



DAFTAR PUSTAKA

- Adaskaveg JE, Blanchette RA, dan Gilbertson R. 1991. Decay of date palm wood by white-rot and brown-rot fungi. Canadian Journal of Botany 69(3): 615-629.
- Adaskaveg JE, Miller R, dan Gilbertson R. 1993. Wood decay, lignicolous fungi, and decline of peach trees in South Carolina. Plant Dis. 77:707-711.
- Adedeji G, Aiyeloja AA, dan Omokhua GE. 2014. Occurrence and Severity of *Ganoderma lucidum* (Fr.) P. Karst. on *Azadirachta indica* Tree in University of Port Harcourt, Nigeria: Implications for Sustainable Harvesting and Replacement. Nat Sci 12(8):123-128.
- Agustini L dan Irianto RSB. 2016. Hubungan Antara Kondisi Tajuk *Eucalyptus pellita* F. Muell dan Infeksi Penyakit Busuk Akar. Jurnal Penelitian Hutan Tanaman 13(1): 1-11.
- Anuar AFA dan Karyati. 2019. Karakteristik Iklim Mikro Di Bawah Tegakan Sengon-Kacang Panjang dan Jabon-Buncis. Jurnal Hutan Tropis 3(2): 70-77.
- Arifin D, Idris AS, dan Singh G. 2000. Status of *Ganodermain* oil palm. Dalam: Flood J, Bridge PD, Holderness M, editor. *Ganoderma Diseases of Perennial Crops*. United Kingdom: CABI Publishing. H: 49-68.
- Basset K dan Peters RN. 2003. *Ganoderma: A Significant Root Pathogen*. www.arborilogical.com/media/1744/Ganoderma (diakses 5 September 2021).
- Bhadra M. 2014. *Ganoderma* association with the mortality of *Acacia auriculiformis*, susceptibility to different hosts and its controls. J. Plant Pathol. Microbiol 5(238): 1-6.
- Blanchette RA. 1984. Screening Wood Decayed by White Rot Fungi for Preferential Lignin Degradation. Applied and Environmental Microbiology, 48(3): 647-653.
- Czaja M, Kolton A, dan Muras P. 2020. The Complex Issue of Urban Trees—Stress Factor Accumulation and Ecological Service Possibilities. Forest 11(932): 1-24.
- Coetzee M, Marincowitz S, Muthelo VG, dan Wingfield MJ. 2015. *Ganoderma* species, including new taxa associated with root rot of the iconic *Jacaranda mimosifolia* in Pretoria, south Africa. IMA Fungus 6: 249-256.
- Din FU dan Mukhtar T. 2019. Morphological characterization of *Ganoderma* species from Murree hills of Pakistan. Plant Protection 3(2): 73-84.
- Edy N, Anshary A, Basir-Cyo M. dkk. 2020. Incidence and severity of *Ganoderma* rot disease in tropical land-use systems and their virulence to palm oil. Plant Pathol 19(2): 98-105.
- Elshafie A., Al-Bahry SN., El-Nagerabi SAF., dan Al-Kindi KK. 2013. New record of *Ganoderma colossum* associated with *Sclerocarya birrea* dieback. Australas. Plant Dis. Notes 8:85-87.



- Fitriani, Suryanti R, dan Wulandari RS. 2017. Pengendalian Hayati Patogen Busuk Akar (*Ganoderma* sp.) Pada *Acacia mangium* Dengan *Trichoderma* spp. Isolat Lokal Secara In Vitro. Jurnal Hutan Lestari 5 (3): 571-570.
- Fernando KMEP. 2008. The host preference of a *Ganoderma lucidum* strain for three tree species of Fabaceae family: *Cassia nodosa*, *Cassia fistula* and *Delonix regia*. J. Natl. Sci. Found. Sri Lanka 36(4):323-326.
- Glen M, Bouger NL, Francis AA, et al. 2009. *Ganoderma* and *Amauroderma* species associated with root-rot disease of *Acacia mangium* plantation trees in Indonesia and Malaysia. Australas. Plant Pathol. 38: 345-356.
- Hidayati N dan Nurrohmah SN. Karakteristik Morfologi *Ganoderma steyaertianum* Yang Menyerang Kebun Benih *Acacia mangium* Dan *Acacia auriculiformis* Di Wonogiri, Jawa Tengah. Jurnal Pemuliaan Tanaman Hutan 9(2):117-130.
- Iryanthony SB. 2015. Pengembangan Modul Kesiapsiagaan Bencana Angin Puting Beliung Untuk Mahasiswa Pendidikan Geografi Unnes. *Jurnal Geografi: Media Informasi Pengembangan dan Profesi Kegeografian*, 12 (2):143-154.
- Jo WS, Cho YJ, Cho, DH dkk. (2009). Culture conditions for the mycelial growth of *Ganoderma applanatum*. Mycobiology 37(2): 94–102.
- Kamu A, Phin CK, Seman IA, dan Mun HC. 2015. Distribution of infected oil palms with *Ganoderma* basal stems root disease. Journal of Scientific Research and Development 2(10): 49-55.
- Kapoor P dan Sharma BM. 2014. Studies on Different Growth Parameters of *Ganoderma Lucidum*. International Journal of Science, and Technology 3(4): 1515-1524.
- Lattanzio V, Lattanzio VMT, dan Cardinali A. 2006. Role of Phenolics in the Resistance Mechanisms of Plants Against Fungal Pathogens and Insects. Phytochemistry. 23-67.
- Lukmanniah P dan Fatimah IS. 2016. Manfaat Kanopi Pohon Dalam Upaya Penyimpanan Dan Daya Serap Karbon Di Kawasan Perumahan. Jurnal Lanskap Indonesia 8(1):13-21.
- Loyd AL, Linder ER, Anger NA, dkk. (2018). Pathogenicity of *Ganoderma* Species on Landscape Trees in the Southeastern United States. *Plant disease*, 102(10), 1944–1949.
- Mercière M, Boulard R, Carasco-Lacombe C, dkk. 2017. About *Ganoderma boninense* in oil palm plantations of Sumatra and peninsular Malaysia: Ancient population expansion, extensive gene flow and large scaledispersion ability. Fungal Biol 121(6-7):529-540.
- Naiem M, Adriyanti DT, dan Musyafa. 2014. Pedoman Pengelolaan Vegetasi Di Lingkungan Universitas Gadjah Mada. Direktorat Pengelolaan Dan Pemeliharaan Aset Universitas Gadjah Mada. Yogyakarta.
- Nithya M, Ambikapathy V, dan Panneerselvam A. 2014. Collection, identification, phytochemical analysis and phytotoxicity test of wood inhabiting fungi *Ganoderma lucidum* (Curt.Fr.) P. Karst. Hygeia: Journal for drugs and medicine. 6: 31-39.



- Paterson R. 2007. Ganoderma disease of oil palm-A white rot perspective necessary for integrated control. *Crop Protection* 26: 1369-1376.
- Puspitasari D, Rimbawanto A, dan Hidayati N. 2009. Karakterisasi Morfologi dan verifikasi DNA *Ganoderma philippii* penyebab busuk akar *Acacia mangium*. *Jurnal Pemuliaan Tanaman Hutan*. 3(2): 83-94.
- Rajesh K, Dhanasekaran D, dan Panneerselvam, A. 2014. Isolation and taxonomic characterization of medicinal mushroom *Ganoderma* spp. *Acad. J. Microbiol. Res.* 2: 61-70.
- Ratnaningtyas NI dan Samiyarsih S. 2019. Karakterisasi *Ganoderma* spp. di Kabupaten Banyumas dan Uji Peran Basidiospora dalam Siklus Penyakit Busuk Batang. *BiOSfera* 29(1): 36-41.
- Richter C, Wittstein K, Kirk PM, dan Stadler M. 2015. An assessment of the taxonomy and chemotaxonomy of *Ganoderma*. *Fungal Diversity*. 71(1): 1-15.
- Rojas ACB, Luci QOS, Adriana MG, dan Vera LRB. 2018. Diversity of *Ganoderma* spp. and falls of urban trees in Brazil and Colombia. *Biodiversity Int J.* 2(2):178–179
- Schwarze F, Julia E, dan Mattheck C. 2000. Fungal Strategies of Wood Decay in Trees. 10.1007/978-3-642-57302-6_2.
- Schwarze F dan Ferner D. 2003. *Ganoderma* on trees differentiation of species and studies of invasiveness. *Arboric. J.* 27:59-77.
- Sharma JK, Mohanan C, dan Florence EJM. 1985. Disease Survey in Nurseries and Plantations of Forest Tree Spesies Grown in Kerala. Kerala Forest Research Institute. India.
- Sharma JK dan Florence EJM. 1996. Fungal Pathogens as Potential Threat to Tropical Acacias: A case study of India. KFRI Res. Rep. No.113, Kerala Forest Research Institute, Peechi, Kerala, India.
- Sinclair WA dan Lyon HH. 2005. Diseases of trees and shrubs. Comstock Publishing Associates, Ithaca, NY.
- Smith S dan Read D. 2008. Mycorrhizal symbiOSis (3 ed.). Academic Press. San Diego.
- Surahmaida dan Sudarwati TPL. 2018. Potensi Dan Senyawa Aktif *Ganoderma lucidum* Sebagai Biopestisida Nabati. Graniti. Gresik.
- Susanto A. 1998. Sifat-Sifat Biokimiawi dan Fabrikasi *Ganoderma*, Jamur Patogen Pepohongan. *Jurnal Perlindungan Tanaman Indonesia* 4(2): 83-91.
- Susanto A, Prasetyo AE, dan Wening S. 2013. Laju Infeksi *Ganoderma* pada Empat Kelas Tekstur Tanah. *Jurnal Fitopatologi Indonesia* 9: 39-46.
- Tchoumi JMT, Coetzee MPA, Rajchenberg M, dan Roux J. 2019. Taxonomy and species diversity of *Ganoderma* species in the Garden Route National Park of South Africa inferred from morphology and multilocus phylogenies. *Mycologia* 111(5): 730-747.
- Wang X-C, Xi R-J, Li Y, Wang D-M, dan Yao Y-J. 2012. The Species Identity of the Widely Cultivated *Ganoderma*, ‘*G. lucidum*’ (Ling-zhi), in China. *PLOS ONE* 7(7): e40857.
- Wicaksono WA, Buana RF, dan Situmorang EC. 2011. Analisis keragaman genetic *Ganoderma boninense* dari beberapa perkebunan berdasarkan Marka



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Random Amplified Polymorphic DNA (RAPD). Bio Tekno Sawit Jatropha 1(1): 25-31.

Widyastuti SM, Sumardi, Sulthoni A, dan Harjono. 1998. Pengendalian Hayati Penyakit Akar Merah pada Akasia dengan *Trichoderma*. Jurnal Perlindungan Tanaman Indonesia 4(2): 65-72.

Widyastuti SM, Harjono, dan Riastiwi I. 2013. Toleransi Tanaman Peneduh *Polyalthia longifolia* dan *Pterocarpus indicus* terhadap *Ganoderma* sp. Jurnal Hama dan Penyakit Tumbuhan Tropika 13(1): 19–23.

Witno, Puspaningsih N, dan Kuncahyono B. 2019. Pola Sebaran Spasial Biomassa di Areal Revegetasi Bekas Tambang Nikel. Jurnal Penelitian Kehutanan Bonita 1(2): 1-9.