

DEBORAH JEAN LODGE

Departments of Plant Pathology & Odum School of Ecology, University of Georgia, Athens

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Professional preparation:

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| Kent State University | Botany | B.S. 1975 |
| North Carolina State University | Plant Pathology | M.S. 1979 |
| North Carolina State University | Botany/Ecology | Ph.D. 1985 |

Appointments:

Adjunct Faculty, University of Georgia, Athens, GA., Departments of Plant Pathology and Odum School of Ecology. September 2018 to present.

Curator of Georgia Museum of Natural History Fungal Collections, Julian H. Miller Mycological Herbarium (GAM), August 2022 to present.

Acting Curator of Georgia Museum of Natural History Fungal Collections, Julian H. Miller Mycological Herbarium (GAM) 2019 to August 2022.

Supergrade US Government Research Scientist appointment, USDA-Forest Service, August 2018.

Botanist, Center for Forest Mycology Research, USDA-Forest Service, Forest Products Laboratory, then Northern Research Station, stationed in Puerto Rico. 1992- August 2018.

Adjunct Professor, University of Puerto Rio-Rio Piedras, 1998 – present.

Research Scientist, Terrestrial Ecology, Center for Energy & Environment Research, University of Puerto Rico, Research Scientist II (1988 – Feb.1992); Research Scientist I (1985 – 1988); Senior Associate (Oct. 1983 – 1988).

Honors:

Distinguished Mycologist Award, 19 July 2017, Mycological Society of America, in recognition of an outstanding mycological career, and exceptional service.

Dr. Arturo L. Carrión Memorial Lecture Award, 27 May 2016, Puerto Rican Society of Microbiologists.

Super-grade Scientist advancement recommendation (highest level for Research Scientists) in the US Department of Agriculture, February 2016.

Certificate of Merit, from Forest Service, International Institute of Tropical Forestry, for being the most productive Forest Service collaborator publishing with IITF from 1980 to June 2014.

Distinguished Mycologist Award, Puerto Rican Mycological Society, 5 May 2007.

Certificate of Merit, from Forest Service, International Institute of Tropical Forestry, for contributions to the establishment of The Fungi of Puerto Rico website, 5 February 2007.

Chief's Award, for outstanding contributions to the biodiversity and mycological research in the tropics. 12 June 2003.

USDA Secretary's Plow Honor Award, 8 July 2002, for maintaining and enhancing the nation's natural resources and environment.

Fellow of the American Association for the Advancement of Sciences, 2001.

Fellow of the Mycological Society of America, 27 August 2001, a mid-career award based on the quality, originality and quantity of published research, and on the basis of service to MSA or to the field of mycology in general.

Award from the Puerto Rican Mycological Society, for contributions to the study of mycology in Puerto Rico, presented at the Second Symposium and Second Annual Reunion, Univ. of Puerto Rico, Mayaguez, PR, 8 April 2000.

Certificate of Merit, from the Forest Products Laboratory, for performance substantially exceeding the normal requirements of the job, December 1996.

Certificate of Appreciation from the Caribbean National Forest's El Portal Tropical Forest Center, for contributions of photos, text and reviews for displays at the El Portal Visitor Center, 14 May 1996.

USDA Certificate of Merit (1995) for exceptional performance in fungal biosystematics research.

Graduated Magna Cum Laude, with General Honors and Special Distinction in Biology with a BS degree at Kent State University, Kent Ohio in May 1975.

Accepted and Submitted Manuscripts

Simon Cardoso, J., Moncalvo, J.-M., **Lodge, D.J.**, Margaritescu, S., Neves, M.A., Oliveira, J.J.S. Studies in *Hygrocybe* s.l. (Hygrocyboideae, Hygrophoraceae) in Brazil: New species of *Humidicutis* and *Neohygrocybe*. Phytotaxa. Revised 20 Aug. 2022; 2nd revision March 2023.

Published and In Press Journal Articles & Book Chapters

2023

Lodge, D.J., Cantrell, S.A. The roles of macrofungi in humid tropical forests and effects of disturbance. In Ecology of Macrofungi, Deshmukh, S.K., Sridhar, K.R., eds., CRC Press. Submitted 15 July 2022. *In Press* January 2023.

2022

Bibbo, S., **Lodge, D.J.** Effect of prior colonization of leaf litter by unit-restricted microfungi and leaching on subsequent colonization by leaf-decomposing non-unit-restricted basidiomycetes. *J. of Fungi*. Submitted 29 July 2022. <https://doi.org/10.3390/jof8090903>

Lodge, D.J., Van Beusekom, A.E, González, G., Sánchez-Julia, M., Stankavich, S. 2022. Disturbance reduces fungal white-rot litter mat cover in a wet subtropical forest. *Ecosphere* 13: <http://doi.org/10.1002/ecs2.3936>

Moreno, I.I., Barberena-Arias, M.F., González, G., **Lodge, D.J.**, Cantrell, S.A. 2022. Canopy opening increases leaf-shredding arthropods and nutrient mineralization but not mass loss in wet tropical forest. *Ecosphere* 13: <https://doi.org/10.1002/ecs2.4084>

2021

Ortiz-Santana B., Chen, J., Parra, L.A., Angelini, C., **Lodge D.J.**, Kerrigan, R.W., Callac, P. 2021. The genus *Agaricus* in the Caribbean II: Refined phylogeny of *Agaricus* subg. *Spissicaules*. *Mycological Progress* 20:381-411 <http://doi.org/10.1007/s11557-021-01686-9>

van de Peppel, L.J.J., Nieuwenhuis, M., Auxier, B., Grum-Grzhimaylo, A.A., Cárdenas, M.E., de Beer, Z.W., **Lodge, D.J.**, Smith, M.E., Kuyper, T.W., Franco-Molano, A.E., Baroni, T.J., Aanen, D.K. 2021. Ancestral predisposition toward a domesticated lifestyle in the termite-cultivated fungus *Termitomyces*. *Current Biology* 31: 4413-4421.e5

2020

Baroni, T.J., Angelini, C., Bergemann, S.E., **Lodge, D.J.**, Lacey L, Curtis TA, Cantrell, SA. 2020. *Rhodocybe*-*Clitopilus* clade (Entolomataceae, Basidiomycota) in the Dominican Republic. New taxa and first reports of *Clitocella*, *Clitopilus* and *Rhodocybe* for Hispaniola. *Mycological Progress* 19(10):1083-1099 <http://doi.org/10.1007/s11557-020-01619-y>

Niveiro, N., Ramírez, N.A., Michlig, A., **Lodge, D.J.**, Aime, M.C. 2020. Studies of Neotropical tree pathogens in *Moniniophthora*: a new species, *M. mayarum*, and new combinations for *Crinipellis ticoi* and *C. brasiliensis*. *Mycology* 66:39-54 <http://doi.org/10.3897/mycokeys.66.48711>

Voitk A., Saar I., **Lodge D.J.**, Boertmann D., Berch, S.M., Larsson, E. 2020. New species and new reports of *Cuphophyllus* from northern North America compared to Eurasian species. *Mycologia* 112: 438-452 03 <http://doi.org/10.1080/00275514.2019.1703476>

2019

Delgat, L., **Lodge, D.J.** 2019. *Lactarius guanensis* Delgat & Lodge, sp. nov. *Fungal Planet* 1018– 18 December 2019. *Persoonia* 43: 374-375.

Lodge, D.J. 2019. *Fungi*. In: *The Natural History of the Bahamas: A Field Guide*. Currie, D., Wunderle, J.M., Freid, E., Ewert, D.N., **Lodge, D.J.** Comstock Publ. Assoc., Cornell University Press, Ithaca, NY. Pp. 49-61.

2018

- Koch, R.A., **Lodge, D.J.**, Sourell, S., Nakasone, K., McCoy, A.G., Aime, M.C. 2018. Tying up loose threads: revised taxonomy and phylogeny of an avian-dispersed Neotropical rhizomorph-forming fungus. *Mycological Progress* 17: 989-998. <http://doi.org/10.1007/s11557-018-1411-8>
- Liu, X., Zeng, X., Zou, X., **Lodge, D.J.**, Stankavich, S., González, G., Cantrell, S.A. 2018. Responses of soil organic labile carbon to a simulated hurricane disturbance in a tropical wet forest. *Forests* 9: 420-420. <http://doi.org/10.3390/f9070420>
- Stewart, J.E., Ross-Davis, A.L, Graça, R.N., Alfenas, A.C., Peever, T.L., Hanna J.W., Uchida, J.Y., Hauff, R.D., Kadooka, C.Y., Kim, M.-S., Cannon, P.G., Namba, S., Simeto, S., Pérez, C.A., Rayamajhi, M.B., **Lodge, D.J.**, Arguedas, M., Medel-Ortiz, R., Lépez-Ramirez, M.A., Tennant, P., Glen, M., Machado, P. da S., McTaggart, A.R., Carnegie, A.J., Klopfenstein, N.B. 2018. Genetic diversity of the myrtle rust pathogen (*Austropuccinia psidii*) in the Americas and Hawaii: Global implications for invasive threat assessments. *Forest Pathology* 48: e12378. 13 p. <https://doi.org/10.1111/efp.12378>

2017

- González, G., **Lodge, D.J.** 2017. Soil biology research across latitude, elevation and disturbance gradients: A review of forest studies during the past 25 years. *Forests* 2017, 8, 178. doi:10.3390/f8060178
- Lodge, D.J.** 2017. Common wood decay fungi found in the Caribbean Basin. Proceedings of the American Wood Protection Association meeting, 2-4 June 2016, San Juan, PR. 112: 22-25.

2016

- Gómez-Hernandez, M., Williams-Linera, G., **Lodge, D.J.**, Guevara, R., Ruiz-Sanchez, E., Gándara, E. 2016. Phylogenetic diversity and turnover, and evolutionary processes organizing macromycete communities along an elevation gradient in central Veracruz, Mexico. *Biotropica* 48: 577-585.
- Hosen, I.; Li, T.-H., **Lodge, D.J.**, Rockefeller, A. 2016. The first ITS phylogeny of the genus *Cantharocybe* (Agaricales, Hygrophoraceae) with a new record of *C. virosa* from Bangladesh. *MycoKeys* 14: 37-50. doi: 10.3897/mycokeys.14.9859
- Lodge, D.J.** 2016. Confessions of a fungal systematist. In: Long-Term Ecological Research - Changing the Nature of Scientists, M.J. Willig & L.R. Walker, eds., Oxford University Press.
- Lodge, D.J.**, Winter, D., González, G., Clum, N. 2016. Effects of hurricane-felled tree trunks on soil carbon, nitrogen, microbial biomass, and root length in a wet tropical forest. *Forests* 7, 264. 10.3390/f7110264
- Zalamea, M., González, G., **Lodge, D.J.** 2016. Physical, chemical and biological properties of soil under decaying wood in a tropical wet forest in Puerto Rico. *Forests* 2016, 7, 168. doi:10.3390/f7080168

2015

- Grupe II, A.C, Baker, A.D., Uehling, J.K., Smith, M.E., Baroni, T.J., **Lodge, D.J.** 2015. *Sarcodon* in the Neotropics I. New species from Guyana, Puerto Rico, and Belize. *Mycologia* 107(3): 591-606. doi: 10.3852/14-185
- Perdomo Sánchez, O.; **Lodge, D.J.** 2015. Porus Hongos Poriales de la República Dominicana.
- Ross-Davis, A.L., Graça, R.N., Alfenas, A.C., Namba, S., Minato, N., Simeto, S., Pérez, C.A., Rayamajhi, M.B., Morán, M., **Lodge, D.J.**, Arguedas, M., Medel-Ortiz, R., López-Ramírez, M.A., Tennant, P., Glen, M., Klopfenstein, N.B. 2015. Genotypes that cause rust disease on diverse myrtaceous trees and shrubs. In Chadwick, K, Palacios, P, comps. Proceedings of the 61st Western International Forest Disease Work Conference, October 6-11, 2013, Waterton Lakes National Park, AB, Canada. Washington, DC: US Department of Agriculture, Forest Service, Forest Health Protection, p.131-137. <http://www.treesearch.fs.fed.us/pubs/49126>
- Shiels A, G. González, **Lodge, D.J.**, Willig, M.R., Zimmerman, J.K. 2015. Cascading effects of canopy opening and debris deposition from a large-scale hurricane experiment in a tropical rainforest. *Bioscience* 65: 871-881.

Vellinga, E.C., Kuyper, T.W., Ammirati, J., Desjardin, D.E., Halling, R.E., Justo, A., Læssøe, T., Lebel T., **Lodge, D.J.**, Matheny, P.B., Methven, A.S., Moreau, P.A., Mueller, G.M., Noordeloos, M.E., Nuytinck, J., Ovrebo, C.L., Verbeken, A. 2015. Six simple guidelines for introducing new genera of fungi. *IMA Fungus* 6: 65-68.

2014

- Cantrell, S.A., Molina, M., **Lodge, D.J.** Rivera-Figueroa, F.J., Ortiz, M., Marchetti, A.A., Cyterski, M.J., Pérez-Jiménez, J.R. 2014. Effects of a simulated hurricane disturbance on forest floor microbial communities. *Forest Ecology & Manage.* 332: 22-31. 10.1016/j.foreco.2014.07.010
- González, G., **Lodge, D.J.**, Richardson, B.A., Richardson, M.J. 2014. A canopy trimming experiment in Puerto Rico: The response of litter decomposition and nutrient release to canopy opening and debris deposition in a subtropical wet forest. *Forest Ecol. Manage.* 332: 32-46. doi: 10.1016/j.foreco.2014.06.024
- Lodge, D.J.**, Cantrell, S.A., González, G. 2014. Effects of canopy opening and debris deposition on fungal connectivity, phosphorus movement between litter cohorts and mass loss. *Forest Ecology & Management* 332: 11-21. doi: 10.1016/j.foreco.2014.03.002
- Lodge D.J.**, Padamsee, M., Matheny, P.B., Aime, M.C., Cantrell, S.A., Boertmann, D., Kovalenko, A., Vizzini, A., Dentinger, B.T.M., Kirk, P.M., Ainsworth, A.M., Moncalvo, J.-M., Vilgalys, R., Larsson, E., Lücking, R., Griffith, G.W., Smith, M.E., Norvell, L.L., Desjardin, D.E., Redhead, S.A., Ovrebo, C.L., Lickey, E.B., Ercole, E., Hughes, K.W., Courtecuisse, R., Young, A., Binder, M., Minnis, A.M., Lindner, D.L., Ortiz-Santana, B., Haight, J., Læssøe, T., Baroni, T.J., Geml, J., Hattori, T. 2014. Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). *Fungal Diversity* 64:1-99.
<http://dx.doi.org/10.1007/s13225-013-0259-0>
- Sánchez-García, M., Matheny, P.B., Palfner, G., **Lodge, D.J.** 2014. Deconstructing the Tricholomataceae (Agaricales) and introduction of the new genera *Albomagister*, *Corneriella*, *Pogonoloma* and *Pseudotracheloma*. *Taxon* 63: 993-1007. doi: 10.12705/635.635.3
- Tedersoo, L., Bahram, M., Põlme, S., Kõljalg, U., Yorou, N.S., Wijesundera, R., Villarreal Ruiz, L., Vasco-Palacios, A.M., Quang Thu, P., Juija, A., Smith, M.E., Sharp, C., Saluveer, E., Saitta, A., Rosas, M., Riit, T., Ratkowsky, D., Pritsch, K., Põldmaa, K., Piepenbring, M., Phosri, C., Peterson, M., Parts, K., Pärtel, K., Otsing, E., Nouhra, E., Njouonkou, A.L., Nilsson, R.H., Morgado, L.N., Mayor, J., May, T.W., Majuakim, L., **Lodge, D.J.**, Lee, S.S., Larsson, K.-H., Kohout, P., Hosaka, K., Hiiesalu, I., Henkel, T.W., Harend, H., Guo, L.-D., Greslebin, A., Grelet, G., Geml, J., Gates, G., Dunstan, W., Dunk, C., Drenkhan, R.; Dearnaley, J., Kesel, A.D., Dang, T., Chen, X., Buegger, F., Brearley, F.Q., Bonito, G.; Anslan, S., Abell, S., Abarenkov, K. 2014. Global diversity and geography of soil fungi. 10.1126/ science.1256688

2013

- Cantrell, S.A., **Lodge, D.J.**, Cruz, C.M., García, L.M., Pérez-Jiménez, J.R., Molina M. 2013. Differential Abundance of Microbial Functional Groups along the Elevation Gradient from the Coast to the Luquillo Mountains. *Ecological Bulletins* 01/2013 54: 87-100.
- Hughes, K.W., Petersen, R.H., **Lodge, D.J.**, Bergmann, S., Baumgartner, K., Tuloss, R., Lickey, E., Cifuentes, J. 2013. Evolutionary consequences of putative intra- and interspecific hybridization in agaric fungi. 2013. *Mycologia* 105: 1177-1594. DOI: 10.3852/13-041
- Walker, L.R., Shiels, A.B., Bellingham, P.J., Sparrow, A.D., Fetcher, N., Landau, F.H., **Lodge, D.J.** 2013. The shifting influence of abiotic drivers during landslide succession in Puerto Rico. *J of Ecology* 101: 650-661.

2012

- Banik, M.T., Lindner, D.L., Ortiz-Santana, B., **Lodge, D.J.** 2012. A new species of *Laetiporus* (Basidiomycota, Polyporales) from the Caribbean Basin. *Kurtziana* 37(1): 15-21.
- Brokaw, N.V., Zimmerman, J.K., Camilo, G., Covich, A., Crawl, T.A., Fetcher, N., Haines, B., Gannon, M., **Lodge, D.J.**, Lugo, A.E., Myster, R., Pringle, C., Sharpe, J., Scatena, F.N., Schowalter, T., Silver, W., Thompson, J., Vogt, D.J., Vogt, K.A., Waide, R.B., Walker, L.R.,

- Willig, M.R., Woolbright, L.L., Wunderle, J.M., Zou, X. 2012. Response to disturbance. In: A Caribbean Forest Tapestry: The Multidimensional Nature of Disturbance and Response. Brokaw, N.V., Crowl, T.A., Lugo, A.E., McDowell, W.H., Scatena, F.N., Waide, R.B., Willig, M.R., eds. Oxford University Press: 72-163.
- Bugge-Harder, C., Læssøe, T., **Lodge, D.J.**, Cifuentes Blanco, J., Hughes, K., Peterson, R.H., Frøslev, T. 2012. Amyloidity is not diagnostic for species in the *Mycena pearsoniana* complex (*Mycena* sectio *Calodontes*). *Mycological Progress* 11: 725-732.
- Cantrell, S.A., **Lodge, D.J.** 2012. Fungi. In: Harris, N.L., Lugo, A.E., Brown, S., Heartsill Scalley, T., comps., eds. Research History and Opportunities. Experimental Forest and Range WOEFR-1, Miscellaneous WO-1. Washington, D.C.: US Department of Agriculture, Forest Service, Washington Office: 73-76.
- Crowl, T.A., Lugo, A.E., Brokaw, N., Covich, A.P., Waide, R., **Lodge, J.**, Pringle, C., Beard, K., Thompson, J., González, G. 2012. When and where biota matter: linking disturbance regimes, species characteristics and dynamics of communities and ecosystems. In: A Caribbean Forest Tapestry: The Multidimensional Nature of Disturbance and Response. Brokaw, N.V., Crowl, T.A., Lugo, A.E., McDowell, W.H., Scatena, F.N., Waide, R.B., Willig, M.R., eds. Oxford University Press. Pp. 272-304.
- Gómez-Hernández, M., Williams-Linera, G., Guevara, R., **Lodge, D.J.** 2012. Patterns of macromycete community assemblage along an elevation gradient: options for fungal gradient and metacommunity analyses. *Biodiversity & Conservation* 21: 2247-2268.
- McDowell, W.H., Scatena, F.N., Waide, R.B., Brokaw, N., Camilo, G.R., Covich, A.P., Crowl, T.A., González, G., Greathouse, E.A., Klawinski, P., **Lodge, D.J.**, Lugo, A.E., Pringle, C.M., Richardson, B.A., Richardson, M.J., Schaefer, D.A., Silver, W.L., Thompson, J., Vogt, D.J., Vogt, K.A., Willig, M.R., Woolbright, L.L., Zou, X., Zimmerman, J.K. 2012. Geographic and ecological setting of the Luquillo Mountains. In: A Caribbean Forest Tapestry: The Multidimensional Nature of Disturbance and Response. Brokaw, N.V., Crowl, T.A., Lugo, A.E., McDowell, W.H., Scatena, F.N., Waide, R.B., Willig, M.R., eds. Oxford University Press. Pp. 73-163.
- Willig, M.R., Bloch, C.P., Covich, A.P., Hall, C.A.S., **Lodge, D.J.**, Lugo, A.E., Silver, W.L., Waide, R.B., Walker, L.R., Zimmerman, J.K. 2012. Long-Term Research in the Luquillo Mountains: Synthesis and Foundations for the Future. In: A Caribbean Forest Tapestry: The Multidimensional Nature of Disturbance and Response. Brokaw, N.V., Crowl, T.A., Lugo, A.E., McDowell, W.H., Scatena, F.N., Waide, R.B., Willig, M.R., eds. Oxford University Press. Pp. 361-441.

2011

- Lundquist, J.E., Camp, A.E., Tyrrell, M.L., Seybold, S.J., Cannon, P., **Lodge, D.J.** 2011. Earth, wind and fire: Abiotic factors and the impacts of global environmental change on forest health in natural forests. In: Forest Health: An Integrated Perspective, Castello, J.D., Teale, S.A., eds. Cambridge University Press. Pp 195-244.

2010

- Desjardin, D.E., Perry, B.A., **Lodge, D.J.**, Stevani, C.V., Nagasawa E. 2010. Luminescent *Mycena*: new and noteworthy species. *Mycologia* 102: 459-477.
- Lilleskov, E., Callahan, M., Pouyat, R., Smith J., Castellano, M., González, G., **Lodge, D.J.**, Arango, R., Green, F. 2010. Invasive soil organisms and their effects on belowground processes. In: Dix, M.E., Britton, K., eds. A Dynamic Invasive Species Research Vision: Opportunities and Priorities 2009-29, USDA Forest Service GTO WO-79. Pp. 67-83.

2009

- Dentinger, B.T.M., **Lodge, D.J.**, Munkacsi, A.B., Desjardin, D.E., McLaughlin D.J. 2009. Phylogenetic placement of an unusual coral mushroom challenges the classic hypothesis of strict coevolution in the *Apterostigma pilosum* group ant-fungus mutualism. *Evolution* 61: 2172-2178.

Matheny, P.B., Aime, M.C., Bougher, N.L., Buyck, B., Desjardin, D.E., Horak, E., Kropp, B.R., **Lodge, D.J.**, Trappe, J.T., Hibbett, D.S. 2009. Out of the paleotropics? Historical biogeographic patterns in the cosmopolitan ectomycorrhizal mushroom family Inocybaceae. *J. Biogeography* 36: 577-592.

2008

- Baroni, T.J., N. Boscusis, Lindner, D.L., **Lodge, D.J.** 2008. A new species of *Pleurocollybia* (Tricholomataceae; Agaricales, Basidiomycetes) from Belize. *Mycotaxon* 103: 353-363.
- Baroni, T.J., Cantrell, S.A., Perdomo-Sánchez, O.P., **Lodge, D.J.** 2008. New species of *Pouzarella* (Entolomataceae, Agaricales) from the Dominican Republic and Jamaica. *Pacific Northwest Fungi*, special Festschrift in honor of Jack D. Rogers.
- Cantrell, S.A., **Lodge, D.J.** 2008. La reina de hongos. In *Historia Natural de Puerto Rico*, R.L. Joglar, ed. University of Puerto Rico Press, Rio Piedras, PR.
- Lodge, D.J.**, Læssøe, T., Aime, M.C., Henkel, T.W. 2008. Montane and cloud forest specialists among neotropical *Xylaria* species. *North American Fungi* 3: 193-213.
- Lodge, D.J.**, Ovrebo, C.L. 2008. First records of Hygrophoraceae from Panama including a new species of *Camarophyllus* and a new veiled species in *Hygrocybe* section *Firmae*. *Fungal Diversity* 32: 69-80.

2007

- Baroni, T.J., Franco-Molano, A.E., **Lodge, D.J.**, Lindner, D.L., Horak, E., Hofstetter, V. 2007. *Arthromyces* and *Blastosporella*, two new genera of conidia-producing lyophylloid agarics (Agaricales, Basidiomycota) from the neotropics. *Mycological Research* 111: 572-580.
- Castellano, M.A., Trappe, J.M., **Lodge, D.J.** 2007. *Mayamontana coccolobae* (Basidiomycota), a new sequestrate taxon from Belize. *Mycotaxon* 100: 289-294.
- Miller, R.M., **Lodge, D.J.** 2007. Fungal responses to disturbance - Agriculture and Forestry. In *The Mycota*, 2nd Ed., IV, Environmental and Microbial Relationships. Esser, K., Kubicek, P. Druzhinina, I.S., eds. Springer-Verlag, Berlin. Pp. 44-67
- Mueller, G.M., Schmit, J.P., Leacock, P.R., Buyck, B., Cifuentes, J., Desjardin, D.E., Halling, R.E., Hjortstam, K., Iturriaga, T., Larsson, K.-H., Lodge, D.J., May, T.W., Minter, D., Rajchenberg, M., Redhead, S.A., Ryvarden, L., Trappe, J.M., Watling, R., Wu, Q. 2007. Global diversity and distribution of macrofungi. *Biodiversity and Conservation* 16: 37-48.
- Ortiz-Santana, B., Lodge, D.J., Baroni, T.J., Both, E. 2007. Boletes from Belize and the Dominican Republic. *Fungal Diversity* 27: 247-416.
- Perdomo, O.P., **Lodge, D.J.**, Baroni, T.J. 2007. Hongos comestibles en República Dominicana. *Guía de Campo*. Centro para el Desarrollo Agropecuario y Forestal, Inc. Consejo Nacional de Investigaciones Agropecuarias y Forestales, Santo Domingo, Republica Dominicana.

2006

- Matheny, P.B., Curtis, J.M., Hofstetter, V., Aime, M.C., Moncalvo, J.-M., Ze, Z.-W., Yang, Z.-L., Slott, J.C., Binder, M., Ammirati, J.F., Baroni, T.J., Bougher, N.L., Wang, Z., Hughes, K.W., **Lodge, D.J.**, Kerrigan, R.W., Seidl, M.T., Anan, D., DeNittis, M., Daniele, G.M., Desjardin, D.E., Kropp, B.K., McLaughlin, D.J., Padamsee, M., Norvell, L.L., Parker, A., Vellinga, E.C., Vilgalys, R., Hibbett, D.S. 2006. Six major clades of Agaricales inferred from RNA polymerase II and nuclear ribosomal RNA genes. *Mycologia* 98: 984-997.
- Thorn RG, Moncalvo J-M, Redhead SA, **Lodge DJ**, Martin MP. 2006. A new poroid species of *Resupinatus* from Puerto Rico, with a reassessment of the cyphelloid genus, *Stigmatolemma*. *Mycologia* 97: 1140-1151.

2005

- Huhndorf, S.M., Miller, A.N., Fernández, F.A., **Lodge D.J.** 2005. Neotropical Ascomycetes 13. *Cornipulvina* and *Erythromada*, two new genera from the Caribbean and elsewhere. *Fungal Diversity* 20: 59-69.
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Popular Journals, Commentaries & Online Resources

- Lodge, D.J.**, Sheehan, B. Fungi. Nature Ramblers, Georgia Botanical Gardens, Athens, GA, 27 October 2022. <http://naturerambling.blogspot.com/2022/10/leadersfor-todays-ramble-jean-lodge-and.html#more>
- Lodge, D.J.** 2020. Is it a new species or variety? Deep Funga Blog, Fungal Diversity Survey.org. <https://fundis.org/resources/blog/111-is-it-a-new-species-or-variety>
- Roy, B., **Lodge, D.J.** 2019. Instructions for collecting and preserving macrofungal voucher specimens and samples for DNA barcode sequencing for the Fungal Diversity Survey (previously the North American Mycoflora Project): <https://fundis.org/sequence/sequence/collect-tissue>; <https://fundis.org/sequence/collect-dry/dry-your-specimens>
- Sourell, S., **Lodge, D.J.**, Araújo, J.P.M., Baroni, T., Chaverri, P., Furtado, A., Gilbertoni, T., Karstedt, F., Oliveira, J.J.S., Trierveiler Pereira, L., and Simon Cardoso, J. 2018. Cristalino Lodge, RPPN Cristalino, Alta Floresta, Mata Grosso, Brazil. Vol. 2. Fungi of Reserva Particular do Patrimônio Natural do Cristalino. Field Museum of Natural History, Rapid Field Guide #1047, Chicago, IL, USA. https://fieldguides.fieldmuseum.org/sites/default/files/rapid-color-guides-pdfs/1047_brazil_fungi_of_cristalino_reserve_0.pdf
- Sourell, S., and **Lodge, D.J.** 2015. Cristalino Lodge, RPPN Cristalino, Alta Floresta, Mata Grosso, Brazil. Vol. 1. Fungi of Reserva Particular do Patrimônio Natural do Cristalino. Field Museum of Natural History, Rapid Field Guide #719, Chicago, IL, USA. https://fieldguides.fieldmuseum.org/sites/default/files/rapid-color-guides-pdfs/719_brasil_fungi_of_rppn_cristalino_2.pdf
- Lodge, D.J.** 2014. The splitting of *Hygrocybe*. *Omphalina*, January 2014 1: 2-6.
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- Baroni, T.J., Legon, N.W., Vilgalys, R., **Lodge, D.J.** 1999. *Calocybe cyanea* - a rare and beautiful agaric is discovered in Puerto Rico. *The Mycologist* 13: 7-10.
- Nieves-Rivera, A.M., **Lodge, D.J.**, Miller, O.K. Jr. 1998. Contributions to the study of Gasteromycetes of Puerto Rico. *Mcllvainea* 13: 50-58.
- Baroni, T.J., **Lodge, D.J.**, Cantrell S.A. 1997. Tropical connections: Sister species and species in common between the Caribbean and the eastern United States. *Mcllvainea* 13: 4-19.
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- Lodge, D.J.**, Cantrell, S. 1995. Diversity of litter agarics at Cuyabeno, Ecuador: Calibrating sampling effort in tropical rain forest. *The Mycologist*. 9: 149-151.
- Lodge, D.J.**, Læssøe, T. 1995. Host preference in *Camillea verruculospora*. *The Mycologist* 9:152-153

University of Georgia Student Training:

Georgia Museum of Natural History Mycological Herbarium Interns

Fall 2020 Abigail Marie Davis – Database Management training

Spring 2020 Dimple Hitesh Patel – Barcoding and data entry of US Forest Service Disease Specimens

Spring 2019 Aiden Moore – Barcoding and data entry of US Forest Service Disease Specimens

Plant Pathology, Special Problems Course

Spring 2020 Marley Brown - Is coarse woody debris important in maintaining soil phosphorus cycling and tree growth in wet tropical forest? – Research paper - data analysis and manuscript writing

Fall 2020 Federico Alberto Aguilar – Economics of Coffee Rust Disease Management.

Professional Involvement:

Senior Scientist in the NSF grant “Distributions of macrofungi: quantifying ecosystem and climate drivers of fungal reproduction: quantifying ecosystem and climate drivers of fungal reproduction”, NSF DEB- 2106130, 6 Dec. 2021 to 31 December 2025.

Co-Chair of the 11th International Mycological Congress Local Organizing Committee 2015-2018.

Chair of the Mycological Society of America Finance Committee, 2016-2020; Currently Past Chair.

Past Past President of the Mycological Society of America, August 2016-July 2017.

Past President of the Mycological Society of America, July 2015-August 2016.

President of the Mycological Society of America, June 2014 to July 2015.

President Elect of the Mycological Society of America, Aug. 2013 to June 2014.

Elected Vice President of the Mycological Society of America, Aug. 2012-2013.

Member of the Mycological Society of America Honorary Awards Committee 2015-2018.

Member of Mycological Society of America Program Committee, Aug 2010 to 2013.

Member of Mycological Society of America Membership Committee June 2010 to Aug 2012.

Member of FESIN/NORDFORSK (Fungal Environmental Sampling and Informatics Network) organizing committee and logistics coordinator for workshop in Edinburgh, Scotland 30 July to 1 Aug 2010: Fungal Metagenomes: Approaches to Analyzing Large Molecular Data Sets.

Member, Scientific Program Committee, Latin American Botanical Congress 18-23 June 2006, Sto. Domingo, Dominican Republic.

Co-Chair, Symposium on Fungal Diversity of the Caribbean Region, Latin American Botanical Congress, 22 June 2006, Sto. Domingo, Dominican Republic.

Co-Organizer and Instructor, Introductory Fungal Mycology Workshop, 16-18 June 2006, Sto. Domingo and Arroyazo, Dominican Republic.

Co-Organizer of Mycoblitiz in July 2004 in support of the All Taxon Biotic Inventory of the Great Smoky Mountain National Park.

Co-Chair, Workshop committee, Mycological Society of America in 2004.

Chair, Mycological Society Program Committee for 2005 (term 2003-2006).

Councilor (Ecology-Pathology), Mycological Society of America, August 2000-2003.

Associate Editor, Fungal Ecology, July 2009 to present.

Subject Editor, Biotropica, January 1999-2001.

Editor, Mycological Research, January 2001-2003.

Fellow, Mycological Society of America, August 2001.

Editorial Board, Mycologia, Mycological Society of America, August 1994-1999

Chair of the Editorial Board of Mycological Memoirs, August 1995-1999.

Chair, Biodiversity Committee, Mycological Society of America, Sept. 1999-August 2001.

Official Liaison for Fungal Biodiversity and Conservation in the Mycological Society of America, February 1993 to Oct. 1995.

Member of the MSA International committee, Feb. 1996-1999.

Member of the I.U.C.N. special group for Conservation of Endangered Fungi, Caribbean Region, 1990-2009.

Committee member, British Mycological Society, Tropical Rainforest Expedition Planning Committee 1990 to 1994, and co-editor of a Special Feature on the expedition in The Mycologist in 1995.

Reviewer for Acta Ecologica; Applied & Environmental Microbiology, American Journal of Botany; Australian Journal of Botany; Australian Journal of Mycology; Biodiversity & Conservation; Biotropica; Botany; Caribbean J. of Science; Conservation Biology; Current Microbiology;

Ecological Applications; Ecological Bulletins; Ecosystems; FEMS Microbial Ecology; Forest Ecology & Management; Forests; Forest Science; Fungal Diversity; Global Change Biology; Journal of Science; Journal of Tropical Ecology; IMA Fungus; Kew Bulletin; Persoonia; Phylogenetics & Evolution; Mycologia; Mycological Progress; Mycological Research; Mycopathologia; MycoKeys; Phytotaxa; Mycorrhizae; Mycoscience; Mycotaxon; New Phytologist; North American Botany; North American Fungi; Plos One; Oikos; Soil Biology and Biochemistry, Southern Forests; and research proposals to NSF Ecosystem Studies, Population Biology and Physiological Ecology; and Ecology and the Agricultural Research Service.
Program Chairperson and Nominating Committee Chair, Soil Ecology Society, Sept. 1989 to October 1991.
NSF Panelist, Biotic Surveys and Inventories, February 1993, and review panel for Long-Term Research in June 1994.

Current Professional Memberships:

American Association for the Advancement of Science, Mycological Society of America

Invited National and Local Presentations 2018-Present:

Lodge, D.J., Sheehan, B. Fungi. Nature Ramblers, Georgia Botanical Gardens, Athens, GA, 27 October 2022.

Roy, B.A., **Lodge, D.J.**, Stallman, J., Johnson, J. 2022. The Fungal Diversity Survey: Community science and species discovery. Invited Symposium: The power of citizen science to advance fungal conservation. 90th meeting of the Mycological Society of America, Gainesville FL, 10-13 July 2022.

Lodge, D.J. 2019. Do we have European Waxcap Mushrooms in the US? Lilly Branch Audubon Society Meeting, Sandy Creek Nature Center, 3 October 2019.

Lodge, D.J. 2019. Do we have European Waxcap Species? Or Are We Headed for Eurexit? Oconee Mycological Foray, Oconee State Park, South Carolina, 13 September 2019.

Lodge, D.J. 2018. Assessing distributions of organisms and communities you can't see reliably - methods for addressing problems of detectability. Conservation Ecology Seminar, UGA Odum School of Ecology, 4 October 2018.

Offered Presentations at National Meetings beginning 2018:

Delvich, C.A., Roy, B.A., Diez, J.M., McGuire, K., Conery, J., Frey, S.D., Smith, M.E., Kennedy, P.G., Arnold, A.E., U'Ren, J., Wilson, A., **Lodge, D.J.** 2022. Distributions of macrofungi: quantifying ecosystem and climate drivers of fungal reproduction: quantifying ecosystem and climate drivers of fungal reproduction. 90th meeting of the Mycological Society of America, Gainesville FL, 10-13 July 2022.

Lodge, D.J., Sheehan, W., Roy, B. 2020. Citizen science project contributions to professional mycology. Mycological Society of America, virtual meeting, August 2020.