new species and new combinations. *Fungal Diversity* 52: 73.

Lebel, T. & A. Syme (2012). Sequestrate species of *Agaricus* and *Macrolepiota* from Australia: new species and combinations and their position in a calibrated phylogeny. *Mycologia* 104: 496-520.

Lebel, T., Pennycook, S. & M. Barrett (2018). Two new species of *Pisolithus* (Sclerodermataceae)

from Australasia, and an assessment of the confused nomenclature of *P. tinctorius*. *Phytotaxa* 348: 163-186.

Lecuru, C., J. Mornand, J.-P. Fiard, P.-A. Moreau & R. Courtecuisse (2013). *Clathrus roseovolvatus*, a new phalloid fungus from the Caribbean. *Cryptogamie, Mycologie* 34: 35-44.

Lemke, P. A. (1964). The genus *Aleurodiscus* (*sensu stricto*) in North America. *Canadian Journal of Botany* 42: 213-282.

Lennox, J. W. (1979). Collybioid genera in the Pacific Northwest. *Mycotaxon* 9: 117-231.

Leonard, L. M. (2006). Melzer's, Lugol's or iodine for identification of white-spored Agaricales? *Mcllvainea* 16: 43-51.

Leontyev, D. V., M. Schnittler, S. L. Stephenson, Y. K. Novozhilov & O. N. Shchepin (2019). Towards a phylogenetic classification of the Myxomycetes. *Phytotaxa* 399: 209-238.

Lewis, D. P. & J. L. McGraw, Jr. (1984). Studies on Big Thicket Agaricales. *The Southwestern Naturalist* 29: 257-264.

Lewis, D. P. & W. C. Cibula (2000). Studies on Gulf Coast agarics (Basidiomycota: Agaricaceae); notes on some interesting and rare species. *Texas Journal of Science* 52(4), Supplement: 65-78.

Lewis, D. P. & C. L. Ovrebo (2009). Mycological literature on Texas fleshy Basidiomycota, two new combinations, and new fungal records for Texas. *Journal of the Botanical Research Institute of Texas* 3: 257-271.

Li, G. J. et al. (2016). Fungal diversity notes 253-366: taxonomic and phylogenetic contributions to fungal taxa. *Fungal diversity* 78: 1-237.

Li, H., P. E. Mortimer, S. C. Karunarathna, J. Xu & K. D. Hyde (2014). New species of *Phallus* from a subtropical forest in Xishuangbanna, China. *Phytotaxa* 163: 91-103.

Li, H., X. Ma, P. E. Mortimer, S. C. Karunarathna, J. Xu & K. D. Hyde (2016). *Phallus haitangensis*, a new species of stinkhorn from Yunnan Province, China. *Phytotaxa* 280: 116-128.

Li, L. T. & Kimbrough, J. W. (1995). Spore ontogeny in species of *Sarcoscypha*. *Mycologia* 87: 749-758.

Li, S. H., Y. C. Zhao, H. M. Chai & M. H. Zhong (2006). Two new species in the genus *Morchella* (*Pezizales, Morchellaceae*) from China. *Mycotaxon* 95: 319-322.

Li, T. H., B. Song & B. Liu (2002). Three taxa of Phallaceae in HMAS, China. *Fungal Diversity* 11: 123-127.

Li, Y.-C., B. Ortiz-Santana, N.-K. Zeng, B. Feng & Z. L. Yang (2014). Molecular phylogeny and taxonomy of the genus *Veloporphyrellus*. *Mycologia* 106: 291-306.

Liang, J. F., Z. L. Yang, J. Xu & Z. W. Ge (2010). Two new unusual *Leucoagaricus* species (Agaricaceae) from tropical China with blue-green staining reactions. *Mycologia* 102: 1141-1152.

Lickey, E. B., K. W. Hughes & R. H. Petersen. (2002). Biogeographical patterns in *Artomyces pyxidatus*. *Mycologia* 94: 461-471.

- Liimatainen, K., X. Carteret, B. Dima, I Kytövuori, A. Bidaud, P. Reumaux, T. Niskanen, J. F. Ammirati & J. -M. Bellanger (2017). *Cortinarius* section *Bicolores* and section *Saturnini* (Basidiomycota, Agaricales), a morphogenetic overview of European and North American species. *Persoonia* 39: 175-200.
- Lilleskov, E. A. & Bruns, T. D. (2001). Nitrogen and ectomycorrhizal communities: What we know, what we need to know. *New Phytologist* 149: 154-158.
- Lincoff, G. H., ed. (1981). *Simon & Schuster's guide to mushrooms*. New York: Simon & Schuster. 512 pp.
- Lincoff, G. H. (1992). *The Audubon Society field guide to North American mushrooms*. New York: Knopf. 926 pp.
- Lindner, D. & M. T. Banik (2008). Molecular phylogeny of *Laetiporus* and other brown rot polypore genera in North America. *Mycologia* 100: 417-430.
- Lindner, D. L. & M. T. Banik (2011). Intragenomic variation in the ITS rDNA region obscures phylogenetic relationships and inflates estimates of operational taxonomic units in genus *Laetiporus*. *Mycologia* 103: 731-740.
- Littlefield, L. J. & P. M. Burns (2015). *Wildflowers of the northern and central mountains of New Mexico*. Albuquerque: University of New Mexico Press. 389 pp.
- Liu, X. -Z., Q. -M. Wang, M. Göker, M. Groenewald, A. V. Kachalkin, H. T. Lumbsch, A. M. Millanes, M. Wedin, A. M. Yurkov, T. Boekhout & F. -Y. Bai (2016). Towards an integrated phylogenetic classification of the *Tremellomycetes*. *Studies in Mycology* 81: 85-147.
- Liu, Y. J., S. O. Rogers & J. F. Ammirati (1997). Phylogenetic relationships in *Dermocybe* and related *Cortinarius* taxa based on nuclear ribosomal DNA internal transcribed spacers. *Canadian Journal of Botany* 75: 519-532.
- Lloyd, C. G. (1909). Synopsis of the known phalloids. *Bulletin of the Lloyd Library* 13: 1-96.
- Lloyd, C. G. & J. A. Stevenson (1929). *Mycological Writings of C. G. Lloyd*. Volume II. Cincinnati.
- Lockwood, T. F. (2002). *Treasures from the kingdom of fungi*. Korea: Taylor Lockwood. 127 pp.
- Lodge, D. J. & D. N. Pegler (1990). Hygrophoraceae of the Loquillo Mountains of Puerto Rico. *Mycological Research* 94: 443-456.
- Lodge, D. J., M. Padamsee, P. B. Matheny, M. C. Aime, S. A. Cantrell, D. Boertmann, A. Kovalenko, A. Vizzini, B. T. M. Dentinger, P. M. Kirk, A. M. Ainsworth, J. -M. Moncalvo, R. Vilgalys, E. Larsson, R. Lucking, G. W. Griffith, M. E. Smith, L. L. Norvell, D. E. Desjardin, S. A. Redhead, C. L. Ovrebp, E. B. Lickey, E. Ercole, K. W. Hughes, R. Courtecuisse, A. Young, M. Binder, A. M. Minnis, D. L. Lindner, B. Ortiz-Santana, J. Haight, T. Laessoe, T. J. Baroni, J. Geml & T. Hattori (2013). Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). *Fungal Diversity* 64: 1-99.
- Lofgren, L., N. H. Nguyen & P. G. Kennedy (2018). Ectomycorrhizal host specificity in a changing world: can legacy effects explain anomalous current associations? *New Phytologist* 220: 1273-1284.

- Loizides, M., P. Alvarado, P. Clowez, P. -A. Moreau, L.R. de la Osa & A. Palazón (2015). *Morchella tridentata*, *M. rufobrunnea*, and *M. Kakiicolor*: a study of three poorly known Mediterranean morels, with nomenclatural updates in section *Distantes*. *Mycological Progress* 14; 1-18.
- Long, W. H. (1907). The Phalloideae of Texas. *Journal of Mycology* 13: 102-114.
- Long, W. H. (1943). Studies in the Gasteromycetes: VIII. *Battarrea laciniata*. *Mycologia* 35: 546-556.
- Long, W. H. (1945). *Polyporus farlowii* and its rot. *Lloydia* 8: 231-237.
- Long, W. H. (1946). Studies in the Gasteromycetes: XII. Five species of *Tylostoma* with membranous exoperidia. *Mycologia* 38: 77-90.
- Lonik, L. (1985). *The curious morel: Mushroom hunters' recipes, lore & advice*. USA: RKT Publishing. 134 pp.
- Looney, B. P., J. M. Birkebak & P. B. Matheny (2013). Systematics of the genus *Auricularia* with an emphasis on species from the southeastern United States. *North American Fungi* 8: 1-25.
- Looney, B. P., S. Adamčík & P. B. Matheny (2020), Coalescent-based delimitation and species-tree estimations reveal Appalachian origin and Neogene diversification in *Russula* subsection *Roseinae*. *Molecular Phylogenetics and Evolution* 147: 106787.
- López, A., D. Martínez & J. García (1981). Adiciones al conocimiento de los Phallales del estado de Veracruz. *Buletin de la Sociedad Mexicana de Micología* 16: 109-116.
- López, A., J. García & D. Martínez (1982). Primer registro de *Laternea pusilla* Berk. & Curt. y *L. triscapa* Turp. (Basidiomycetes, Clathraceae) en Mexico. *Buletin de la Sociedad Mexicana de Micología* 17: 71-75.
- López, A. R. & Juventino, G. A. (2012). *Blumenavia rhacodes*--II. *Funga Veracruzana* 134: XX-XX.
- López, A. R. & Juventino, G. (2019). *Clathrus columnatus*. *Funga Veracruzana* 184: XX-XX.
- López-Peña, D., A. Gutiérrez, E. Hernández-Navarro, R. Valenzuela & M. Esqueda (2016). Diversidad y distribución de *Ganoderma* (Polyporales: Ganodermataceae) en Sonora, México. *Botanical Sciences* 94: 431-439.
- Lowy, B. (1958). Anomalous phalloids. *Mycologia* 50: 792-794.
- Lowy, B. (1971). *Flora Neotropica Monograph No. 6: Tremellales*. New York: Hafner. 153 pp.
- Loyd, A. L., J. A. Smith, B. S. Richter, R. A. Blanchette & M. E. Smith (2017). The laccate *Ganoderma* of the southeastern United States: A cosmopolitan and important genus of wood decay fungi. University of Florida IFAS Extension publication PP333.
- Loyd, A. L., C. W. Barnes, B. W. Held, M. J. Schink, M. E. Smith, J. A. Smith & R. A. Blanchette (2018). Elucidating "lucidum": Distinguishing the diverse laccate *Ganoderma* species of the United States. *PLOS One* 13: e0199738.
- Lücking, R. et al. (2020). Unambiguous identification of fungi: where do we stand and how accurate and precise is fungal DNA barcoding? *IMA Fungus* 11: 14.

- Ludley, K. E. & C. H. Robinson (2008). 'Decomposer' Basidiomycota in Arctic and Antarctic ecosystems. *Soil Biology and Biochemistry* 40: 11-29.
- Luo, H., Mo, M., Huang, X., Li, X. & Zhang, K. (2004). *Coprinus comatus*: A basidiomycete fungus forms novel spiny structures and infects nematode. *Mycologia* 96: 1218-1225.
- Luther, B. S. & Redhead, S. A. (1981). *Crepidotus cinnabarinus* in North America. *Mycotaxon* 12: 417-430.
- Lutzoni, F. M. (1997). Phylogeny of lichen- and non-lichen-forming omphalinoid mushrooms and the utility of testing for combinability among multiple data sets. *Systematic Botany* 46: 373-406.
- Maas Geesteranus, R. A. (1967). Notes on hydnums--VII. *Persoonia* 5: 1-13.
- Maas Geesteranus, R. A. & J. A. Nannfeldt (1969). The genus *Sarcodon* in Sweden in the light of recent investigations. *Svensk Botanisk Tidskrift* 63: 401-440.
- Maas Geesteranus, R. A. (1974). Studies in the genera *Irpex* and *Steccherinum*. *Persoonia* 7: 443-581.
- Machnicki, N., L. L. Wright, A. Allen, C. P. Robertson, C. Meyer, J. M. Birkebak & J. F. Ammirati (2006). *Russula crassotunicata* identified as host for *Dendrocollybia racemosa*. *Pacific Northwest Fungi* 1.9: 1-7.
- Maekawa, N. (1993). Taxonomic study of Japanese Corticiaceae (Aphyllophorales) I. *Report of the Tottori Mycological Institute* 31: 1-149.
- Magallon-Puebla, S. & S. R. S. Cevallos-Ferriz (1993). A fossil earthstar (Geastraceae; Gasteromycetes) from the late Cenozoic of Puebla, Mexico. *American Journal of Botany* 80: 1162-1167.
- Magnago, A. C., A. C. N. Muller, R. M. B. da Dilveira (2015). *Sarcodon atroviridis* (Bankeraceae, Thelephorales): new records for the southern Atlantic Forest, Brazil. *Brazilian Journal of Botany* 38: 193-197.
- Mains, E. B. (1950). Entomogenous species of *Akanthomyces*, *Hymenostilbe* and *Insecticola* in North America. *Mycologia* 42: 566-589.
- Mains, E. B. (1954). North American species of *Geoglossum* and *Trichoglossum*. *Mycologia* 46: 586-631.
- Mains, E. B. (1955). North American hyaline-spored species of the Geoglosseae. *Mycologia* 47: 846-877.
- Mains, E. B. (1956). North American species of the Geoglossaceae, tribe Cudonieae. *Mycologia* 48: 694-710.
- Mains, E. B. (1957). Species of *Cordyceps* parasitic on *Elaphomyces*. *Bulletin of the Torrey Botanical Club* 84: 243-251.
- Mains, E. B. (1958). North American entomogenous species of *Cordyceps*. *Mycologia* 50: 169-222.

- Maldonado-Ramirez, S. L. & H. Torres-Pratts (2005). First report of *Clathrus* cf. *crispus* (Basidiomycota: Clathraceae) occurring on decomposing leaves of *Rhizophora mangle* in Puerto Rico. *Caribbean Journal of Science* 41: 357-359.
- Malysheva, E. F. & Morzova, O. V. (2009). Notes on *Hemimycena* from European Russia. *Czech Mycology* 61: 27-71.
- Maneval, W. E. (1937). A list of Missouri fungi with special reference to plant pathogens and wood-destroying species. *The University of Missouri Studies* 12: 1-149.
- Maneval, W. E. (1948). A supplementary list of Missouri fungi with special reference to plant pathogens and wood-destroying species. *The University of Missouri Studies* 22: 1-65.
- Mankel, A., Kost, G. & Kothe, E. (1998). Re-evaluation of the phylogenetic relationship among species of the genus *Tricholoma*. *Microbiological Research* 153: 377-388.
- Mansur, M., M. E. Arias, J. L. Copa-Patiño, M. Flårdh & A. E. González (2003). The white-rot fungus *Pleurotus ostreatus* secretes laccase isozymes with different substrate specificities. *Mycologia* 95: 1013-1020.
- Marincowitz, S., M. P. A. Coetzee, P. M. Wilken, B. D. Wingfield & M. J. Wingfield (2015). Phylogenetic placement of *Itajahya*: An unusual Jacaranda fungal associate. *IMA Fungus* 6: 257-262.
- Marshall, N. L. (1902). *The mushroom book: A popular guide to the identification and study of our commoner fungi, with special emphasis on the edible varieties*. New York: Doubleday, Page & Co. 167 pp.
- Martin, F., J. Díez, B. Dell & C. Delaruelle (2002). Phylogeography of the ectomycorrhizal *Pisolithus* species as inferred from nuclear ribosomal DNA ITS sequences. *New Phytologist* 153: 345-357.
- Martin, F. et al. (2008). The genome of *Laccaria bicolor* provides insights into mycorrhizal symbiosis. *Nature* 452: 88-92.
- Martin, F., J. Díez, B. Dell & C. Delaruelle (2002). Phylogeography of the ectomycorrhizal *Pisolithus* species as inferred from nuclear ribosomal DNA ITS sequences. *New Phytologist* 153: 345-357.
- Martin, G. W. (1932). On certain species of *Heterotextus*. *Mycologia* 24: 215-220.
- Martin, G. W. (1952). Revision of the north central Tremellales. *State University of Iowa Studies in Natural History* 19: 1-122.
- Martin, K. J. & R. L. Gilbertson (1976). Cultural and other morphological studies of *Sparassis radicata* and related species. *Mycologia* 68: 622-639.
- Martin, M. P. (1997). Exoperidium and spores of *Calvatia utriformis*. *Mycotaxon* 61: 381-387.
- Martin, M. P. & H. Johannesson (2000). *Battarrea phalloides* and *B. stevenii*, insight into a long-standing taxonomic puzzle. *Mycotaxon* 76: 67-75.
- Martín, M. P., F. Durán, C. Phosri & R. Watling (2013). A new species of *Pisolithus* from Spain. *Mycotaxon* 124: 149-154.

- Martín, M. P., J. Ll. Siquer, J. C. Salom, M. T. Telleria & G. Finschow (2016). Barcoding sequences clearly separate *Chroogomphus mediterraneus* (Gomphidiaceae, Boletales) from *C. rutilus*, and allied species. *Mycoscience* 57: 384-392.
- Martínez, S. & K, K, Nakasone (2005). The genus *Phanerochaete* (Corticaceae, Basidiomycotina) sensu lato in Uruguay. *Sydowia* 57: 94-101.
- Masaphy, S. (2005). External ultrastructure of fruit body initiation in *Morchella*. *Mycological Research* 109: 504-512.
- Masaphy, S., L. Zabari & D. Goldberg (2009). New long-season ecotype of *Morchella rufobrunnea* from northern Israel. *Micologia Aplicada International* 21: 45-55.
- Massicotte, H. B., R. Molina, D. L. Luoma & J. E. Smith (1994). Biology of the ectomycorrhizal genus *Rhizopogon*. II. Patterns of host-fungus specificity following spore inoculation of diverse hosts grown in monoculture and dual culture. *New Phytologist* 126: 677-690.
- Mata, J. L., R. H. Petersen & K. W. Hughes (2001). The genus *Lentinula* in the Americas. *Mycologia* 93: 1102-1112.
- Mata, J. L. & R. H. Petersen (2003). Type studies of neotropical *Collybia* species. *Mycotaxon* 86: 303-316.
- Mata, J. L., R. E. Halling, K. W. Hughes & R. H. Petersen (2004). *Rhodocollybia* in neotropical montane forests. *Mycological Progress* 3: 337-351.
- Mata, J. L., R. E. Halling & R. E. Petersen (2004). New species and mating system reports in *Gymnopus* (Agaricales) from Costa Rica. *Fungal Diversity* 16: 113-129.
- Mata, J. L., K. W. Hughes & R. H. Petersen (2006). An investigation of /omphalotaceae (Fungi: Euagarics) with emphasis on the genus *Gymnopus*. *Sydowia* 58: 191-289.
- Matheny, P. B. & Kropp, B. R. (2001). A revision of the *Inocybe lanuginosa* group and allied species in North America. *Sydowia* 53: 93-139.
- Matheny, P. B., Liu, Y. J., Ammirati, J. F. & Hall, B. D. (2002). Using RPB1 sequences to improve phylogenetic inference among mushrooms (*Inocybe*, Agaricales). *American Journal of Botany* 89: 688-698.
- Matheny, P. B. (2005). Improving phylogenetic inference of mushrooms with RPB1 and RPB2 nucleotide sequences (*Inocybe*; Agaricales). *Molecular Phylogenetics and Evolution* 35: 1-20.
- Matheny, P. B., J. M. Curtis, V. Hofstetter, M. C. Aime, J. M. Moncalvo, Z. W. Ge, Z. L. Yang, J. C. Slot, J. F. Ammirati, T. J. Baroni, N. L. Bougher, K. W. Hughes, D. J. Lodge, R. W. Kerrigan, M. T. Seidl, D. K. Aanen, M. DeNitis, G. M. Daniele, D. E. Desjardin, B. R. Kropp, L. L. Norvell, A. Parker, E. C. Vellinga, R. Vilgalys & D. S. Hibbett (2006). Major clades of Agaricales: A phylogenetic overview. *Mycologia* 98: 982-995.
- Matheny, P. B. & J. F. Ammirati (2006). *Cortinarius lucorum* (Fr.) Karst., a *Populus* associate from North America. *Pacific Northwest Fungi* 1.4: 1-10.
- Matheny, P. B., E. C. Vellinga, N. L. Bougher, O. Ceska, P. -A. Moreau, M. A. Neves & J. F. Ammirati

- (2007). Taxonomy of displaced species of *Tubaria*. *Mycologia* 99: 569-585.
- Matheny, P. B., E. A. Austin, J. M. Birkebak & A. D. Wolfenbarger (2010). *Craterellus fallax*, a Black Trumpet mushroom from eastern North America with a broad host range. *Mycorrhiza* 20: 569-575.
- Matheny, P. B. & J. Horman, interviewer (2013). P. Brandon Matheny talks about *Inocybe unicolor* and other North American inocybes. *LI Sporeprint* 21: 1-6.
- Matheny, P. B. (2017). Key to species of *Inocybe* from eastern North America--v03. Retrieved December 8, 2017 from the University of Tennessee website: http://mathenylab.utk.edu/Site/The_Inocybaceae_Post_files/Key_Inocybe_easternNA_v03.pdf
- Matheny, P. B., K. W. Hughes, J. Kalichman & R. Lebeuf (2020). *Pulverulina*, a new genus of Agaricales for *Clitocybe ulmicola*. *Southeastern Naturalist* 19: 447-459.
- Matheny, P. B., A. M. Hobbs & F. Esteve-Raventós (2020). Genera of Inocybaceae: New skin for the old ceremony. *Mycologia* 112: 83-120.
- Matočec, N., I. Kušan, D. Mrvoš & E. Raguzin (2014). The autumnal occurrence of the vernal genus *Morchella* (Ascomycota, Fungi). *Natura Croatica* 23: 163-178.
- Matsumoto, T., Y. Obatake, Y. Fukumasa-Nakai & E. Nagasawa (2003). Phylogenetic position of *Pholiota nameko* in the genus *Pholiota* inferred from restriction analysis of ribosomal DNA. *Mycoscience* 44: 197-202.
- Mattson, D. J., S. R. Podrunzy & M. A. Haroldson (2002). Consumption of fungal sporocarps by Yellowstone grizzly bears. *Ursus* 13: 95-103.
- Mazzer, S. J. & A. H. Smith (1967). New and interesting boletes from Michigan. *The Michigan Botanist* 6: 57-67.
- McDonald, J. (2015). Morphological and molecular systematics of *Resupinatus* (Basidiomycota). Ph.D. thesis, the University of Western Ontario. 299 pp.
- McFarland, J. & G. M. Mueller (2009). *Edible Wild Mushrooms of Illinois & Surrounding States*. Urbana, IL: University of Illinois Press. 212 pp.
- McFarland, K. P. & Rimmer, C. C. (1996). Horsehair fungus, *Marasmius androsaceus*, used as nest lining by birds of the subalpine spruce-fir community in the northeastern United States. *The Canadian Field-Naturalist* 110: 541-543.
- McFarlane, E. M., Pilz, D. & Weber, N. S. (2005). High-elevation gray morels and other *Morchella* species harvested as non-timber forest products in Idaho and Montana. *Mycologist* 19: 62-68.
- McIlvaine, C. & R. K. Macadam (1900). *One Thousand American Fungi*. Revised edition. Indianapolis: Bowen-Merrill Company. 729 pp.
- McKay, H. H. & P. L. Lentz (1960). Descriptions of some fungi associated with forest tree decay in Colorado. *Mycopathologia* 13: 265-286.
- McKnight, K. B., K. H. McKnight & K. T. Harper (1990). Cation exchange capacities and mineral element concentrations of macrofungal stipe tissue. *Mycologia* 82: 91-98.

- McKnight, K. H. (1969). A note on *Discina*. *Mycologia* 61: 614-630.
- McKnight, K. H. (1971). On two species of false morels (*Gyromitra*) in Utah. *The Great Basin Naturalist*. 31: 35-47.
- McKnight, K. H. (1973). Two misunderstood species of *Gyromitra* (false morel) in North America. *The Michigan Botanist* 12: 147-162.
- McKnight, K. H. & Batra, L. R. (1974). Scanning electron microscopy in taxonomy of gyromitroid fungi. *The Michigan Botanist* 13: 51-63.
- McKnight, K. H. & M. Stransky (1980). Notes on *Podaxis argentinum* from North America. *Mycologia* 72: 195-199.
- McKnight, K. H. (1985). The small-spored species of *Podaxis*. *Mycologia* 77: 24-35.
- McKnight, K. H. & McKnight, V. B. (1987). *Mushrooms* (Peterson Field Guides). New York: Houghton Mifflin. 429 pp.
- McLaughlin, D. J. & J. W. Spatafora, eds. (2014). *The mycota: A comprehensive treatise on fungi as experimental systems for basic and applied research. Volume VII: Systematics and evolution. Part A*. Berlin: Springer-Verlag. 461 pp.
- McNabb, R. F. R. (1973). Taxonomic studies on the Dacrymycetaceae VIII. *Dacrymyces* Nees ex Fries. *New Zealand Journal of Botany* 11: 461-524.
- McNeil, R. (2006). *Le grand livre des champignons du Quebec et de l'est du Canada*. Waterloo: Editions Michel Quintin. 575 pp.
- Medeiros, G. S., A. C. M. Rodrigues, R. H. S. F. Cruz, G. C. S. Melanda, A. A. Carbalho Jr. & I. G. Baseia (2017). *Phallus fluminensis* (Phallaceae, Basidiomycota), a new species of stinkhorn from the Brazilian Atlantic rainforest. *Studies in Fungi* 2: 191-198.
- Medeiros, P. S. & L. Ryvarden (2011). The genus *Microporellus* Murrill in South America. *Synopsis Fungorum* 29: 71-73.
- Medel, R. (2005). A review of the genus *Gyromitra* (Ascomycota, *Pezizales*, *Discinaceae*) in Mexico. *Mycotaxon* 94: 103-110.
- Medel, R. & J. Marmolejo (2005). Micromorfología de esporas en algunas especies de *Gyromitra* s. l. (Ascomycotina, *Pezizales*, *Discinaceae*). *Revista Mexicana de Micología* 21: 15-21.
- Medel, R., F. D. Calonge & G. Guzmán (2006). Nuevos registros de *Pezizales* (Ascomycota) de Veracruz. *Revista Mexicana de Micología* 23: 83-86.
- Medel, R., R. Castillo & G. Guzmán (2008). Las especies de *Xylaria* (Ascomycota, *Xylariaceae*) conocidas de Veracruz, México y discusión de nuevos registros. *Revista Mexicana de Micología* 28: 101-118.
- Medel, R., G. Guzmán & R. Castillo (2010). Adiciones al conocimiento de *Xylaria* (Ascomycota, *Xylariales*) en México. *Revista Mexicana de Micología* 31: 9-18.
- Medel, R. (2013). Hongos ascomicetos del bosque mesófilo de montaña en México. *Acta Botanica*

Mexicana 105: 87-107.

Medel, R., N. Palestina, G. Mata & L. A. Parra Sánchez (2018). An overview of tropical and subtropical species of *Agaricus* in Mexico. In Sánchez, J. E., G. Mata & D. J. Royse, eds. *Updates on Tropical Mushrooms. Basic and Applied Research*. San Cristóbal de Las Casas, Chiapas, México: El Colegio de la Frontera Sur. 39-47.

Melanda, G. C. S., T. Accioly, R. J. Ferreira, A. C. M. Rodrigues, T. S. Cabral, G. Coelho, M. A. Sulzbacher, V. G. Cortez, T. Grebenc, M. P. Martín & I. G. Baseia (2020). Diversity in trapped cages: Revision of *Blumenavia* Möller (Clathraceae, Basidiomycota) reveals three hidden species. *PLoS ONE* 15: e0232467.

Melera, S., C. Ostellari, N. Roemer, P. G. Avis, M. Tonolla, F. Barja & B. Narduzzi-Wicht (2017). Analysis of morphological, ecological and molecular characters of *Russula pectinatoides* Peck and *Russula praetervisa* Sarnari, with a description of the new taxon *Russula recondita* Melera & Ostellari. *Mycological Progress* 16: 117-134.

Mello, A., A. Vizzini, S. Longato, F. Rollo, P. Bonfante & J. M. Trappe (2000). *Tuber borchii* versus *Tuber maculatum*: Neotype studies and DNA analyses. *Mycologia* 92: 326-331.

Menolli Jr., N. & M. Capelari (2008). Records and two new species of *Volvariella* (*Pluteaceae*, *Agaricales*) from Brazil. *Mycotaxon* 106: 385-398.

Merino, D. M. (2014, October 1). *Spathularia flavida*. Retrieved 9 March 2019 from the *Micobotánico-Jaén* website: <http://www.micobotanicajaen.com/Revista/Articulos/DMerinoA/Pirineos20142/SpathulariaFlavida.pdf>

Mešić, A., Z. Tkalčec, I. Kušan & N. Matočec (2016). New names and combinations in the genus *Entoloma* (*Agaricales*, *Basidiomycota*). *Phytotaxa* 289: 296-300.

Methven, A. S. (n. d.). Field Key to Southern Appalachian Species of *Lactarius*. Published by the author.

Methven, A. S. (1985). New and interesting species of *Lactarius* from California. *Mycologia* 77: 472-482.

Methven, A. S. (1989). Notes on *Clavariadelphus*. I. New species from India and China. *Memoirs of the New York Botanical Garden* 49: 152-157.

Methven, A. S. (1989). Notes on *Clavariadelphus*. III. New and noteworthy species from North America. *Mycotaxon* 34: 153-179.

Methven, A. S. (1990). *The genus Clavariadelphus in North America*. Berlin: J. Cramer. 192 pp.

Methven, A. S. (1991). Notes on *Clavariadelphus*. IV. Cultural characters of *C. ligula* and *C. sachaliensis*. *Mycotaxon* 41: 9-18.

Methven, A. S. (1992). An introduction to the infrageneric classification of *Lactarius*. *Mcllvainea* 10: 29-40.

Methven, A. S. (1993). Contributions to a study of the North American species of *Lactarius*. *Mcllvainea* 11: 26-34.

- Methven, A. S. (1997). *The Agaricales of California. 10. Russulaceae II. Lactarius*. Eureka, CA: Mad River Press. 78 pp.
- Methven, A. S., K. W. Hughes & R. H. Petersen (2000). *Flammulina* RFLP patterns identify species and show biogeographical patterns within species. *Mycologia* 92: 1064-1070.
- Methven, A. S. (2008). Field key to southern Appalachian species of *Lactarius*. Retrieved December 1, 2008 from the *Asheville Mushroom Club* Web site: http://AshevilleMushroomClub.com/_files/_pdf/DrAndyMethvenLactariusKey.pdf
- Methven, A. S. (2013). North American and European species of *Lactarius*. *Scripta Botanica Belgica* 51: 91-105.
- Methven, A. S., S. E. Zelski & A. N. Miller (2013). A molecular phylogenetic assessment of the genus *Gyromitra* in North America. *Mycologia* 105: 1306-1314.
- Metzler, S. & Metzler, V. (1992). *Texas Mushrooms*. Austin: U Texas P.350 pp.
- Michelot, D. & Toth, B. (1991). Poisoning by *Gyromitra esculenta*: A review. *Journal of Applied Toxicology* 11: 235-243.
- Michelot, D. (1992). Poisoning by *Coprinus atramentarius*. *Natural Toxins* 1: 73-80.
- Miettinen, O., E. Larsson, E. Sjökvist & K. -H. Larsson (2012). Comprehensive taxon sampling reveals unaccounted diversity and morphological plasticity in a group of dimitic polypores (Polyporales, Basidiomycota). *Cladistics* 28: 251-270.
- Miettinen, O., V. Spirin, J. Vlasák, B. Rivoire, S. Stenroos & D. S. Hibbett (2016). Polypores and genus concepts in Phanerochaetaceae (Polyporales, Basidiomycota). *MycologyKeys* 17: 1-46.
- Mihail, J. D., J. N. Bruhn & P. Bonello (2007). Spatial and temporal patterns of morel fruiting. *Mycological Research* 111: 339-346.
- Mihail, J. D. & J. N. Bruhn (2007). Dynamics of bioluminescence by *Armillaria gallica*, *A. mellea* and *A. tabescens*. *Mycologia* 99: 341-350.
- Millanes, A. M., P. Diederich, S. Ekman & M. Wedin (2011). Phylogeny and character evolution in the jelly fungi (Tremellomycetes, Basidiomycota, Fungi). *Molecular Phylogenetics and Evolution* 61: 12-28.
- Miller, A. N. & Methven, A. S. (2000). Biological species concepts in eastern North American populations of *Lentinellus*. *Mycologia* 92: 792-800.
- Miller, A. N., A. Matlak, D. Raudabaugh, K. Pärtel, H. Tamm, A. S. Methven & A. Voitk (2015). The genus *Gyromitra* in NL. *Omphalina* 6: 4-15.
- Miller, A. N., D. B. Raudabaugh, T. Iturriaga, P. B. Matheny, R. H. Petersen, K. W. Hughes, M. Gube, R. A. Powers, T. Y. James & K. O'Donnell (2017). First report of the post-fire morel *Morchella exuberans* in eastern North America. *Mycologia* 109: 710-714.
- Miller, G. L., L. F. Grand & L. P. Tredway (2011). Identification and distribution of fungi associated with fairy rings on golf putting greens. *Plant Disease* 95: 1131-1138.

- Miller, H. A. & H. E. Jacques (1978). *How to know the trees*. USA: Wm. C. Brown. 263 pp.
- Miller, O. K. Jr. (1964). Monograph of *Chroogomphus* (Gomphidiaceae). I. *Mycologia* 56: 526-549.
- Miller, O. K. Jr. (1965). Three new lignicolous agarics in the Tricholomataceae. *Mycologia* 57: 933-945.
- Miller, O. K. Jr. (1966). A new western species of *Chroogomphus*. *Mycologia* 58: 855-861.
- Miller, O. K. Jr. (1967). Notes on western fungi. I. *Mycologia* 59: 504-512.
- Miller, O. K. Jr. (1968). A revision of the genus *Xeromphalina*. *Mycologia* 60: 156-188.
- Miller, O. K. Jr. (1969). A new species of *Pleurotus* with a coremioid imperfect stage. *Mycologia* 61: 887-893.
- Miller, O. K. Jr. (1970). The genus *Panellus* in North America. *The Michigan Botanist* 9: 17-30.
- Miller, O. K. Jr. & J. M. Trappe (1970). A new *Chroogomphus* with a loculate hymenium and a revised key to section *Floccigomphus*. *Mycologia* 62: 831-836.
- Miller, O. K. & Stewart, L. (1971). The genus *Lentinellus*. *Mycologia* 63: 333-369.
- Miller, O. K. Jr. (1971). The genus *Gomphidius* with a revised description of the Gomphidiaceae and a key to the genera. *Mycologia* 63: 1129-1163.
- Miller, O. K. Jr. (1972). *Mushrooms of North America*. New York: Dutton. 360 pp.
- Miller, O. K. Jr. (1973). A new gastroid genus related to *Gomphidius*. *Mycologia* 65: 226-229.
- Miller, O. K. Jr., J. G. Palmer & L. S. Gillman (1980). The fruiting and development of *Rhodotus palmatus* in culture. *Mycotaxon* 11: 409-419.
- Miller, O. K. Jr., H. H. Burdsall, Jr., G. A. Laursen & I. B. Sachs (1980). The status of *Calvatia cretacea* in arctic and alpine tundra. *Canadian Journal of Botany* 58: 2533-2542.
- Miller, O. K. Jr. & W. B. Askew (1982). The genus *Gastrosporium* in North America. *Canadian Journal of Botany* 60: 364-368.
- Miller, O. K. Jr. (1984). A new species of *Hygrophorus* from North America. *Mycologia* 76: 816-819.
- Miller, O. K. Jr. & Watling, R. (1987). Whence cometh the Agarics? A reappraisal. In *Evolutionary biology of the fungi*. Rayner, A. D. M., C. M. Brasier & D. Moore, eds. New York: Cambridge UP.
- Miller, O. K. & Miller, H. H. (1988). *Gasteromycetes: Morphological and developmental features with keys to the orders, families, and genera*. Eureka, CA: Mad River Press. 157 pp.
- Miller, O. K. Jr., Trueblood, E. & Jenkins, D. T. (1990). Three new species of *Amanita* from southwestern Idaho and southeastern Oregon. *Mycologia* 82: 120-128.
- Miller, O. K. Jr., C. L. Ovrebo & W. R. Burk (1991). *Neolysurus*: a new genus in the Clathraceae. *Mycological Research* 95: 1230-1234.

- Miller, O. K. Jr., T. J. Volk & A. E. Bessette (1996). A new genus, *Leucopholiota*, in the Tricholomataceae (Agaricales) to accommodate an unusual taxon. *Mycologia* 88: 137-139.
- Miller, O. K. Jr., D. J. Lodge & T. J. Baroni (2000). New and interesting ectomycorrhizal fungi from Puerto Rico, Mona, and Guana Islands. *Mycologia* 92: 558-570.
- Miller, O. K. Jr. & V. S. Evenson (2001). Observations on the alpine tundra species of *Hebeloma* in Colorado. *Harvard Papers in Botany* 6: 155-162.
- Miller, O. K. Jr., M. C. Aime, F. J. Camaco & U. Peintner (2002). Two new species of *Gomphidius* from the western United States and eastern Siberia. *Mycologia* 94: 1044-1050.
- Miller, O. K. Jr. (2003). The Gomphidiaceae revisited: a worldwide perspective. *Mycologia* 95: 176-183.
- Miller, O. K. Jr., R-L. Brace & V. Evenson (2005). A new subspecies of *Mycenastrum corium* from Colorado. *Mycologia* 97: 530-533.
- Miller, O. K. Jr. & H. H. Miller (2006) *North American Mushrooms: A Field Guide to Edible and Inedible Fungi*. Helena, Montana: Falconguide. 584 pp.
- Miller, S. L., P. Torres & T. M. McClean (1993). Basidiospore viability and germination in ectomycorrhizal and saprotrophic basidiomycetes. *Mycological Research* 97: 141-149.
- Miller, S. L., P. Torres & T. M. McClean (1994). Persistence of basidiospores and sclerotia of ectomycorrhizal fungi and *Morchella* in soil. *Mycologia* 86: 89-95.
- Miller, S. L. & T. Lebel (1999). Hypogeous fungi from the southeastern United States. II. The genus *Zelleromyces*. *Mycotaxon* 62: 15-25.
- Miller, S. L., T. M. McClean, J. F. Walker & B. Buyck (2001). A molecular phylogeny of the Russulales including agaricoid, gasteroid and pleurotoid taxa. *Mycologia* 93: 344-354.
- Miller, S. L. (2004). New and interesting species of *Russula* from the southeastern United States 1. *Russula billsii*. *Mycotaxon* 89: 31-38.
- Miller, S. L., E. Larsson, K. H. Larsson, A. Verbeken & J. Nuytinck (2006). Perspectives in the new Russulales. *Mycologia* 98: 960-970.
- Miller, S. L., T. M. McClean & B. Buyck (n.d.). Molecular phylogeny of the genus *Russula* in Europe with a comparison of modern infrageneric classifications. Unpublished manuscript.
- Mills, A. K., T. W. May, B. A. Fuhrer, D. A. Ratkowsy & A. V. Ratkowsky (1997). *Clastula*: the forgotten phalloid. *Mycologist* 11: 31-35.
- Milne, L. & M. Milne (1980). *National Audubon Society field guide to North American insects and spiders*. New York: Alfred A. Knopf. 989 pp.
- Minnis, A. M., W. J. Sundberg, A. S. Methven, S. D. Sipes & D. L. Nickrent. (2006). Annulate *Pluteus* species, a study of the genus *Chamaeota* in the United States. *Mycotaxon* 96: 31-39.
- Minnis, A. M. & W. J. Sundberg (2010). *Pluteus* section *Celluloderma* in the U. S. A. *North American*

Fungi 5: 1-107.

Minnis, A. M., A. R. McTaggart, A. Y. Rossman & M. C. Aime (2012). Taxonomy of mayapple rust: the genus *Allodus* resurrected. *Mycologia* 104: 942-950.

Minter, D. W. (1988). *Colpoma quercinum*. CMI descriptions of pathogenic fungi and bacteria no. 942. *Mycopathologia* 102: 53-54.

Mitchel, D. H. & Smith, A. H. (1976). Notes on Colorado fungi II. Species of *Armillaria* (Fr.) Kummer. (Agaricales) *Mycotaxon* 4: 513-533.

Mitchel, D. H. & Smith, A. H. (1978). Notes on Colorado fungi III: New and interesting mushrooms from the aspen zone. *Mycologia* 70: 1040-1063.

Mitchell, A. (1987). *Trees of North America*. San Diego: Thunder Bay Press. 208 pp.

Mitchell, A. D. & Brseinsky, A. (1999). Phylogenetic relationships of *Agaricus* species based on ITS-2 and 28S ribosomal DNA sequences. *Mycologia* 91: 811-819.

Mitchel, D. H. & Smith, A. H. (1975). Notes on Colorado fungi I. *Hygrophorus amarus*. *Mycologia* 67: 672-674.

Mitchel, D. H. & A. H. Smith (1976). Notes on Colorado fungi II. Species of *Armillaria* (Fr.) Kummer (Agaricales). *Mycotaxon* 4: 513-533.

Mitchel, D. H. & Smith, A. H. (1978). Notes on Colorado fungi III: New and interesting mushrooms from the aspen zone. *Mycologia* 70: 1040-1063.

Mitchell, J.I., P. J. Roberts & S. T. Moss (1995). Sequence or structure? A short review on the application of nucleic acid sequence information to fungal taxonomy. *Mycologist* 9, 67-75.

Mleczko, P. (2004). *Rhodocollybia butyracea* (Bull.:Fr.) Lennox (forma butyracea) + *Pinus sylvestris* L. In Agerer, R., R. M. Danielson, S. Egli, K. Ingleby, D. Luoma & R. Treu, eds. *Descriptions of Ectomycorrhizae 7/8*: 101-108.

Mleczko, P. & M. Ronikier (2007). Features of ectomycorrhizae confirm molecular phylogenetics of *Suillus* (Boletales) rather than carpophore-based systematics: insights from studies on *Suillus variegatus*, *S. plorans* and related species. *Nova Hedwigia* 84: 1-20.

Mleczko, P., M. Kozak, M. Ławrynowicz & A. Górszczyk (2009). New localities of *Chamonixia caespitosa* (hypogeous *Boletaceae*) in central Europe. *Acta Mycologica* 44: 29-42.

Moberg, R. (1970). *Neogyromitra caroliniana* and *N. gigas* in Fennoscandia. *Friesia* 9: 341-343.

Moeller, F. H. (1951). Danish *Psalliota* species. Preliminary studies for a monograph of Dutch Psalliotae. Part II. *Friesia* 4: 1-60.

Mogradio, L. N., M. E. Noordeloos, Y. Lamoureux & J. Geml (2013). Multi-gene phylogenetic analyses reveal species limits, phylogeographic patterns, and evolutionary histories of key morphological traits in *Entoloma* (Agaricales, Basidiomycota). *Persoonia* 31: 159-178.

Mohlenbrock, R. H. (2006). *Forest trees of Illinois*. Springfield, IL: Illinois Department of Natural Resources. 331 pp.

- Mohlenbrock, R. H. (2014). *Vascular flora of Illinois: A field guide*. Fourth edition. USA: Southern Illinois University Press. 536 pp.
- Moiseenko, K. V., O. A. Glazunova, N. V. Shakhova, O. S. Savinova, D. V. Vasina, T. V. Tyazhelova, N. V. Psurtseva & T. V. Fedorova (2019). Fungal adaptation to the advanced stages of wood decomposition: Insights from the *Steccherinum ochraceum*. *Microorganisms* 7: 527.
- Molina, R. & J. M. Trappe (1994). Biology of the ectomycorrhizal genus *Rhizopogon*. I. Host associations, host-specificity and pure culture syntheses. *New Phytologist* 126: 653-675.
- Moncalvo, J. -M., S. A. Rehner & R. Vilgalys (1993). Systematics of *Lyophyllum* section *Difformia* based on evidence from culture studies and ribosomal DNA sequences. *Mycologia* 85: 788-794.
- Moncalvo, J. -M., H. -H. Wang & R. -S. Hseu (1995). Phylogenetic relationships in *Ganoderma* inferred from the internal transcribed spacers and 25S ribosomal DNA sequences. *Mycologia* 87: 223-238.
- Moncalvo, J. -M., Drehmel, D. & Vilgalys, R. (2000). Variations in modes and rates of evolution in nuclear and mitochondrial ribosomal DNA in the mushroom genus *Amanita* (Agaricales, Basidiomycota): Phylogenetic implications. *Molecular Phylogenetics and Evolution* 16: 48-63.
- Moncalvo, J. -M., F. M. Lutzoni, S. A. Rehner, J. Johnson & R. Vilgalys (2000). Phylogenetic relationships of agaric fungi based on nuclear large subunit ribosomal DNA sequences. *Syst. Biol.* 49: 278-605.
- Moncalvo, J. -M., R. Vilgalys, S. A. Redhead, J. E. Johnson, T. Y. James, M. C. Aime, V. Hofstetter, S. J. W. Verduin, E. Larsson, T. J. Baroni, R. G. Thorn, S. Jacobsson, H. Clemencon & O. K. Miller Jr. (2002). One hundred and seventeen clades of euagarics. *Molecular Phylogenetics and Evolution* 23: 357-400.
- Moncalvo, J. -M., R. H. Nilsson, B. Koster, S. M. Dunham, T. Bernauer, P. B. Matheny, T. M. Porter, S. Margaritescu, M. Weiss, S. Garnica, E. Danall, G. Langer, E. Langer, E. Larsson, K. H. Larsson & R. Vilgalys (2006). The cantharelloid clade: dealing with incongruent gene trees and phylogenetic reconstruction methods. *Mycologia* 98: 937-948.
- Mondiet, N., M.-P. Dubois & M.-A. Selosse (2007). The enigmatic *Squamanita odorata* (Agaricales, Basidiomycota) is parasitic on *Hebeloma mesophaeum*. *Mycological Research* 111: 599-602.
- Money, N. P. (1998). More g's than the Space Shuttle: Ballistospore discharge. *Mycologia* 90: 547-558.
- Money, N. P. (2002). *Mr. Bloomfield's orchard: The mysterious world of mushrooms, molds, and mycologists*. New York: Oxford UP. 208 pp.
- Money, N. P. (2002). Mushroom stem cells. *BioEssays* 24: 949-952.
- Money, N. P. (2004). *Carpet monsters and killer spores: A natural history of toxic mold*. New York: Oxford UP. 178 pp.
- Money, N. P. (2004). The fungal dining habit: a biomechanical perspective. *Mycologist* 18: 71-76.

- Money, N. P. (2005). Why picking wild mushrooms may be bad behaviour. *Mycological Research* 109: 131-135.
- Money, N. P. & J. P. Ravishankar (2005). Biomechanics of stipe elongation in the basidiomycete *Coprinopsis cinerea*. *Mycological Research* 109: 627-634.
- Money, N. P. (2011). *Mushroom*. New York: Oxford UP. 201 pp.
- Money, N. P. (2013). Against the naming of fungi. *Fungal Biology* 117: 463-465.
- Money, N. P. (2016). Are mushrooms medicinal? *Fungal Biology* 120: 449-453.
- Monoson, H. L., A. S. Methven & W. J. Sundberg (1993). Illinois species of *Volvariella* (Basidiomycetes, Agaricales, Pluteaceae). *Mycotaxon* 49: 269-278.
- Montecchio, L., S. Rossi, R. Causin & A. Grendene (2006). *Leccinum lepidum* (H. Bouchet ex Essette) Bon & Contu + *Quercus ilex* L. In Agerer, A., R. M. Danielson, S. Egli, K. Ingleby, D. Luoma & R. Treu, eds. *Descriptions of ectomycorrhizae* 9/10: 55-60.
- Montoya, A., O. Hernández-Totomoch, A. Estrada-Torres, A. Kong & J. Caballero (2003). Traditional knowledge about mushrooms in a Nahuatl community in the state of Tlaxcala, Mexico. *Mycologia* 95: 793-806.
- Montoya, L., G. Guzman & V. M. Bandala (1990). New records of *Lactarius* from Mexico and discussion of the known species. *Mycotaxon* 38: 349-395.
- Montoya, L. & V. M. Bandala (1991). Studies on the genus *Phylloporus* in Mexico, I. Discussion of the known species and description of a new species and a new record. *Mycotaxon* 41: 471-482.
- Montoya, L., V. M. Bandala & G. Guzman (1996). New and interesting species of *Lactarius* from Mexico including scanning electron microscope observations. *Mycotaxon* 57: 411-424.
- Montoya, L. & V. M. Bandala (1996). Additional new records on *Lactarius* from Mexico. *Mycotaxon* 57: 425-450.
- Montoya, L., N. Ayala, V. M. Bandala & G. Moreno (1998). Studies on *Lactarius* from Mexico: First report of *Lactarius rufulus*. *Documents Mycologiques* 28: 109-110.
- Montoya, L., V. M. Bandala & G. Moreno (1998). Studies of *Lactarius* from Mexico: a new species in subgenus *Piperites*. *Persoonia* 17: 127-134.
- Montoya, L., V. M. Bandala, S. Herrera & J. Ortiz (1998). An interesting record of *Lactarius* from the Gulf and Caribe. *Zeitschrift für Mykologie* 64: 91-96.
- Montoya, L., V. M. Bandala & R. Halling (2003). *Lactarius furcatus* in Mexico and Costa Rica. *Mycotaxon* 87: 311-316.
- Montoya, L. & V. M. Bandala (2003). Studies on *Lactarius*: A new combination and two new species from Mexico. *Mycotaxon* 85: 393-407.
- Montoya, L. & Bandala, V. M. (2004). *Lactarius* subgenus *Piperites*: A new species and a new name. *Mycotaxon* 89: 47-54.

- Montoya, L. & V. M. Bandala (2004). Studies on *Lactarius*: A new species from the Gulf of Mexico area. *Cryptogamie, Mycologie* 25: 15-21.
- Montoya, L., V. M. Bandala & D. Jarvio (2005). New records of *Hygrocybe* from the Gulf of Mexico area. *Mycotaxon* 91: 471-480.
- Montoya, L. & V. M. Bandala (2005). A new species and a new record of *Lepiota* occurring in the Gulf of Mexico area. *Mycotaxon* 94: 111-125.
- Montoya, L. & V. M. Bandala (2005). Revision of *Lactarius* from Mexico. Additional new records. *Persoonia* 18: 471-483.
- Montoya, L., V. M. Bandala & M. Mata (2007). Studies on *Lactarius*: Two new records from Costa Rica and additional information from Mexico. *Mycotaxon* 99: 279-290.
- Montoya, L. & V. M. Bandala (2007). *Hygrophorus virescens* is transferred to *Hygrocybe*. *Mycotaxon* 99: 345-346.
- Montoya, L. & V. M. Bandala (2008). A new species and new records of *Lactarius* (subgenus *Russularia*) in a subtropical cloud forest from eastern Mexico. *Fungal Diversity* 29: 61-72.
- Montoya, L., I. Haug & V. M. Bandala (2010). Two *Lactarius* species associated with a relict *Fagus grandifolia* var. *mexicana* population in a Mexican montane cloud forest. *Mycologia* 102: 153-162.
- Montoya, L., E. Garay-Serrano & V. M. Bandala (2019). Two new species of *Phylloporus* (Fungi, Boletales) from tropical *Quercus* forests in eastern Mexico. *MycKeys* 51: 107-123.
- Moore, D., B. Hock, J. P. Greening, V. D. Kern, L. N. Frazer & J. Monzer (1996). Gravimorphogenesis in agarics. *Mycological Research* 100: 257-273.
- Morales, M. I. & J. W. Kimbrough (1978). The Lycoperdaceae of North Central Florida. I. The genera *Calvatia* and *Disciseda*. *Revista de Biología Tropical* 26: 227-236.
- Morales-Torres, E., M. Villegas, J. Cifuentes & R. E. Tulloss (1999). Revision of *Amanita alexandri* and its similarity to *Amanita polypyramis*. *Mycotaxon* 73: 477-491.
- Moravec, J. (1980). A new collection of *Aleuria cestricea* (Ell. et. Ev.) Seaver from Bulgaria and comments to *Aleuria dalhousiensis* Thind et Waraitch. *Česká Mykologie* 34: 217-221.
- Moravec, J. (1985). A taxonomic revision of the genus *Sowerbyella* Nannfeldt (Discomycetes, Pezizales). *Mycotaxon* 23: 483-496.
- Moravec, J. (1985). Czechoslovak records 26. *Aleuria rhenana* Fuckel. *Česká Mykologie* 39: 165-168.
- Moravec, J. (1988). A key to the species of *Sowerbyella* (Discomycetes, Pezizales). *Česká Mykologie* 42: 193-199.
- Moravec, J. (1994). Some new taxa and combinations in the Pezizales. *Česká Mykologie* 47: 261-269.
- Moreau, P.-A. (2005). A nomenclatural revision of the genus *Alinicola* (Coariniaceae). *Fungal Diversity* 20: 121-155.

Moreau, P. -A., U. Peintner & M. Gardes (2006). Phylogeny of the ectomycorrhizal mushroom genus *Alnicola* (Basidiomycota, Cortinariaceae) based on rDNA sequences with special emphasis on host specificity and morphological characters. *Molecular Phylogenetics and Evolution* 38: 794-807.

Moreno, G., A. Banares & M. Heykoop (1995). *Macrolepiota molybdites* (Meyer: Fr.) *comb. nov.*, new to the Canary Islands. *Mycotaxon* 55: 467-471.

Moreno, G. & M. Heykoop (1998). Type studies in the genus *Coprinus* (Coprinaceae, Agaricales). *Coprinus xerophilus* a new record in Europe. *Persoonia* 17: 97-111.

Moreno, G., N. Ayala & F. E. Raventós (1997). *Tricholoma albidulum* *sp. nov.* (Tricholomataceae, Agaricales) from Baja California, Mexico. *Mycotaxon* 63: 383-387.

Moreno, G. & M. Heykoop (1998). Type studies in the genus *Coprinus* (Coprinaceae, Agaricales): *Coprinus xerophilus*, a new record in Europe. *Persoonia* 17: 97-111.

Moreno, G., M. N. Blanco, I. Olariaga & J. Checa (2007). *Climacodon pulcherrimus* a badly known tropical species, present in Europe. *Cryptogamie, Mycologie* 28: 3-11.

Moreno, G., A. N. Khalid & P. Alvarado (2009). A new species of *Phallus* from Pakistan. *Mycotaxon* 108: 457-462.

Moreno, G., M. Heykoo, M. Esqueda & I. Olariaga (2015). Another lineage of secotioid fungi is discovered: *Psathyrella secotioides* *sp. nov.* from Mexico. *Mycological Progress* 14: 1-8

Morgan, A. P. (1906, 1907). North American species of *Lepiota*. *The Journal of Mycology* 12: 154-159, 195-203, 242-248; 13: 1-18.

Morse, E. E. (1933). A study of the genus *Podaxis*. *Mycologia* 25: 1-33.

Morse, E. E. (1941). *Podaxis pistillaris*. II. *Mycologia* 33: 609-610.

Moser, M. (1949). Über das massenaufreten von Formen der Gattung *Morchella* auf Waldbrandflächen. *Sydowia, Annales Mycologici ser. II*, 3: 174-195.

Moser, M. (1983). *Keys to Agarics and Boleti (Polyporales, Boletales, Agaricales, Russulales)*. Ed. Kibby, G. Transl. Plant, S. London: Roger Phillips. 535 pp.

Moser, M. (1984). *Panaeolus alcidis*, a new species from Scandinavia and Canada. *Mycologia* 76: 551-554.

Moser, M. (1993). Studies on North American Cortinariii. III. The *Cortinarius* flora of dwarf and shrubby *Salix* associations in the alpine zone of the Windriver Mountains, Wyoming, USA. *Sydowia* 45: 275-306.

Moser, M. M., K. H. McKnight & J. F. Ammirati (1995). Studies on North American *Cortinariii* I. New and interesting taxa from the greater Yellowstone area. *Mycotaxon* 55: 301-346.

Moser, M. M. & J. F. Ammirati (1996). Studies in North American *Cortinariii* II. Interesting and new species collected in the North Cascade Mountains, Washington. *Mycotaxon* 58: 387-412.

Moser, M. M. & J. F. Ammirati (1997). Studies on North American Cortinariii IV. New and interesting *Cortinarius* species (subgenus *Phlegmacium*) from oak forests in northern California. *Sydowia* 49:

25-48.

Moser, M. M. & J. F. Ammirati (1999). Studies in North American *Cortinarii* V. New and interesting *Phlegmacia* from Wyoming and the Pacific Northwest. *Mycotaxon* 72: 289-321.

Moser, M. M. (2002). Studies in the North American Cortinarii VII. New and interesting species of *Cortinarius* subgen. *Telamonia* (Agaricales, Basidiomycotina) from the Rocky Mountains. *Feddes Repertorium* 113: 48-62.

Motato-Vásquez, V. & A. de Mello Gugliotta (2016). The genus *Microporellus* (Basidiomycota, Polyporales) in the Neotropics. *Nova Hedwigia* 103: 225-238.

Moukha, S., C. Férandon, E. Beroard, J. Guinberteau, B. Castandet, P. Callac, E. Creppy & G. Barroso (2013). A molecular contribution to the assessment of the *Tricholoma equestre* complex. *Fungal Biology* 117: 145-155.

Mueller, G. M. (1984). New North American species of *Laccaria* (Agaricales). *Mycotaxon* 20: 101-116.

Mueller, G. M. (1987). Designation of type collections for *Laccaria proxima*, *L. tortilis*, and *L. trullissata*. *Mycotaxon* 28: 303-311.

Mueller, G. M. (1991). *Laccaria longipes*, a new North American species of the *Laccaria laccata* complex. *Mycotaxon* 40: 145-150.

Mueller, G. M. (1991). *Laccaria laccata* complex in North America and Sweden: Inter-collection pairing and morphometric analyses. *Mycologia* 83: 578-594.

Mueller, G. M. (1997). The mushroom genus *Laccaria* in North America. Retrieved from the Field Museum of Natural History Web site: http://www.fieldmuseum.org/research_collections/botany/botany_sites/fungi/index.html

Mueller, G. M., R. E. Halling, J. Carranza, M. Mata & J. P. Schmit (2006). Saprotrophic and ectomycorrhizal macrofungi of Costa Rican oak forests. In M. Kappelle, ed. *Ecological Studies, Vol. 185: Ecology and Conservation of Neotropical Montane Oak Forests*. 55-68.

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. Wu (2007). Global diversity and distribution of macrofungi. *Biodiversity Conservation* 16: 37-48.

Murie, O. J. (1982). *A field guide to animal tracks*. Second edition. Boston: Houghton Mifflin. 375 pp.

Murata, H., K. Babasaki, Y. Miyazaki & A. Yamada (2002). Genetic evidence that two types of retroelements evolved through different pathways in ectomycorrhizal Homobasidiomycetes *Tricholoma* spp. *Bioscience, Biotechnology, and Biochemistry* 66: 1880-1886.

Murata, H., Y. Ota, M. Yamaguchi, A. Yamada, S. Katahata, Y. Otsuka, K. Babasaki & H. Neda (2013). Mobile DNA distributions refine the phylogeny of "matsutake" mushrooms, *Tricholoma* sect. *Caligata*. *Mycorrhiza* 23: 447-461.

Murphy, J. F. (1997). Intersterility groups in *Collybia subnuda*. *Mycologia* 89: 566-577.

- Murrill, W. A. (1904). The Polyporaceae of North America--VII. The genera *Hexagona*, *Grifola*, *Romellia*, *Coltricia* and *Coltriciella*. *Bulletin of the Torrey Botanical Club* 31: 325-348.
- Murrill, W. A. (1905). The Polyporaceae of North America--XII. A synopsis of the white and bright-colored pileate species. *Bulletin of the Torrey Botanical Club* 32: 469-493.
- Murrill, W. A. (1907-1916). *North American Flora*, Volume 9: (Agaricales) Polyporaceae-Agaricaceae. New York Botanical Garden.
- Murrill, W. A. (1909). The Boletaceae of North America I. *Mycologia* 1: 4-18.
- Murrill, W. A., (1911). The agaricaceae of tropical North America: II. *Mycologia* 3: 79-91.
- Murrill, W. A. (1912). The Agaricaceae of the Pacific Coast--II. *Mycologia* 4: 231-262.
- Murrill, W. A. (1912). The Agaricaceae of the Pacific Coast: III. *Mycologia* 4: 294-308.
- Murrill, W. A. (1913). The Agaricaceae of tropical North America - VI. *Mycologia* 5: 18-36.
- Murrill, W. A. (1913). The amanitas of eastern North America. *Mycologia* 5: 72-86.
- Murrill, W. A. (1913). The Agaricaceae of the Pacific Coast - IV. New species of *Clitocybe* and *Melanoleuca*. *Mycologia* 5: 206-223.
- Murrill, W. A. (1914). *American boletes*. New York: W. A. Murrill. 40 pp.
- Murrill, W. A. (1915). The genus *Clitocybe* in North America. *Mycologia* 7: 256-283.
- Murrill, W. A. (1915). *Western Polypores*. New York: W. A. Murrill. 36 pp.
- Murrill, W. A. (1938). New Florida agarics. *Mycologia* 30: 359-371.
- Murrill, W. A. (1938). New boletes. *Mycologia* 30: 520-525.
- Murrill, W. A. (1940). Additions to Florida fungi--II. *Bulletin of the Torrey Botanical Club* 67: 57-66.
- Murrill, W. A. (1940). Additions to Florida fungi--III. *Bulletin of the Torrey Botanical Club* 67: 145-154.
- Murrill, W. A. (1940). Additions to Florida fungi--V. *Bulletin of the Torrey Botanical Club* 67: 275-281.
- Murrill, W. A. (1941). More Florida novelties. *Mycologia* 33: 434-448.
- Murrill, W. A. (1945). More Florida fungi. *Lloydia* 8: 263-289.
- Murrill, W. A. (1949). Terrestrial Basidiomycete fungi of Florida high-pine woods. *Ecology* 30: 377-382.
- Murrill, W. A. (1972). Keys to the fleshy Basidiomycetes of Florida. Ed. J. W. Kimbrough. Gainesville, FL: Institute of Food and Agricultural Sciences, University of Florida. 199 pp.
- Nagy, L. G., S. Kocsube, T. Papp & C. Vagvolgyi (2008). Phylogeny and character evolution of the coprinoid mushroom genus *Parasola* as inferred from LSU and ITS nrDNA sequence data. *Persoonia* 32: 28-37.

- Nagy, L. G., G. Walther, J. Hazi, C. Vagvolgyi & T. Papp (2011). Understanding the evolutionary processes of fungal fruiting bodies: correlated evolution and divergence times in the Psathyrellaceae. *Systematic Biology* 60: 303-317.
- Nagy, L. G., C. Vágvolgyi & T. Papp (2012). Morphological characterization of clades of the Psathyrellaceae (Agaricales) inferred from a multigene phylogeny. *Mycological Progress* 12: 505-517.
- Nakasone, K. K. & H. H. Burdsall (1984). *Merulius*, a synonym of *Phlebia*. *Mycotaxon* 21: 241-246.
- Nannfeldt, J. A. (1942). The Geoglossaceae of Sweden (with regard also to the surrounding countries). *Arkiv för Botanik* 30: 1-67.
- Nannfeldt, J. A. (1972). *Camarops* Karst. (Spheriales-Boliniaceae) with special regard to its European species. *Svensk Botanisk Tidskrift* 66: 335-376.
- Nauta, M. M. (2003). A new *Agrocybe* on woodchips in northwestern Europe. *Persoonia* 18: 271-274.
- Nauta, M. M. (2004). Notulae ad floram agaricinam Neerlandicam--XLIII. Notes on *Agrocybe*. *Persoonia* 18: 429-433.
- Nealis, V., J. Ginns & W. I. Illman (1977). *Lysurus gardneri*, an uncommon stinkhorn observed in eastern Ontario. *The Canadian Field-Naturalist* 91: 194-196.
- Nelsen, S. F. (2010). Bluing components and other pigments of boletes. *Fungi* 3: 11-14.
- Nepal, M. P., M. H. Mayfield & C. J. Ferguson (2012). Identification of eastern North American *Morus* (Moraceae): taxonomic status of *M. murrayana*. *Phytoneuron* 26: 1-6.
- Neves, M. A. (2007). Key to *Phylloporus* (excluding Africa). Retrieved March 18, 2008 from the New York Botanical Garden Web site: <http://www.nybg.org/bsci/res/hall/boletes/PhylloporusKey.pdf>
- Neves, M. A. & R. E. Halling (2010). Study on species of *Phylloporus* I: Neotropics and North America. *Mycologia* 102: 923-943.
- Neves, M. A., M. Binder, R. 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.
- Neville, P. & S. Poumarat (2004). *Amaniteae: Amanita, Limacella & Torrendia*. *Fungi Europaei* Vol. 9. Alassio, Italy: 1120 pp.
- Nguyen, N. H., J. F. Kerekes, E. C. Vellinga & T. D. Bruns (2012). Synonymy of *Suillus imitatus*, the imitator of two species within the *S. caeruleus/ponderosus* complex. *Mycotaxon* 122: 389-398.
- Nguyen, N. H., F. Landeros, R. Garibay-Orijel, K. Hansen & E. C. Vellinga (2013). The *Helvella lacunosa* species complex in western North America: cryptic species, misapplied names and parasites. *Mycologia* 105: 1275-1286.
- Nguyen, N. H., D. Smith, K. Peay & P. Kennedy (2014). parsing ecological signal from noise in next generation amplicon sequencing. *New Phytologist* 205: 1389-1393.
- Nguyen, N. H., E. C. Vellinga, T. D. Bruns & P. G. Kennedy (2016). Phylogenetic assessment of global *Suillus* ITS sequences supports morphologically defined species and reveals synonymous and

undescribed taxa. *Mycologia* 108: 1216-1228.

Nguyen, N. H. (2018). Longevity of light- and dark-colored basidiospores from saprotrophic mushroom-forming fungi. *Mycologia* 110: 131-135.

Niemelä, T. & R. Saarenoksa (1989). On Fennoscandian polypores 10. *Boletopsis leucomelaena* and *B. grisea* described and illustrated. *Karstenia* 29: 12-28.

Niemelä, T. & O. Miettinen (2008). The identity of *Ganoderma applanatum* (Basidiomycota). *Taxon* 57: 963-966.

Nilsson, S. & O. Persson (1978). *Fungi of northern Europe 2: Gill-fungi*. Transl. D. Rush. D. Pegler & B. Spooner, eds. Middlesex: Penguin Books. 130 pp.

Nishida, F. H. Key to the species of *Inocybe* in California. *Mycotaxon* 34: 181-196.

Niskanen, T. (2008). *Cortinarius* subgenus *Telamonia* in North Europe. Doctoral dissertation, University of Helsinki. Helsinki, Finland.

Niskanen, T., I. Kytovuori & K. Liimatainen (2011). *Cortinarius* sect. *Armillati* in northern Europe. *Mycologia* 103: 1080-1101.

Niskanen, T., S. Laine, K. Liimatainen & I. Kytovuori (2012). *Cortinarius sanguineus* and equally red species in Europe with an emphasis on northern European material. *Mycologia* 104: 242-253.

Niskanen, T., K. Liimatainen, J. F. Ammirati & K. Hughes (2013). *Cortinarius* section *Sanguinei* in North America. *Mycologia* 105: 344-356.

Niskanen, T., K. Liimatainen, I. Kytövuori, H. Lindström, B. T. M. Dentiger & J. F. Ammirati (2016). *Cortinarius* subgenus *Callistei* in North America and Europe—type studies, diversity, and distribution of species. *Mycologia* 108: 1018-1027.

Niskanen, T., K. Liimatainen, J. Nuytinck, P. Kirk, I. O. Ibarra, R. Garibay-Orijel, L. Norvell, S. Huhtinen, I. Kytövuori, J. Ruotsalainen, T. Niemelä, J. F. Ammirati & L. Tedersoo (2018). Identifying and naming the currently known diversity of the genus *Hydnum*, with an emphasis on European and North American taxa. *Mycologia* 110: 890-918.

Noffsinger, C., C. L. Cripps & E. Horak (2020). A 200-year history of arctic and alpine fungi in North America: Early sailing expeditions to the molecular era. *Arctic, Antarctic, and Alpine Research* 52: 323-340.

Nonis, U. (1979). *Lysurus mokusin* (Linn.) Fr. in Italia. *Micologia Italiana* 8: 39-41.

Nonis, U. (2001). *500 Funghi*. Ivrea, Italy: Priuli & Verlucca. 500 pp.

Noordeloos, M. E. (1979). *Entoloma* subgenus *Pouzaromyces* Emend. In Europe. *Persoonia* 10: 207-243.

Noordeloos, M. E. (1979). Type studies on Entolomatoid species in the Velenovsky Herbarium—I. *Persoonia* 10: 245-265.

Noordeloos, M. E. (1980). *Entoloma* subgenus *Nolanea* in the Netherlands and adjacent regions with a reconnaissance of its remaining taxa in Europe. *Persoonia* 10: 427-534.

- Noordeloos, M. E. (1981). Introduction to the taxonomy of the genus *Entoloma sensu lato* (Agaricales). *Persoonia* 11: 121-151.
- Noordeloos, M. E. (1981). *Entoloma* subgenera *Entoloma* and *Allocybe* in the Netherlands and adjacent regions with a reconnaissance of their remaining taxa in Europe. *Persoonia* 11: 153-256.
- Noordeloos, M. E. (1981). *Entoloma* subgenus *Nolanea*—Additions. *Persoonia* 11: 257.
- Noordeloos, M. E. (1982). *Entoloma* subgenus *Leptonia* in northwestern Europe—I. Introduction and a revision of its section *Leptonia*. *Persoonia* 11: 451-471.
- Noordeloos, M. E. (1984). Studies in *Entoloma*—10-13. *Persoonia* 12: 195-223.
- Noordeloos, M. E. (1981). *Entoloma in North America*. Stuttgart: Gustav Fischer Verlag. 164 pp.
- Noordeloos, M. E., A. Hausknecht & A. Zuccherelli (1994). *Entoloma cettoi*, eine neue Art aus Italien. *Ost. Zeitschr. F. Pilzk.* 3: 25-28.
- Noordeloos, M. E. (1994). Studies in *Entoloma* 14. Some new species and new records. *Ost. Zeitschr. F. Pilzk.* 3: 29-39.
- Noordeloos, M. E. (1995). Notulae ad floram agaricinam Neerlandicam—XXIII. *Psilocybe and Pholiota*. *Persoonia* 16: 127-129. .
- Noordeloos, M. E. (1999). An introduction to the genus *Tricholoma*. *Coolia* 42: 163-182.
- Noordeloos, M. E. & T. W. Kuyper (1999). Notulae ad floram agaricinam Neerlandicam - XXXV: On the typification of *Lactarius necator*. *Persoonia* 17: 291-294.
- Noordeloos, M. E. (2001). Studies in *Psilocybe* sect. *Psilocybe*. *Österreichische Zeitschrift für Pilzkunde* 10: 115-180.
- Noordeloos, M. E., Th. W. Kuyper & E. C. Vellinga (2001). *Flora Agaricina Neerlandica: Critical monographs on families of agarics and boleti occurring in the Netherlands. Volume 5*. Lisse: A. A. Balkema. 169 pp.
- Noordeloos, M. E. & A. Hausknecht (2002). Wetere neue *Entoloma*--Arten sus Sudeuropa. *Österreichische Zeitschrift für Pilzkunde* 11: 117-131.
- Noordeloos, M. E., Th. W. Kuyper & E. C. Vellinga (2005). *Flora Agaricina Neerlandica: Critical monographs on families of agarics and boleti occurring in the Netherlands. Volume 6*. Boca Raton: Taylor & Francis. 227 pp.
- Noordeloos, M. E. & A. Hausknecht (2007). The genus *Entoloma* (Basidiomycetes, Agaricales) of the Mascarenes and Seychelles. *Fungal Diversity* 27: 111-144.
- Noordeloos, M. E. & V. Antonin (2008). Contribution to a monograph of marasmioid and collybioid fungi in Europe. *Czech Mycology* 60: 21-27.
- Noordeloos, M. E. & O. V. Morozova (2010). New and noteworthy *Entoloma* species from the Primorsky Territory, Russian Far East. *Mycotaxon* 112: 231-255.

- Noordeloos, M. E., T. W. Kuyper, I. Somhorst & E. C. Vellinga, eds. (2018). *Flora Agaricina Neerlandica: Critical revisions of families of agarics and boleti occurring in the Netherlands. Volume 7*. Orrigio, Italy: Candusso Editrice. 632 pp.
- Norman, J. E. & Egger, K. N. (1999). Molecular phylogenetic analysis of *Peziza* and related genera. *Mycologia* 91: 820-829.
- Norvell, L. L., S. A. Redhead & J. F. Ammirati (1994). *Omphalina sensu lato* in North America 1-2. 1: *Omphalina wynniae* and the genus *Chrysomphalina*. 2: *Omphalina sensu* Bigelow. *Mycotaxon* 50: 379-407.
- Norvell, L. L. & S. A. Redhead (2000). *Stropharia albivelata* and its basionym *Pholiota albivelata*. *Mycotaxon* 76: 315-320.
- Norvell, L. L., J. F. Ammirati & S. A. Redhead (2008). Woody desert puffballs of the Pacific Northwest 1: *Chlamydoxus meyenianus*. *North American Fungi* 3: 127-138.
- Norvell, L. L. & R. L. Exeter (2008). *Phaeocollybia of Pacific Northwest North America*. Salem, OR: United States Department of Interior. 204 pp.
- Norvell, L. (2017). The Regular Column: That nudum is a nuda? *Mushroom, The Journal of Wild Mushrooming* 4: 6-9.
- Nouhra, E., M. A. Castellano & J. M. Trappe (2002). NATS truffle and truffle-like fungi 9: *Gastroboletus molinai* sp. nov. (Boletaceae, Basidiomycota), with a revised key to the species of *Gastroboletus*. *Mycotaxon* 83: 409-414.
- Nuhn, M. E., M. Binder, A. F. S. Taylor, R. E. Halling & D. S. Hibbett (2013). Phylogenetic overview of the *Boletinae*. *Fungal Biology* 117: 479-511.
- Nunez, M. & L. Ryvarden (1995). *Polyporus* (Basidiomycotina) and related genera. Oslo, Norway: J. Cramer. 85 pp.
- Nuytinck, J., A. Verbeken, S. Delarue & R. Walley (2003). Systematics of European sequestrate lactarioid Russulaceae with spiny spore ornamentation. *Belgian Journal of Botany* 136: 145-153.
- Nuytinck, J. & A. Verbeken. (2005). Morphology and taxonomy of the European species in *Lactarius* sect. *Deliciosi* (Russulales). *Mycotaxon* 92: 125-168.
- Nuytinck, J., S. L. Miller & A. Verbeken (2006). A taxonomical treatment of the North and Central American species in *Lactarius* sect. *Deliciosi*. *Mycotaxon* 96: 261-307.
- Nuytinck, J., A. Verbeken & S. L. Miller (2007). Worldwide phylogeny of *Lactarius* section *Deliciosi* inferred from ITS and glyceraldehyde-3-phosphate dehydrogenase gene sequences. *Mycologia* 99: 820-832.
- Nuytinck, J. & A. Verbeken (2007). Species delimitation and phylogenetic relationships in *Lactarius* section *Deliciosi* in Europe. *Mycological Research* 111: 1285-1297.
- Nuytinck, J. & A. Verbeken (2007). Key to the European species of *Lactarius* sect. *Deliciosi*. Retrieved from the *Russulales News* Web site: http://www.mtsn.tn.it/russulales-news/id_deliciosi.asp

- Nuytinck, J., E. Drooge & A. Verbeken (2010). *Lactarius* (Russulales) in Europe and North America: some look-alikes tested molecular- and morphologically. *Scripta Botanica Belgica* 51: 106-116.
- Oberwinkler, F., K. Riess, R. Bauer & S. Garnica (2014). Morphology and molecules: the Sebaciales, a case study. *Mycological Progress* 13: 445-470.
- Ochoa, C., N. Ayala, G. Guzman & L. Montoya (1990). Contribucion al conocimiento de los Gasteromycetes de la peninsula de Baja California, Mexico. *Brenesia* 33: 51-60.
- Ochoa, C., G. Moreno, A. Altes & H. Kreisel (1998). *Calvatia pygmaea* (Gasteromycetes) in the deserts of Baja California Sur (Mexico). *Cryptogamie, Mycologie* 19: 131-137.
- Ochoa, C., G. Guzmán & N. Ayala (1992). Short communication: *Lysurus gardneri* Berkeley en México. *Revista Mexicana de Micología* 8: 121-123.
- Oda, T., Tanaka, C. & Tsuda, M. Molecular phylogeny and biogeography of the widely distributed *Amanita* species, *A. muscaria* and *A. pantherina*. *Mycological Research* 108: 885-896.
- O'Donnell, K. L. (1978). A new *Saccobolus* from Michigan. *Mycologia* 70: 189-192.
- O'Donnell, K. O., E. Cigelnik, N. S. Weber & J. M. Trappe (1997). Phylogenetic relationships among ascomycetous truffles and the true and false morels inferred from 18S and 28S ribosomal DNA sequence analysis. *Mycologia* 89: 48-65.
- O'Donnell, K., P. Rooney, G. L. Mills, M. Kuo, N. S. Weber & S. A. Rehner (2011). Phylogeny and historical biogeography of true morels (*Morchella*) reveals an early Cretaceous origin and high continental endemism and provincialism in the Holarctic. *Fungal Genetics and Biology* 48: 252-265.
- Ohenoja, E. Ecological aspects of the larger fungi in northern Finnish Lapland and the adjacent parts of Norway. In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 397-405.
- Ola'h, G. M. (1969). *Le genre Panaeolus: Essai taxinomique et physiologique*. Paris: Herbarium Louis Marie. 273 pp.
- Olariaga, I. & I. Salcedo (2012). New combinations and notes in clavarioid fungi. *Mycotaxon* 121: 37-44.
- Olariaga, I., T. Grebenc, I. Salcedo & M. P. Martín (2012). Two new species of *Hydnum* with ovoid basidiospores: *H. ovoideisporum* and *H. vesterholtii*. *Mycologia* 104: 1443-1455.
- Olariaga, I., N. van Vooren, M. Carbone & K. Hansen (2015). A monograph of *Otidea* (*Pyronemataceae*, *Pezizomycetes*). *Persoonia* 35: 166-229.
- Olariaga, I., B. Buyck, F. Esteve-Raventós, V. Hofstetter, J. L. Manjón, G. Moreno & I. Salcedo (2015). Assessing the taxonomic identity of white and orange specimens of *Cantharellus*: occasional colour variants or independent species? *Cryptogamie, Mycologie* 36: 1-14.
- Olariaga, I., X. Laskibar & J. Holec (2015). Molecular data reveal cryptic speciation within *Tricholomopsis rutilans*: description of *T. pteridicola* sp. nov. associated with *Pteridium aquilinum*. *Mycological Progress* 14: 21.

- Olive, L. S. (1946). Some taxonomic notes on the higher fungi. *Mycologia* 38: 534-547.
- Olive, L. S. (1947). Notes on the Tremellales of Georgia. *Mycologia* 39: 90-108.
- Olive, L. S. (1948). Notes on Louisiana fungi. II. Tremellales. *Mycologia* 40: 586-604.
- Olive, L. S. (1950). A new genus of the Tremellales from Louisiana. *Mycologia* 42: 385-390.
- Olive, L. S. (1951a). Taxonomic notes on Louisiana fungi. III. Additions to the Tremellales. *Mycologia* 43: 677-690.
- Olive, L. S. (1951b). New or noteworthy species of Tremellales from the southern Appalachians. *Bulletin of the Torrey Botanical Club* 78: 103-112.
- Olive, L. S. (1953). New or noteworthy species of Tremellales from the southern Appalachians--II. *Bulletin of the Torrey Botanical Club* 80: 33-42.
- Olive, L. S. (1954). New or noteworthy species of Tremellales from the southern Appalachians--III. *Bulletin of the Torrey Botanical Club* 81: 329-339.
- Oliver, P. M. & M. S. Y. Lee (2010). The botanical and zoological codes impede biodiversity research by discouraging publication of unnamed new species. *Taxon* 59: 1201-1205.
- Oliviera, J. J. S., R. Vargas-Isla, T. S. Cabral, D. P. Rodrigues & N. K. Ishikawa (2019). Progress on the phylogeny of the Omphalotaceae: *Gymnopus* s. str., *Marasmiellus* s. str., *Paragymnopus* gen. nov. and *Pusillomyces* gen. nov. *Mycological Progress* 18: 713-739.
- Olsson, P. A., B. Münzenberger, S. Mahmood & S. Erland (2000). Molecular and anatomical evidence for a three-way association between *Pinus sylvestris* and the ectomycorrhizal fungi *Suillus bovinus* and *Gomphidius roseus*. *Mycological Research* 104: 1372-1378.
- Orihara, T., F. Sawada, M. Yamato, C. Tanaka, N. Shimomura, M. Hashiya & K. Iwase (2010). Taxonomic reconsideration of a sequestrate fungus, *Octaviana columellidera*, with the proposal of a new genus, *Heliogaster*, and its phylogenetic relationships in the Boletales. *Mycologia* 102: 108-121.
- Orihara, T., M. E. Smith, N. Shimomura, K. Iwase & N. Maekawa (2012). Diversity and systematics of the sequestrate genus *Octaviana* in Japan: two new subgenera and eleven new species. *Persoonia* 28: 85-112.
- Orihara, T., M. E. Smith, Z. -W. Ge & N. Maekawa (2012). *Rossbeevera yunnanensis* (Boletaceae, Boletales), a new sequestrate species from southern China. *Mycotaxon* 120: 139-147.
- Orihara, T., M. Ohmae & K. Yamamoto (2015). First report of *Chamonixia caespitosa* (Boletaceae, Boletales) from Japan and its phylogeographic significance. *Mycoscience* 57: 58-63.
- Orihara, T., T. Lebel, Z. -W. Ge, M. E. Smith & N. Maekawa (2016). Evolutionary history of the sequestrate genus *Rossbeevera* (Boletaceae) reveals a new genus *Turmalinea* and highlights the utility of ITS minisatellite-like insertions for molecular identification. *Persoonia* 37: 173-198.
- Ortega, A., V. Antonin & F. Esteve-Raventos (2003). Three interesting thermophilic taxa of *Gymnopus* (Basidiomycetes, Tricholomataceae): *G. pubipes* sp. nov., *G. pubipes* var. *pallidopileatus* var. nov. and *G. dryophilus* var. *lanipes* comb. nov. *Mycotaxon* 85: 67-75.

- Ortiz-Santana, B., D. J. Lodge, T. J. Baroni & E. E. Both (2007). Boletes from Belize and the Dominican Republic. *Fungal Diversity* 27: 247-416.
- Ortiz-Santana, B. & R. E. Halling (2009). A new species of *Leccinum* (Basidiomycota, Boletales) from Belize. *Brittonia* 61: 172-174.
- Ortiz-Santana, B. & E. E. Both (2011). A preliminary survey of the genus *Buchwaldoboletus*. *Bulletin of the Buffalo Society of Natural Sciences* 40: 1-14.
- Ortiz-Santana, B., D. L. Lindner, O. Miettinen, A. Justo & D. S. Hibbett (2013). A phylogenetic overview of the antrodia clade (Basidiomycota, Polyporales). *Mycologia* 105: 1391-1411.
- Orton, P. D. & R. Watling (1979). *British Fungus Flora, Agarics and Boleti, 2: Coprinaceae Part 1: Coprinus*. Eds. D. M. Henderson, P. D. Orton & R. Watling. Edinburgh: Her Majesty's Stationery Office. 149 pp.
- Orton, P. D. (1980). Notes on British agarics: VII. *Notes from the Royal Botanic Garden, Edinburgh* 38: 315-330.
- Orton, P. D. (1984). The genus *Tephroclype* Donk in Britain. *Bulletin of the British Mycological Society* 18: 114-120.
- Orton, P. D. (1993). *Gymnopilus*. In Watling, R., N. M. Gregory & P. D. Orton, eds. *British Fungus Flora, Agarics and Boleti, 7: Cortinariaceae*. UK: Royal Botanic Garden Edinburgh, pp. 58-72.
- Osmundson, T. W., R. E. Halling & H. C. den Bakker (2007). Morphological and molecular evidence supporting an arbutoid mycorrhizal relationship in the Costa Rican paramo. *Mycorrhiza* (in press.)
- Osmundson, T. W., Cl. L. Cripps & G. M. Mueller (2005). Morphological and molecular systematics of Rocky Mountain alpine *Laccaria*. *Mycologia* 97: 949-972.
- 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.
- Oso, B. A. (1975). Mushrooms and the Yoruba people of Nigeria. *Mycologia* 67: 311-319.
- Oso, B. A. (1976). *Phallus aurantiacus* from Nigeria. *Mycologia* 68: 1076-1082.
- Osono, T., Y. Fukasawa & H. Takeda (2003). Roles of diverse fungi in larch needle-litter decomposition. *Mycologia* 95: 820-826.
- Osono, T. & H. Takeda (2006). Fungal decomposition of *Abies* needle and *Betula* leaf litter. *Mycologia* 98: 172-179.
- Ota, Y., T. Yamanaka, H. Murata, H. Neda, A. Ohta, M. Kawai, A. Yamada, M. Konno & C. Tanaka (2012). Phylogenetic relationship and species delimitation of *matsutake* and allied species based on multilocus phylogeny and haplotype analyses. *Mycologia* 104: 1369-1380.
- Otoni, B. S. T., B. D. B. Silva, E. Fazolino P. & I. G. Baseia (2010). *Phallus roseus*, first record from the neotropics. *Mycotaxon* 112: 5-8.
- Overall, A. (2017). *Tremella aurantia* & *T. mesenterica*, two British "Yellow Brain Fungi" compared. *Field Mycology* 18: 82-84.

- Overholts, L. O. (1916). New or interesting species of gill fungi from Missouri. *Annals of the Missouri Botanical Garden* 3: 195-200.
- Overholts, L. O. (1927). A monograph of the genus *Pholiota* in the United States. *Annals of the Missouri Botanical Garden* 14: 87-211.
- Overholts, L. O. (1934). The morels of Pennsylvania. *Proceedings of the Pennsylvania Academy of Science* 8: 108-114.
- Overholts, L. O. (1940). Mycological notes for 1936-38. *Mycologia* 32: 251-263.
- Overholts, L. O. (1953). *The Polyporaceae of the United States, Alaska, and Canada*. Ann Arbor: University of Michigan Press. 466 pp.
- Ovrebo, C. L. (1973). Taxonomy of the genus *Tricholoma* in the Pacific Northwest. Masters thesis, University of Idaho.
- Ovrebo, C. L. & Tylutki, E. E. (1975). New species and a new combination of *Tricholoma* (Agaricales) from the Pacific Northwest. *Mycologia* 67: 75-82.
- Ovrebo, C. L. (1980). A taxonomic study of the genus *Tricholoma* (Agaricales) in the Great Lakes Region. Ph. D. thesis, University of Toronto.
- Ovrebo, C. L. (1986). Three new species of *Tricholoma* with a description of *Tricholoma luteomaculosum*. *Mycologia* 78: 418-425.
- Ovrebo, C. L. (1988). Notes on the cultural characters, morphology and distribution of *Ripartitella brasiliensis*. *Mycotaxon* 31: 229-237.
- Ovrebo, C. L. & T. J. Baroni (1988). Three new species of *Rhodocybe* from Costa Rica. *Mycologia* 80: 508-514.
- Ovrebo, C. L. (1989). *Tricholoma*, subgenus *Tricholoma*, section *Albidogrisea*: North American species found principally in the Great Lakes region. *Canadian Journal of Botany* 67: 3134-3152.
- Ovrebo, C. L. (1996). The agaric flora (Agaricales) of La Selva Biological Station, Costa Rica. In *Fungi of Costa Rica: selected studies on biodiversity and ecology*, J. Carranza & G. M. Mueller, eds. *Revista Biologica Tropical* 44 (Supplement 4): 39-57.
- Ovrebo, C. L., K. W. Hughes & R. E. Halling (2009). A preliminary phylogeny of *Tricholoma* based on the rRNA ITS region. *Inoculum* 60: 33.
- Ovrebo, C. L. (2011). A new *Cantharocybe* from Belize with notes on the type of *Cantharocybe gruberi*. *Mycologia* 103: 1102-1109.
- Ovrebo, C. L. & K. W. Hughes (2018). *Tricholoma smithii*, a new species in the *Pardnicutis* complex from New Mexico and Colorado. *North American Fungi* 13: 1-9.
- Ower, R. (1982). Notes on the development of the morel ascocarp: *Morchella esculenta*. *Mycologia* 74: 142-144.
- Ower, R. D., G. L. Mills & J. A. Malachowski (1985). United States Patent 4,594,809: Cultivation of

Morchella. Retrieved March 7, 2004 from the United States Patent Office Web site.

Padamsee, M., P. B. Matheny, B. T. M. Dentinger & D. J. McLaughlin (2008). The mushroom family Psathyrellaceae: Evidence for large-scale polyphyly of the genus *Psathyrella*. *Molecular Phylogenetics and Evolution* 46: 415-429.

Paden, J. W. & E. E. Tylutki (1969). Idaho Discomycetes. II. *Mycologia* 61: 683-693.

Paden, J. W. (1973). The conidial state of *Peziza ammophila*. *Canadian Journal of Botany* 51: 2251-2252.

Paden, J. W., J. R. Sutherland & T. A. D. Woods (1978). *Caloscypha fulgens* (Ascomycetidae, Pezizales): the perfect state of the conifer seed pathogen *Geniculodendron pyriforme* (Deuteromycotina, Hyphomycetes). *Canadian Journal of Botany* 56: 2375-2379.

Pagliaccia, D., G. W. Douhan, L. Douhan, T. L. Peever, L. M. Carris & J. L. Kerrigan (2011). Development of molecular markers and preliminary investigation of the population structure and mating system in one lineage of black morel (*Morchella elata*) in the Pacific Northwestern USA. *Mycologia* 103: 969-982.

Palacios-Pacheco, M. R., T. Raymundo & R. Valenzuela (2010). Primer registro de *Ischnoderma resinosum* (Schrad.) P. Karst. y *Tyromyces fissilis* (Berk. & M. A. Curtis) Donk (Polyporales, Basidiomycota) en México. *Polibotánica* 30: 35-41.

Palestina-Villa, E. N., L. A. Parra-Sánchez, M. Villegas, R. Garibay-Orijel, R. Medel-Ortiz (2020). The known species of *Agaricus* (Agaricales, Agaricaceae) in Mexico, an updated and nomenclatural review. *Scientia Fungorum* 50: e1269.

Palm, M. E. & Stewart, E. L. (1984). *Suillus neoalbidipes*: A new species for *Suillus albidipes*. *Mycologia* 76: 433-438.

Palm, M. E. & E. L. Stewart (1986). Typification and nomenclature of selected *Suillus* species. *Mycologia* 78: 325-333.

Parfitt, D., J. Hynes, H. J. Rogers & L. Boddy (2005). New PCR assay detects rare tooth fungi in wood where traditional approaches fail. *Mycological Research* 109: 1187-1194.

Parker, M. A. (1987). Pathogen impact on sexual vs. asexual reproductive success in *Arisaema triphyllum*. *American Journal of Botany* 74: 1758-1763.

Parmelee, J. R., M. G. Knutson & J. E. Lyon (2002). *A field guide to amphibian larvae and eggs of Minnesota, Wisconsin, and Iowa*. U. S. Geological Survey, Biological Resources Division, Information and Technology Report USGS/BRD/ITR-2002-0004. Washington, DC. 38 pp.

Parra, L. A., C. Angelini, B. Ortiz-Santana, G. Mata, C. Billette, C. Rojo, J. Chen & P. Callac (2018). The genus *Agaricus* in the Caribbean. Nine new taxa mostly based on collections from the Dominican Republic. *Phytotaxa* 345: 219-271.

Patrick, W. W. Jr. (1977). Sectional nomenclature in the genus *Coprinus*. *Mycotaxon* 6: 341-355.

Patrick, W. W. Jr. (1979). Comparative morphology and taxonomic disposition of *ebulbosus*, *quadrifidus*, and *variegatus* in the genus *Coprinus* (Agaricales). *Mycotaxon* 10: 142-154.

- Paulson, D. (2011). *Dragonflies and damselflies of the east*. Princeton, NJ: Princeton University Press. 538 pp.
- Paz, A., J. -M. Bellanger, C. Lavoise, A. Molia, M. Ławrynowicz, E. Larsson, I. O. Ibarguren, M. Jeppson, T. Læssøe, M. Suave, F. Richard & P. -A. Moreau (2017). The genus *Elaphomyces* (Ascomycota, Eurotiales): a ribosomal DNA-based phylogeny and revised systematics of European "deer truffles." *Persoonia* 38: 197-239.
- Pearson, A. A. (1950). *The genus Russula*. 2nd. Edition. London: Brown & Sons. 24 p.
- Peattie, D. C. (1948/1991). *A natural history of trees of eastern and central North America*. Boston: Houghton Mifflin. 606 pp.
- Peattie, D. C. (1951/1991). *A natural history of western trees*. Boston: Houghton Mifflin. 746 pp.
- Peattie, D. C. (2007). *A Natural History of North American Trees*. Boston: Houghton Mifflin. 490 pp.
- Peck, C. H. (1895). New species of fungi. *Bulletin of the Torrey Botanical Club* 22: 485-493.
- Peck, C. H. (1899). New species of fungi. *Bulletin of the Torrey Botanical Club* 26: 63-71.
- Peck, C. H. (1900). *Report of the State Botanist on Edible Fungi of New York. Memoir of the New York State Museum* 4: 132-234.
- Peck, C. H. (1902). New species of fungi. *Bulletin of the Torrey Botanical Club* 29: 69-74.
- Peck, C. H. (1903). New species of fungi. *Bulletin of the Torrey Botanical Club* 30: 95-101.
- Peck, C. H. (1906). New species of fungi. *Bulletin of the Torrey Botanical Club* 33: 213-221.
- Peck, C. H. (1906). Report of the state botanist: New York species of *Russula*. *Bulletin of the New York State Museum* 116: 67-117.
- Pegler, D. N. (1983). *The genus Lentinus: A world monograph*. London: Her Majesty's Stationery Office (Kew Bulletin Additional Series X). 281 pp.
- Pegler, D. N. & T. W. K. Young (1987). Classification of *Oudemansiella* (Basidiomycota: Tricholomataceae), with special reference to spore structure. *Transactions of the British Mycological Society* 87: 583-602.
- Pegler, D. N. & L. D. Gomez (1994). An unusual member of the cage fungus family. *Mycologist* 8: 54-59.
- Pegler, D. N., D. J. Lodge & K. K. Nakasone (1998). The pantropical genus *Macrocybe* gen. nov. *Mycologia* 90: 494-504.
- Peintner, U., N. L. Bougher, M. A. Castellano, J. -M. Moncalvo, M. M. Moser, J. M. Trappe & R. Vilgalys (2001). Multiple origins of sequestrate fungi related to *Cortinarius* (Cortinariaceae). *American Journal of Botany* 88: 2168-2179.
- Peintner, U., E. Horak, M. Moser & R. Vilgalys (2002). Phylogeny of *Rozites*, *Cuphocybe* and *Rapacea* inferred from ITS and LSU rDNA sequences. *Mycologia* 94: 620-629.

- Peintner, U., M. Moser & R. Vilgalys (2002). *Rozites*, *Cuphocybe* and *Rapacea* are taxonomic synonyms of *Cortinarius*: New combinations and new names. *Mycotaxon* 83: 447-451.
- Peintner, U., H. Ladurner & G. Simonini (2003). *Xerocomus cisalpinus* sp. nov., and the delimitation of species in the *X. chrysenteron* complex based on morphology and rDNA-LSU sequences. *Mycological Research* 107: 659-679.
- Peintner, U., Moncalvo, J. M., & Vilgalys, R. (2004). Toward a better understanding of infrageneric relationships in *Cortinarius* (Agaricales, Basidiomycota). *Mycologia* 96: 1042-1058.
- Petiner, U., R. Kuhnert-Finkernagel, V. Wille, F. Biasioli, A. Shirayev & C. Perini (2019). How to resolve cryptic species of polypores: an example in *Fomes*. *IMA Fungus* 10: 17.
- Peñas, M. M., J. Aranguen, L. Ramírez & A. G. Pisabarro (2004). Structure of gene coding for the fruit body-specific hydrophobin Fbh1 of the edible basidiomycete *Pleurotus ostreatus*. *Mycologia* 96: 75-82.
- Pennisi, E. (2008). Proposal to 'Wikify' GenBank meets stiff resistance. *Science* 319: 1598-1599.
- Pennycook, S. R. (2006). An index to Fries's *Epicrisis Systematis Mycologici*, 1838 1: Agaricini. *Mycotaxon* 98: 1-73.
- Pérez-Silva, E., T. Herrera & M. Esqueda-Valle (1999). Species of *Geastrum* (Basidiomycotina: Geastraceae) from Mexico. *Revista Mexicana de Micología* 15: 89-104.
- Peršoh, D., M. Melcher, K. Graff, J. Fournier, M. Stadler & G. Rambold (2009). Molecular and morphological evidence for the delimitation of *Xylaria hypoxylon*. *Mycologia* 101: 256-268.
- Perry, B. A. & Desjardin, D. E. (1999). *Mycena californiensis* resurrected. *Mycotaxon* 70: 87-97.
- Perry, B. A., K. Hansen & D. H. Pfister (2007). A phylogenetic overview of the family *Pyronemataceae* (Ascomycota, Pezizales). *Mycological Research* 111: 549-571.
- Persoon, C. H. (1801). *Helvella, Morchella*. *Synopsis Methodica Fungorum*. Gottingen. 614-621.
- Persson, O. (1997). *The chanterelle book*. Berkeley: Ten Speed Press. 120 pp.
- Petch, T. (1926). *Mutinus bambusinus* (Zoll.) Ed. Fischer. *Transactions of the British Mycological Society* 10: 272-282.
- Petersen, J. H. (2012). *The kingdom of fungi*. Princeton: Princeton University Press. 265 pp.
- Petersen, R. H. (1963). Agarics and boletes from Mid-Ontario. *Bulletin of the Torrey Botanical Club* 90: 260-264.
- Petersen, R.H. (1964). Notes on clavarioid fungi. I. The *Clavulina castaneopes* complex. *Mycologia* 56: 20-28.
- Petersen, R. H. (1964). Notes on clavarioid fungi. II. Corrections in the genera *Ramariopsis* and *Clavaria*. *Bulletin of the Torrey Botanical Club* 91: 274-280.
- Petersen, R. H. (1965). Notes on clavarioid fungi. III. *Clavaria inaequalis* Muller ex Fries. *Nova Hedwigia* 10: 261-268.

- Petersen, R. H. (1965). Notes on clavarioid fungi. IV. Nomenclature and synonymy of *Clavulinopsis pulchra* and *Clavaria laeticolor*. *Mycologia* 57: 521-523.
- Petersen, R. H. (1966). Notes on clavarioid fungi. V. Emendation and additions to *Ramariopsis*. *Mycologia* 58: 201-207.
- Petersen, R. H. (1967). Type studies in the Clavariaceae. *Sydowia* 21: 105-122.
- Petersen, R. H. (1967). Notes on clavarioid fungi – VI. New species and notes on the origin of *Clavulina*. *Mycologia* 59: 39-46.
- Petersen, R. H. & Olexia, P. D. (1967). Type studies in the clavarioid fungi. I. The taxa described by Charles Horton Peck. *Mycologia* 59: 767-802.
- Petersen, R. H. (1967). Notes on clavarioid fungi. VII. Redefinition of the *Clavaria vernalis*-*C. mucida* complex. *American Midland Naturalist* 77: 205-221.
- Petersen, R. H. (1967). Notes on clavarioid fungi. VIII. *Clavaria pinicola* and *C. stillingeri*. *Bulletin of the Torrey Botanical Club* 94: 417-422.
- Petersen, R. H. (1968) *The genus Clavulinopsis in North America*. (*Mycologia Memoir* No. 2.) New York: Hafner. 39 pp.
- Petersen, R. H. (1969). Notes on cantharelloid fungi – II. Some new taxa, and notes on *Pseudocraterellus*. *Persoonia* 5: 211-223.
- Petersen R. H. (1969). Type studies in clavarioid fungi. III. The taxa described by J. B. Cleland. *Bulletin of the Torrey Botanical Club* 96: 457-466.
- Petersen, R. H. (1969). Notes on clavarioid fungi. X. New species and type studies in *Ramariopsis*, with a key to species in North America. *Mycologia* 61: 549-559.
- Petersen, R. H. (1972). Notes on clavarioid fungi. XII. Miscellaneous notes on *Clavariadelphus*, and a new segregate genus. *Mycologia* 64: 137-152.
- Petersen R. H. (1972). Cultural characters in *Ramaria* subg. *Lentoramaria*, and a new taxon. *American Journal of Botany* 59: 1041–1046.
- Petersen, R. H. (1974). Contribution toward a monograph of *Ramaria*. I. Some classic species redescribed. *American Journal of Botany* 61: 739-748.
- Petersen, R. H. (1974). Contribution toward a monograph of *Ramaria*. II. Exclusion of *Ramaria pinicola* (Burt) Corner. *Journal of the Elisa Mitchell Scientific Society* 90: 66-68.
- Petersen, R. H. (1975). Notes on cantharelloid fungi. V. A new species of *Cantharellus*. *Nova Hedwigia* 51: 183-189.
- Petersen, R. H. (1975). Notes on cantharelloid fungi. VI. New species of *Craterellus* and infrageneric rearrangement. *Ceska Mykologie* 29: 199-204.
- Petersen, R. H. (1976). Notes on cantharelloid fungi. VII. The taxa described by Charles H. Peck. *Mycologia* 68: 304-326.

- Petersen, R. H. (1976). Contribution toward a monograph of *Ramaria*. III. *R. sanguinea*, *R. formosa*, and two new species from Europe. *American Journal of Botany* 63: 309-316.
- Petersen, R. H. (1978). Lexemuel Ray Hesler February 20, 1888-November 20, 1977. *Mycologia* 70: 757-765.
- Petersen, R. H. (1978). Notes on clavarioid fungi. XV. Reorganization of *Clavaria*, *Clavulinopsis* and *Ramariopsis*. *Mycologia* 70: 660-671.
- Petersen, R. H. (1979). Contribution to a monograph of *Ramaria* IV. *R. testaceo-flava* and *R. bataille*. *Nova Hedwigia* 31: 25-38.
- Petersen, R. H. (1979). Notes on cantharelloid fungi. IX. Illustrations of new or poorly understood taxa. *Nova Hedwigia* 31: 1-23.
- Petersen, R. H. (1979). Notes on cantharelloid fungi. X. *Cantharellus confluens* and *C. lateritius*, *Craterellus odoratus* and *C. aureus*. *Sydowia* 32: 198-208.
- Petersen, R. H. (1982). Contributions toward a monograph of *Ramaria*. V. Type specimen studies of taxa described by W. C. Coker. *Sydowia* 35: 176-205.
- Petersen, R. H. (1985). Notes on clavarioid fungi. XIX. Colored illustrations of selected taxa, with comments on *Cantharellus*. *Nova Hedwigia* 42: 151-160.
- Petersen, R. H. (1985). Notes on clavarioid fungi. XX. New taxa and distributional records in *Clavulina* and *Ramaria*. *Mycologia* 77: 903-919.
- Petersen, R. H. (1986). Some *Ramaria* taxa from Nova Scotia. *Canadian Journal of Botany* 64: 1786-1811.
- Petersen, R. H. (1987). Contribution toward a monograph of *Ramaria*. VI. The *Ramaria fennica* - *versitalis* complex. *Sydowia* 40: 197-226.
- Petersen, R. H. (1988). Contribution toward a monograph of *Ramaria*. VII. New taxa and miscellany. *Mycologia* 80: 223-234.
- Petersen, R. H. & C. Scates. (1988). Vernal fruiting taxa of *Ramaria* from the Pacific Northwest. *Mycotaxon* 33: 101-144.
- Petersen, R. H. (1989). Contributions toward a monograph of *Ramaria*. VIII. Some taxa sheltered under the name *Ramaria flava*. *Persoonia* 14: 23-42.
- Petersen, R. H. & Litten, W. (1989). A new species of *Clavaria* fruiting with *Vaccinium*. *Mycologia* 81: 325-327.
- Petersen, R. H. & K. W. Hughes (1993). Intercontinental interbreeding collections of *Pleurotus pulmonarius*, with notes on *P. ostreatus* and other species. *Sydowia* 45: 139-152.
- Petersen, R. H. & Methven, A. S. (1994). Mating systems in the Xerulaceae: *Xerula*. *Canadian Journal of Botany* 72: 1151-1163.
- Petersen, R. H. (1995). There's more to a mushroom than meets the eye: Mating studies in the

Agaricales. *Mycologia* 87: 1-17.

Petersen, R. H. & Krisai-Greilhuber, I. (1996). An epitype specimen for *Pleurotus ostreatus*. *Mycological Research* 100: 229-235.

Petersen, R. H. & McCleneghan, S. C. (1997). Reports on long-distance sexual compatibility in Agaricales. *Nordic Journal of Botany* 17: 419-432.

Petersen, R. H. (1997). Mating systems in Hymenomycetes: New reports and taxonomic implications. *Mycotaxon* 63: 225-259.

Petersen, R. H. & C. Scates (2000). A new species of *Ramaria* subg. *Ramaria* from western North America. *Karstenia* 40: 139-142.

Petersen, R. H. (2000). *Rhizomarasmius*, gen. nov. (Xerulaceae, Agaricales). *Mycotaxon* 75: 333-342.

Petersen, R. H. & Hughes, K. W. (2004). *A preliminary monograph of Lentinellus (Russulales)*. Germany: J. Cramer. 268 pp.

Petersen, R. H. & K. W. Hughes (2004). Une nouvelle espece de *Xerula*, *Xerula limonispora*. *Bulletin de la Société Mycologique de France* 120: 37-49.

Petersen, R. H. & T. J. Baroni (2007). *Xerula hispida* and *Xerula setulosa* (comb. nov.), two similar subtropical New World agarics. *Mycotaxon* 101: 113-136.

Petersen, R. H. & K. W. Hughes (2010). *The Xerula/Oudemansiella Complex (Agaricales)*. Stuttgart: J. Cramer. 625 pp.

Petersen, R. H., K. W. Hughes, S. Adamcik, Z. Tkalcec & A. Mesic (2012). Typification of three European species epithets attributable to *Strobilomyces* (Boletales). *Czech Mycology* 64: 141-163.

Petersen, R. H., J. Borovička, A. R. Segovia & K. W. Hughes (2015). Transatlantic disjunction in fleshy fungi. II. The *Sparassis spathulata*-*S. brevipes* complex. *Mycological Progress* 14: 30.

Petersen, R. H. & K. W. Hughes (2017). An investigation on *Mycetinis* (Euagarics, Basidiomycota). *MycKeys* 24: 1-138.

Petersen, R. H., K. W. Hughes & N. Psurtseva (n.d.) Key to biological species of *Pleurotus*. Retrieved from the University of Tennessee Web site: <http://www.bio.utk.edu/mycology/Pleurotus/key.htm>

Peterson, K. R., C. D. Bell, S. Kurogi & 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.

Peterson, R. L. & Farquhar, M. L. (1994). Mycorrhizas—Integrated development between roots and fungi. *Mycologia* 86: 311-326.

Peterson, R. T. (1980). *A field guide to the birds of eastern and central North America*. Boston: Houghton Mifflin. 384 pp.

Pfister, D. H. (1973). The psilopezoid fungi. IV. The genus *Pachyella* (Pezizales). *Canadian Journal of Botany* 51: 2009-2023.

- 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 M. J. Berkeley and M. A. Curtis. *Mycotaxon* 8: 339-346.
- Pfister, D. H. (1980). On "*Peziza*" *melaleuroides*--a species of *Gyromitra* from the western United States. *Mycologia* 72: 614-619.
- Pfister, D. H. (1981). The psilopezoid fungi. VIII. Additions to the genus *Pachyella*. *Mycotaxon* 13: 457-464.
- Pfister, D. H. (1987). *Peziza phyllogena*: An older name for *Peziza badioconfusa*. *Mycologia* 79: 634.
- Pfister, D. H. (1995). The psilopezoid fungi. IX. *Pachyella harbospora*, a new species from Brazil. *Mycotaxon* 54: 393-396.
- Pfister, D. H. & S. Kurogi (2004). A note on some morphological features of *Chorioactis geaster* (Pezizales, Ascomycota). *Mycotaxon* 89: 277-281.
- Pfister, D. H., C. Slater & K. Hansen (2008) *Chorioactidaceae*: a new family in the *Pezizales* (Ascomycota) with four genera. *Mycological Research* 112: 513-527.
- Pfister, J. (1984) Etudes des types de Peck et de Murrill appartenant ou ayant appartenu au genre *Melanoleuca*. *Mycotaxon* 19: 101-132.
- Phillips, C. A., R. A. Brandon & E. O. Moll (1999). *Field Guide to Amphibians and Reptiles of Illinois*. Champaign, IL: Illinois Natural History Survey.
- Phillips, R. (1981). *Mushrooms and other fungi of Great Britain & Europe*. In Finnish translation as *WSOY suuri sienikirja*. Helsinki: WSOY. 288 pp.
- Phillips, R. (1986). A provisional multi-access key to American species of *Cortinarius*, *Inoloma* & *Telemonia* (including *Leprocycbe*, *Sericeocycbe* and *Hydrocycbe*). Published by the author. 45 pp.
- Phillips, R. (1991). *Mushrooms of North America*. Boston: Little, Brown and Company. 319 pp.
- Phosri, C., R. Watling, M. P. Martín & A. J. S. Whalley (2004). The genus *Astraeus* in Thailand. *Mycotaxon* 89: 453-463.
- Phosri, C., M. P. Martín, N. Suwannasai, P. Sihanonth & R. Watling (2012). *Pisolithus*: a new species from southeast Asia and a new combination. *Mycotaxon* 120: 195-208.
- Pietras, M., M. Litkowiec & J. Gołębiewska (2018). Current and potential distribution of the ectomycorrhizal fungus *Suillus lakei* ((Murrill) A. H. Sm. & Thiers) in its invasion range. *Mycorrhiza* 28: 467-475.
- Pilz, D. & Molina, R., eds. (1996). *Managing forest ecosystems to conserve fungus diversity and sustain wild mushroom harvests*. Portland, Oregon: USDA General Technical Report. 104 pp.

- Pilz, D. & R. Molina (2002). Commercial harvests of edible mushrooms from the forests of the Pacific Northwest United States: issues, management, and monitoring for sustainability. *Forest Ecology and Management* 155: 3-16.
- Pilz, D., L. Norvell, E. Danell & R. Molina (2003). *Ecology and management of commercially harvested chanterelle mushrooms*. Portland, Oregon: USDA General Technical Report. 83 pp.
- Pilz, D., N. S. Weber, M. C. Carter, C. G. Parks & R. Molina (2004). Productivity and diversity of morel mushrooms in healthy, burned, and insect-damaged forests of northeastern Oregon. *Forest Ecology and Management* 198: 367-386.
- Pilz, D., R. McLain, S. Alexander, L. Villareal-Ruiz, S. Berch, T. L. Wurtz, C. G. Parks, E. McFarlane, B. Baker, R. Molina & J. E. Smith (2007). *Ecology and management of morels harvested from the forests of western North America*. Portland, Oregon: USDA General Technical Report. 161 pp.
- Pine, E. M., D. S. Hibbett & M. J. Donoghue (1999). Phylogenetic relationships of cantharelloid and clavarioid Homobasidiomycetes based on mitochondrial and nuclear rDNA sequences. *Mycologia* 91: 944-963.
- Pinheiro, F. G. B. & F. Wartchow (2013). *Cantharellus protectus*, a new species from Paraiba, Brazil. *Sydowia* 65: 27-31.
- Pinzón Osorio, C. A., A. Castiblanco Zerda & J. Pinzón Osorio (2017). *Laternea pusilla* (Phallales, Phallaceae) una nueva especie para Colombia. *Acta Biológica Colombiana* 22: 101-104.
- Pohl, R. W. (1954). *How to know the grasses*. USA: Wm. C. Brown Company Publishers. 200 pp.
- Poldmaa, K. (2003). Three species of *Hypomyces* growing on basidiomata of Stereaceae. *Mycologia* 95: 921-933.
- Pomerleau, R. & Smith, A. H. (1962). *Fuscoboletinus*, a new genus of the Boletales. *Brittonia* 14: 156-171.
- Ponce de Leon, P. (1968). A revision of the family Geasteraceae. *Fieldiana: Botany* 31: 302-349.
- Portman, R., R. Moseman & E. Levetin (1997). Ultrastructure of basidiospores in North American members of the genus *Calvatia*. *Mycotaxon* 62: 435-443.
- Pouzar, Z. (1990). Additional notes on the taxonomy and nomenclature of *Ischnoderma* (Polyporaceae). *Česká Mykologie* 44: 92-100.
- Preston, R. J. Jr. (1989). *North American trees exclusive of Mexico and tropical Florida*. Ames, IA: Iowa UP. 407 pp.
- Pringle, A., R. I. Adams, H. B. Cross & T. D. Bruns (2009). The ectomycorrhizal fungus *Amanita phalloides* was introduced and is expanding its range on the west coast of North America. *Molecular Ecology* 18: 817-833.
- Pringle, A., E. Vellinga & K. Peay (2015). The shape of fungal ecology: does spore morphology give clues to a species' niche? *Fungal Ecology* 17: 213-216.
- Pyysalo, H. & Niskanen, A. (1977). On the occurrence of N-Methyl-N-formylhydrazones in fresh and

processed false morel, *Gyromitra esculenta*. *Journal of Agriculture & Food Chemistry*. 25: 644-647.

Quaedvlieg, W., M. Binder, J. Z. Groenewald, B. A. Summerell, A. J. Carnegie, T. I. Burgess & P. W. Crou (2014). Introducing the consolidated species concept to resolve species in the Teratosphaeriaceae. *Persoonia* 33: 1-40.

Raitviir, A. (1970). Once more on *Neogyromitra caroliniana*. *Transactions of the Tartu State University* 268, *Papers on Botany* 9: 364-373.

Ramamurthi, C. S., R. P. Korf & L. R. Batra (1957). A revision of the North American species of *Chlorociboria* (Sclerotiniaceae). *Mycologia* 49: 854-863.

Ramirez-Cruz, V., G. Guzman, A. R. Villalobos-Arambula, A. Rodriguez, P. B. Matheny, M. Sanchez-Garcia & L. Guzman-Davalos (2013). Phylogenetic inference and trait evolution of the psychedelic mushroom genus *Psilocybe* sensu lato (Agaricales). *Botany* 91: 573-591.

Ramírez-Cruz, V., A. Cortés-Pérez, J. Borovička, A. R. Villalobos-Arámula, P. B. Matheny & L. Guzmán-Dávalos (2019). *Deconica cokeriana* (Agaricales, Strophariaceae), a new combination. *Mycoscience* (in press)

Ramírez-López, I., M. V. Ríos & Z. Cano-Santana (2013). Phenotypic plasticity of the basidiomata of *Thelephora* sp. (Thelephoraceae) in tropical forest habitats. *International Journal of Tropical Biology* 61: 343-350.

Ramírez-López, I., M. Villegas-Ríos, R. Salas Lizana, R. Garibay-Orijel & J. Alvarez-Manjarrez (2015). *Thelephora versatilis* and *Thelephora pseudoversatilis*: two new cryptic species with polymorphic basidiomes inhabiting tropical deciduous and sub-perennial forests of the Mexican Pacific coast. *Mycologia* 107: 346-358.

Ramos, A., V. M. Bandala & L. Montoya (2017). A new species and a new record of *Laccaria* (Fungi, Basidiomycota) found in a relict forest of the endangered *Fagus grandifolia* var. *mexicana*. *Mycology* 27: 77-94. doi: 10.3897/mycokeys.27.21326

Ramsbottom, J. (1946). *Poisonous fungi*. London: King Penguin Books.

Ramsey, R. W. (1980). *Lycoperdon nettyana*, a new puffball from western Washington State. *Mycotaxon* 11: 185-188.

Rapier, S., F. Fons & J.-M. Bessiere (2000). The fenugreek odor of *Lactarius helvus*. *Mycologia* 92: 305-308.

Rapier, S., S. Breheret, T. Talou, Y. Pélissier & J. M. Bessière (2002). The anise-like odor of *Clitocybe odora*, *Lentinellus cochleatus*, and *Agaricus essettei*. *Mycologia* 94: 373-376.

Raspé, O., S. Vadthanarat, A. de Kesel, J. Degreef, K. D. Hyde & S. Lumyong (2016). *Pulveroboletus fragrans*, a new Boletaceae species from northern Thailand, with a remarkable aromatic odor. *Mycological Progress* 15: 38.

Rauschert, S. (1985). Proposal to conserve *Leccinum* with *L. aurantiacum* as typ. cons. (Fungi: Boletaceae). *Taxon* 34: 713.

Rauschert, S. (1986). *Leccinum*: Once again. *Taxon* 35: 691-693.

- Raymundo, T., R. Díaz-Moreno, S. Bautista-Hernández, E. Aguirre-Acosta & R. Valenzuela (2012). Diversidad de ascomicetes macroscópicos en Bosque Las Bayas, municipio de Pueblo Nuevo, Durango, México. *Revista Mexicana de Biodiversidad* 83: 1-14.
- Rea, C. (1912). New and rare British fungi. *Transactions of the British Mycological Society* 3: 376-380.
- Rea, P. M. (1942). Fungi of southern California. I. *Mycologia* 34: 563-574.
- Rea, P. M. & Heidenhain, B. (1955). The genus *Lysurus*. *Papers of the Michigan Academy of Science, Arts, and Letters* 40: 49-66.
- Redecker, D., T. M. Szaro, R. J. Bowman & T. D. Bruns (2001). Small genets of *Lactarius xanthogalactus*, *Russula cremoricolor*, and *Amanita franchetii* in late-stage ectomycorrhizal successions. *Molecular Ecology* 10: 1025-1034.
- Redhead, S. A. & Weresub, L. K. (1978). On *Omphalia* and *Omphalina*. *Mycologia* 70: 556-568.
- Redhead, S. A. & R. Singer (1978). On *Calocybe* names. *Mycotaxon* 6: 500-502.
- Redhead, S. A. & R. Watling (1979). A new psammophilic *Leccinum*. *Canadian Journal of Botany* 57: 117-119.
- Redhead, S. A. (1979). The genus *Strobilurus* (Agaricales) in Canada with notes on extralimital species. *Canadian Journal of Botany* 58: 68-83.
- Redhead, S. A. (1980). The genus *Strobilurus* (Agaricales) in Canada with notes on extralimital species. *Canadian Journal of Botany* 58: 68-83.
- Redhead, S. A. & J. Ginns (1980). *Cyptotrama asprata* (Agaricales) from North America and notes on five other species of *Cyptotrama* sect. *Xerulina*. *Canadian Journal of Botany* 58: 731-740.
- Redhead, S. A. & Traquair, J. A. (1981). *Coprinus* Sect. *Herbicolae* from Canada, notes on extralimital taxa, and the taxonomic position of a low temperature basidiomycete forage crop pathogen from western Canada. *Mycotaxon* 13: 373-404.
- Redhead, S. A. (1982). The systematics of *Callistosporium luteo-olivaceum*. *Sydowia, Ser. II* 35: 223-235.
- Redhead, S. A. (1984). *Arrhenia* and *Rimbachia*, expanded generic concepts, and a reevaluation of *Leptoglossum* with emphasis on muscicolous North American taxa. *Canadian Journal of Botany* 62: 865-892.
- Redhead, S. A. (1984). Mycological observations, 4-12: on *Kuehneromyces*, *Stropharia*, *Marasmius*, *Mycena*, *geopetalum*, *Omphalopsis*, *Phaeomarasmium*, *Naucoria*, and *Prunulus*. *Sydowia* 37: 246-270.
- Redhead, S. A. & J. H. Ginns (1985). A reappraisal of agaric genera associated with brown rots of wood. *Transactions of the Mycological Society of Japan* 26: 349-381.
- Redhead, S. A. (1986). Mycological observations 15-16: On *Omphalia* and *Pleurotus*. *Mycologia* 78: 522-528.

- Redhead, S. A., J. Ginns & R. A. Shoemaker (1987). The *Xerula* (*Collybia*, *Oudesmansielli*) *radicata* complex in Canada. *Mycotaxon* 30: 357-405.
- Redhead, S. A. (1987). The Xerulaceae (Basidiomycetes), a family with sarcodimitic tissues. *Canadian Journal of Botany* 65:1551-1562.
- Redhead, S. A. (1989). A biogeographical overview of the Canadian mushroom flora. *Canadian Journal of Botany* 67: 3003-3062.
- Redhead, S. A. & L. L. Norvell (1993). Notes on *Bondarzewia*, *Heterobasidion* and *Pleurogala*. *Mycotaxon* 68: 371-380.
- Redhead, S. A., G. R. Walker, J. F. Ammirati & L. L. Norvell (1995). *Omphalina sensu lato* in North America 4: *O. rosella*. *Mycologia* 87: 880-885.
- Redhead, S. A., L. L. Norvell & E. Danell. (1997). *Cantharellus formosus* and the Pacific Golden Chanterelle harvest in western North America. *Mycotaxon* 65: 285-322.
- Redhead, S. A., R. H. Petersen & A. S. Methven (1998). *Flammulina* (Agaricales): *F. stratosa*, a new New Zealand species distantly related to the cultivated Enoki mushroom. *Canadian Journal of Botany* 76: 1589-1595.
- Redhead, S. A. & R. H. Petersen (1999). New species, varieties and combinations in the genus *Flammulina*. *Mycotaxon* 71: 285-294.
- Redhead, S. A., J. F. Ammirati, L. L. Norvell & M. T. Seidl (2000). Notes on western North American snowbank fungi. *Mycotaxon* 76: 321-328.
- Redhead, S. A., R. Vilgalys, J.-M. Moncalvo, J. Johnson & J. S. Hopple, Jr. (2001) *Coprinus* Pers. and the disposition of *Coprinus* species sensu lato. *Taxon* 50: 203-241.
- Redhead, S. A., J.-M. Moncalvo, R. Vilgalys & F. Lutzoni (2002). Phylogeny of agarics: Partial systematics solutions for bryophilous omphalinoid agarics outside of the Agaricales (Euagarics). *Mycotaxon* 82: 151-168.
- Redhead, S. A., F. Lutzoni, J.-M. Moncalvo & R. Vilgalys (2002). Phylogeny of Agarics: Partial systematics solutions for core omphalinoid genera in the Agaricales (Euagarics). *Mycotaxon* 83: 19-57.
- Redhead, S. A., L. L. Norvell, E. Danell & S. Ryman (2002). Proposals to conserve the names *Cantharellus lutescens* Fr.: Fr. and *C. tubaeformis* Fr.: Fr. (*Basidiomycota*) with conserved types. *Taxon* 51: 559-562.
- Redhead, S. A. & J. McNeill (2008). The generic name *Leratiomyces* (*Agaricales*) once again. *Mycotaxon* 105: 481-488.
- Redhead, S. A., A. Vizzini, D. C. Drehmel & M. Contu (2016). *Saproamanita*, a new name for both *Lepidella* E.-J. Gilbert and *Aspidella* E.-J. Gilbert (*Amaniteae*, *Amanitaceae*). *IMA Fungus* 7: 119-129.
- Redman, R. S., J. Ranson & R. J. Rodriguez (2006). Genetic structure of *Cantharellus formosus* populations in a second-growth temperate rain forest of the Pacific Northwest. *Pacific Northwest Fungi* 1: 1-13.

- Reed, H. S. (1910). A note on two species of *Calostoma*. *The Plant World* 13: 246-248.
- Rehm, H. (1904). Ascomycetes Americae borealis. I. A. Discomycetes. *Annales Mycologici* 2: 32-37.
- Reid, D. A. (1965). New or interesting records of British Hymenomycetes. III. *Transactions of the British Mycological Society* 48: 513-537.
- Reid, D. A. (1974). A monograph of the British Dacrymycetales. *Transactions of the British Mycological Society* 62: 433-494.
- Reid, D. A. (1977). Some Gasteromycetes from Trinidad and Tobago. *Kew Bulletin* 31: 657-690.
- Reid, D. A. (1983). Notes on Dacrymycetales. *Transactions of the British Mycological Society* 80: 483-486.
- Reid, D. A. (1989). Notes on some Leucocoprinoïd fungi from Britain. *Mycological Research* 93: 413-423.
- Retter, M. L. P. (2017). *Field guide to birds of Illinois*. New York: Scott & Nix. 376 pp.
- Richard, F., J. -M. Bellanger, P. Clowez, K. Hansen, K. O'Donnell, A. Urban, M. Sauve, R. Courtecuisse & P. -A. Moreau (2015). True morels (*Morchella*, Pezizales) of Europe and North America: evolutionary relationships inferred from multilocus data and a unified taxonomy. *Mycologia* 107: 359-382.
- Richter, C., K. Wittstein, P. M. Kirk & M. Stadler (2015). An assessment of the taxonomy and chemotaxonomy of *Ganoderma*. *Fungal Diversity* 71: 1-15
- Richter, D. L. (2004). Rare and unusual fungi (Basidiomycota) of the Huron Mountains, Marquette County, Michigan. *The Michigan Botanist* 43: 65-80.
- Rinaldi, A. & Tyndalo, V. (1974). The complete book of mushrooms. Transl. Italia & Alberto Mancinelli. New York: Crown Publishers. 332 pp.
- Ritchie, D. (1948). The development of *Lycoperdon oblongisporum*. *American Journal of Botany* 35: 215-219.
- Riva, A. (1988). *Tricholoma* (Fr.) Staude. (Fungi Europaei 3.) Milano: Massimo Candusso. 618 pp.
- Rivera, Y., A. M. Kretzer & T. R. Horton (2015). New microsatellite markers for the ectomycorrhizal fungus *Pisolithus tinctorius sensu stricto* reveal the genetic structure of US and Puerto Rican populations. *Fungal Ecology* 13: 1-9.
- Rizzo, D. M., P. T. Gieser & H. H. Burdsall Jr. (2003). *Phellinus coronadensis*: a new species from southern Arizona, USA. *Mycologia* 95: 74-79.
- Roberts, C. (2007). Russulas of southern Vancouver Island coastal forests. Doctoral dissertation, University of Victoria. Victoria BC, Canada.
- Roberts, P. (1995). British *Tremella* species I: *Tremella aurantia* & *T. mesenterica*. *Mycologist* 9: 110-114.

- Robertson, C. P., L. Wright, S. Gamiel, N. Machnicki, J. Ammirati, J. Birkebak, C. Meyer & A. Allen (2006). *Cortinarius rubellus* Cooke from British Columbia, Canada and western Washington, USA. *Pacific Northwest Fungi* 1.6: 1-7.
- Robbins, W. J. & Hervey, A. (1959). Wood extract and growth of *Morchella*. *Mycologia* 51: 356-363.
- Robison, M. M., B. Chiang & P. A. Horgen (2001). A phylogeny of the genus *Agaricus* based on mitochondrial atp6 sequences. *Mycologia* 93: 30-37.
- Rochon, C., D. Pare, N. Pelardy, D. P. Khasa & J. A. Fortin (2011). Ecology and productivity of *Cantharellus cibarius* var. *roseocanus* in two eastern Canadian jack pine stands. *Botany* 89: 663-675.
- Rogers, J. D. & J. M. Bonman (1978). A white variant of *Caloscypha fulgens* from northern Idaho. *Mycologia* 70: 1286-1287.
- Rogers, J. D. (1979). *Xylaria magnoliae* sp. nov. and comments on several other fruit-inhabiting species. *Canadian Journal of Botany* 57: 941-945.
- Rogers, J. D. (1983). *Xylaria bulbosa*, *Xylaria curta*, and *Xylaria longipes* in continental United States. *Mycologia* 75: 457-467.
- Rogers, J. D. (1984). *Xylaria acuta*, *Xylaria cornu-damae*, and *Xylaria mali* in continental United States. *Mycologia* 76: 23-33.
- Rogers, J. D. (1984). *Xylaria cubensis* and its anamorph *Xylocoremium flabelliforme*, *Xylaria allantoidea*, and *Xylaria poitei* in continental United States. *Mycologia* 76: 912-923.
- Rogers, J. D. & Samuels, G. J. (1986). Ascomycetes of New Zealand 8. *Xylaria*. *New Zealand Journal of Botany* 24: 615-650.
- Rogers, J. D. & B. E. Callan (1986). *Xylaria polymorpha* and its allies in continental United States. *Mycologia* 78: 391-400.
- Rogers, J. D. (1986). Provisional keys to *Xylaria* species in continental United States. *Mycotaxon* 26: 85-97.
- Rogers, J. D. & Y. -M. Ju (1998). The genus *Kretzschmaria*. *Mycotaxon* 68: 345-393.
- Rogers, J. D., Y. -M. Ju, R. Watling & A. J. S. Whalley (1999). A reinterpretation of *Daldinia concentrica* based upon a recently discovered specimen. *Mycotaxon* 72: 507-519.
- Rogers, J. D., F. San Martin & Y. -M. Ju (2002). A reassessment of the *Xylaria* on *Liquidambar* fruits and two new taxa on *Magnolia* fruits. *Sydowia* 54: 91-97.
- Rogers, J. D., A.N. Miller & L. N. Vasilyeva (2008). Pyrenomycetes of the Great Smoky Mountains National Park. VI. *Kretzschmaria*, *Nemania*, *Rosellinia* and *Xylaria* (*Xylariaceae*). *Fungal Diversity* 29: 107-116.
- Rogerson, C. T. & Simms, H. R. (1971). A new species of *Hypomyces* on *Helvella*. *Mycologia* 63: 416-421.
- Rogerson, C. T. & Samuels, G. J. (1994). Agaricolous species of *Hypomyces*. *Mycologia* 86: 839-866.

Ronikier, A. & M. Ronikier (2010). Biogeographical patterns of arctic-alpine fungi: Distribution analysis of *Marasmius epidryas*, a typical circumpolar species of cold environments. *North American Fungi* 5: 23-50.

Roody, W. C. (2003). *Mushrooms of West Virginia and the central Appalachians*. Korea: U Kentucky P. 520 pp.

Roper, M., A. Seminara, M. M. Bandi, A. Cobb, H. R. Dillard & A. Pringle (2010). Dispersal of fungal spores on a cooperatively generated wind. *Proceedings of the National Academy of Sciences* 107: 17474-17479.

Rosenblad, M. A., M. P. Martín, L. Tedersoo, M. Ryberg, A. Larsson, C. Wurzbacher, K. Abarenkov & R. H. Nilsson (2016). Detection of signal recognition particle (SRP) RNAs in the nuclear ribosomal internal transcribed spacer I (ITS1) of three lineages of ectomycorrhizal fungi (Agaricomycetes, Basidiomycota). *MycosKeys* 13: 21-33.

Rosinski, M. A. & A. D. Robison (1968). Hybridization of *Panus tigrinus* and *Lentodium squamulosum*. *American Journal of Botany* 55: 242-246.

Ross-Davis, A. L., J. W. Hanna, M. -S. Kim & N. B. Klopfenstein (2012). Advances toward DNA-based identification and phylogeny of North American *Armillaria* species using elongation factor-1 alpha gene. *Mycoscience* 53: 161-165.

Royse, D. J. & May, B. (1990). Interspecific allozyme variation among *Morchella* spp. and its inferences for systematics within the genus. *Biochemical Systematics and Ecology* 18: 475-479.

Rubel, W. & D. Arora (2008). A study of cultural bias in field guide determinations of mushroom edibility using the iconic mushroom, *Amanita muscaria*, as an example. *Economic Botany* 62: 223-243.

Ryoo, R., H. -D. Sou, K. -H. Ka & H. Park (2013). Phylogenetic relationships of Korean *Sparassis latifolia* based on morphological and ITS rDNA characteristics. *Journal of Microbiology* 51: 43-48.

Ryvarden, L. (1989). *Mycorrhaphium citrinum* sp. nov. (Basidiomycetes, Aphyllophorales). *Memoirs of the New York Botanical Garden* 49: 344-347.

Ryvarden, L. (2001). The genus *Auriscalpium*. *Harvard Papers in Botany* 6: 193-198.

Ryvarden, L. & T. Iturriaga (2003). Studies in neotropical polypores 10. New polypores from Venezuela. *Mycologia* 95: 1066-1077.

Sá, M. C. A. & F. Wartchow (2016). *Volvariella leucocalix* (Pluteaceae), a new species from Brazilian semiarid region. *Mycosphere* 7: 30-35.

Saar, I. (2003). The genera *Cystoderma* and *Cystodermella* (Tricholomataceae) in temperate Eurasia. *Mycotaxon* 86: 455-473.

Saar, I. & T. Laessle (2006). Two new *Cystoderma* species from high Andean Ecuador. *Mycotaxon* 96: 123-127.

Saar, I. & A. Voitk (2015). Type studies of two *Tricholomopsis* species described by Peck. *Mycological*

Progress 14: 46.

Saccardo, P. A. (1889). Helvelleae; *Discina*. In *Sylloge Fungorum VIII*. Ann Arbor, Michigan: J. W. Edwards. 7-33; 99-105.

Sáenz, J. A. (1980). *Ligiella*, a new genus for the Clathraceae. *Mycologia* 72: 338-349.

Sáenz, J. A. & Nassar, C. M. (1982). Hongos de Costa Rica: Familias Phallaceae y Clathraceae. *Revista de Biología Tropical* 30: 41-52.

Saenz, J. A., G. S. Rawla & R. Sharma (1982). *Pseudocolus grandis* a new species for the Clathraceae. *Revista de Biología Tropical* 30: 102-104.

Salmones, D., D. Martínez-Carrera & G. Guzman (1988). Estudio comparativo sobre el cultivo de *Volvariella bakeri* y *Volvariella bombycina* en diferentes desechos agroindustriales. *Biotica* 13: 7-16.

Samuels, G. J. (2008). *Fungicolous fungi of the mid Atlantic states*. Beltsville, MD: Published by the author.

Samuels, G. J. & A. Ismaiel (2011). *Hypocrea peltata*: a mycological Dr Jekyll and Mr Hyde? *Mycologia* 103: 616-630.

Samuelson, D. A. (1978). Asci of the Pezizales. VI. The apical apparatus of *Morchella esculenta*, *Helvella crispa*, and *Rhizina undulata*. General discussion. *Canadian Journal of Botany* 56: 3069-3082.

San Juan Mountains Association. (1999) *Trees native to the forests of Colorado*. Durango, CO: San Juan Mountains Association. 22 pp.

San Martín, F., P. Lavin & J. D. Rogers. (2001). Some species of *Xylaria* (Hymenoascomycetes, Xylariaceae) associated with oaks in Mexico. *Mycotaxon* 79: 337-360.

Sánchez-García, M., P. B. Matheny, G. Palfner & D. J. Lodge (2014). Deconstructing the Tricholomataceae (Agaricales) and introduction of the new genera *Albomagister*, *Corneriella*, *Pogonoloma* and *Pseudotracheloma*. *Taxon* 63: 993-1007.

Sanchez-Garcia, M. & P. B. Matheny (2017). Is the switch to an ectomycorrhizal state an evolutionary key innovation in mushroom-forming fungi? A case study in the Tricholomataceae (Agaricales). *Evolution* 71: 51-65.

Sandoval-Leiva, P., Henríquez, J. L. & L. Trierveiler-Pereira (2014). Additions to Chilean phalloid mycota. *Mycotaxon* 128: 45-54.

Sarc, L. & M. Jamsek (2006). Is *Gyromitra esculenta* really a conditionally edible mushroom? - Case report. *Clinical Toxicology* 44: 519.

Saylor, H. (n.d.). Key to the genus *Arcangeliella* in California. Retrieved from the *MykoWeb* Web site: http://www.mykoweb.com/CAF/keys/Arcangeliella_key.pdf

Schaechter, E. (1997). *In the Company of Mushrooms: A Biologist's Tale*. Cambridge: Harvard UP. 280 pp.

Schalkwijk-Barendsen, H. M. E. (1991). *Mushrooms of Northwest North America*. Redmond, WA: Lone

Pine. 414 pp.

Schlosser, W. E. & Blatner, K. A. (1995). The wild edible mushroom industry of Washington, Oregon and Idaho: A 1992 survey. *Journal of Forestry* 93: 31-36.

Schmidt, E. L. (1979) Puffing in *Morchella*. 13: *Journal??* (Trans. Brit. Myco. Soc. ?) 126-127.

Schmidt, E. L. (1983). Spore germination of and carbohydrate utilization by *Morchella esculenta* at different soil temperature. *Mycologia* 75: 870-875.

Schmit, J. P. (2002). Tradeoffs between reproduction and mycelium production in the unit-restricted decomposer *Coprinus cinereus*. *Mycologia* 94: 40-48.

Schmidt-Stohn, G., T. E. Brandrud & B. Dima (2018). *Cortinarius caesiocinctus* and *Cortinarius cobaltinus*, a poorly known pair of sister species. *Journal des JEC* 20: 3-21.

Schnabel, G., J. S. Ash & P. K. Bryson (2005). Identification and characterization of *Armillaria tabescens* from the southeastern United States. *Mycological Research* 109: 1208-1222.

Schoch, C. L., K. A. Seifert, S. Huhndorf, V. Robert, J. L. Spouge, C. A. Levesque, W. Chen & Fungal Barcoding Consortium (2012). Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. *Proceedings of the National Academy of Sciences* 109: 6241-6246.

Schoch, C. L., B. Robbertse, V. Robert, D. Vu, G. Cardinali, L. Irinyi, W. Meyer, R. H. Nilsson, K. Hughes, A. N. Miller, P. M. Kirk, K. Abarenkov, M. C. Aime, H. A. Ariyawansa, M. Bidartono, T. Boekhout, B. Buyck, Q. Cai, J. Chen, A. Crespo, P. W. Crous, U. Damm, Z. W. De Beer, B. T. M. Dentinger, P. K. Divakar, M. Dueñas, N. Feau, K. Fliegerova, M. A. García, Z. -W. Ge, G. W. Griffith, J. Z. Groenewald, M. Groenewald, M. Grube, M. Gryzenhout, C. Gueidan, L. Guo, S. Hambleton, R. Hamelin, K. Hansen, V. Hofstetter, S. -B. Hong, J. Houbraken, K. D. Hyde, P. Inderbitzin, P. R. Johnston, S. M. Karunaratna, U. Kõljalg, G. M. Kovács, E. Kraichak, K. Krizsan, C. P. Kurtzman, K. -H. Larsson, S. Leavitt, P. M. Letcher, K. Liimatainen, J. -K. Liu, D. J. Lodge, J. J. Luangsa-ard, H. T. Lumbsch, S. S. N. Maharachchikumbura, D. Manamgoda, M. P. Martin, A. M. Minnis, J. -M. Moncalvo, G. Mulè, K. N. Nakasone, T. Niskanen, I. Olariaga, T. Papp, T. Petkovits, R. Pino-Bodas, M. J. Powell, H. A. Raja, D. Redecker, J. M. Sarmiento-Ramirez, K. A. Seifert, B. Shrestha, S. Stenroos, B. Stielow, S. -O. Suh, K. Tanaka, L. Tedersoo, M. T. Telleria, D. Uribeondo, K. V. Subbarao, C. Vágvölgyi, C. Visagie, K. Voigt, D. M. Walker, B. S. Weir, M. Weiß, N. N. Wijayawardene, M. J. Wingfield, J. P. Xu, Z. L. Yang, N. Zhang, W. -Y. Zhuang & S. Federhen (2014). Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. *Database* 2014, 1, bau061.

Schumacher, T. (1990). The genus *Scutellinia* (Pyronemataceae). Copenhagen: Opera Botanica. 107 pp.

Scopoli, I. A. (1772). *Flora carniolica*. 2. Vienna, J. P. Krauss. 496 pp.

Scott, J. A. (1986). *The butterflies of North America*. Stanford, CA: Stanford University Press. 583 pp.

Seaver, F. J. (1942). *The North American cup-fungi (operculates)*. Supplemented edition. Lancaster, PA: Lancaster Press. 377 pp.

Seaver, F. J. (1951). *The North American cup-fungi (inoperculates)*. Lancaster, PA: Lancaster Press.

428 pp.

Seelan, J. S. S., A. Justo, L. G. Nagy, E. A. Grand, S. A. Redhead & D. Hibbett (2015). Phylogenetic relationships and morphological evolution in *Lentinus*, *Polyporellus* and *Neofavolus*, emphasizing southeastern Asian taxa. *Mycologia* 107: 460-474.

Seidl, M. T. (2000). Phylogenetic relationships within *Cortinarius* subgenus *Myxacium*, sections *Defibulati* and *Myxacium*. *Mycologia* 92: 1091-1102.

Seifert, K. A. (1983). Decay of wood by the Dacrymycetales. *Mycologia* 75: 1011-1018.

Selosse, M. A. (2003). Founder effect in a young *Leccinum duriusculum* (Schultzer) Singer population. *Mycorrhiza* 13: 143-149.

Senthilarasu, G., R. Sharma & S. K. Singh (2012). A new species of *Volvariella* from India. *Mycotaxon* 119: 467-476.

Seok, S. J., Y. S. Kim, H. Y. Weon, K. H. Lee, K. M. Park, K. H. Min & K. H. Yoo (2002). Taxonomic study on *Volvariella* in Korea. *Mycobiology* 30: 183-192.

Sequiera, A. & N. Talice-Lacombe (2008). Hongos comestibles y venenosos del Uruguay. Banco de seguros del estado de Uruguay. Almanaque 2008: 26-37.

Shaffer, R. L. (1957). *Volvariella* in North America. *Mycologia* 49: 545-579.

Shaffer, R. L. (1962). Synonyms, new combinations, and new species in *Volvariella* (Agaricales). *Mycologia* 54: 563-572.

Shaffer, R. L. (1962). The subsection *Compactae* of *Russula*. *Brittonia* 14: 254-284.

Shaffer, R. L. (1964). The subsection *Lactarioideae* of *Russula*. *Mycologia* 56: 202-231.

Shaffer, R. L. (1968). *Keys to genera of higher fungi*. Ann Arbor: U Michigan Biological Station. 131 pp.

Shaffer, R. L. (1970). Notes on the subsection *Crassotunicatinae* and other species of *Russula*. *Lloydia* 33: 49-96.

Shaffer, R. L. (1972). North American russulas of the subsection *Foetentinae*. *Mycologia* 64: 1008-1053.

Shaffer, R. L. (1975). Some common North American species of *Russula* Subsect. Emeticinae. *Nova Hedwigia* 51: 207-237.

Shaffer, R. L. (1989). Four white-capped species of *Russula* (Russulaceae). *Memoirs of the New York Botanical Garden* 49: 348-354.

Shaffer, R. L. (1990). Notes on the Archaeinae and other russulas. *Contributions to the University of Michigan Herbarium* 17: 295-306.

Shanks, K. M. (1994). A systematic study of *Tricholoma* in California. Ph.D. thesis, San Francisco State University. 207 pp.

- Shanks, K. M. (1996). New species of *Tricholoma* from California and Oregon. *Mycologia* 88: 497-508.
- Shaw, T. M., J. Dighton & F. E. Sanders. Interactions between ectomycorrhizal and saprotrophic fungi on agar and in association with seedlings of lodgepole pine (*Pinus contorta*). *Mycological Research* 99: 159-165.
- Shen, Q., D. M. Geiser & D. J. Royse (2002). Molecular phylogenetic analysis of *Grifola frondosa* (maitake) reveals a species partition separating eastern North America and Asian isolates. *Mycologia* 94: 472-482.
- Sherwood, M. A. (1980). Taxonomic studies in the Phacidiales: The genus *Coccomyces* (Rhytismataceae). *Occasional Papers of the Farlow Herbarium of Cryptogamic Botany* 15: 1-120.
- Shupe, S. (2019). Illinois wildlife encyclopedia: An illustrated guide to birds, fish, mammals, reptiles, and amphibians. New York: Skyhorse Publishing. 236 pp.
- Sibley, D. A. (2009). *The Sibley guide to trees*. New York: Alfred A. Knopf. 425 p.
- Sibley, D. A. (2014). *The Sibley guide to birds*. Second edition. New York: Alfred A. Knopf. 599 pp.
- Siegel, N., N. H. Nguyen & E. C. Vellinga (2015). *Pholiota olivaceophylla*, a forgotten name for a common snowbank fungus, and notes on *Pholiota nubigena*. *Mycotaxon* 130: 517-532.
- Siegel, N. & C. Schwarz (2016). *Mushrooms of the redwood coast: a comprehensive guide to the fungi of coastal northern California*. Berkeley: Ten Speed Press. 602 pp.
- Siegel, N., E. C. Vellinga, C. Schwarz, M. A. Castellano & D. Ikeda (2019). *A field guide to the rare fungi of California's national forests*. Minneapolis, MN: Bookmobile. 313 pp.
- da Silva, P. S., V. G. Cortez & R. M. B. da Silveira (2009). New species of *Stropharia* from *Araucaria angustifolia* forests of southern Brazil. *Mycologia* 101: 539-544.
- da Silva, P. S., R. M. B. da Silveira & V. G. Cortez (2014). Notes on *Deconica* and *Psilocybe* (Agaricales) from the southern border of Atlantic forest and Pampa biomes of Brazil. *Sydowia* 66: 217-228.
- da Silva, B. D. B., T. S. Cabral, M. P. Martín, P. Marinho, F. D. Calonge & I. G. Baseia (2015). *Mutinus albotruncatus* (Phallales, Agaricomycetes), a new phalloid from the Brazilian semiarid, and a key to the world species. *Phytotaxon* 236: 237-248.
- Silva-Filho, A. G. S., C. C. Bottke, I. G. Baseia, V. G. Cortez & F. Wartchow (2019). Morphological description and new records of *Hygrocybe conica* var. *conica* and *H. nigrescens* var. *brevispora* (Hygrophoraceae) in Brazil. *Hoehnea* 46: e012019.
- Simonds, R. L. & H. H. Tweedie (1978). *Wildflowers of the Great Lakes Region*. Chicago: Chicago Review Press. 96 pp.
- Siquier, J. L. & J. C. Salom (2017). Il genere *Pholiotina* nelle Isole Baleari (Spagna)--I *Pholiotina mediterranea* sp. nov. *Revista di Micologia* 60: 213-236.
- Shimono, Y., M. Kato & S. Takamatsu (2004). Molecular phylogeny of Russulaceae (Basidiomycetes);

Russulales) inferred from the nucleotide sequences of nuclear large subunit rDNA. *Mycoscience* 45: 303-316.

Shupe, S. (2019). *Illinois wildlife encyclopedia: An illustrated guide to birds, fish, mammals, reptiles, and amphibians*. New York: Skyhorse Publishing. 235 pp.

Sierra, S. & J. Cifuentes (2005). A new species of *Dacryopinax* from Mexico. *Mycotaxon* 92: 243-250.

Simberloff, D., J. -L. Martin, P. Genovesi, V. Maris, D. A. Wardle, J. Aronson, F. Courchamp, B. Galil, E. García-Berthou, M. Pascal, P. Pušek, R. Sousa, E. Tabacchi & M. Vilà (2013). *Trends in Ecology & Evolution* 28: 58-66.

Simonini, G., M. Floriani, M. Binder & H. Besl (2001). Two close extraeuropean boletes: *Boletus violaceofuscus* and *Boletus separans*. *Micologia e Vegetazione Mediterranea* 16: 148-170.

Simpson, W. Synonymy of North American *Russula*. A literature survey. *Russulales News* 5: 23-33.

Sims, K. P., R. Watling & P. Jeffries (1995). A revised key to the genus *Scleroderma*. *Mycotaxon* 56: 403-420.

Singer, R. (1942). A monographic study of the genera *Crinipellis* and *Chaetocalathus*. *Lilloa* 8: 441-533.

Singer, R. & Smith, A. H. (1943). A monograph on the genus *Leucopaxillus* Boursier. *Papers of the Michigan Academy of Science* 28: 85-132.

Singer, R. (1945). New Boletaceae from Florida (a preliminary communication). *Mycologia* 37: 797-799.

Singer, R. (1945). The Boletinae of Florida with notes on extralimital species. I. Strobilomycetaceae. *Farlowia* 2: 97-141.

Singer, R. (1945). The Boletinae of Florida with notes on extralimital species. II. The Boletaceae (Gyroporoideae). *Farlowia* 2: 223-303.

Singer, R. (1946). The Boletinae of Florida with notes on extralimital species. IV. The Lamellate families (Gomphidiaceae, Paxillaceae, and Jugasporaceae). *Farlowia* 2: 527-5670.

Singer, R. & Smith, A. H. (1946). The taxonomic position of *Pholiota mutabilis* and related species. *Mycologia* 38: 500-523.

Singer, R. (1947). New genera of fungi. III. *Mycologia* 39: 77-89.

Singer, R. (1947). The Boletinae of Florida with notes on extralimital species. III. *The American Midland Naturalist* 37: 1-263.

Singer, R. & Smith, A. H. (1947). Additional notes on the genus *Leucopaxillus*. *Mycologia* 39: 725-736.

Singer, R. (1948). New and interesting species of Basidiomycetes. II. *Papers of the Michigan Academy of the Sciences* 32: 103-150.

Singer, R. (1949). The genus *Gomphidius* Fries in North America. *Mycologia* 41: 462-489.

- Singer, R. (1950). New and interesting species of Basidiomycetes III. *Sydowia* 4: 130-157.
- Singer, R. (1952). *Porpoloma*. In: The agarics of the Argentine sector of Tierra del Fuego and limitrophous regions of the Magallanes area. Part I. White and pink spored groups. *Sydowia* 6: 198-201.
- Singer, R. (1956). Contributions towards a monograph of the genus *Pluteus*. *Transactions of the British Mycological Society* 39: 145-232.
- Singer, R. (1957). New and interesting species of Basidiomycetes V. *Sydowia* 11: 141-272.
- Singer, R. (1958,1959). Studies toward a monograph of the South American species of *Marasmius*. *Sydowia* 12: 54-145.
- Singer, R. (1960). Persoon's Synopsis 1801 as starting point for all fungi? *Taxon* 9: 35-37.
- Singer, R. (1960). A marasmioid agaric with bilateral trama (New genera of fungi, XI). *Lilloa* 30: 375-379.
- Singer, R. & A. H. Smith (1960). Studies on secotiaceous fungi. IX. The astrogastreaeous series. *Memoirs of the Torrey Botanical Club* 21: 1-112.
- Singer, R. (1962). The Agaricales in modern taxonomy. Second edition. Weinheim, Germany: J. Cramer. 915 pp.
- Singer, R. (1964). Die Gattung *Gerronema*. *Nova Hedwigia* 7: 53-92.
- Singer, R. (1973). The genera *Marasmiellus*, *Crepidotus* and *Simocybe* in the neotropics. Germany: J. Cramer. 517 pp.
- Singer, R. (1977). *The Boletinae of Florida*. Germany: J. Cramer.
- Singer, R. (1978). Keys for the identification of the species of Agaricales I. *Sydowia* 30: 192-279.
- Singer, R. (1979). Keys for the identification of the species of Agaricales II. *Sydowia* 31: 193-237.
- Singer, R. & P. Ponce de Leon (1982). Galeropsidaceae west of the Rocky Mountains. *Mycotaxon* 14: 82-90.
- Singer, R. (1962). *The Agaricales in modern taxonomy*. 2nd. edition. Weinheim: J. Cramer. 915 pp.
- Singer, R. (1986). Boletaceae Chevalier. In Singer, R. *The Agaricales in modern taxonomy*. 4th. edition. Koenigstein: Koeltz Scientific Books. 737-802.
- Singer, R. (1989). New taxa and new combinations of Agaricales (Diagnoses fungorum nuovum Agaricalium IV). *Fieldiana Botany* 21: 1-133.
- Singer, R. & R. Williams (1992). Some boletes from Florida. *Mycologia* 84: 724-728.
- Singh, S. K., S. Kamal, M. Tiwari, M. Yadav & R. C. Upadhyay (2004). Arbitrary primer based RAPD— A useful genetic marker for species identification in morels. *Journal of Plant Biochemistry & Biotechnology* 13: 7-12.

- Singh, S. K., M. Tiwari, S. Kamal & M. C. Yadav (2005). Morel phylogeny and diagnostics based on restriction fragment length polymorphism analysis of ITS region of 5.8S ribosomal RNA gene. *Journal of Plant Biochemistry and Biotechnology* 14: 179-183.
- Skrede, I., T. Carlsen & T. Schumacher (2017). A synopsis of the saddle fungi (*Helvella*: Ascomycota) in Europe--species delimitation, taxonomy and typification. *Persoonia* 39: 201-253.
- Smith, A. H. (n.d.) *Amanita barrowsii*. From an unpublished manuscript on *Amanita*.
- Smith, A. H. (1937). Notes on agarics from the western United States. *Bulletin of the Torrey Botanical Club* 64: 477-487.
- Smith, A. H. (1938). *Common Edible and Poisonous Mushrooms of Southeastern Michigan*. (Cranfield Institute of Science Bulletin No. 14.) Bloomfield Hills, MI: Cranfield Institute of Science. 71 pp.
- Smith, A. H. (1939). Studies in the genus *Cortinarius* I. *Contributions from the University of Michigan Herbarium* 2. 43 pp.
- Smith, A. H. & L. R. Hesler (1940). New and unusual agarics from the Great Smoky Mountains National Park. *Journal of the Elisha Mitchell Scientific Society* 56: 302-324.
- Smith, A. H. (1940). Studies in the genus *Agaricus*. *Paper from the University of Michigan Herbarium* 24: 107-138.
- Smith, A. H. (1941). Studies of North American agarics--I. *Contributions from the University of Michigan Herbarium* 5: 1-73.
- Smith, A. H. (1941). New and unusual agarics from North America. II. *Mycologia* 33: 1-16.
- Smith, A. H. (1942). New and unusual agarics from Michigan III. *Papers of the Michigan Academy of Science, Arts, and Letters* 27: 57-74.
- Smith, A. H. (1942). New and unusual *Cortinarii* from Michigan, with a key to the North American species of subgenus *Bulbopodium*. *Bulletin of the Torrey Botanical Club* 69: 44-64.
- Smith, A. H. & L. R. Hesler (1943). New and interesting agarics from Tennessee and North Carolina. *Lloydia* 6: 248-266.
- Smith, A. H. & M. B. Walters (1943). A new species of *Tricholoma*. *Mycologia* 35: 477-179.
- Smith, A. H. (1944). New and interesting *Cortinarii* from North America. *Lloydia* 7: 163-235.
- Smith, A. H. (1944). New North America agarics. *Mycologia* 36: 242-262.
- Smith, A. H. (1944). Unusual North American agarics. *The American Midland Naturalist* 32: 669-698.
- Smith, A. H. & P. M. Rea (1944). Fungi of southern California: II. *Mycologia* 36: 125-137.
- Smith, A. H. & M. B. Walters (1944). A new species of *Crinipellis* from Ohio. *Mycologia* 36: 276-278.
- Smith, A. H. & Singer, R. (1945). A monograph on the genus *Cystoderma*. *Papers of the Michigan Academy of Science* 30: 71-124.

- Smith, A. H. & E. E. Morse (1947). The genus *Cantharellus* in the western United States. *Mycologia* 39: 497-534.
- Smith, A. H. (1947). *North American species of Mycena*. Ann Arbor: U Michigan P. 521 pp.
- Smith, A. H. & M. B. Walters (1947). Notes on the genus *Armillaria*. *Mycologia* 39: 622-625.
- Smith, A. H. (1948). Studies in the dark-spored agarics. *Mycologia* 40: 669-707.
- Smith, A. H. (1949). *Mushrooms in their natural habitat*. New York: Hafner Press. 626 pp.
- Smith, A. H. & Stuntz, D. E. (1950). New or noteworthy fungi from Mt. Rainier National Park. *Mycologia* 42: 80-134.
- Smith, A. H. (1951). *Puffballs and their allies in Michigan*. Ann Arbor: University of Michigan Press. 131 pp.
- Smith, A. H. (1951). North American species of *Naematoloma*. *Mycologia* 43: 466-521.
- Smith, A. H. (1953). New and rare agarics from the Douglas Lake region and Tahquamenon Falls State Park, Michigan, and an account of the North American species of *Xeromphalina*. *Papers of the Michigan Academy of Science, Arts, and Letters* 38: 53-87.
- Smith, A. H. (1957). A contribution toward a monograph of *Phaeocollybia*. *Brittonia* 9: 195-217.
- Smith, A. H. (1958/1973). *The mushroom hunter's field guide*. Ann Arbor: U Michigan P. 264 pp.
- Smith, A. H. & D. E. Stuntz (1958). Studies on the genus *Pluteus* I. Redescriptions of American species based on a study of type specimens. *Lloydia* 21: 115-136.
- Smith, A. H. & R. Singer (1958). Studies on secotiaceous fungi. VIII. A new genus in the Secotiaceae related to *Gomphidius*. *Mycologia* 50: 927-938.
- Smith, A. H. & R. Singer (1959). Studies on secotiaceous fungi—IV: *Gastroboletus*, *Truncocolumella*, and *Chamonixia*. *Brittonia* 11: 205-223.
- Smith, A. H. (1960). *Tricholomopsis* (Agaricales) in the Western Hemisphere. *Brittonia* 12: 41-70.
- Smith, A. H. (1962). Notes on astrogastraceous fungi. *Mycologia* 54: 626-639.
- Smith, A. H. & L. R. Hesler (1962). Studies on *Lactarius*—III the North American species of section *Plinthogali*. *Brittonia* 14: 369-440.
- Smith, A. H. (1963). New astrogastraceous fungi from the Pacific Northwest. *Mycologia* 55: 421-441.
- Smith, A. H. & Singer, R. (1964). *A monograph on the genus Galerina Earle*. New York: Hafner Press. 384 pp.
- Smith, A. H. & Thiers, H. D. (1964). *A contribution toward a monograph of North American species of Suillus*. Ann Arbor: U Michigan P. 116 pp.
- Smith, A. H., Thiers, H. D. & Miller, O. K. (1965). The species of *Suillus* and *Fuscoboletinus* of the

- Priest River Experimental Forest and vicinity, Priest River, Idaho. *Lloydia* 28: 120-138.
- Smith, A. H., H. D. Thiers & R. Watling (1966). A preliminary account of the North American species of *Leccinum*, Section *Leccinum*. *The Michigan Botanist* 5: 131-178.
- Smith, A. H., H. D. Thiers & R. Watling (1967). A preliminary account of the North American species of *Leccinum*, Sections *Luteoscabra* and *Scabra*. *The Michigan Botanist* 6: 107-154.
- Smith, A. H. & Thiers, H. D. (1967). Comments on *Suillus amabilis* and *Suillus lakei*. *Mycologia* 59: 361-367.
- Smith, A. H. (1968). The Cantharellaceae of Michigan. *Michigan Botanist* 7: 143-183.
- Smith, A. H. & L. R. Hesler (1968). *The North American Species of Pholiota*. New York: Hafner. 402 pp.
- Smith, A. H., H. D. Thiers & R. Watling (1968). Notes on species of *Leccinum*. I. Additions to Section *Leccinum*. *Lloydia* 31: 252-267.
- Smith, A. H. & Thiers, H. D. (1968). Notes on boletes—I. 1. The generic position of *Boletus subglabripes* and *Boletus chromapes*. 2. A comparison of four species of *Tylopilus*. *Mycologia* 60: 943-954.
- Smith, A. H. & H. D. Thiers (1971). *The boletes of Michigan*. Ann Arbor: University of Michigan Press. 428 pp.
- Smith, A. H. (1971). Some observations on selected species of *Clavariadelphus*. *Mycologia* 63: 1073-1076.
- Smith, A. H. (1972). The North American species of *Psathyrella*. *Memoirs of the New York Botanical Garden* 24: 1-633.
- Smith, A. H. & Trappe, J. M. (1972). The higher fungi of Oregon's Cascade Head Experimental Forest and vicinity - I. The genus *Phaeocollybia* (Agaricales) and notes and descriptions of other species in the Agaricales. *Mycologia* 64: 1138-1153.
- Smith, A. H. (1975). *A field guide to western mushrooms*. Ann Arbor: University of Michigan Press. 280 pp.
- Smith, A. H. (1977). Comments on hallucinogenic agarics and the hallucinations of those who study them. *Mycologia* 69: 1196-1200.
- Smith, A. H., H. V. Smith & N. S. Weber (1979). *How to know the gilled mushrooms*. Dubuque, Iowa: Wm. C. Brown. 334 pp.
- Smith, A. H. (1979). The stirps *Caligata* of *Armillaria* in North America. *Sydowia* 8: 368-377.
- Smith, A. H. (1979). *Stropharia riparia*, a previously undescribed species suspected of occurring in Michigan. *The Michigan Botanist* 18: 107-108.
- Smith, A. H., H. V. Smith & N. S. Weber (1981). *How to know the non-gilled mushrooms*. Dubuque, Iowa: Wm. C. Brown. 324 pp.

- Smith, A. H., V. S. Evenson & D. H. Mitchel (1983). *The veiled species of Hebeloma in the western United States*. Ann Arbor: University of Michigan Press. 219 pp.
- Smith, A. H. (1984). Studies of species of Hebeloma (Fr.) Kummer from the Great Lakes region of North America I. *Sydowia* 37: 271-283.
- Smith, C. W. & P. Ponce de Leon (1982). Hawaiian geastroid fungi. *Mycologia* 74: 712-717.
- Smith, E. C. (1930). *Trametes hispida* a destructive parasite in apple orchards. *Mycologia* 22: 221-222.
- Smith, H. V. (1945). The genus *Limacella* in North America. *Papers of the Michigan Academy of Science* 30: 125-147.
- Smith, H. V. (1954). A revision of the Michigan species of *Lepiota*. *Lloydia* 17: 307-328.
- Smith, H. V. (1966). Contributions toward a monograph on the genus *Lepiota*, I. Type studies in the genus *Lepiota*. *Mycopathologia et Mycologia Applicata* 29: 97-117.
- Smith, H. V. & Sundberg, W. J. (1979). Studies on the Lepiotaceae of the Pacific Coast region. I. Two new species. *Mycotaxon* 8: 446-452.
- Smith, H. V. (1981). Some species of *Leucocoprinus* which grow in greenhouses. *The Michigan Botanist* 20: 45-52.
- Smith, H. V. & N. S. Weber (1982). Selected species of *Leucocoprinus* from the southeastern United States. *Contributions from the University of Michigan Herbarium* 15: 297-309.
- Smith, P. W. (1961). *The amphibians and reptiles of Illinois*. Illinois Natural History Survey Bulletin 28: 298 pp.
- Smith, T. W., C. Rothfels & E. Oberndorfer (2006). *COSEWIC assessment and update status report on the American columbo* *Frasera caroliniensis* in Canada. Ottawa. 27 pp. Retrieved 18 September 2019 from the Government of Canada website.
- Snell, W. H., A. H. Smith & L. R. Hesler (1940). New species of boleti from Cades Cove in the Great Smokies. *Journal of the Elisa Mitchell Society* 56: 325-328.
- Snell, W. H. & E. A. Dick (1941). Notes on boletes. VI. *Mycologia* 33: 23-37.
- Snell, W. H. (1942). New proposals relating to the genera of Boletaceae. *Mycologia* 34: 403-411.
- Snell, W. H. & E. A. Dick (1961). Notes on boletes. XIV. *Mycologia* 53: 228-236.
- Snell, W. H. & Dick, E. A. (1970). *The boleti of northeastern North America*. Germany: J. Cramer. 115 pp.
- Snyder, L. C. (1938). The operculate Discomycetes of western Washington. University of Washington Publications in Biology 8: 1-64.
- Song, B., T. Li, T. Li, Q. Huang & W. Deng (2018). *Phallus fuscoechinovolvatus* (Phallaceae, Basidiomycota), a new species with a dark spinose volva from southern China. *Phytotaxa* 334: 19-27.

- Song, J. & B. -K. Cui (2017). Phylogeny, divergence time and historical biogeography of *Laetiporus* (Basidiomycota, Polyporales). *BMC Evolutionary Biology* 17: 102.
- Soop, K. (1993). On *Cortinarius* in boreal pine forests. *Agarica* 12: 101-116.
- Sotome, K., T. Hattori, Y. Ota, C. To-anun, B. Salleh & M. Kakishima (2008). Phylogenetic relationships of *Polyporus* and morphologically allied genera. *Mycologia* 100: 603-615.
- Sotome, K., Y. Akagi, S. S. Lee, N. K. Ishikawa & T. Hattori (2013). Taxonomic study of *Favolus* and *Neofavolus* gen. nov. segregated from *Polyporus* (Basidiomycota, Polyporales). *Fungal Diversity* 58: 254-266.
- Spatafora, J. W., G. H. Sung, D. Johnson, C. Hesse, B. O'Rourke, M. Serdani, R. Spotts, F. Lutzoni, V. Hofstetter, J. Miadlikowska, V. Reeb, C. Gueidan, E. Fraker, T. Lumbsch, R. Lucking, I. Schmitt, K. Hosaka, A. Aptroot, C. Roux, A. N. Miller, D. M. Geiser, J. Hafellner, G. Hestmark, A. E. Arnold, B. Budel, A. Rauhut, D. Hewitt, W. A. Untereiner, M. S. Cole, C. Scheidegger, M. Schultz, H. Sipman & C. L. Schoch (2006). A five-gene phylogeny of Pezizomycotina. *Mycologia* 98: 1018-1028.
- Spaulding, P. (1905). A disease of black oaks caused by *Polyporus obtusus* Berk. *Missouri Botanical Garden Annual Report* 1905: 109-116.
- Spirin, V., S. Volobuev, M. Okun, O. Miettinen & K. -H. Larsson (2017). What is the type species of *Phanerochaete* (Polyporales, Basidiomycota)? *Mycological Progress* 16: 171-183.
- Spirin, V., J. Vlasák, B. Rivoire, H. Kotiranta & O. Miettinen (2016). Hidden diversity in the *Antrodia malicola* group (Polyporales, Basidiomycota). *Mycological Progress* 15: 51.
- Spirin, V., V. Malysheva, A. Yurkov, O. Miettinen & K. -H. Larsson (2018). Studies in the *Phaeotremella foliacea* group (Tremellomycetes, Basidiomycota). *Mycological Progress* 17: 451-466.
- Spooner, B. M. & Y. -J. Yao (1995). Notes on British taxa referred to *Aleuria*. *Mycological Research* 99: 1515-1518.
- Spooner, B. (2011). *Aleuria congregex* (Pezizales) new to Britain, with a key to British species of *Aleuria*. *Field Mycology* 12: 54-55.
- Sridhar, K. R. & N. C. Karun (2013). On the basket stinkhorn mushroom *Phallus merulinus* (Phallaceae) in Mangalore, Karnataka, India. *Journal of Threatened Taxa* 5: 3958-3988.
- Stadler, M., H. Wollweber, W. Jäger, M. Briegert, G. Venturella, J. M. Castro & H. V. Tichy (2004). Cryptic species related to *Daldinia concentrica* and *D. eschscholzii*, with notes on *D. bakeri*. *Mycological Research* 108: 257-273.
- Stadler, M., T. L. Laessoe, J. A. Simpson, & H. Wollweber (2004). A survey of *Daldinia* species with large ascospores. *Mycological Research* 108: 1025-1041.
- Stadler, M., T. Læssøe, J. Fournier, C. Decock, B. Schmieschek, H. -V. Tichy & D. Peršoh (2014). A polyphasic taxonomy of *Daldinia* (Xylariaceae). *Studies in Mycology* 77: 1-143.
- Stadler, M., D. L. Hawksworth & J. Fournier (2014). The application of the name *Xylaria hypoxylon*, based on *Clavaria hypoxylon* of Linnaeus. *IMA Fungus* 5: 57-66.

Stalpers, J. A. & I. Vlug (1983). *Confistulina*, the anamorph of *Fistulina hepatica*. *Canadian Journal of Botany* 61: 1660-1666.

Stalpers, J. A. (1992). *Albatrellus* and the Heriaceae. *Persoonia* 14: 537-541.

Stalpers, J. A. (1993). The aphylophoraceous fungi I. Keys to the species of the Thelephorales. *Studies in Mycology* 35: 1-168.

Stalpers, J. A. (1996). The aphylophoraceous fungi—II. Keys to the species of Hericiales. *Studies in Mycology* 40: 1-185.

Stamets, P. E. (1978). *Psilocybe* mushrooms and their allies. Seattle: Homestead Book Company. 160 pp.

Stamets, P. E., M. W. Beug & J. E. Bigwood (1980). A new species and a new variety of *Psilocybe* from North America. *Mycotaxon* 11: 476-484.

States, J. S. (1990). *Mushrooms and truffles of the Southwest*. Tucson: Arizona UP. 233 pp.

Steffen, K. T., T. Cajthaml, J. Snajdr & P. Baldrian (2007). Differential degradation of oak (*Quercus petraea*) leaf litter by litter-decomposing basidiomycetes. *Research in Microbiology* 158: 447-455.

Stephenson, S. L. & Stempen, H. (2000). *Myxomycetes: A handbook of slime molds*. Portland: Timber Press. 183 pp.

Stephenson, S. L., R. W. Stauffacher & C. Rojas (2020). Myxomycetes collected in the eastern United States and patterns of relative biodiversity. *Mycology*. DOI: 10.1080/21501203.2019.1710302

Stewart, H. L. & Grund, D. W. (1974). Nova Scotian fungi. New species and records of amanitas for the province. *Canadian Journal of Botany* 52: 331-379.

Stevens, F. (n.d.). Key to common California puffballs. Retrieved October, 2008 from the MykoWeb Web site: http://mykoweb.com/CAF/keys/Puffball_key.pdf

Stone, M. (2010). *Missouri's wild mushrooms*. Jefferson City, MO: Missouri Department of Conservation. 187 pp.

Stott, K., C. Desmerger & P. Holford (2005). Relationship among *Lepista* species determined by CAPS and RAPD. *Mycological Research* 109: 205-211.

Stubbe, D., J. Nuytinck & A. Verbeken (2010). Critical assessment of the *Lactarius gerardii* species complex (Russulales) *Fungal Biology* 114: 271-283.

Stuntz, D. E. (1947). Studies in the genus *Inocybe* I. New and noteworthy species from Washington. *Mycologia* 39: 21-55.

Stuntz, D. E. (Date not provided.) *How to identify mushrooms to genus IV: Keys to families and genera*. Eureka, California: Mad River Press. 94 pp.

Sturgeon, W. E. (2018). *Appalachian mushrooms: a field guide*. Athens: Ohio University Press. 471 pp.

Sugiyama, J., K. Hosaka & S. O. Suh (2006). Early diverging Ascomycota: phylogenetic divergence

and related evolutionary enigmas. *Mycologia* 98: 996-1005.

Suh, S-J. & Kim, J-G. (2002). Secondary structure and phylogenetic implications of ITS2 in the genus *Tricholoma*. *Journal of Microbiology and Biotechnology* 12: 130-136.

Sundberg, W. J. (1971a). A new species of *Lepiota*. *Mycologia* 63: 79-82.

Sundberg, W. J. (1971b). The genus *Chlorophyllum* (Lepiotaceae) in California. *Madrono* 21: 15-20.

Sundberg, W. S. & J. M. Trappe (1975). Notes on *Zelleromyces cinnabarinus* (Basidiomycetes, Hydnangiales). *Mycologia* 67: 1176-1181.

Sundberg, W. J. (1976). *Lepiota* sensu lato in California. II. Type studies of *Lepiota cupressa* and *Lepiota marginata*. *Mycotaxon* 3: 381-386.

Sundberg, W. J. & J. A. Richardson (1980). *Mushrooms and Other Fungi of Land Between the Lakes*. Tennessee: Tennessee Valley Authority. 60 pp.

Sundberg, W. J., A. S. Methven & H. L. Monoson (1997). *Rhodotus palmatus* (Basidiomycetes, Agaricales, Tricholomataceae) in Illinois. *Mycotaxon* 65: 403-410.

Sung, G-H., N. L. Hywel-Jones, J-M. Sung, J. J. Luangsa-ard, B. Shrestha & J. W. Spatafora (2007). Phylogenetic classification of *Cordyceps* and the clavicipitaceous fungi. *Studies in Mycology* 57: 1-63.

Šutara, J. (1985). *Leccinum* and the question of superfluous names. *Taxon* 34: 678-686.

Šutara, J. (1989). The delimitation of the genus *Leccinum*. *Česká Mykologie* 43: 1-12.

Šutara, J. & E. Skála (2007). *Boletus marekij*, a new species with truncate spores from the *Boletus chrysenteron* group. *Česká Mykologie* 59: 11-24.

Šutara, J. (2008). *Xerocomus* s. l. in the light of the present state of knowledge. *Česká Mykologie* 60: 29-62.

Svrček, M. (1974). New or less known Discomycetes. I. *Česká Mykologie* 28: 129-137.

Swanson, A. R., F. W. Spiegel & J. C. Cavender (2002). Taxonomy, slime molds, and the questions we ask. *Mycologia* 94: 968-979.

Swenie, R., Baroni, T. J. & P. B. Matheny (2018). Six new species and reports of *Hydnum* (Cantharellales) from eastern North America. *Mycology* 42: 35-72.

Szarkándi, J. G., G. Schmidt-Stohn, B. Dima, S. Hussain, S. Kocsubé, T. Papp, C. Vágvölgyi & L. G. Nagy (2017). The genus *Parasola*: phylogeny and the description of three new species. *Mycologia* 109: 620-629.

Takahashi, H. (2007). Five new species of the Boletaceae from Japan. *Mycoscience* 48: 90-99.

Taskin, J., H. H. Dogan & S. Büyükalaca (2015). *Morchella galilea*, an autumn species from Turkey. *Mycotaxon* 130: 215-221.

Taskin, H., H. H. Dogan, S. Büyükalaga, P. Clowez, P. -A. Moreau & K. O'Donnell (2016). Four new morel (*Morchella*) species in the elata subclade (*M. Sect. Distantes*) from Turkey. *Mycotaxon* 131:

467-482.

Taylor, A. F. S., A. E. Hills, G. Simonini, E. E. Both & U. Eberhardt (2006). Detection of species within the *Xerocomus subtmentosus* complex in Europe using rDNA-ITS sequences. *Mycological Research* 110: 276-287.

Taylor, C. A. & G. A. Schuster (2004). *The crayfishes of Kentucky*. Illinois Natural History Survey special publication no. 28. Champaign: Illinois Natural History Survey. 219 pp.

Taylor, C. A., G.A. Schuster & D. B. Wylie (2015). *Field guide to crayfishes of the Midwest*. Illinois Natural History Survey manual 15. Champaign: Illinois Natural History Survey. 145 pp.

Taylor, J. W., D. J. Jacobson, S. Kroken, T. Kasuga, D. M. Geiser, D. S. Hibbett & M. C. Fisher (2000). Phylogenetic species recognition and species concepts in fungi. *Fungal Genetics and Biology* 31: 21-43.

Taylor, J. W. & M. L. Berbee (2006). Dating divergences in the Fungal Tree of Life: review and new analyses. *Mycologia* 98: 838-849.

Talbot, P. H. B. (1971). *Principles of fungal taxonomy*. New York: St Martin's Press. 274 pp.

Tedersoo, L., K. Hansen, B. A. Perry & R. Kjoller (2006). Molecular and morphological diversity of pezizalean ectomycorrhiza. *New Phytologist* 170: 581-596.

Tedersoo, L., T. Suvi, K. Beaver & I. Saar (2007). Ectomycorrhizas of *Coltricia* and *Coltriciella* (Hymenochaetales, Basidiomycota) on Caesalpiniaceae, Dipterocarpaceae and Myrtaceae in Seychelles. *Mycological Progress* 6: 101-107.

Tedersoo, L., T. W. May & M. E. Smith (2010). Ectomycorrhizal lifestyle in fungi: global diversity, distribution, and evolution of phylogenetic lineages. *Mycorrhiza* 20: 217-263.

Thiers, H. D. (1957). The agaric flora of Texas. I. New species of agarics and boletes. *Mycologia* 49: 707-722.

Thiers, H. D. & A. H. Smith (1966). An undescribed bolete in the *B. rubellus* group. *The Michigan Botanist* 5: 117-118.

Thiers, H. D. (1966). California Boletes. II. *Mycologia* 58: 815-826.

Thiers, H. D. & J. M. Trappe (1969). Studies in the genus *Gastroboletus*. *Brittonia* 21: 244-254.

Thiers, H. D. (1971). California boletes. IV. The genus *Leccinum*. *Mycologia* 63: 261-276.

Thiers, H. D. (1976). Boletes of the southwestern United States. *Mycotaxon* 3: 261-273.

Thiers, H. D. & Sundberg, W. J. (1976). *Armillaria* (Tricholomataceae, Agaricales) in the western United States including a new species from California. *Madrono* 23: 448-453.

Thiers, H. D. (1979). The genus *Suillus* in the western United States. *Mycotaxon* 9: 285-296.

Thiers, H. D. & Ammirati, J. F. (1982). New species of *Amanita* from western North America. *Mycotaxon* 15: 155-166.

- Thiers, H. D. (1982). *The Agaricales of California. 1. Amanitaceae*. Eureka, CA: Mad River Press. 42 pp.
- Thiers, H. D. (1984). The secotoid syndrome. *Mycologia* 76: 1-9.
- Thiers, H. D. (1984). The genus *Arcangeliella* Cav. In the western United States. *Sydowia* 37: 296-308.
- Thiers, H. D. (1985). *The Agaricales of California. 2. Cantharellaceae*. Eureka, CA: Mad River Press. 34 pp.
- Thiers, H. D. (1985). *The Agaricales of California. 3. Gomphidiaceae*. Eureka, CA: Mad River Press. 20 pp.
- Thiers, H. D. (1985). *The Agaricales of California. 4. Paxillaceae*. Eureka, CA: Mad River Press. 9 pp.
- Thiers, H. D. (1997). New species of *Russula* from California. *Mycotaxon* 63: 349-358.
- Thiers, H. D. (1997). *The Agaricales (Gilled Fungi) of California. 9. Russulaceae I. Russula*. Eureka, CA: Mad River Press. 158 pp.
- Thines, M., P. W. Crous, M. C. Aime, T. Aoki, L. Cai, K. D. Hyde, A. N. Miller, N. Zhang & M. Stadler (2018). Ten reasons why a sequence-based nomenclature is not useful for fungi anytime soon. *IMA Fungus* 9: 177-183.
- Thomas, W. S. (1928). *Field book of common mushrooms*. New York: G. P. Putnam's Sons. 369 pp.
- Thormann, M. N. & A. V. Rice (2007). Fungi from peatlands. *Fungal Diversity* 24: 241-299.
- Thorn, R. G. & G. L. Barron (1984). Carnivorous mushrooms. *Science* 224: 76-78.
- Thorn, R. G. (1986). The "*Pleurotus silvanus*" complex. *Mycotaxon* 25: 27-66.
- Thorn, R. G. & Barron, G. L. (1986). *Nematoctonus* and the tribe Resupinateae in Ontario, Canada. *Mycotaxon* 25: 321-453.
- Thorn, R. G., J.-M. Moncalvo, C. A. Reddy & R. Vilgalys (2000). Phylogenetic analyses and the distribution of nematophagy support a monophyletic Pleurotaceae within the polyphyletic pleurotoid-lentinoid fungi. *Mycologia* 92: 241-252.
- Threadgill, P. F., J. M. Baskin & C. C. Baskin (1981). The ecological life cycle of *Frasera caroliniensis*, a long-lived monocarpic perennial. *The American Midland Naturalist* 105: 277-289.
- Tiffany, L. H., G. Knaphus & D. M. Huffman (1998). Distribution and ecology of the morels and false morels of Iowa. *Journal of the Iowa Academy of Science* 105: 1-15.
- Toledo, L. D. de & Petersen, R. H. (1989). A toxic *Ramaria* species from South America. *Mycologia* 81: 662-664.
- Tomšovský, M., M. Kolarík, S. Pažoutová & L. Homolka (2006). Molecular phylogeny of European *Trametes* (Basidiomycetes, Polyporales) species based on LSU and ITS (nrDNA) sequences. *Nova Hedwigia* 82: 269-280.

- Tomšovský, M. & L. Jankovský (2008). Validation and typification of *Laetiporus montanus*. *Mycotaxon* 106: 289-295.
- Tomšovský, M. (2012). Delimitation of an almost forgotten species *Spongipellis litschaueri* (Polyporales, Basidiomycota) and its taxonomic position within the genus. *Mycological Progress* 11: 415-424.
- Torres-Torres, M. G., L. Ryvarden & L. Guzmán-Dávalos (2015). *Ganoderma* subgenus *Ganoderma* in Mexico. *Revista Mexicana de Micología* 41: 27-45.
- Tosco, U. & Fanelli, A. (1973). *Mushrooms & toadstools: How to find and identify them*. London: Orbis Publishing. 64 pp.
- Toth, B. & Nagel, D. (1978). Tumors induced in mice by N-methyl-N-formylhydrazine of the false morel *Gyromitra esculenta*. *Journal of the National Cancer Institute* 60: 201-204.
- Toth, B., K. Patil, H. Pyysalo, C. Stessman & P. Gannett (1992). Cancer induction in mice by feeding the raw false morel mushroom *Gyromitra esculenta*. *Cancer Research* 52: 2279-2284. (Abstract only.)
- Toth, B. & P. Gannett (1994). *Gyromitra esculenta* mushroom: A comparative assessment of its carcinogenic potency. *In Vivo* 8: 999-1002.
- Toth, B. T. (2004). Research interests. Retrieved March 6, 2004 from the University of Nebraska Medical Center Web site: http://www.unmc.edu/Eppley/faculty/f_toth.html
- Trappe, J. M. (1972). Parasitism of *Helvella lacunosa* by *Clitocybe sclerotoidea*. *Mycologia* 64: 1337-1340.
- Trappe, J. M. (1975). The genus *Fischerula* (Tuberales). *Mycologia* 67: 934-941.
- Trappe, J. M. (1975). The genus *Amylascus* (Tuberales). *Transactions of the British Mycological Society* 65: 496-499.
- Trappe, J. M., A. M. Jumpponen & E. Cázares (1996). NATS truffle and truffle-like fungi 5: *Tuber lyonii* (= *T. texense*), with a key to the spiny-spored *Tuber* species groups. *Mycotaxon* 60: 365-373.
- Trappe, J. M. & M. A. Castellano (2000). New sequestrate Ascomycota and Basidiomycota covered by the Northwest Forest Plan. *Mycotaxon* 75: 153-179.
- Trappe, J. M., T. Lebel & M. A. Castellano (2002). Nomenclatural revisions in the sequestrate russuloid genera. *Mycotaxon* 81: 195-214.
- Trappe, M., F. Evans & J. Trappe (2007). *Field Guide to North American Truffles: Hunting, Identifying, and Enjoying the World's Most Prized Fungi*. Berkeley, CA: Ten Speed Press. 136 pp.
- Trappe, M. J. (2004). Habitat and host associations of *Craterellus tubaeformis* in northwestern Oregon. *Mycologia* 96: 498-509.
- Treu, R. (1993). Studies on *Boletus* Section *Luridi*. *Mycotaxon* 47: 367-377.
- Trierveiler-Pereira, L., C. Loguercio-Leite, F. D. Calonge & I. G. Baseia (2009). An emendation of *Phallus glutinolens*. *Mycological Progress* 8: 377-380.

- Trierveiler-Pereira, L., H. Kreisel & I. G. Baseia (2010). New data on puffballs (Agaricomycetes, Basidiomycota) from the northeast region of Brazil. *Mycotaxon* 111: 411-421.
- Trierveiler-Pereira, L. & R. M. B. da Silveira (2012). Notes on *Xylophallus xylogenus* (Phallaceae, Agaricomycetes) based on Brazilian specimens. *Mycotaxon* 120: 309-316.
- Trierveiler-Pereira, L., A. W. Wilson, R. M. B. da Silveira & L. S. Domínguez (2013). Costa Rican gasteromycetes (Basidiomycota, Fungi): Calostomataceae, Phallaceae and Protophallaceae. *Nova Hedwigia* 96: 533-544.
- Trierveiler-Pereira, L. & N. P. Thao (2013). Update on the distribution of *Phallus drewesii* (Phallales, Basidiomycota): new record from Asia. *Mycosphere* 4: 994-997.
- Trierveiler-Pereira, L., R. M. B. da Silva & K. Hosaka (2014). Multigene phylogeny of the *Phallales* (*Phallomycetidae*, *Agaricomycetes*) focusing on some previously unrepresented genera. *Mycologia* 106: 904-911.
- Trierveiler-Pereira, L., C. R. Alves & R. M. B. Silveira (2014). The genus *Blumenavia* (Clathraceae, Phallales). *Mycosphere* 5: 496-501.
- Treweiler-Periera, L., A. A. R. de Meijer, M. A. Reck, K. Hosaka & R. M. B. da Silveria (2017). *Phallus aureolatus* (Phallaceae, Agaricomycetes), a new species from the Brazilian Atlantic forest. *Phytotaxa* 327: 223-236.
- Trudell, S. & J. Ammirati (2009). *Mushrooms of the Pacific Northwest*. Portland: Timber Press. 349 pp.
- Trudell, S. (2012). The genus *Tricholoma* in North America. *Fungi* 5: 23-31.
- Trudell, S., J. Xu, I. Saar, A. Justo & J. Cifuentes (2017). North American matsutake: names clarified and a new species described. *Mycologia* 109: 379-390.
- Truong, C., A. B. Mujic, R. Healy, F. Kuhar, G. Furci, D. Torres, T. Niskanen, P. A. Sandoval-Leiva, N. Fernández, J. M. Escobar, A. Moretto, G. Palfner, D. Pfister, E. Nouhra, R. Swenie, M. Sánchez-García, P. B. Matheny & M. E. Smith (2017). How to know the fungi: combining field inventories and DNA-barcoding to document fungal diversity. *New Phytologist* 214: 913-919.
- Truong, C., S. Sánchez-Ramírez, F. Kuhar, Z. Kaplan & M. E. Smith (2017). The Gondwanan connection--Southern temperate *Amanita* lineages and the description of the first sequestrate species from the Americas. *Fungal Biology* 121: 638-651.
- Tsykun, T., D. Rigling & S. Prospero (2013). A new multilocus approach for a reliable DNA-based identification of *Armillaria* species. *Mycologia* 105: 1059-1076.
- Tulloss, R. E. (1984). Distribution and taxonomic notes on *Amanita mutabilis*. *Mycologia* 76: 555-558.
- Tulloss, R. E. & Jenkins, D. T. (1986). Notes on distribution of *Amanita albocreata*. *Mycotaxon* 26: 81-83.
- Tulloss, R. E. (1988). *Amanita sinicoflava*--a new species from eastern North America. *Mycotaxon* 32: 421-431.
- Tulloss, R. E. & Wright, G. (1989). *Amanita protecta*--a new species from coastal southern California.

Mycotaxon 34: 615-622.

Tulloss, R. E. (1989). *Amanita ristichii*: A new species from New England with basidia dominantly 2-spored. *Mycotaxon* 35: 363-369.

Tulloss, R. E. (1989). *Amanita eburnea*—a new species from Central America. *Mycotaxon* 36: 1-7.

Tulloss, R. E. (1990). *Amanita salmonescens*—a new species from the southeastern United States. *Mycotaxon* 38: 125-132.

Tulloss, R. E. (1990). *Amanita crenulata*—history, taxonomy, distribution, and poisonings. *Mycotaxon* 39: 393-405.

Tulloss, R. E. (1991). *Amanita morrisii*—history, taxonomy, and distribution. *Mycotaxon* 40: 281-286.

Tulloss, R. E. & H. R. Bhandary (1992). *Amanita chepangiana*—a new species from Nepal. *Mycotaxon* 43: 25-31.

Tulloss, R. E. & Lindgren, J. E. (1992). *Amanita smithiana*—taxonomy, distribution, and poisonings. *Mycotaxon* 45: 373-387.

Tulloss, R. E., Ovrebo, C. E. & Halling, R. E. (1992). Studies on *Amanita* (Amanitaceae) from Andean Colombia. *Memoirs of the New York Botanical Garden* 66: 1-46.

Tulloss, R. E. (1993). *Amanita pachysperma*, *Amanita subvirginiana*, and *Amanita virginiana* (taxonomy and distribution) with notes on description of the lamella trama in *Amanita*. *Mycotaxon* 49: 449-475.

Tulloss, R. E. & Lewis, D. P. (1994). *Amanita westii*—taxonomy and distribution. A rare species from the states bordering the Gulf of Mexico. *Mycotaxon* 50: 131-138.

Tulloss, R. E. & Lindgren, J. E. (1994). *Amanita novinupta*—a rubescent, white species from the western United States and southwestern Canada. *Mycotaxon* 51: 179-190.

Tulloss, R. E. (1994). Type studies in *Amanita* section *Vaginatae* I: Some taxa described in this century (studies 1-23) with notes on description of spores and refractive hyphae in *Amanita*. *Mycotaxon* 52: 305-396.

Tulloss, R. E. & Moses, E. (1995). *Amanita populiphila*—a new species from the central United States. *Mycotaxon* 53: 455-466.

Tulloss, R. E. (1995). *Amanita longitibiale*—A new species of *Amanita* section *Phalloideae* from central Mexico and southeastern U.S.A. *Mycotaxon* 54: 195-202.

Tulloss, R. E., S. L. Stephenson, R. P. Bhatt & A. Kumar (1995). Studies on *Amanita* (Amanitaceae) in West Virginia and adjacent areas of the mid-Appalachians. Preliminary results. *Mycotaxon* 56: 243-293.

Tulloss, R. E., A. M. Young & A. E. Wood (1995). *Amanita murinoflammeum*—a new species from dry forests of eastern Australia. *Mycotaxon* 56: 295-302.

Tulloss, R. E. & T. Borgen (1996). *Amanita morteni*—A correction. Emendation was inappropriate. *Mycotaxon* 59: 419-425.

- Tulloss, R. E. & R. E. Halling (1997). Type studies of *Amanita morenoi* and *Amanita pseudospretta* and a reinterpretation of crassospores in *Amanita*. *Mycologia* 89: 278-288.
- Tulloss, R. E. (2000). Nomenclatural changes in *Amanita*. *Mycotaxon* 75: 329-332.
- Tulloss, R. E. (2000). Le Amanita nel mondo: bellezza, pericolo e diversita. *Bolletino del Gruppo Micologico G. Bresadola* 43: 13-21.
- Tulloss, R. E. (2000). Note sulla metodologia per lo studio del genere *Amanita* (Agaricales). *Bolletino del Gruppo Micologico G. Bresadola* 43: 41-59.
- Tulloss, R. E. & M. Traverso (2000). Illustrazioni di una nuova specie di *Amanita* dedicata al dott. Cornelis Bas di Leiden. *Bolletino del Gruppo Micologico G. Bresadola* 43: 151-153.
- Tulloss, R. E. & A. Gminder (2000). *Amanita lactea*: stato attuale delle conoscenze su una specie relativamente isolata della sezione Vaginatae. *Bolletino del Gruppo Micologico G. Bresadola* 43: 279-285.
- Tulloss, R. E. & M. Traverso (2001). *Amanita basiana*--A new species from pure *Pinus* forest and resembling the *Alnus*-associated species *Amanita friabilis*. *Mycotaxon* 77: 47-55.
- Tulloss, R. E., S. H. Iqbal, A. N. Khalid, R. P. Bhatt & V. K. Bhatt (2001). Studies in *Amanita* (Amanitaceae) from southern Aisa. I. Some species of Pakistan's northwest frontier province. *Mycotaxon* 77: 455-490.
- Tulloss, R. E. (2003). Draft keys to species of *Amanita* occurring in the northeastern USA and eastern Canada. Retrieved August 20, 2004 from the *Studies in the Genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/nekey.pdf>
- Tulloss, R. E. (2003). Visual key to the sections of *Amanita*. Retrieved from the *Studies in the genus Amanita* Web site:<http://pluto.njcc.com/~ret/amanita/key.dir/secttree.pdf>
- Tulloss, R. E. (2003). Draft keys to species of *Amanita* occurring in California, Idaho, Oregon, and Washington, U.S.A. and in neighboring regions of Canada and Mexico. Retrieved August 20, 2004 from the *Studies in the Genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/pnwcakey.pdf>
- Tulloss, R. E. (2003). Tabular and nontabular keys to rufescent species of *Amanita* section *Validae*. Retrieved August 20, 2004 from the *Studies in the Genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/valirub.pdf>
- Tulloss, R. E. (2003). Provisional world key to species closely related to *Amanita hemibapha* with notes on the "slender Caesar's mushrooms" of eastern North America. Retrieved August 20, 2004 from the *Studies in the Genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/hemibkey.html>
- Tulloss, R. E. (2003). Provisional key to *Amanita* stirps *Crocea*, stirps *Fulva*, and stirps *Romagnesiana*. Retrieved from the *Studies in the genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/crocekey.pdf>
- Tulloss, R. E. (2004). Species of section *Phalloideae* from North America having membranous,

limbate to saccate volvas. Retrieved August 20, 2004 from the *Studies in the Genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/phallimb.html>

Tulloss, R. E. (2004). List of Amanitaceae in Great Smoky Mountains National Park. Retrieved from the *Studies in the genus Amanita* Web site: http://pluto.njcc.com/~ret/amanita/key.dir/am_gdmnp.html

Tulloss, R. E. & Lindgren, J. E. (2005). *Amanita aprica*—a new toxic species from western North America. *Mycotaxon* 91: 193-205.

Tulloss, R. E. (2008). Notes on *Amanita* section *Caesareae*, *Torrendia*, and *Amarrendia* (*Agaricales*, *Amanitaceae*) with provisional division into stirpes and world key to species of the section. Retrieved May 1, 2008 from the *Studies in the genus Amanita* Web site: <http://pluto.njcc.com/~ret/amanita/key.dir/hemibkey.pdf>

Tulloss, R. E. (2009). *Amanita magniverrucata*—revision of an interesting species of *Amanita* section *Lepidella*. *Mycotaxon* 108: 93-104.

Tulloss, R. E., J. E. Lindgren, D. Arora, B. E. Wolfe & C. Rodriguez-Caycedo (2014). *Amanita pruittii*—a new, apparently saprotrophic species from US Pacific coastal states. *Amanitaceae* 1: 1-9.

Tulloss, R. E., Th. W. Kuyper, E. C. Vellinga, Z. L. Yang, R. E. Halling, J. Geml, S. Sánchez-Ramírez, S. C. Conçalves, J. Hess & A. Pringle (2016). The genus *Amanita* should not be split. *Amanitaceae* 1: 1-16.

Twyman, E. S. (1946). Notes on the die-back of oak caused by *Colpoma quercinum* (Fr.) Wallr. *Transactions of the British Mycological Society* 29: 234-241.

Uhart, M. & E. Albertó (2009). Mating tests in *Agrocybe cylindracea* sensu lato. Recognition of *Agrocybe wrightii* as a novel species. *Mycological Progress* 8: 337-349.

Uitzil-Colli, M. O. & L. Guzmán-Dávalos (2019). El género *Morchella* (Pezizales, Ascomycota) en Jalisco, México. *Scientia Fungorum* 49: e1209.

Ulje, C. B. & C. Bas (1985). *Coprinus hercules*, spec. nov. *Persoonia* 12: 483-486.

Ulje, C. B. & C. Bas (1988). Studies in *Coprinus* - I. Subsections *Auricomi* and *Glabri* of *Coprinus* section *Pseudocoprinus*. *Persoonia* 13: 433-448.

Ulje, C. B. (1988). Four new species of *Coprinus* from the Netherlands. *Persoonia* 13: 479-488.

Ulje, C. B. & C. Bas (1991). Studies in *Coprinus* - II. Subsection *Setulosi* of section *Pseudocoprinus*. *Persoonia* 14: 275-339.

Ulje, C. B. & M. E. Noordeloos (1993). Studies in *Coprinus* III - *Coprinus* section *Velliformes*. Subdivision and revision of subsection *Nivei* emend. *Persoonia* 15: 257-301.

Ulje, C. B. & M. E. Noordeloos (1997). Studies in *Coprinus* IV - *Coprinus* section *Coprinus*. Subdivision and revision of subsection *Alachuanii*. *Persoonia* 16: 265-333.

Ulje, C. B. & H. Bender (1997). Additional studies in *Coprinus* subsection *Glabri*. *Persoonia* 16: 373-381.

Ulje, C. B. & M. E. Noordeloos (1999). Studies in *Coprinus* V - *Coprinus* section *Coprinus*. Revision of

subsection *Lanulati* Sing. *Persoonia* 17: 165-199.

Ulje, C. B., F. Dover & M. E. Noordeloos (2000). Additions to *Coprinus* subsection *Lanulati*. *Persoonia* 17: 465-471.

Ulje, K. (2000). Some rare but easily recognizable inkcaps. In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 533-542.

Ulje, C. B. & M. E. Noordeloos (2003). Notulae ad floram agaricinam Nerlandicam - XLII. Additions to *Coprinus* subsection *Setulosi*. *Persoonia* 18: 259-264.

Ulje, K. (2003). *All about inkcaps* Web site. Retrieved February, 2005 from the World Wide Web: <http://www.homepages.hetnet.nl/~idakees/index.html>

Ulje, C. B. (n.d.) Studies on type collections of *Coprinus* species. Retrieved March 18, 2008 from the *Raketnet* Web server: <http://users.raketnet.nl/keesuljee>

Uzun, Y., A. Kaya & S. Yakar (2019). A new record and new localities for the genus *Sclerogaster* R. Hesse in Turkey. *Süleyman Demirei University Journal of Natural and Applied Sciences* 23: 9-12.

Vadthananarat, S., O. Raspé & S. Lumyong (2018). Phylogenetic affinities of the sequestrate genus *Rhodactina* (Boletaceae), with a new species, *R. rostratispora* from Thailand. *MycKeys* 29: 63-80.

Vadthananarat, 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.

Vadthananarat, S., S. Lumyong & O. Raspé (2019). *Cacaoporus*, a new Boletaceae genus, with two new species from Thailand. *MycKeys* 54: 1-29.

Valenzuela, R., T. Raymundo & J. Cifuentes (2013). El género *Inonotus* s. l. (Hymenochaetales: Agaricomycetes) en México. *Revista Mexicana de Biodiversidad*: S70-S90.

van der Heijden, E. W., F. W. de Vries & Th. W. Kuyper (1999). Mycorrhizal associations of *Salix repens* L. communities in succession of dune ecosystems. I. Above-ground and below-ground views of ectomycorrhizal fungi in relation to soil chemistry. *Canadian Journal of Botany* 77: 1821-1832.

Van Vooren, N., M. Carbone, C. Sammut & A. C. Grupe (2019). Preliminary notes on the genus *Tarzetta* (Pezizales) with typifications of some species and description of six new species. *Ascomycete.Org* 11: 309-334.

Varga, T. et al. (2019). Megaphylogeny resolves global patterns of mushroom evolution. *Nature Ecology & Evolution* 3: 668-678.

Vargas, N., C. J. Pardo-de la Hoz, G. Danies, A. E. Franco-Molano, P. Jiménez, S. Restrepo & A. Grajales (2017). Defining the phylogenetic position of *Amanita* species from Andean Colombia. *Mycologia* 109: 261-276.

Vargas-Rodriguez, Y. L. & J. A. Vazquez-Garcia (2005). *Blumenavia toribiotalpaensis*: a new species of *Clathraceae* from Jalisco, Mexico. *Mycotaxon* 94: 7-14.

Vasilyeva, L. N., S. L. Stephenson & A. N. Miller (2007). Pyrenomycetes of the Great Smoky

Mountains National Park. IV. *Biscogniauxia*, *Camaropella*, *Camarops*, *Camillea*, *Peridoxylon* and *Whalleya*. *Fungal Diversity* 25: 219-231

Vasilyeva, L. N., J. D. Rogers & A. N. Miller (2007). Pyrenomycetes of the Great Smoky Mountains National Park. V. *Annulohypoxylon* and *Hypoxylon* (Xylariaceae). *Fungal Diversity* 27: 231-245.

Vasutova, M., V. Antonin & A. Urban (2008). Phylogenetic studies in *Psathyrella* focusing on sections *Pennatae* and *Spadiceae*--new evidence for the paraphyly of the genus. *Mycological Research* 112: 1153-1164.

Vašutová, M. (2008). Taxonomic studies on *Psathyrella* sect. *Spadiceae*. *Czech Mycology* 60: 137-171.

Vazquez, L. S., L. Guzman-Davalos & G. Guzman (1989). Contribucion al conocimiento de las especies del genero *Volvariella* en Jalisco. *Revista Mexicana de Micologia* 5: 169-179.

Vega, F. E. & M. Blackwell, eds. (2005). *Insect-fungal associations: ecology and evolution*. New York: Oxford UP. 333 pp.

Vellinga, E. C. & J. Schreurs (1985). Notulae ad floram agaricinam neerlandicam - VIII. *Pluteus* Fr. In West-Europe. *Persoonia* 12: 337-373.

Vellinga, E. C. & H. A. Huijser (1997). *Lepiota xanthophylla* and its greenhouse counterpart. *Bollettino del Gruppo Micologico G. Bresadola* 40: 457-464.

Vellinga, E. C. & H. A. Huijser (1998). Studies in *Lepiota*. I. Species with a hymeniform pileus covering. *Belgian Journal of Botany* 131: 191-210.

Vellinga, E. C., A. E. Franco-Molano & C. Bas (1998). Studies in *Lepiota* II. - *Lepiota rubella*. *Sydowia* 50: 272-277.

Vellinga, E. C. (2000). Notes on *Lepiota* and *Leucoagaricus*. Type studies on *Lepiota magnispora*, *Lepiota barsii*, and *Agaricus americanus*. *Mycotaxon* 76: 429-438.

Vellinga, E. C. (2001a). Studies in *Lepiota* III. Some species from California, U.S.A. *Mycotaxon* 80: 285-295.

Vellinga, E. C. (2001b). Studies in *Lepiota* IV. *Lepiota cristata* and *L. castaneidisca*. *Mycotaxon* 80: 297-306.

Vellinga, E. C. (2002). New combinations in *Chlorophyllum*. *Mycotaxon* 83: 415-417.

Vellinga, E. C. & de Kok, R. P. J. (2002). Proposal to conserve the name *Chlorophyllum* Massee against *Endoptychum* Czern. (Agaricaceae). *Taxon* 51: 563-564.

Vellinga, E. C. (2003a). Type studies in Agaricaceae - *Chlorophyllum rachodes* and allies. *Mycotaxon* 85: 259-270.

Vellinga, E. C. (2003b). Phylogeny of *Lepiota* (Agaricaceae)—Evidence from nrITS and nrLSU sequences. *Mycological Progress* 2: 305-322.

Vellinga, E. C. (2003c). *Chlorophyllum* and *Macrolepiota* (Agaricaceae) in Australia. *Australian Systematic Botany* 16: 361-370.

- Vellinga, E. C., R. P. J. de Kok & T. D. Bruns (2003). Phylogeny and taxonomy of *Macrolepiota* (Agaricaceae). *Mycologia* 95: 442-456.
- Vellinga, E. C. & Z. L. Yang (2003). *Volvolepiota* and *Macrolepiota* - *Macrolepiota velosa*, a new species from China. *Mycotaxon* 85: 183-186.
- Vellinga, E. C. (2004). Genera in the family *Agaricaceae*: evidence from nrITS and nrLSU sequences. *Mycological Research* 108: 354-377.
- Vellinga, E. C. (2004b). Ecology and distribution of Lepiotaceous fungi (Agaricaceae). A review. *Nova Hedwigia* 78: 273-299.
- Vellinga, E. C. (2006a). *Chlorophyllum* in Great Britain. *Field Mycology* 7: 136-140.
- Vellinga, E. C. (2006b). Lepiotaceous fungi in California, U. S. A. --2. *Lepiota rhodophylla* sp. nov. *Mycotaxon* 98: 205-211.
- Vellinga, E. C. (2006c). Lepiotaceous fungi in California, U. S. A. --3. Pink and lilac species in *Leucoagaricus* sect. *Piloselli*. *Mycotaxon* 98: 213-224.
- Vellinga, E. C. (2006d). Lepiotaceous fungi in California, U. S. A. --4. Type studies of *Lepiota fumosifolia* and *L. petasiformis*. *Mycotaxon* 98: 225-232.
- Vellinga, E. C. (2006e). *Lepiota spheniscispora*. Published by the author. Retrieved from the *University of California at Berkeley* Web site: <http://nature.berkeley.edu/brunslab/ev/spheniscispora.pdf>
- Vellinga, E. C. (2006f). *Lepiota scaberula*. Published by the author. Retrieved from the *University of California at Berkeley* Web site: http://nature.berkeley.edu/brunslab/ev/lep_scaberula.pdf
- Vellinga, E. C. & R. M. Davis (2006). Lepiotaceous fungi in California, U. S. A. --1. *Lepiota amanitoides* sp. nov. *Mycotaxon* 98: 197-204.
- Vellinga, E. C., B. de la Houssaye, R. -L. Brace & V. Evenson (2006). *Paragyrodon sphaerosporus*: A Mid-western endemic? *Mcllvainea* 16: 19-21.
- Vellinga, E. C. (2007a). Key to the *Cystolepiota* species in western North America. Published by the author. Retrieved from the *University of California at Berkeley* Web site: http://nature.berkeley.edu/brunslab/ev/vellinga_2007_cystolep_key.pdf
- Vellinga, E. C. (2007b). Lepiotaceous fungi in California, U. S. A. --5. *Lepiota oculata* and its look-alikes. *Mycotaxon* 102: 267-280.
- Vellinga, E. C. (2007c). What ever happened to the Shaggy Parasol? *Mcllvainea* 16: 11-17.
- Vellinga, E. C. (2007d). *Lepiota castaneidisca*. Published by the author. Retrieved from the *University of California at Berkeley* Web site: http://nature.berkeley.edu/brunslab/ev/vellinga_2007_castaneidisca_v2.pdf
- Vellinga, E. C. (2007e). *Lepiota decorata*. Published by the author. Retrieved from the *University of California at Berkeley* Web site: http://nature.berkeley.edu/brunslab/ev/vellinga_2007_decorata.pdf

Vellinga, E. C. (2008a). Bibliography of North American '*Lepiota*' species - v. 2.1. Published by the author. Retrieved July 5, 2015 from the Berkeley University website: http://nature.berkeley.edu/brunslab/ev/americanlepiotaliterature_2.1.pdf

Vellinga, E. C. (2008b). *Chlorophyllum*. Published by the author. Retrieved July 5, 2015 from the Berkeley University website: <http://nature.berkeley.edu/brunslab/ev/CHLOROPHYLLUM.pdf>

Vellinga, E. C. & W. J. Sundberg (2008). Lepiotaceous fungi in California, U. S. A. 6. *Lepiota castanescens*. *Mycotaxon* 103: 97-108.

Vellinga, E. C., B. E. Wolfe & A. Pringle (2009). Global patterns of ectomycorrhizal introductions. *New Phytologist* 181: 960-973.

Vellinga, E. C. (2009). Nomenclatural overview of lepiotaceous fungi (Agaricaceae): Version 4.7. Published by the author. Retrieved July 5, 2015 from the Berkeley University website: http://nature.berkeley.edu/brunslab/ev/vellinga_nomenci_v47_feb2009.pdf

Vellinga, E. C. (2010a). *Lepiota* in California: species with a hymeniform pileus covering. *Mycologia* 102: 664-674.

Vellinga, E. C. (2010b). Lepiotaceous fungi in California, U. S. A.: *Leucoagaricus* sect. *Piloselli*. *Mycotaxon* 112: 393-444.

Vellinga, E. C. & S. R. Pennycook (2010). Making a case for the original spelling of an epithet: 'Correction' of the original spelling of *Agaricus rachodes* to *Agaricus rhacodes* (*Basidiomycota*) is unjustified. *Taxon* 59: 623-627.

Vellinga, E. C. & R. B. Balsley (2010). *Leucoagaricus dacrytus*--a new species from New Jersey, U. S. A. *Mycotaxon* 113: 73-80.

Vellinga, E. C., M. Contu & A. Vizzini (2010). *Leucoagaricus decipiens* and *La. erythrophaeus*, a new species pair in sect. *Piloselli*. *Mycologia* 102: 447-454.

Vellinga, E. C., P. Sysouphanthong & K. D. Hyde (2011). The family Agaricaceae: phylogenies and two new white-spored genera. *Mycologia* 103: 494-509.

Vellinga, E. C., E. P. Blanchard, S. Kelly & M. Contu (2012). *Paxillus albidulus*, *P. ammoniavirescens*, and *P. validus* revisited. *Mycotaxon* 119: 351-359.

Vellinga, E. C., T. W. Kuyper, J. Ammirati, D. E. Desjardin, R. E. Halling, A. Justo, T. Laessoe, T. Lebel, J. D. Lodge, P. B. Matheny, A. S. Methven, P. -A. Moreau, G. M. Mueller, M. E. Noordeloos, J. Nuytinck, C. L. Ovrebo & A. Verbeken (2015). Six simple guidelines for introducing new genera of fungi. *IMA Fungus* 6: 65-68.

Verbeken, A., R. Walley, M. E. Noordeloos, J. Vesterhot, J. Heilmann-Clausen & M. Florani (2000). On *Lactarius ruginosus* and *L. romagnesii* s. str. In: Associazione Micologica Bresadola, ed. *Micologia 2000*. Brescia, Italy: Grafica Sette, 569-576.

Verbeken, A. & J. Nuytinck (2010). Not every milkcap is a *Lactarius*. *Scripta Botanica Belgica* 51: 162-168.

Verbeken, A., J. Nuytinck & B. Buyck (2011). New combinations in *Lactifluus*. 1. L. subgenera

Edules, Lactariopsis, and Russulopsis. *Mycotaxon* 118: 447-453.

Vesterholt, J. (2005). *The Genus Hebeloma. (Fungi of Northern Europe, Vol. 3)*. Denmark: The Danish Mycological Society. 146 pp.

Vidal, J. M. (2004). *Arcangeliella borziana* and *A. stephensii*, two gasteroid fungi often mistaken. A taxonomic revision of *Lactarius*-related sequestrate fungi. *Revista Catalana de Micologia* 26: 59-82.

Vidal, J. M., P. Alvarado, M. Loizides, G. Konstantinidis, P. Chachula, P. Mleczko, G. Moreno, A. Vizzini, M. Krakhmalnyi, A. Paz, J. Cabero, V. Kaounas, M. Slavova, B. Moreno-Arroyo & J. Llistosella (2019). A phylogenetic and taxonomic revision of sequestrate *Russulaceae* in Mediterranean and temperate Europe. *Persoonia* 42: 127-185.

Vila, J. & F. Esteve-Raventós (1998). *Dermoloma pseudocuneifolium*, *Entoloma lanicum* y *E. scabropellis* (Basidiomycetes) en el piso alpino del Valle de Núria (Pirineos, Cataluña). *Boletín de la Sociedad Micológica de Madrid* 23: 151-158.

Vilgalys, R. & O. K. Miller, Jr. (1982). Observations on sexuality in *Collybia butyracea* using a simplified crossing technique. *Mycotaxon* 14: 305-308.

Vilgalys, R. & Miller, O. K. Jr. (1983). Biological species in the *Collybia dryophila* group in North America. *Mycologia* 75: 707-722.

Vilgalys, R. & O. K. Miller, Jr. (1987). Morphological studies on the *Collybia dryophila* group in Europe. *Transactions of the British Mycological Society* 88: 461-472.

Vilgalys, R. & O. K. Miller, Jr. (1987). Mating relationships within the *Collybia dryophila* group in Europe. *Transactions of the British Mycological Society* 89: 295-300.

Vilgalys, R. (1991). Speciation and species concepts in the *Collybia dryophila* complex. *Mycologia* 83: 758-773.

Vilgalys, R. & Sun, B. L. (1994). Ancient and recent patterns of geographic speciation in the oyster mushroom *Pleurotus* revealed by phylogenetic analysis of ribosomal DNA sequences. *Proceedings of the National Academy of Sciences* 91: 4599-4603.

Vilgalys, R. & Sun, B. L. (1994). Assessment of species distribution in *Pleurotus* based on trapping of airborne basidiospores. *Mycologia* 86: 270-274.

Vilgalys, R., J. -M. Moncalvo, S. -R. Liou & M. Volovsek (1996). Recent advances in molecular systematics of the genus *Pleurotus*. In Royce, D. J., ed. *Mushroom biology and mushroom products: proceedings of the second international conference*, University Park, PA, June 9-12. 91-101.

Vilgalys, R. (2003). Taxonomic misidentification in public DNA databases. *New Phytologist* 160: 4-5.

Villarruel-Ordaz, J. L. & J. Cifuentes (1998). Primer registro de *Collybia cookei* (Tricholomataceae, Agaricales) en Mexico. *Revista Mexicana de Micologia* 14: 61-63.

Vincenot, L., F. Popa, F. Laso, K. Donges, K. -H. Rexer, G. Kost, Z. L. Yang, K. Nara & M. -A. Selosse (2017). Out of Asia: Biogeography of fungal populations reveals Asian origin of diversification of the *Laccaria amethystina* complex, and two new species of violet *Laccaria*. *Fungal Biology* 121: 939-955.

- Vizzini, A., M. Contu & E. Musumeci (2010). A new species of *Hypholoma* from coastal grasslands of Gallura (Sardinia, Italy). *Sydowia* 62: 317-323.
- Vizzini, A., M. Contu & A. Justo (2011). Additional records of *Volvariella dunensis* (Basidiomycota, Agaricales): morphological and molecular characterization. *Mycotaxon* 117: 37-43.
- Vizzini, A., M. Contu, S. Ghignone & E. Vellinga (2011). A new volvate *Macroleptota* (Agaricomycetes, Agaricales) from Italy, with observations on the *M. Procera* complex. *Mycotaxon* 117: 149-164.
- Vizzini, A., E. Ercole & M. Contu (2012). A contribution to the ITS-LSU phylogeny of the genus *Leucopaxillus* (Tricholomatoid clade, Agaricales), with three new genera and notes on *Porpoloma*. *Mycosphere* 3: 79-90.
- Vizzini, A., B. Picillo, E. Ercole, S. Voyron & M. Contu (2013). Detecting the variability of *Hydnum ovoideisporum* (Agaricomycetes, Cantharellales) on the basis of Italian collections, and *H. magnorufescens* sp. nov. *Mycosphere* 4: 32-44.
- Vizzini, A., C. Angelini & E. Ercole (2014). Le sezioni *Velatae* e *Aporus* di *Agrocybe* sottogenere *Aporus*: rivalutazione del genere *Cyclocybe* Velen. ed una nuova specie. *Bollettino della Associazione Micologica ed Ecologica Romana* 92: 21-38.
- Vizzini, A., G. Consiglio, E. Ercole & L. Setti (2016). *Pseudoporpoloma*, a new genus for *Agaricus pes-caprae* (Agaricales, Tricholomataceae). *Phytotaxa* 243: 271-280.
- Vizzini, A. & E. Ercole (2017). Detecting the phylogenetic position of *Bovista acuminata* (Agaricales, Basidiomycota) by an ITS-LSU combined analysis: the new genus *Bryoperdon* and revisitation of *Lycoperdon* subgen. *Apioperdon*. *Phytotaxa* 299: 077-086.
- Vizzini, A., C. Cingarlini, D. Sartori, G. L. Maraia, L. Setti, S. Poumarat, L. Kudzma & F. Docana (2020). Assessing the taxonomic status of *Amanita citrina* var. *intermedia* (Basidiomycota, Agaricales). *Phytotaxa* 440: 055-068.
- Vlasák, J., J. Vlasák Jr., P. G. Harvey, P. R. Leacock & V. Spirin (2017). *Pyrofomes juniperinus* comb. nova, the North American sibling of *P. demidoffii* (Polyporales, Basidiomycota). *Annales Botanici Fennici* 55: 1-6.
- Voitk, A. (2007). *A Little Illustrated Book of Common Mushrooms of Newfoundland and Labrador*. Rocky Harbour, NL: Gros Morne Co-operating Association. 272 pp.
- Voitk, A., M. W. Beug, K. O'Donnell & M. Burzynski (2016). Two new species of true morels from Newfoundland and Labrador: cosmopolitan *Morchella eohespera* and parochial *M. Laurentiana*. *Mycologia* 108: 31-37.
- Voitk, A., I. Saar, D. J. Lodge, D. Boertmann, S. M. Berch & E. Larsson (2020). New species and reports of *Cuphophyllus* from northern North America compared with related European species. *Mycologia* XXXXXXXX
- Voitk, A., I. Saar, R. Lebeuf & P. Kennedy (2020). The *Pseudoomphalina kalchbrenneri* complex in North America. *Botany* 98: 91-101.

- Voitk, A., I. Saar, R. Lebeuf & P. Kennedy (2020). *Pseudoomphalina* and *Pseudolaccaria* of NL. *Omphalina* 11: 6-15.
- Volk, T. J. & Leonard, T. J. (1989). Experimental studies on the morel. I. Heterokaryon formation between monoasporous strains of *Morchella*. *Mycologia* 81: 523-531.
- Volk, T. J. & Leonard, T. J. (1990). Cytology of the life-cycle of *Morchella*. *Mycological Research* 94: 399-406.
- Volk, T. J. & Burdsall, H. H. (1995). A nomenclatural study of *Armillaria* and *Armillariella* species (Basidiomycotina, Tricholomataceae). *Synopsis Fungorum* 8: 1-121.
- Volk, T. J., H. H. Burdsall & M. T. Banik (1996). *Armillaria nabsnona*, a new species from western North America. *Mycologia* 88: 484-491.
- Volk, T. J. & Burdsall, H. H. (n.d.) The state of taxonomy of the genus *Armillaria*. Retrieved March 26, 2007 from the *Tom Volk's Fungi* Web site: http://botit.botany.wisc.edu/toms_fungi/arm.html
- Volk, T. J. (n.d.) Key to North American *Armillaria* species. Retrieved January 29, 2008 from the *Tom Volk's Fungi* Web site: http://botit.botany.wisc.edu/toms_fungi/armkey.html
- Voss, E. G. (1972). *Michigan Flora: A Guide to the Identification and Occurrence of the Native and Naturalized Seed-Plants of the State. Part 1: Gymnosperms and Monocots*. Bloomfield Hills, MI: Cranbrook Institute of Science and University of Michigan Herbarium. 487 pp.
- Voss, E. G. & A. A. Reznicek (2012). *Field manual of Michigan flora*. USA: University of Michigan Press. 990 pp.
- Voto, P., F. Dovana & M. Garbelotto (2019). A revision of the genus *Psathyrella*, with a focus on section *Spadiceogriseae*. *Fungal Systematics and Evolution* 4: 97-170.
- Wagner, T. & Fischer, M. (2002). Proceedings towards a natural classification of the worldwide taxa *Phellinus* s. l. and *Ionotus* s. l., and phylogenetic relationships of allied genera. *Mycologia* 94: 998-1016.
- Wald, P., S. Pitkanen & L. Boddy (2004). Interspecific interactions between the rare tooth fungi *Creolophus cirrhatus*, *Hericium erinaceus* and *H. coralloides* and other wood decay species in agar and wood. *Mycological Research* 108: 1447-1457.
- Walker, L. M. & S. L. Stephenson (2016). The species problem in Myxomycetes revisited. *Protist* 167: 319-338.
- Wang, D. -M., S. -H. Wu & Y. -J Yao (2014). Clarification of the concept of *Ganoderma orbiforme* with high morphological plasticity. *PLoS ONE* 9(5): e98733.
- Wang, X. -C., R. -J. Xi, D. -M. Wang & Y. -J. Yao (2012). The species identity of the widely cultivated *Ganoderma*, *G. lucidum* (Ling-zhi), in China. *PLoS ONE* 7: e40857.
- Wang, X. -C. & W. -Y. Zhuang (2019). A three-locus phylogeny of *Gyromitra* (Discinaceae, Pezizales) and discovery of two cryptic species. *Mycologia* 111: 69-77.
- 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. *PLoS ONE* 13: e0205840.

Wang, Z., M. Biner & D. S. Hibbett (2002). A new species of *Cudonia* based on morphological and molecular data. *Mycologia* 94: 641-650.

Wang, Z., M. Binder, Y. C. Dai & D. S. Hibbett (2004). Phylogenetic relationships of *Sparassis* inferred from nuclear mitochondrial ribosomal DNA and RNA polymerase sequences. *Mycologia* 96: 1015-1029.

Wang, Z., P. R. Johnston, S. Takamatsu, J. W. Spatafora & D. S. Hibbett (2006). Toward a phylogenetic classification of the Leotiomycetes based on rDNA data. *Mycologia* 98: 1065-1075.

Wartchow, F. (2009). *Volvariella cubensis*: a rare neotropical agaric new to South America. *Mycotaxon* 107: 181-187.

Watling, R. & M. Jurand (1971). Two new coprophilous species of *Psathyrella*. *Notes from the Royal Botanic Garden* 31: 143-153.

Watling, R. (1979). Studies in the genera *Lacrymaria* and *Panaeolus*. *Notes from the Royal Botanical Garden of Edinburgh* 37: 369-379.

Watling, R. (1982). *British Fungus Flora, Agarics and Boleti, 3: Bolbitiaceae: Agrocybe, Bolbitius & Conocybe*. Edinburgh: Her Majesty's Stationery Office. 139 pp.

Watling, R. & H. E. Bigelow (1983). Observations on the Bolbitiaceae - 22. *Mycotaxon* 17: 377-397.

Watling, R. & Miller, O. K. Jr. (1987). Observations on the Bolbitiaceae – 30 *Agaricus callistus* Peck. *Mycologia* 79: 310-313.

Watling, R. & N. M. Gregory (1987). *British Fungus Flora, Agarics and Boleti 5: Strophariaceae & Coprinaceae pp*. Edinburgh: Royal Botanic Garden. 121 pp.

Watling, R. & N. M. Gregory (1993). *British Fungus Flora, Agarics and Boleti 7: Cortinariaceae*. Edinburgh: Royal Botanic Garden.

Watling, R. & J. Milne (2008). The identity of European and North American *Boletopsis* spp. (Basidiomycota; Thelephorales, Boletopsidaceae). *North American Fungi* 3: 5-15.

Watling, R. & M. C. Aime (2013). The genus *Neopaxillus* (Crepidotaceae). *Mycotaxon* 126: 83-90.

Weber, N. S. (1972). The genus *Helvella* in Michigan. *The Michigan botanist* 11: 147-201.

Weber, N. S. (1975). Notes on western species of *Helvella*. I. *Beihefte Nova Hedwigia* 51: 25-38.

Weber, N. S. (1995). *A morel hunter's companion: A guide to true and false morels*. Lansing, MI: Thunder Bay Press. 209 pp.

Weber, N. S. (1995). Western American Pezizales. *Selenaspora guernisacii*, new to North America. *Mycologia* 87: 90-95.

Weber, N. S. & Smith, A. H. (1985). *A field guide to southern mushrooms*. Ann Arbor: U Michigan P. 280 pp.

- Weber, N. S., J. M. Trappe & W. C. Denison (1997). Studies on western American Pezizales. Collecting and describing ascomata--macroscopic features. *Mycotaxon* 61: 153-176.
- Weber, R. & Webster, J. (1996). *Volvariella surrecta*: An uncommon mycoparasite. *Mycologist* 10: 160.
- Webster, J., R. A. Davey & J. C. R. Turner (1989). Vapor as the source of water in Buller's drop. *Mycological Research* 99: 297-302.
- Wedin, M., J. C. Zamora & A. M. Millanes (2016). *Phaeotremella foliacea* comb. nov. (Tremellales, Tremellomycetes, Agaricomycotina). *Mycosphere* 7: 295-296.
- Weir, J. R. (1917). *Sparassis radicata*, an undescribed fungus on the roots of conifers. *Phytopathology* 7: 166-177.
- Weiss, M., Yang, Z-L. & Oberwinkler, F. (1998). Molecular phylogenetic studies in the genus *Amanita*. *Canadian Journal of Botany* 76: 1170- 1179.
- Welden, A. J. (1971). An essay on *Stereum*. *Mycologia* 63: 790-799.
- Wells, K. (1958). Studies of some Tremellaceae. II. The genus *Ductifera*. *Mycologia* 50: 407-416.
- Wells, M. H. & D. H. Mitchel (1966). *Mushrooms of Colorado and Adjacent Areas*. Denver: Denver Museum of Natural History. 79 pp.
- Wells, K. (1994). Jelly fungi, then and now! *Mycologia* 86: 18-48.
- Wells, V. L. & P. E. Kempton (1967). Studies on the fleshy fungi of Alaska. I. *Lloydia* 30: 258-268.
- Wells, V. L. & P. E. Kempton (1968). Studies on the fleshy fungi of Alaska. II. *Mycologia* 60: 888-901.
- Wells, V. L. & P. E. Kempton (1969). Studies on the fleshy fungi of Alaska. III. *Lloydia* 32: 369-387.
- Wells, V. L. & Kempton, P. E. (1971). Studies on the fleshy fungi of Alaska. V. The genus *Strobilurus* with notes on extralimital species. *Mycologia* 63: 370-379.
- Wells, V. L. & P. E. Kempton (1975). New and interesting fungi from Alaska. *Nova Hedwigia* 51: 347-358.
- Welti, S., P. -A. Moreau, A. Favel, R. Courtecuisse, M. Haon, D. Navarro, S. Taussac & L. Lesage-Meessen (2012). Molecular phylogeny of *Trametes* and related genera, and description of a new genus *Leiotrametes*. *Fungal Diversity* 55: 47-64.
- Wendt, L., E. B. Sir, E. Kuhnert, S. Heitkämper, C. Lambert, A. L. Hladki, A. L. Romero, J. J. Luangsa-ard, O. Srikitkulchai, D. Peršoh & M. Stadler (2017). Resurrection and emendation of the Hypoxylaceae, recognised from a multigene phylogeny of the Xylariales. *Mycological Progress* 17: 115-154.
- Whalley, A. J. S. & R. Watling (1980). *Daldinia concentrica* versus *Daldinia vernicosa*. *Transactions of the British Mycological Society* 74: 399-406.

- Whitaker, J. O. Jr. (1996). *National Audubon Society field guide to North American mammals*. New York: Alfred A. Knopf. 937 pp.
- White, V. S. (1901). The Tylostomaceae of North America. *Bulletin of the Torrey Botanical Club* 28: 421-444.
- Wicklow, D. T. & Hirschfield, B. J. (1979). Competitive hierarchy in postfire ascomycetes. *Mycologia* 71: 47-54.
- Wilkinson, R. E. & H. E. Jaques (1972). *How to know the weeds*. Second edition. Dubuque, IA: Wm. C. Brown. 232 pp.
- Wilson, A. W. & D. E. Desjardin (2005). Phylogenetic relationships in the gymnopoid and marasmioid fungi (Basidiomycetes, euagarics clade). *Mycologia* 97: 667-679.
- Wilson, A. W. & D. S. Hibbett (2006). Molecular evolution and ecology of *Calostoma* (Sclerodermatinae, Boletales). Conference paper published by the authors.
- Wilson, A. W., E. A. Hobbie & D. S. Hibbett (2007). The ectomycorrhizal status of *Calostoma cinnabarinum* determined using isotopic, molecular, and morphological methods. *Canadian Journal of Botany* 85: 385-393.
- Wilson, A. W., M. C. Aime, J. Dierks, G. M. Mueller & T. W. Henkel (2012). Cantharellaceae of Guyana I: new species, combinations, and distribution records of *Craterellus* and a synopsis of known taxa. *Mycologia* 104: 1466-1477.
- Wilson, A. E., M. Binder & D. S. Hibbett (2012). Diversity and evolution of mycorrhizal host associations in the Sclerodermatineae (Boletales, Basidiomycota). *New Phytologist* 194: 1079-1095.
- Wilson, A. W., K. Hosaka & G. L. Mueller (2016). Evolution of ectomycorrhizas as a driver of diversification and biogeographic patterns in the model mycorrhizal mushroom genus *Laccaria*. *New Phytologist* 213: 1862-1873.
- Winder, R. S. (2006). Cultural studies of *Morchella elata*. *Mycological Research* 110: 612-623.
- Winder, R. S. & M. E. Keefer (2008). Ecology of the 2004 morel harvest in the Rocky Mountain Forest District of British Columbia. *Botany* 86: 1152-1167.
- Winka, K. (2000). Phylogenetic relationships within the Ascomycota based on 18S rDNA sequences. Ph.D. thesis, Umea University, Sweden. 25 pp.
- Wipf, D., J. C. Munch, B. Botton & F. Buscot (1996). DNA polymorphism in morels: Complete sequences of the internal transcribed spacer of genes coding for rRNA in *Morchella esculenta* (yellow morel) and *Morchella conica* (black morel). *Applied and Environmental Microbiology* 62: 3541-3543.
- Wipf, D., S. Koschinsky, P. Clowez, J. C. Munch, B. Botton & F. Buscot (1997). Recent advances in ecology and systematics of morels. *Cryptogamie, Mycologie* 18: 95-109.
- Wipf, D., A. Fribourg, J. C. Munch, B. Botton & F. Buscot (1999). Diversity of the internal transcribed spacer of rDNA in morels. *Canadian Journal of Microbiology* 45: 769-778.
- Woehrel, M. L. & W. H. Light (2017). *Mushrooms of the Georgia piedmont and southern*

- Appalachians: a reference*. Athens, GA: University of Georgia Press. 647 pp.
- Wolfe, B. E., M. Kuo & A. Pringle (2012). *Amanita thiersii* is a saprotrophic fungus expanding its range in the United States. *Mycologia* 104: 22-33.
- Wolfe, C. B. (1979). *Austroboletus and Tylopilus subgenus Porphyrellus with emphasis on North American taxa*. Germany: J. Cramer. 148 pp.
- Wolfe, C. B. (1981). Type studies in *Tylopilus*. I. Taxa described by Charles H. Peck. *Sydowia* 34: 199-213.
- Wolfe, C. B. (1983). Taxonomic and nomenclatural notes on boletes. *Mycotaxon* 17: 398-404.
- Wolfe, C. B. (1983). Type studies in *Tylopilus*. II. Taxa described by William A. Murrill. *Mycologia* 75: 699-706.
- Wolfe, C. B. (1986). Type studies in *Tylopilus*. III. Taxa described by Walter H. Snell, Esther A. Dick, and co-workers. *Mycologia* 78: 22-31.
- Wolfe, C. B. & R. E. Halling (1989). *Tylopilus griseocarneus*, a new species from the North American Atlantic and Gulf Coastal plain. *Mycologia* 81: 342-346.
- Wolfe, C. B. (1990). Type studies in *Tylopilus*. IV. Taxa described by Rolf Singer. 1. *Mycotaxon* 38: 187-200.
- Wolfe, C. B. (1991). Type studies in *Tylopilus* (Boletaceae). V. Taxa described by Alexander H. Smith, Harry D. Thiers, and Samuel J. Mazzer. *Canadian Journal of Botany* 69: 1833-1838.
- Wolfe, C. B. & N. L. Bougher (1993). Systematics, mycogeography, and evolutionary history of *Tylopilus* subg. *Roseoscabra* in Australia elucidated by comparison with Asian and American species. *Australian Systematic Botany* 6: 187-213.
- Wolfel, G. & M. E. Noordeloos (1997). *Entoloma triste* und nahe verwandte Arten. *Ost. Zeitschr. F. Pilzk.* 6: 23-33.
- Wolfel, G. & M. E. Noordeloos (2001). Neue oder bemerkenswerte *Entoloma*-Arten der Kanarischen Inseln. *Ost. Zeitschr. F. Pilzk.* 10: 185-200.
- Wong, G. J., K. Wells & R. J. Bandoni (1985). Interfertility and comparative morphological studies of *Tremella mesenterica*. *Mycologia* 77: 36-49.
- Wong, J. G. (1993). Mating and fruiting studies of *Auricularia delicata* and *A. fuscosuccinea*. *Mycologia* 85: 187-194.
- Woo, J. Y. & A. D. Partridge (1969). The life history and cytology of *Rhytisma punctatum* on bigleaf maple. *Mycologia* 61: 1085-1095.
- Wood, A. E. (1957). What, if anything, is a rabbit? *Evolution* 11: 417-425.
- Wood, A. E. (2001). Studies in the genus *Galerina* (Agaricales) in Australia. *Australian Systematic Botany* 14: 615-676.
- Wood, W. F., M. L. Brandes, R. L. Watson, R. L. Jones & D. L. Largent (1994). *trans*-2-Nonenal, the

cucumber odor of mushrooms. *Mycologia* 86: 561-563.

Wood, W. F., J. Smith, K. Wayman & D. L. Largent (2003) Indole and 3-chloroindole: The source of the disagreeable odor of *Hygrophorus paupertinus*. *Mycologia* 95: 807-808.

Wood, W. F., T. J. Clark, D. E. Bradshaw, B. D. Foy, D. L. Largent & B. L. Thompson (2004). Clitolactone: a banana slug antifeedant from *Clitocybe flaccida*. *Mycologia* 96: 23-25.

Wood, W. F., J. A. Brandes, B. D. Foy, C. G. Morgan, T. D. Mann & D. A. DeShazer (2012). The maple syrup odour of the "candy cap" mushroom, *Lactarius fragilis* var. *rubidus*. *Biochemical Systematics and Ecology* 43: 51-53.

Worrall, J. J., S. E. Anagnost & R. A. Zabel (1997). Comparison of wood decay among diverse lignicolous fungi. *Mycologia* 89: 199-219.

Wright, J. (2007). *The River Cottage Mushroom Handbook*. London: Bloomsbury Publishing. 256 pp.

Wright, J. E. (1990). *Calvatia pachyderma* (Peck) Morgan is *Gastropila fragilis* (Lev.) Homrich & Wright. *Mycotaxon* 37: 187-189.

Wu, B., A. Knudson, A. Carlson, N. Chen, S. Kovaka, K. LaButti, A. Lipzen, C. Pennachio, R. Riley, W. Schakwitz, K. Umezawa, R. A. Ohm, I. V. Grigoriev, L. G. Nagy, J. Gibbons & D. Hibbett (2018). Genomics and development of *Lentinus tigrinus*: A white-rot wood-decaying mushroom with dimorphic fruiting bodies. *Genome Biology and Evolution* 10: 3250-3261.

Wu, F., Y. Yuan, S. -H. He, A. R. Bandara, K. D. Hyde, V. F. Malysheva, D. -W. Li & Y. -C. Dai (2015). Global diversity and taxonomy of the *Auricularia auricula-judae* complex (*Auriculariales*, Basidiomycota). *Mycological Progress* 14: 95.

Wu, F., S. -J. Dai, J. Vlasák, V. Spirin & Y. -C. Dai (2019). Phylogeny and global diversity of *Porodaedalea*, a genus of angiosperm pathogens in the Hymenochaetales. *Mycologia* 111: 40-53.

Wu, G., B. Feng, J. Xu, X.-T. Zhu, Y.-C. Li, N.-K. Zeng, Md. I. Hosen & Z. L. Yang (2014). Molecular phylogenetic analyses redefine seven major clades and reveal 22 new generic clades in the fungal family *Boletaceae*. *Fungal Diversity* 69: 93-115.

Wu, G., K. Zhao, Y.-C. Li, N.-K. Zeng, B. Feng, R. E. Halling & Z. L. Yang (2015). Four new genera of the fungal family *Boletaceae*. *Fungal Diversity* 81: 1-24.

Wu, G., Y. -C. Li, X. -T. Zhu, K. Zhao, L. -H. Han, Y. -Y. Cui, F. Li, J. -P. Xu & Z. L. Yang (2016). One hundred noteworthy boletes from China. *Fungal Diversity* 81: 25-188.

Wu, G., K. Wu, L. -L. Qi, O. V. Morozova, A. V. Alexandrova, I. A. Gorbunova, Y. Li, J. -W. Liu & Z. L. Yang (2020). *Psiloboletinus* is an independent genus sister to *Suillus*. *Mycologia* 112: 185-196.

Wu, S. H., D. S. Hibbett & M. Binder (2001). Phylogenetic analyses of *Aleurodiscus* s.l. and allied genera. *Mycologia* 93: 720-731.

Wurz, T. L., A. L. Wiita, N. S. Weber & D. Pilz (2005). Harvesting morels after wildfire in Alaska. USDA: Research Note PNW-RN-546.

Xing, X., X. Ma, M. M. Hart, A. Wang & S. Guo (2013). Genetic diversity and evolution of Chinese

traditional medicinal fungus *Polyporus umbellatus* (Polyporales, Basidiomycota). *PLOS ONE* 8 (3): e58807.

Yahr, R., C. L. Schoch & B. T. Dentinger (2016). Scaling up discovery of hidden diversity in fungi: impacts of barcoding approaches. *Philosophical Transactions of the Royal Society B Biological Sciences* 371: 20150336.

Yang, Z. L. & B. Feng (2013). What is the Chinese "lingzhi"?--a taxonomic mini-review. *Mycology* 4: 1-4.

Yao, Y. -J. & B. M. Spooner (1996). Notes on British species of *Scutellinia*. *Mycological Research* 100: 859-865.

Yao, Y. -J. & B. M. Spooner (1996). Notes on *Sphaerosporella* (Pezizales), with reference to British records. *Kew Bulletin* 51: 385-391.

Yao, Y. -J. & Spooner, B. M. (2002). Notes on British species of *Tazzetta* (Pezizales). *Mycological Research* 106: 1243-1246.

Yao, Y. -J. & Spooner, B. M. (2006). Species of *Sowerbyella* in the British Isles, with validation of *Pseudombrophila* sect. *Nannfeldtiella* (Pezizales). *Fungal Diversity* 22: 267-279,

Yoon, C. -S., R. V. Gessner & M. A. Romano (1990). Population genetics and systematics of the *Morchella esculenta* complex. *Mycologia* 82: 227-235.

Yuri, R. (2016). Gasteromycetes of the genus *Lycoperdon* in Russia. *Mikologiya I Fitopatologiya* 50: 302-312.

Zamora, J. C., F. D. Calonge, K. Hosaka & M. P. Martín (2014). Systematics of the genus *Geastrum* (Fungi: Basidiomycota) revisited. *Taxon* 63: 477-497.

Zamora, J. C., F. D. Calonge & M. P. Martín (2015). Integrative taxonomy reveals an unexpected diversity in *Geastrum* section *Geastrum* (Geastrales, Basidiomycota). *Persoonia* 34: 130-165.

Zamora, J. C. et al. (2018). Considerations and consequences of allowing DNA sequence data as types of fungal taxa. *IMA Fungus* 9: 167-175.

Zamora-Martinez, M. C. & de Pascual-Pola, C. N. (2004). Studies of *Tricholoma magnivelare* in Mexico. *Micologia Aplicada International* 16: 13-23.

Zang, M., D.-R. Zheng & Z.-X. Hu (1988). A new species of the genus *Dictyophora* from China. *Mycotaxon* 33: 145-148.

Zaya, D. N., I. S. Pearse & G. Spyreas (2017). Long-term trends in Midwestern milkweed abundances and their relevance to monarch butterfly declines. *Bioscience* 67: 343-356.

Zeller, S. M. (1922). Contributions to our knowledge of Oregon fungi: I. *Mycologia* 14: 173-199.

Zeller, S. M. (1934). A new species of *Lepiota*. *Mycologia* 26: 210-211.

Zeller, S. M. (1944). A white variety of *Mutinus caninus*. *Mycologia* 36: 263-265.

Zeller, S. M. (1947). More notes on gasteromycetes. *Mycologia* 39: 282-312.

- Zeller, S. M. (1948). Notes on certain Gasteromycetes, including two new orders. *Mycologia* 15: 639-668.
- Zeller, S. M. & Smith, A. H. (1964). The genus *Calvatia* in North America. *Lloydia* 27: 148-186.
- Zeng, N. -K., Q. Cai & Z. L. Yang (2012). *Corneroboletus*, a new genus to accommodate the southeastern Asian *Boletus indecorus*. *Mycologia* 104: 1420-1432.
- Zeng, N. -K., L. -P. tang, Y. -C. Li, B. Tolgor, X. -T. Zhu, Q. Zhao & Z. L. Yang (2013). The genus *Phylloporus* (*Boletaceae*, *Boletales*) from China: morphological and multilocus DNA sequence analyses. *Fungal Diversity* 58: 73-101.
- Zeng, N. -K., Z. -Q. Liang, G. Wu, Y. -C. Li & Z. L. Yang (2016). The genus *Retiboletus* in China. *Mycologia* 108: 363-380.
- Zervakis, G. & Balis, C. (1996). A pluralistic approach in the study of *Pleurotus* species with emphasis on compatibility and physiology of the European morphotaxa. *Mycological Research* 100: 717-731.
- Zervakis, G. I., J. -M. Moncalvo & R. Vilgalys (2004). Molecular phylogeny, biogeography and speciation of the mushroom species *Pleurotus cystidiosus* and allied taxa. *Microbiology* 150: 715-726.
- Zervakis, G. I. (2004). Molecular systematics, phylogeny, and evolution in Homobasidiomycota: The oyster-mushroom genus *Pleurotus*. In Sharma, A. K. & A. Sharma, eds. *Plant genome biodiversity and evolution. Volume 2, Part A. Lower Groups*. Enfield, NH: Science Publishers, Inc., 99-128.
- Zhang, M., T. -H. Li, M. Gelardi, B. Song & X. J. Zhong (2017). A new species and a new combination of *Caloboletus* from China. *Phytotaxa* 309: 118-126.
- Zhang, M., T. -H. Li, C. -Q. Wang, N. -K. Zeng & W. -Q. Deng (2019). Phylogenetic overview of *Aureoboletus* (*Boletaceae*, *Boletales*), with descriptions of six new species from China. *MycKeys* 61: 111-145.
- Zhang, N., L. A. Castlebury, A. N. Miller, S. M. Huhndorf, C. L. Schoch, K. A. Seifert, A. Y. Rossman, J. D. Rogers, J. Kohlmeyer, B. V. Kohlmeyer, G. H. Sung (2006). An overview of the systematics of the Sodiariomycetes based on a four-gene phylogeny. *Mycologia* 98: 1076-1087.
- Zhao, K., G. Wu & Z. L. Yang (2014). A new genus, *Rubroboletus*, to accommodate *Boletus sinicus* and its allies. *Phytotaxa* 188: 61-77.
- Zhao, K., G. Wu, B. Feng & Z. L. Yang (2014). Molecular phylogeny of *Caloboletus* (*Boletaceae*) and a new species in East Asia. *Mycological Progress* 13: 1127-1136.
- Zhao, K., G. Wu, R. E. Halling & Z. L. Yang (2015). Three new combinations of *Butyriboletus* (*Boletaceae*) *Phytotaxa* 234: 51-62.
- Zhao, R. -L., R. Jeewon, D. E. Desjardin, K. Soyong & K. D. Hyde (2007). Ribosomal DNA phylogenies of *Cyathus*: Is the current infrageneric classification appropriate? *Mycologia* 99: 385-395.
- Zheng, H. D. & P. G. Liu (2008). Additions to our knowledge of the genus *Albatrellus* (*Basidiomycota*) in China. *Fungal Diversity* 32: 157-170.

Zhou, L.-W., Y. Cao, S.-H. Wu, J. Vlasák, D.-W. Li, M.-J. Li & Y.-C. Dai (2014). Global diversity of the *Ganoderma lucidum* complex (Ganodermataceae, Polyporales) inferred from morphology and multilocus phylogeny. *Phytochemistry* 114: 7-15.

Zhu, X. -T., Y. -C. Li, G. Wu, B. Feng, K. Zhao, M. Gelardi, G. W. Kost & Z. L. Yang (2014). The genus *Imleria* (Boletaceae) in East Asia. *Phytotaxa* 191: 081-098.

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.

Zhuang, W. -Y. (1988). Studies on some Discomycete genera with an ionomidotic reaction: *Ionomidotis*, *Poloniodiscus*, *Cordierites*, *Phyllomyces*, and *Ameghiniella*. *Mycotaxon* 31: 261-298.

Zugmaier, W., R. Bauer & F. Oberwinkler (1994). Mycoparasitism of some *Tremella* species. *Mycologia* 86: 49-56.