

DAFTAR PUSTAKA

- Afrianto, W. F., Hikmat, A., dan Widyatmoko, D. 2016. Komunitas Floristik dan Suksesi Vegetasi Setelah Erupsi 2010 di Gunung Merapi Jawa Tengah (Floristic Community and Vegetation Succession after the 2010 Eruption of Mount Merapi Central Java). *Jurnal Biologi Indonesia*, 12(2): 265-276.
- Ah-Peng, C., Williamson, A. C., Strasberg, D., & Hédouin, J. 2017. The role of epiphytic bryophytes in interception and storage of precipitation in tropical montane forests. *Journal of Hydrology*, 548: 665–673.
- Ajayi S, Obi RL. 2015. Tree Species Composition, Structure and Importance Value Index (IVI) of Okwangwo Division, Cross River National Park, Nigeria. *International Journal of Science and Research*, 5(12): 85-87.
- Amalia NA. 2022. Keanekaragaman Lumut di Candi Plaosan Jawa Tengah. *Skripsi*. Universitas Gadjah Mada.
- Anesta, A.F., Fatman, A.F. and Sugandi, M., 2020. Zonasi Distribusi Tanaman Hutan di Taman Nasional Gunung Semeru Berdasarkan Integrasi Nilai Indeks Vegetasi dan Digital Elevation Model. *Jurnal Geosains dan Remote Sensing*, 1(2): 64-70.
- Bhandari, M., Tewari, S. D., & Rawat, K. K. 2023. *Plagiochila junghuhniana* (Marchantiophyta: Plagiochilaceae), new to Western Himalayan Bryoflora. *Nelumbo*, 157-159.
- Bawaihaty, N., Istomo & I. Hilwan. 2014. Keanekaragaman dan Peran Ekologi Bryophyta di Hutan Sesaot, Lombok, Nusa Tenggara Barat. *Silvikultur Tropika. Intitut Pertanian Bogor*, 5(1): 13 – 17.
- Belamkar, N.V. and Jadesh, M. 2014. A preliminary study on abundance and diversity of insect fauna in Gulbarga District, Karnataka, India. *International Journal of Science and Research*, 3(12): 1670-1675.
- Campos, L.V., Mota de Oliveira, S., Benavides, J.C., Uribe-M, J. and ter Steege, H. 2019. Vertical distribution and diversity of epiphytic bryophytes in the Colombian Amazon. *Journal of Bryology*, 41(4)328-340.
- Fanani MB, Afriyansyah, Haerida, I. 2019. Keanekaragaman Jenis Lumut (Bryophyta) Pada Berbagai Substrat di Bukit Muntai Kabupaten Bangka



- Selatan. *EKOTONIA: Jurnal Penelitian Biologi, Botani, Zoologi dan Mikrobiologi*, 4(2): 43-47.
- Glime, J. 2017. *Bryophyte Ecology Volume 1 Physiological Ecology Chapter 2*. Ebook sponsored by Michigan Technological University and the International Association of Bryologists.
- Gradstein, S.R. and da Costa, D.P. 2003. *The hepaticae and anthocerotae of Brazil* (Vol. 87, pp. 1-318). New York: New York Botanical Garden Press.
- Gradstein S.R. 2011. *Guide to the Liverworts and Hornworts of Java*. Southeast Asian Regional Center for Tropical Biology: Bogor.
- Gradstein, S. R. 2017. Diversity and distribution of hepaticopsida in tropical montane forests. *Bryophyte Diversity and Evolution*, 39(1), 45–60.
- Gradstein, S. R., Wilson, R., Ilkiu-Borges, A. L., & Heinrichs, J. 2014. A classification of Lejeuneaceae (Marchantiophyta) based on molecular and morphological evidence. *Phytotaxa*, 100(1): 6–20.
- Gusta, A. R., & Same, M. 2022. Micro climate modifications to increase growth and production of shrubs pepper. *In IOP Conference Series: Earth and Environmental Science*, 1012(1), 012027. <https://doi.org/10.1088/1755-1315/1012/1/012027>.
- Hayati, R., Benardi, A. I., & Zulfa, A. 2019. Penilaian Pengurangan Risiko Bencana Erupsi Gunung Merapi Berdasarkan Aspek Kapasitas Masyarakat di Kecamatan Selo Kabupaten Boyolali. *Jurnal Geografi: Media Informasi Pengembangan Dan Profesi Kegeografian*, 16(2): 105-110.
- He, X., Sun, Y., & Zhu, R. L. 2013. The oil bodies of liverworts: unique and important organelles in land plants. *Critical reviews in plant sciences*, 32(5): 293-302.
- Khotimah, K., Widodo. 2021. Bryophyte Diversity in Sawit Hiking Trails of Mount Andong, Magelang Regency. *Proceeding International Conference in Science and Engineering 4*, Februari 2021. pp: 90-94
- Kusmana, C. 2015. Makalah utama: keanekaragaman hayati (biodiversitas) sebagai elemen kunci ekosistem kota hijau. *Pros Sem Nas Masy Biodiv Indon*, 1(8): 1747-1755.



- Lianah, L., Kusumarini, N., Rochmah, F., Orsida, F., Mukhlisi, M., Ahmad, M. U., & Nadhifah, A. 2021. Bryophyte Diversity in Mount Prau, Blumah Village, Central Java. *Jurnal Biodjati*, 6(1), 23-35.
- Lee, G. E. 2013. A systematic revision of the genus *Lejeunea* Lib.(Marchantiophyta: Lejeuneaceae) in Malaysia. *Cryptogamie, Bryologie*, 34(4), 381-484.
- Majasalmi, T., & Rautiainen, M. 2020. The impact of tree canopy structure on understory variation in a boreal forest. *Forest ecology and management*, 466, 118100.
- Mägdefrau, K., 1982. Life-forms of Bryophytes. In: Smith AJE (ed). *Bryophyte Ecology*. 45-58. Chapman and Hall, London. https://doi.org/10.1007/978-94-009-5891-3_2
- Mandl NA, Kessler M, Gradstein SR. 2009. Effects of environmental heterogeneity on species diversity and composition of terrestrial bryophyte assemblages in tropical montane forests of southern Ecuador. *Plant Ecology & Diversity*, 2(3): 313-321.
- Manríquez, T. M. D., Ardiles, V., Promis, Á., Huertas Herrera, A., Soler, R., Lencinas, M. V., & Martínez Pastur, G. (2020). Forest canopy-cover composition and landscape influence on bryophyte communities in *Nothofagus* forests of southern Patagonia. *PLoS One*, 15(11), e0232922.
- Marhaento, H., & Faida, L. R. W. 2015. Risiko kepunahan keanekaragaman hayati di Taman Nasional Gunung Merapi: Tinjauan spasial. *Jurnal Ilmu Kehutanan*, 9(2): 101–115.
- Musyarofah. 2013. *Keanekaragaman lumut hati dan lumut tanduk pasca erupsi di Taman Nasional Gunung Merapi, Yogyakarta*. Institut Pertanian Bogor.
- Odum, F.P. 1983. *Principles of Ecology*. W.B. Saunders. Philadelphia
- Orsida, F. *et al.* 2024. 'Diversity and Distribution of Thalloid Liverworts in Mount Ungaran, Central Java, Indonesia', *Jurnal Riset Biologi dan Aplikasinya*, 6(2), pp. 90–108.
- Pasaribu, P. O., Prasetyo, A., Reforina, A., Ningrum, A. C., Rizky, M. H., Asharo, R. K., & Rizkawati, V. 2022. Komposisi dan keanekaragaman tumbuhan bawah



- di kawasan yang terkena dan tidak terkena erupsi di Taman Nasional Gunung Merapi, Yogyakarta. *Bioma*, 17(1): 37–46.
- Proctor, M. C. F. 2020. The role of bryophytes in volcanic ecosystems. *Journal of Bryology*, 42(2), 101–115.
- Shimamura, M. 2016. *Marchantia polymorpha*: taxonomy, phylogeny and morphology of a model system. *Plant and Cell Physiology*, 57(2), 230-256.
- Smith, R. M, K. Thompson., P. H. Warren., & K. J. Gaston. 2009. Urban domestic gardens (XIII): Composition of the bryophyte and lichen floras, and determinants of species richness. *Biological Conservation*. 143: 873–882.
- So, M. L. 2005. *Porella* (Porellaceae, Marchantiophyta) in Latin America. *New Zealand Journal of Botany*, 43(1), 301-321.
- Stagg, B.C., M.E. Donkin, A.M. Smith. 2014. Bryophytes for Beginners: The usability of a printed dichotomous key versus a multi-access computerbased key for bryophyte identification. *Journal of Biological Education*. p: 1-6.
- Stewart, K. J., & Mallik, A. U. 2006. Bryophyte responses to microclimatic edge effects across riparian buffers. *Ecological applications*, 16(4), 1474-1486.
- Stuber, SM.M. 2012. *The Secret Lives of Mosses : A Comprehensive Guide for Gardens*. Lulu.com. e-book.
- Sujadmiko H & Farabi AFA. 2023. Keanekaragaman dan distribusi lumut terrestrial di lereng selatan Gunung Lawu, Karanganyar, Jawa Tengah. *Jurnal Biologi Udayana*, 27(1): 1-13.
- Sujadmiko H & Vitara PE. 2021. *Tumbuhan Lumut di Kampus UGM*. Gadjah Mada University Press. Yogyakarta.
- Sukkharak, P., & Gradstein, S. R. 2014. A taxonomic revision of the genus *Mastigolejeunea* (Marchantiophyta: Lejeuneaceae). *Nova Hedwigia*, 99(3/4), 279-345.
- Sun SQ, Wu YH, Wang GX, Zhou J, Yu D, Bing HJ, Luo J. 2013. Bryophytes species richness and composition along an altitudinal gradient in Gongga Mountain, China. *PloS one*, 8(3): 1-10.
- Susantyo, J. M. 2011. *Inventarisasi keanekaragaman jenis tumbuhan di Kawasan Taman Nasional Gunung Merapi* [Tesis]. Institut Pertanian Bogor.



- Thiers, B. M. 1992. A re-evaluation of *Cheilolejeunea* subgenus *Xenolejeunea*. *Tropical bryology*, 5, 10-21.
- Toro Manríquez, M. D., Ardiles, V., Promis, Á., Huertas Herrera, A., Soler, R., Lencinas, M. V., & Martínez Pastur, G. 2020. Forest canopy-cover composition and landscape influence on bryophyte communities in *Nothofagus* forests of southern Patagonia. *PLoS One*, 15(11), e0232922.
- Váña, J. 1991. The bryophytes of Sabah (north Borneo) with special reference to the BRYOTROP transect of Mt. Kinabalu. XIII. Jungermanniaceae (Hepaticopsida, Jungermanniales). *Willdenowia*, 171-183.
- Wahidah, B.F., Murhadi, M., Rusmadi, R. and Janwar, Z. 2015. Pola Distribusi dan Keanekaragaman Jenis Pohon di Kebun Raya Lemor Kabupaten Lombok Timur, Nusa Tenggara Barat. In *Prosiding Seminar Nasional Biologi*, 1(1): 115-125.
- Winata, W. 2024. *Studi Keanekaragaman Tumbuhan Lumut di Lereng Tenggara, Gunung Merapi, Klaten, Jawa Tengah*. Universitas Gadjah Mada.
- Zechmeister, H. G., & Moser, D. 2001. The influence of agricultural land-use intensity on bryophyte species richness. *Biodiversity & Conservation*, 10: 1609-1625.