

DAFTAR PUSTAKA

- Achmad, Mugiono, Arlanti dan Azmi. 2011. *Panduan Lengkap Jamur*. Penebar Swadaya. Jakarta.
- Adejumo T.O., M. E Coker dan V.O.Akinmoladun. 2015. Identification and Evaluation of Nutritional Status of some Edible and Medicinal Mushrooms in Akoko Area, Ondo State, Nigeria. *International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 4 Number 4 (2015)* pp. 1011-1028.
- Alam, N, Y.J.Chal, M.J.Shim, T.S.Lee dan U.Y.Le. 2010. Cultural Conditions for Mycelial Growth and Molecular Phylogenetic Relationship in Different Wild Strains of *Schizophyllum commune*. *Mycobiology* 38(1) : 17-25.
- Asegab, M. 2011. Bisnis Pembibitan Jamur Tiram, Jamur Merang dan Jamur Kuping. PT AgroMedia Pustaka. Jakarta.
- Bally, I.S.E. 2006. *Mangifera indica* (mango), ver. 3.1. In: Elevitch, C.R. (ed.). Species Profiles for Pacific Island Agroforestry. Permanent Agriculture Resources (PAR), Hōlualoa, Hawai‘i.
- Barbosa, A.D.P. 2014. Pharmacologically Active Saponins From The Genus *Albizia* (Fabaceae). *International Journal of Pharmacy and Pharmaceutical Sciences*. Vol 6, Issue 11.
- Barros, L., P. Baptista, D. M. Correia, S. Casal, B. Oliviera, and I. C. F. R. Ferreira. 2007. Fatty acid and sugar compositions, and nutritional value of five wild edible mushrooms from Northeast Portugal. *Food Chemistry* 105: 140-145.
- Borrega, M., K. Nieminen, dan H. Sixta. 2011. Degradation Kinetics Of The Main Carbohydrates in Birch Wood During Hot Water Extraction in A Batch Reactor At Elevated Temperatures. *Bioresource Technology*, 102(22), 10724 10732.
- CABI. 2020. Invasive Species Compendium. <https://www.cabi.org/isc/datasheet/20295> diakses 14 desember 2020.
- Campbell, Reece dan Miidel. 2003. *Biologi Edisi Kelima Jilid 2*. Erlangga. Jakarta.
- Cappuccino, J dan N. Sherman. 2014. *Microbiology a Laboratory Manual Tenth Edition*. Person. USA.

- Cardenas, D.A., H.J. Correa. 2016. Urea hydrolysis and sucrose hydrolysis of maize molasses (*Zea mays*) or sugar cane molasses (*Saccharum officinarum*) in rumen fluid in vitro. *Livestock Research for Rural Development*. 28(4) : 0121-3784.
- Chang, S and P.G. Milles. 2004. *Mushroom: Cultivation, Nutritional Value, Medicinal Effect and Environmental*. CRG Press. New York.
- Chazali, S dan P. Pratiwi. 2008. *Usaha Jamur Tiram : Scala Rumah Tangga*. Penebar Swadaya. Jakarta.
- Chiu, S.W. 1993. Evidence for a haploid life-cycle in *Volvariella volvacea* from microspectrophotometric measurements and observations of nuclear behaviour. *Mycol. Res.* 97(12):1481-1485.
- Cho, S.B. 2004. *Mushroom grower's handbook - Oyster mushroom cultivation*. Mush World.
- Darnetty. 2006. *Pengantar Mikologi*. Andalas University. Padang.
- Debnath, S., A. K. Saha dan P. Das. 2017. Biological activities of *Schizophyllum commune* Fr. : A wild edible mushroom of Tripura, North East India. *J. Mycopathol. Res*, 54(544), 469–475.
- Djarijah, N, M dan A. Siregar. 2001. *Budi Daya Jamur Tiram Pembibitan Pemeliharaan dan Pengendalian Hama-Penyakit*. Kanisius. Yogyakarta.
- Djuhariningrum, T dan Rusmadi. 2004. Penentuan Kalsit dan Dolomit Secara Kimia dalam Batu Gamping dari Madura. Kumpulan Laporan Hasil Penelitian. *Pusat Pengembangan Geologi Nuklir-Batan ISBN*. ISBN. 978-979-99141-2-5.
- Dumanauw, J.F. 2001. *Mengenal Kayu*. Kanisius : Yogyakarta.
- Emsen, B., A. Kocabas, A. Kaya, S.Cinar, M. Aasim dan G. Sadi. 2017. In Vitro Cytotoxicity, Antibacterial and Antioxidant Properties Of Various Extracts From *Schizophyllum commune* Fr.. *Fresenius Environmental Bulletin Volume 26 – No. 1a, pages 1144-1153*.
- Fiantiningsih. 2017. Pertumbuhan Miselium Bibit F1 Jamur Tiram (*Pleurotus ostreatus*) dan Jamur Merang (*Volvariella volvacea*) pada Media Biji Padi dan Biji Kacang Panjang dari Bibit F0 Media Ubi Jalar Putih. Publikasi Ilmiah Universitas Muhammadyah Surakarta. 1-12.
- Flegg, F.B., and G. Maw. 1997. Mushrooms and their possible contribution to the world. *Mushroom Journal vol. 48, pp. 395–403*.

- Fui, F.S., F.H. Saikim., J. Kulip. and J. Seelan 2018. Distribution and ethnomyco logical knowledge of wild edible mushrooms in Sabah (Northern Borneo), Malaysia. *Journal of Tropical Biology and Conservation* 15: 203–222.
- Gandjar, Indrawati dan W. Sjamsuridzal. 2006. Mikologi Dasar dan Terapan. Jakarta: Yayasan Obor Indonesia.
- H.S. Siregar, Tumpal dan Suhendri, Irwan. 2013. Budidaya dan Teknologi karet. Penebar Swadaya. Jakarta.
- Hendritomo,H. I. 2002. Biologi Jamur Pangan. Jakarta (ID): Pusat Pengkajian dan Penerapan Teknologi Bio Industri.
- Herawati E., E. T. Arung. And R. Amirta. 2016. Domestication and Nutrient Analysis of *Schizophyllum commune*, Alternative Natural Food Sources in East Kalimantan. *Agriculture and Agricultural Science* 291 – 296.
- Heru,D dan A.Andoko. 2008. Petunjuk Lengkap Budi Daya Karet PT Agromedia Pustaka. Jakarta
- Hoa,H.T dan C.L.Wang. 2014. Mycobiology The Effects of Temperature and Nutritional Conditions on Mycelium Growth of Two Oyster Mushrooms. *Mycobiology* 43(1): 14-23.
- Hong, L.S., D.Ibrahim, dan I.C.Omar. 2012. Oil Palm Frond for the Production of Bioethanol. International Journal of Biochemistry and Biotechnology Vol. 1 (1), pp. 007-011, March, 2012.
- Hutabarat,F.V. F. Diba dan L.Sisilia. 2019. Daya Hambat Ekstrak Kulit Jati (*Tectona grandis* Linn F) Terhadap Pertumbuhan Jamur Pelapuk Kayu *Schizophyllum commune* Fries. *Jurnal Hutan Lestari* Vol. 7 (3) : 1078 – 1089.
- Hytönen, J, J.Nurmi, N.Kaakkurivaara and T.Kaakkurivaara. 2019. Rubber Tree (*Hevea brasiliensis*) Biomass, Nutrient Content, and Heating Values in Southern Thailand. *Forests* 10, 638.
- Imtiaj, A, C. Jayasinghe, G.W. Lee, H.Y.Kim, M.J.Shim, H. S.Lee, H.Hur, M.W. Lee , U.Y. Lee and T.S.Lee. 2010. Physicochemical Requirement for the Vegetative Growth of *Schizophyllum commune* Collected from Different Ecological Origins. *Mycobiology*, 36(1), 34. <https://doi.org/10.4489/myco.2008.36.1.034>.

- Ismanto, A dan Y.D. Saputro. 2014. Analisis Kimia Kayu Karet (*Hevea brasiliensis Muell. Arg.*) Diawetkan Secara Tradisional. Jurnal Sains Natural Universitas Nusa Bangsa Vol. 4, No. 2 (181-186).
- Kam,Y.C., S.L.Hii., C.Y.Sim dan L.G.A.Ong. 2016. Schizophyllum commune Lipase Production on Pretreated Sugarcane Bagasse and Its Effectiveness. *Hindawi Publishing Corporation International Journal of Polymer Science* Volume 2016, Article ID 2918202, 6 pages.
- Karun.N.C., dan K.R.Sridhar. 2017. Edible wild mushrooms of the Western Ghats: Data on the ethnic knowledge. *Data in Brief* 14 (2017) 320–328.
- Klaus A.,M Kozarski., M Niksic., D Jakovljevic., dan N Todorovic. 2011. Antioxidative activities and chemical characterization of polysaccharides extracted from the basidiomycete *Schizophyllum commune*. *LWT - Food Science and Technology* 44 2005-2011.
- Krupodorova, T. A., and V. Y Barshteyn. 2015. Amaranth Flour as a New Alternative Substrate for *Schizophyllum Commune* Fr.: Fr . and *Cordyceps Sinensis* (Berk .) Sacc. Growth *Journal of Siberian Federal University. Biology* 1 32-44.
- Kuspradani, H., E. Rosamah, E. Sukaton dan E.T.Arung. 2016. Pengenalan Jenis Getah Gum-Lateks-Resin. Mulawarman University Press: Samarinda.
- Martawijaya, A., I. Kartasujana., K. Kadir dan S. Among Prawira. 2005. *Atlas Kayu Jilid I*. Departemen Kehutanan Badan Penelitian dan Pengembangan Kehutanan : Bogor.
- Masefa L, Nurmiati and Periadnadi. 2016. Pengaruh Kapur dan Dolmit Terhadap Pertumbuhan Miselium dan Produksi Jamur Tiram Cokelat (*Pleurotus cystidiosus O.K Miller*). *Online Journal of Naural Science* Vol 5(1) : 11-20.
- Matavulj M,N., S B. Lolic., S B. Vujcic., S Milovac., M S. Novakovic and M A. Karaman. 2013. *Schizophyllum commune* – The Main Cause of Dying Trees of The Banja Luka Arbored Walks And Parks. *Jour. Nat. Sci, Matica Srpska Novi Sad*.
- Maulana, E. 2012. *Panen Jamur Tiap Musim Panduan Lengkap Bisnis dan Budidaya Jamur Tiram*. Penerbit Dani. Yogyakarta.
- Mirfat, A. H. S., A. Noorlidah., and S. Vikineswary. 2014. Antimicrobial activities of split gill mushroom *Schizophyllum commune* Fr. *American Journal of Research Communication* Vol 2(7).

- Mueller G.M., G.F. Bills., and M.S Foster. 2004. *Biodiversity of Fungi*. Academic Press.
- Mycobank Database Fungal Database, Nomenclature dan Species Bank. 2019. <http://www.mycobank.org/>. diakses 14 Maret 2019.
- Nasreen, Z., S.J.Khan, A.Yasmeen, M.Shafique, S.Usman, dan S.Ali. 2015. Original Research Article Optimization of Sub-Merged Culture Conditions for Biomass Production in *Schizophyllum commune*, a Medicinal Mushroom. *International Journal of Current Microbiology and Applied Sciences*, 4(2), 258–266.
- Nieuwenhuis, Bart P. S. dan D.K Aanen, Duur K. 2018. Nuclear Arms Races: Experimental Evolution For Mating Success In The Mushroom-Forming Fungus *schizophyllum commune*. *PLOS ONE*, 13(12) .
- Nion Y,A., A.A.Djaya, E.M.Kadie, Lune, Sumarlan dan C H.Wijaya. 2012. Siklus Hidup Jamur Konsumsi Lokal Kulat Kritip (*Schizophyllum commune*) Pada Daerah Bergambut dan Daerah Bertanah Mineral serta Potensi Nutrisinya. *Jurnal Biologi Indonesia* 8 (2).
- Oi, FEC. and F. Liu. 2000. Immunomodulation and Anti-Cancer Activity of Polysaccharide- Protein Complexes. *Cur. Med. Chem.* 7, 715-729.
- Okwu,D.E., dan V.Ezenagu. Evaluation Of The Phytochemical Composition Of Mango (*Mangifera Indica Linn*) Stem Bark And Leaves. *Int. J. Chem. Sci.*: 6(2), 2008, 705-716.
- Osuntokun OT A.Ayodele O, A. MI, dan O. AE3. 2017. Assessment of antimicrobial and phytochemical properties of crude leaf and bark extracts of *Ceiba pentandra* on selected clinical isolates found in Nigerian teaching hospital. *Journal of Bacteriology & Mycology: Open Access J Bacteriol Mycol Open Access*. 2017;4(1):17–23
- Pahan,I.2015. Panduan Teknis Budidaya Kelapa Sawit Untuk Praktisi Perkebunan. Penebar Swadaya : Jakarta.
- Parjimo dan A. Andoko. 2007. *Budidaya Jamur (Jamur Kuping, Jamur Tiram dan Jamur Merang)*. Agromedia Pustaka. Jakarta.
- Peter, A., dan L.A.Oseni 2012. Comparative evaluation of *Ceiba pentandra* ethanolic leaf extract, stem bark extract and the combination thereof for in vitro bacterial growth inhibition. *Journal of Natural Sciences Research* www.iiste.org ISSN 2224-3186 (Paper) ISSN 2225-0921 (Online) Vol.2, No.5, 2012.

- Pinasthika, N.P., R. Arbianti, T.S. Utami dan H. Hermansyah. 2018. Effect of Medium and Incubation Time on Production Of AA, DHA and EPA from *Aspergillus Oryzae* By Solid State Fermentation. *IOP Conf. Series: Earth and Environmental Science*.
- Plant of Southeast Asia, 2020. <http://www.asianplant.net/> diakses 10 Desember 2020.
- Putra.A.F.R., E. Wardenaar dan H. Husni. 2018. Analisa Komponen Kimia Kayu Sengon (*Albizia falcataria* (L.) Fosberg) Berdasarkan Posisi Ketinggian Batang. *Jurnal Hutan Lestari* Vol. 6 (1) : 83 – 89.
- Ribeiro, B. , P. G. de Pinho, P. B Andrade, P. Baptista, dan P. Valentão.2009. Fatty acid composition of wild edible mushrooms species: a comparative study. *Microchemical Journal* vol. 93, no. 1, pp. 29–35.
- Rochman, A. 2015. Perbedaan Proporsi Dedak Dalam Media Tanam Terhadap Pertumbuhan Jamur Tiram Putih (*Pleurotus florida*). *Jurnal Agribisnis Fakultas Pertanian Unita*. Vol. 11. No.13.
- Rosnan,N.D, N.L.Chuen, dan A.A.Ngadin. 2019. First record of in vitro growth evaluation of wild mushroom, *Schizophyllum commune* from Pulau Kapas in Malaysia. *Asian J Agric & Biol.*;7(4):602-609.
- Sagala, L.A.B., E. Aprilina., A. Sonip., M. Risanti, dan Irzaman. 2015. Penumbuhan Miselium Jamur Tiram Putih (*Pleurotus ostreatus*) Pada Media Sorgum dan Analisis Fourier Transform Infrared (FTIR). *Seminar Nasional Fisika*. 5:51-56.
- Saldivar,S.O.2019. Corn Chemistry and Technology Third Edition. Woodhead Published An imprint of Elsevier. United Kingdom.
- Samson, R.A., Reenen-Hoekstra, E.S. 1988. *Introduction To Food-Borne Fungi*. Centraalbureau voor Schimmelcultures. The Netherlands.
- Saputra, D.Y., Nurmiati.,dan Periadnadi. 2018. Studi Jamur Polyporus Liar yang bisa dikonsumsi (Cendawan Elang) di Kecamatan Kayu Aro Barat, Kabupaten Kerinci, Jambi. *Jurnal Metamorfosa*. 1:112-116.
- Saputri, R., Periadnadi dan Nurmiati. 2016. The Effect of Calcite and Dolomite to Mycelium Growth and Production of Pink Oyster Mushroom (*Pleurotus flabellatus* Saccardo). *Online Jurnal Od Natural Science*, 5(1), 1–10.
- Septiadi, E, D. Pringgenies, dan O.K. Radjasa. 2013. Uji Fitokimia dan Aktivitas Antijamur Ekstrak Teripang Keling (*Holoturia atra*) Dari Pantai

- Bandengan Jepara Terhadap Jamur Candida albicans. *Journal Of Marine Research.* Volume 2, Nomor 2, Halaman 76-84.
- Seswati R, Nurmiati dan Periadnadi. 2013. Pengaruh Pengaturan Keasaman Media Serbuk Gergaji Terhadap Pertumbuhan dan Jamur Tiram Cokelat (*Pleurotus cystidosus O.K.Miller*). *Jurnal Biologi Universitas Andalas (J.Bio.UA.)* 2(1): 31-36 (ISSN:2303-2162).
- Sinaga, M.S. 2012. *Budidaya Jamur Merang*. Penebar Swadaya. Jakarta.
- Sobowale AA, Atoyebi FT, dan Adenipekun CO. 2018. Fungal Incidence and Growth of Two Pleurotus Species on Sawdust of Ceiba pentandra (Linn.) Gaertn and Ficus Mucoso welw (Softwoods). *J Plant Pathol Microbiol* 9: 448. doi: 10.4172/2157-7471.1000448
- Sornlake.W, P. Rattanaphanjak., V. Champreda., L. Eurwilaichitr., S. Kittisenachai., S. Roytrakul, T. Fujii dan H. Inoue. 2017. Characterization of cellulolytic enzyme system of *Schizophyllum commune* mutant and evaluation of its efficiency on biomass hydrolysis. *Bioscience, Biotechnology, and Biochemistry Vol. 81, No. 7, 1289–1299.*
- Sortino,M, M. Derita, L. Svetaz, M. Raimondi, M. D. Liberto, E. Petenatti, M. Gupta, dan S. Zacchino. 2012 The Role Of Natural Products In Discovery Of New Anti-Infective Agents With Emphasis On Antifungal Compounds. 2012. Dalam V.C.Filho (Ed.). *Plant Bioactives and Drug Discovery: Principles, Practice, and Perspectives, Fourth Edition*. John Wiley & Sons, Inc. Brazil. Hal 205-229.
- Stamet, P dan J.S Chilton. 1983. *The Mushroom Cultivator. Practical Guide to growing Mushrooms at home*. Agarikon Press.
- Stellmach, B., W. Gottschick., F. Battermann., dan K. Zabel. 1998. *Bestimmungs Methoden Enzyme für Pharmazie, Lebensmittelchemie, Technik, Biochemie, Biologie, Medizin*. Steinkopff Verlag Darmstadt. Stadthagen. Germany.
- Sugijanto, N.E., S. Nuning., A.T. Purnomo., dan L.B. Pramana. 2010. Pengaruh Kalsium dalam Media terhadap Pertumbuhan Miselium dan Kandungan Asam Amino Jamur *Lentinum Edodes*.*Majalah Farmasi Airlangga*. Vol. 8. No. 2.
- Suhardiman, P. 1998. *Seri Budi daya Jamur Shitake*. Kanisius : Yogyakarta.
- Suharnowo., L.S. Budipramana., dan Isnawati. 2012. Pertumbuhan Miselium dan Produksi Tubuh Buah Jamur Tiram Putih (*Pleurotus Ostreatus*) dengan

- Memanfaatkan Kulit Ari Biji Kedelai sebagai Campuran pada Media Tanam. *LenteraBio*. Vol. 1. No. 3. Hal. 125-130.
- Sumarsih, S. 2010. Untung Besar Usaha Bibit Jamur Tiram. Penebar Swadaya. Depok.
- Sunarmi, Y.I dan C. Saparinto. 2010. Usaha 6 Jenis Jamur Skala Rumah Tangga. Penebar Swadaya: Depok.
- Suriawiria, U. 1993. Pengantar Untuk Mengenal dan Menanam Jamur. Penerbit Angkasa. Bandung.
- Takemoto S., H Nakamura., Erwin., Y Immamura., dan T Shimane. 2010. REVIEW *Schizophyllum commune* as a Ubiquitous Plant Parasite. *JARQ* 44 (4), 357 – 364.
- Utoyo, N. 2010. *Bertanam Jamur Kuping di Lahan Sempit*. PT AgroMedia Pustaka: Jakarta.
- Walker.G.M dan Nia.A.W. 2018. Introduction to Fungal Physiology. Dalam K.Kevin (Ed.). *Fungi - Biology and Applications*. Department of Biology National University of Ireland Maynooth Co. Kildare Ireland. England.
- Watling, R., dan D. Moore. 1994. Moulding moulds into mushrooms: Shape and form in the higher fungi. In: Shape and Form in Plants and Fungi (D.S. Ingram and A. Hudson, eds.), pp. 270–290. Academic Press, London.
- Yim, H,S., F.Y.Chye., V. Rao., J. Y.Low., P. Matanjau., S. E.How., dan C. W. Ho. 2013. Optimization of Extraction Time and Temperature on Antioxidant Activity of *Schizophyllum commune* Aqueous Extract Using Response Surface Methodology. *J Food Sci Technol* 50(2):275–283.
- Zhang, Y., W. Geng, Y. Shen, Y. Wang dan Y. Dai. 2014. Edible mushroom cultivation for food security and rural development in china : bio-innovattion, technological dissemination and marketing. Sustainability. 6: 2961-2973.
- Zied, D. C dan A.P.Gimenez. 2017 *Edible and Medicinal Mushrooms: Technology and Applications*. Wiley Blackwell. US.