



## **DAFTAR PUSTAKA**

- Aminiannasab, P., Sedaghati, E., Hosseini, S., & Saberi, R. 2021. Identification of Arbuscular Mycorrhizal Fungi Associated with Different Plants in Rafsanjan Based on Morphological Characteristics and  $\beta$ -Tubulin Gene Sequence. Biological Journal of Microorganism. 10(38) : 27-40.
- Bohacz, J., Korniłowicz-Kowalska, T., Rybczyńska-Tkaczyk, K., & Andruszczak, S. 2022. Impact of the Cultivation System and Plant Cultivar on Arbuscular Mycorrhizal Fungi of Spelt (*Triticum Aestivum* Ssp. *Spelta* L.) In a Short-Term Monoculture. Pathogens 11(8) : 844.
- Boyno, G., Demir, S., Rezaee Danesh, Y., Durak, E. D., Çevik, R., Farda, B., Djeballi, R. & Pellegrini, M. 2023. A New Technique for the Extraction of Arbuscular Mycorrhizae Fungal Spores From Rhizosphere. Journal of Fungi 9(8) : 845.
- Brundrett, M., Bouger N., Dell B., Grove T., & Malajczuk N. 1996. Working with Mycorrhizas in Forestry and Agriculture. Aciar Monograph 32. Australian Centre for International Agricultural Research, Canberra.
- Cha, J. E., & Eom, A. H. 2023. Asymbiotic Spore Production of *Rhizoglomus* Intraradices in a Medium Containing Myristate. Mycobiology 51(3), 164-168.
- Chandrasekaran, M. 2022. Arbuscular Mycorrhizal Fungi Mediated Enhanced Biomass, Root Morphological Traits and Nutrient Uptake Under Drought Stress: a Meta-Analysis. Journal of Fungi 8(7), 660.
- Corazon-Guivin, M. A., Cerna-Mendoza, A., Guerrero-Abad, J. C., Vallejos-Tapullima, A., Ríos-Ramírez, O., Vallejos-Torres, G., De la Sota Ricaldi, A.M., Santos, V. M., Alves da Silva, G. & Oehl, F. 2020. Paraglomus Occidentale, a New Arbuscular Mycorrhizal Fungus From the Sources of the Amazon River in Peru, With a Key to the Paraglomeromycetes Species. Sydowia 72, 85-94
- DaSilva, G. A., Corazon-Guivin, M. A., De Assis, D. M. A., & Oehl, F. 2023. Blaszkowskia, a New Genus in Glomeraceae. Mycological Progress, 22(11), 74.
- Droh, G., Djezou, K. M., Tuo, S., Touré, M., & Kouassi, A. B. 2023. Morphometric Characterization of Endomycorrhizal Fungi (Glomeraceae And Acaulosporaceae) from the Bouaflé and Niellé Areas in Côte d'Ivoire. American Journal of Bioscience, 11(1), 1-10.



- Dudhane, M., Borde, M., & Thomas, S. 2024. Advances in Arbuscular Mycorrhizal Fungi Research: Isolation, Histochemical Staining, Enumeration, Morphological and Molecular Techniques. In Arbuscular Mycorrhizal Fungi in Sustainable Agriculture: Inoculum Production and Application. Singapore: Springer Nature Singapore. p : 37-55.
- Dwiyani, R., Wirya, G. N. A. S., Gunadi, I. G. A., Darmawati, I. A. P., Yuswanti, H., Susrusu, K. B., & Astiningsih, A. A. M. 2024. The Role of Mycorrhizae on the Growth of Banana Plantlets of Cultivar Raja (*Musa Paradisiaca* Cv Raja) from Bali at Post Acclimatization : Role of Mycorrhizae on The Growth of Banana Planlets. *Journal of Tropical Life Science*, 14(2) : 309-318.
- Emara, H. A., Nower, A., Hamza, E., Saad, M., & El Shaib, F. 2018. Role of Mycorrhiza as Biofertilization of Banana Grand Naine on Nursery Stage. *International Journal of Current Microbiology and Applied Science*, 7(10) : 805-814.
- Fasusi, O. A., Amoo, A. E., & Babalola, O. O. 2021. Propagation and Characterization of Viable Arbuscular Mycorrhizal Fungal Spores within Maize Plant (*Zea Mays* L.). *Journal of the Science of Food and Agriculture*, 101(14) : 5834-5841.
- Ganugi, P., Masoni, A., Pietramellara, G., & Benedettelli, S. 2019. A Review of Studies from the Last Twenty Years on Plant–Arbuscular Mycorrhizal Fungi Associations and Their Uses for Wheat Crops. *Agronomy*, 9(12) : 840.
- Gao, Y. M., Luo, H. Q., Yao, T., Zhang, J. G., Li, H. Y., Yang, Y. S., & Lan, X. J. 2020. Isolation, Identification and Growth Promotion of Arbuscular Mycorrhizal Fungi (Amf) From *Potentilla Chinensis* in Degraded Alpine Grassland in The Qilian Mountains. *Acta Prataculturae Sinica*, 29(1) : 145.
- Gao, Y. M., Jia, X., Zhao, Y., Zhao, J., Ding, X., Zhang, C., & Feng, X. 2022. Effect of Arbuscular Mycorrhizal Fungi (*Glomus Mosseae*) and Elevated Air Temperature on Cd Migration in The Rhizosphere Soil of Alfalfa. *Ecotoxicology and Environmental Safety*, 248 : 114-342.
- Gargouri, M., Bates, P. D., & Declerck, S. 2021. Combinatorial Reprogramming of Lipid Metabolism in Plants: a Way Towards Mass-Production of Bio-Fortified Arbuscular Mycorrhizal Fungi Inoculants. *Microbial Biotechnology*, 14(1) : 31-34.



- Ginting, R. C. B., & Simanungkalit, R. D. M. 2022. Cendawan Mikoriza Arbuskuler. Metode Analisis Biologi Tanah. Balai Penelitian Tanah, Bogor.
- Goto, B. T., Silva, G. A., Assis, D., Silva, D. K., Souza, R. G., Ferreira, A. C; Jobim, K., Mello, Catarina M.A., Vieira, Helder E.E., Maia, Leonor C., & Oehl, F. 2012. Intraornatosporaceae (Gigasporales), A New Family with Two New Genera and Two New Species. Mycotaxon, 119(1) : 117-132.
- Guillén, A. 2021. Preparation of Samples for Characterization of Arbuscular Mycorrhizal Fungi. The Plant Microbiome: Methods and Protocols, 43-51.
- Hartoyo, B., & Trisilawati, O. 2021. Diversity of Arbuscular Mycorrhiza Fungi (AMF) in the Rhizosphere of Sugarcane. In IOP Conference Series: Earth and Environmental Science 653(1), 120
- Hatami N, Bazgir E, Sedaghati E, Darvishnia M. 2020. Isolation and Study of Morphology and Phylogeny of Arbuscular Mycorrhizal Fungi Coexisting with The Roots of Some Medicinal Plants in Kerman Province. Agricultural Biotechnology Journal 12(1) : 23-44.
- Husna, H., Tuheteru, F. D., & Arif, A. 2021. Arbuscular Mycorrhizal Fungi to Enhance The Growth of Tropical Endangered Species *Pterocarpus Indicus* and *Pericopsis Mooniana* in Post Gold Mine Field in Southeast Sulawesi, Indonesia. Biodiversitas Journal of Biological Diversity : 22(9).
- Kameoka, H., & Gutjahr, C. 2022. Functions of Lipids in Development and Reproduction of Arbuscular Mycorrhizal Fungi. Plant and Cell Physiology, 63(10) : 1356-1365.
- Kasongat, H., Gafur, M. A., & Ponisri, P. 2019. Identifikasi dan Keanekaragaman Jenis Jamur Ektomikoriza Pada Hutan Jati di Seram Bagian Timur. Median: Jurnal Ilmu Ilmu Eksakta, 11(1), 39-46.
- Kehri, H. K., Akhtar, O., Zoomi, I., & Pandey, D. 2018. Arbuscular Mycorrhizal Fungi: Taxonomy and its Systematics. International Journal of Life Science Resource, 6(4) : 58-71.
- Khaliq, A., Perveen, S., Alamer, K. H., Zia Ul Haq, M., Rafique, Z., Alsudays, I. M., ... & Attia, H. 2022. Arbuscular Mycorrhizal Fungi Symbiosis to Enhance Plant–Soil Interaction. Sustainability, 14(13) : 784.



- Khirani, S., Boutaj, H., Modafar, C.E., & Khelil, A. O. E. 2020. Arbuscular Mycorrhizal Fungi Associated with Date Palm in Ouargla Region (Southeastern Algeria). *Plant Cell : Biotechnology Molecular Biology*, 21: 15-28.
- Kone, S., & Kante, F. 2021. Diversity Of Arbuscular Mycorrhizal Fungi Associated To Sorghum (Sorghum Bicolor L. Moench) in Soils of Sikasso Region (Mali). *African Journal of Environmental Science And Technology*, 15(6) : 223-229.
- Leonard, L.M. 2006. Melzer's, Lugol's or Iodine for Identification of White-Spored Agaricales. *McIlvainea*, 16(1): 43-51.
- Liu, R. C., Xiao, Z. Y., Hashem, A., Abdullah, E. F., Xu, Y. J., & Wu, Q. S. 2021. Unraveling the Interaction Between Arbuscular Mycorrhizal Fungi and Camellia Plants. *Horticulturae*, 7(9) : 322.
- Lu, Z. R., Xia, Z. T., Lu, M., Zhao, J. X., Li, Y. M., Wang, Z. L., & Fan, M. P. 2023. Effects of Annual Crop Rotation and Fallow On Soil AMF Community and Aggregate Stability. *Huanjing-Kexue*, 44(9), 5154-5163. Abstract <<https://europepmc.org/article/med/37699833>> Diakses 4 Juli 2024.
- Morton Jb. 1988. Taxonomy of Vesicular Arbuscular Mycorrhizal Fungi Classification, Nomenclature and Identification. *Mycotaxon* 32: 267-324.
- Rini, M. V., Yelli, F., Tambunan, D. L., & Damayanti, I. 2021. Morphological and Molecular Identifications of Three Native Arbuscular Mycorrhizal Fungi Isolated from the Rhizosphere of Elaeis Guineensis and Jatropha Curcas in Indonesia. *Biodiversitas Journal of Biological Diversity*, 22(11).
- Rodrigues, K. M., & Rodrigues, B. F. 2020. Glomus. In *Beneficial Microbes in Agro-Ecology*. Academic Press. (p. 561-569)
- Rodriguez-Morelos, V. H., Calonne-Salmon, M., Bremhorst, V., Garcés-Ruiz, M., & Declerck, S. 2021. Fungicides with Contrasting Mode of Action Differentially Affect Hyphal Healing Mechanism in Gigaspora Sp. and Rhizophagus Irregularis. *Frontiers in Plant Science*, 12.
- Rosas-Moreno, J., Walker, C., Duffy, K., Krüger, C., Krüger, M., Robinson, C. H., & Pittman, J. K. 2023. Isolation And Identification of Arbuscular Mycorrhizal Fungi from an Abandoned Uranium Mine and Their Role in Soil-To-Plant Transfer of Radionuclides and Metals. *Science of the Total Environment*, 876 : 162.



- Ryan, I., & Pigai, S. 2020. Morfologi Tanaman Pisang Jiigikago Berdasarkan Kearifan Lokal Suku Mee di Kampung Idaiyo Distrik Obano Kabupaten Paniai. *Jurnal Faperta : Jurnal Pertanian Dan Peternakan*, 5(2) : 1-8.
- Salmeron-Santiago, I. A., Martínez-Trujillo, M., Valdez-Alarcón, J. J., Pedraza-Santos, M. E., Santoyo, G., López, P. A., Larsen, J., Pozo, M. J. & Chávez-Bárcenas, A. T. 2023. Carbohydrate and Lipid Balances in the Positive Plant Phenotypic Response to Arbuscular Mycorrhiza: Increase in Sink Strength. *Physiologia Plantarum*, 175(1) : 38-57.
- Sirait, G., Hasairin, A., & Edi, S. 2023. Identification of Mycorrhizal Fungi Spore in Environment of Medan State University. *Advances in Science and Technology*, 126, 208-213.
- Stürmer, S. L., Bever, J. D., & Morton, J. B. 2018. Biogeography of Arbuscular Mycorrhizal Fungi (Glomeromycota): a Phylogenetic Perspective on Species Distribution Patterns. *Mycorrhiza*, 28(7) : 587-603.
- Susila, E., Chan, S. R. O. S., Achmad, B. S., & Maulina, F. 2022. Exploration and Morphology Identification of Spores Asbuscular Mycorrhizal Fungi from Horticultural Plantation. *Journal of Applied Agricultural Science and Technology*, 6(1) : 20-30.
- Swandi, F., Sulyanti, E., & Darnetty, D. 2023. Isolation and Identification of Arbuscular Mycorrhizal Fungi (AMF) Microscopically in the Rhizosphere of Peanut Plants. *Open Science and Technology*, 3(2): 105-116.
- Syamsuri, S., Hastuti, H., Alang, H., & Hamdani, I. M. 2023. Etnobotani: Nilai Ekonomi Pemanfaatan Pisang (Musa Sp) Berbasis Kearifan Lokal pada Masyarakat Desa Puundoho Kecamatan Pakue Utara. *Oryza (Jurnal Pendidikan Biologi)*, 12(1): 13-23.
- Vizzini, A., Consiglio, G., & Setti, L. 2020. Testing Spore Amyloidity in Agaricales Under Light Microscope: The Case Study of Tricholoma. *IMA Fungus*, 11: 1-20.
- Walker C. 1983. Taxonomic Concepts in the Endogonaceae: Spore Wall Characteristics in Species Descriptions. *Mycotaxon* 18: 443-455.
- Yu, F., Goto, B. T., Magurno, F., Błaszkowski, J., Wang, J., Ma, W., Feng, H. & Liu, Y. 2022. *Glomus Chinense* and *Dominikia Gansuensis*, Two New Glomeraceae



**Analisis Jumlah dan Jenis Spora Jamur Mikoriza Arbuskular dari Tanah Perakaran Tanaman Pisang (Musa Paradisiaca L.)**  
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Species of Arbuscular Mycorrhizal Fungi from High Altitude in the Tibetan Plateau. *Mycological Progress*, 21(2) : 32.