

## DAFTAR PUSTAKA

- Abdel-Hameed, U.K., Tantawy, M.E., Salim, M.A., Mourad, M.M., & Ishak, I.F. 2015. Phenetic analysis of morphological and molecular traits in, *Acanthaceae* Juss. *Journal of Biosciences and Medicines*, 3: 18-34.
- AL-Juhani, W., al Thagafi, N. T., & Al-Qthanin, R. N. 2022. Gene Losses and Plastome Degradation in the Hemiparasitic Species *Plicosepalus acaciae* and *Plicosepalus curviflorus*: Comparative Analyses and Phylogenetic Relationships among Santalales Members. *Plants*, 11(14): 1-24.
- Artanti, N., Firmansyah, T., & Darmawan, A. 2012. Bioactivities Evaluation of Indonesian Mistletoes (*Dendrophthoe pentandra* (L.) Miq.) Leaves Extracts. *Journal of Applied Pharmaceutical Science*, 2(1): 24-25.
- Ajithkumar, T. G., Thomas, S., & Mathew, L. 2021. Influence of hosts on the production of bioactive compounds in the hemiparasitic plant *Helicanthes elasticus*. *Environmental and Experimental Biology*, 1(2): 19.
- Backer, C. A., & Bakhuizen van den Brink, R. C. Jr. 1965. *Flora of Java II*. Netherland: Wolters- Noordhoff N.V.
- Barlow, B.A. 1967. *Loranthaceae*. In :C. Kalkman, D.W. Kirkup, H.P. Nootebom, P.F. Stevens, W.J.J.O. de Wilde (eds.). *Flora Malesiana*. Netherlands: Rijksherbarium/Hortus Botanicus.
- Barlow, B.A. 1990. *Biogeographical relationship of Australia and Malesia: Loranthaceae as a model*, In: Bass P, Kalkman C, Geesink R, e et al., editors, *The plant diversity of Malesia*. Netherlands: Kluwer, Dordrecht. Pp. 273-292.
- Barlow, B. A. .1997. *Loranthaceae*. In C. Kalkman, D. W. Kirkup, H. P. Nooteboom, P. F. Stevens, & W. J. J. O. de Wilde (Eds.), *Flora Malesiana. Ser.* Leiden: Rijksherbarium/Hortus Botanicus. Pp. 209-401.
- Clifford, H.T. 1976. *Dendrograms and their interpretation*. In W. T. Williams (Eds.). *Pattern analysis in agricultural science*. Amsterdam: C.S.I.R.O., Melbourne, and Elsevier. Pp 96-101.
- Clifford, H.T., & Williams, W.T. 1973. Classificatory dendrograms and their interpretation. *Australian J. Bot*, 21: 151-162.
- Davis, P.H., & V.H. Heywood. 1973. *Principles of Angiospermae Taxonomy*. Robert E. New York: Kreiger Publishing Company. P. 113-119
- Dlama T.T., Oluwagbemileke, A.S., & Enehezeyi, A.R. 2016. Mistletoe presence on five tree species of Samaru area, *Nigeria. Afr J Plant Sci*, 10 (1): 16-22.
- Fahn, A. 1995. *Anatomi Tumbuhan*. Yogyakarta: Gadjah Mada University Press.
- Fajar, M.T.I., Purnomo., & Handayani, N.S.N. 2016. Hubungan Kekerabatan Fenetik *Lycopersicon esculentum* Mill. Kultivar Betavila F1, Fortuna F1 dan Tymoti F1 Berdasarkan Tingkat Kesamaan Fenotip, *Biota*, 1(2): 91-97.

- Fitter ,A.H., & Hay, R.K.M. 1991. *Fisiologi Lingkungan Tanaman Diterjemahkan oleh Sri Andani dan E.D. Purbayanti. Editor B.Sri Gandono.* Yogyakarta: Gadjah Mada University Press.
- Griebel A, Watson D, & Pendall, E. 2017. Mistletoe, friend and foe: synthesizing ecosystem Implications of mistletoe infection. *Environ Res Lett*, 12: 1150121.
- Guna, A. V., & Purnomo. 2021. Variation and Phenetic Relationship of Tumeric Accessions in Yogyakarta and Surrounding Areas. *Jurnal Penelitian Saintek*, 26(1): 35-36.
- Guo, X., & Ruan, Z. 2019. Characterization of the complete plastome of *Dendrophthoe pentandra* (Loranthaceae), a stem hemiparasite. *Mitochondrial DNA Part B: Resources*, 4(2): 3099–3100.
- Haliapas, S., Yupsanis, T.A., Syros, T.D., Kofidis, G., & Economou, A.S. 2008. *Petunia x hybrida* during transition to flowering as affected by light intensity and quality treatments. *Acta Physiol. Plant*, 30: 807–815.
- Hardjosuwarno, S. 1990. *Ekologi Tumbuhan*. Yogyakarta: Fakultas Biologi, UGM.
- Harrison, R.M. 2006. Variation within species: Introduction. *Encyclopedia of Life Sciences*, 1-7. <https://doi.org/10.1038/npg.els.0004161>.
- Haryanta, D., Susilo, A., & Kusuma, W.H. 2020. Effect of mango's mistletoe (*Dendrophthoe pentandra* (L.) Miq.) leaf extract on the biology of *Spodoptera litura* F. *Eco. Env. & Cons*, 26 (2): 471-479.
- Haryanti, S. 2010. Pengaruh Naungan yang Berbeda terhadap Jumlah Stomata dan Ukuran Porus Stomata Daun *Zephyranthes Rosea* Lind. *Buletin Anatomi dan Fisiologi*, 18(1): 41-48.
- Hasanbari, S., Marsono, D.J., Hardiwinoto, S., & Sadono., R. 2014. Infestation of mistletoe on several ages of plantation in Begal Forest Sub-District, Ngawi Forest District, East Java. *J. Human Environ*, 21 (2): 195-201.
- Huaxing, Q., Hua-hsing, C., Hua-xing, K., & Gilbert, M. G. 2003. *Loranthaceae*. In Z. Wu & P. Raven (Eds.), *Flora of China* 5. Beijing. RRT: Missouri Botanical Garden Press. Pp. 220-239.
- Irving, L.J., & Cameron, D.D. 2009. You are what you eat: interactions between root parasitic plants and their hosts. *Adv Bot Res*, 1 (50): 87-138.
- Ishiwu, C.N., Obiegbuna, J.E., & Aniagolu, N.M. 2013. Evaluation of Chemical Properties of Mistletoe Leaves from Three Different Trees (Avocado, African Oil Bean and Kola). *NIFOJ*. 31(2): 1–7.
- Jamilah, C., Waluyo, B., & Kurniawan, A. 2011. Parameter genetik akses tanaman kerabat liar ubi jalar koleksi Universitas Padjajaran untuk peningkatan genetik dan sumber perbaikan karakter ubi jalar. Makalah. In Seminar Nasional Pemuliaan Berbasis Potensi dan Kearifan Lokal Menghadapi Tantangan Globalisasi. Kerjasama Peripi Komda Banyumas dan Lembaga Penelitian dan Pengabdian kepada Masyarakat Universitas Jenderal Soedirman, Purwokerto, 8-9 Juli 2011.
- Jones, S.B. Jr. & A. Luchsinger. 1986. *Plant Systematicss*. New York: McGraw Hill Book Company. P. 587.
- Jordano P. 2000. *Fruits and frugivory*. In: Panner, M. 2nd edition *Seeds: the ecology of regeneration in plant communities*. Wallingford, Oxfordshire, UK: CABI Publishing. Pp. 125-165.

- Kazandjian, A. 2011. A morphometric analysis of *Struthanthus phillyreoides* and *S. dichotrianthus* (Loranthaceae) suggests these represent one single variable species. *Journal of the Torrey Botanical Society*, 138(1): 1–15.
- Krebs, C.J.. 1989. *Ecological Methodology*. New York: Harper and Row.
- Kumar, K. N. S., Maruthi, K.R., Alfarhan, A.H., Rajakrishnan, R., & Thomas, J. 2015. Molecular fingerprinting of *Helicanthus elastica* (Desr.) Danser growing on five different hosts by RAPD. *Saudi Journal of Biological Sciences*, 23(3):2-6.
- Kuijt, J., 1969. *The Biology of Parasitic Flowering Plants*. Berkeley: University of California Press.
- Kolodziejek, J., Patykowski, J., & Kolodziejek, R. 2013. Distribution frequency and host patterns of European mistletoe (*Viscum album* subsp. *album*) in the major city of Lodz. *Poland Biol*, 68(1): 55-64.
- Luo Y, Sui Y, Gan J, Zhang L. 2016. Host compatibility interacts with seed dispersal to determine small-scale distribution of mistletoe in Xishuangbanna, southwest China. *J Plant Ecol*, 9(1): 77-86.
- Little, R. J., & Jones, C.E. 1996. *Kamus Botani. Disadur oleh Suryo Susanto*. Semarang: Dahara Prize.
- Mabberley, D.J. 2017. *Mabberley's Plant Book. A Portable Dictionary of Plants, their classification and uses*. UK : Cambridge University Press.
- Macedo, A.F., Leal-Costa, M.V., Tavares, E.S., Lage, C.L.S., & Esquibel, M.A. 2011. The effect of light quality on leaf production and development of in vitro-cultured plants of *Alternanthera brailiana* Kuntze. *Environmental and Experimental Botany*, 70: 43-50.
- Martawijaya, A. 1989. *Atlas Kayu Indonesia jilid 2*. Bogor: Balai Penelitian Hasil Hutan Indonesia.
- Marvibaigi, M., Supriyanto, E., Amini, N., Majid, F.A.A., & Jaganathan, S.K. 2014. Preclinical and Clinical Effects of Mistletoe against Breast Cancer. *BioMed Research International*, 2014: 1-15.
- Monica, E., Bolanos, Q., Gonzalez, E.J., Martorell, C., & Santana, Z.C. 2017. Competition and facilitation determine dwarf mistletoe infection dynamics. *J Ecol*, 105(3): 775-785.
- Muttaqin, Z., Budi, S.RW., Wasis, B., Corryanti., & Siregar, I.Z. 2017. DNA Barcode Characterization of Mistletoe Infestation in Teak Clonal Seed Orchard (CSO) in Padangan, East Java Province, Indonesia. *Biotropia*, 24(2): 140-152.
- Naik, V. N. 2006. *Taxonomy of angiosperms*. New Delhi: Tata McGraw-Hill Publishing Company Limited.
- Nickrent, D.L. 2002. *Parasitic Plants of the World. Chapter 2*. In: JA López-Sáez, P Catalán and L Sáez (Eds.). *Parasitic Plants of the Iberian Peninsula and Balearic Islands*. Madrid: Mundi-Prensa. Pp. 7-22.
- Nickrent, D. L., Malécot, V., Vidal-Russell, R., & Der, J. P. 2010. A revised classification of Santalales, *Taxon*, 59(2): 538–558.
- Norton, D.A., Hobbs, R.J., & Atkins, L. 1995. Fragmentation, disturbance, and plant distribution: Mistletoes in Woodland Remnants in the Westren Australia Wheatbelt. *Conservation Biology*, 9(2):426.

- Osadolor, H.B., & Ojewe, D.D. 2014. Aqueous extracts of African mistletoe (*Loranthus bengwensis*) leaves exert hypoglycaemic effects in normal rabbits. *Biokemistri*, 26(3): 85–87.
- Partasasmita R. 2009. *Komunitas Burung Pemakan Buah di Panaruban, Subang: Ekologi Makandan Penyebaran Biji Tumbuhan Semak*. Dissertation. Institut Pertanian Bogor, Bogor.
- Pratama, B.D.K.A. 2021. Variasi dan Analisis Fenetik Garut (*Maranta arundinacea* L.) di Yogyakarta Berdasarkan Karakter Morfologis, Anatomis Daun, dan Molekuler Menggunakan Analisis ISSR. Dissertation. Fakultas Biologi, Universitas Gadjah Mada, Yogyakarta.
- Purnama, E., Mulyaningsih, T., & Aryanti, E. 2016. Keragamabn Jenis Benalu Anggota Familia Loranthaceae di Kebun Raya Lombok. *BioWallacea Jurnal Ilmiah Ilmu Biologi*, 2(2): 116-120.
- Purnomo. 2013. Biosistematika Tanaman Uwi (*Dioscorea alata* L.) dan Spesies Kerabat Dekatnya di Indonesia Berdasarkan Penanda Morfologis, Anatomis, dan Molekuler [Biosystematics of Uwi Plant (*Dioscorea alata* L.) and its Close Relative Species in Indonesia Based on Morphological, Anatomical, and Molecular Markers]. Dissertation. Fakultas Biologi UGM, Yogyakarta.
- Putra, I.L.I., & Nurlaily, N.A. 2021. Asosiasi Jenis-Jenis Burung di Kemantren Kraton, Ngampilan, dan Gondomanan, Kota Yogyakarta, Biotropika: *Journal of Tropical Biology*, 9(2): 106-108.
- Radford, A.E. 1986. *Fundamental of Plant Systematics*. New York: Harper and Row. Pp. 240-247.
- Rinri, R.C., & Titrawani. 2019. Variasi Morfometrik Bufo *Melanostictus Schneider* (1799) di Kawasan Perkebunan Kelapa Sawit di Kecamatan Peranap, Kabupaten Indragiri Hulu. Repository Universitas Riau. Pp. 1-10.
- Salim, Z., & Munadi E. 2017. *Info Komoditi Tanaman Obat*. Badan Pengkajian dan Pengembangan Perdagangan Kementerian Perdagangan Republik Indonesia, Jakarta. P. 91.
- Salisbury, F.B., dan C.W. Ross. 1992. *Plant Physiology* 4th edition. Wardsworth Publishing Co.. Belmont. California
- Saragih, A.A. n.d. Pengukuran Ragam (Variabilitas). (<http://adelinaustraliatisaragih.blog.uma.ac.id/wp-content/uploads/sites/655/2020/09/P8-variabilitas-1.pdf>) Diakses pada 21 Desember 2022.
- Sembiring, H. B., Lenny, S., & Marpaung, L. 2016. Aktivitas antioksidan senyawa flavonoida dari daun benalu kakao (*Dendrophthoe pentandra* (L.) Miq.). *Chimica et Natura Acta*, 4(3): 117.
- Sindunesia. n.d. Peta Yogyakarta. (<https://sindunesia.com/peta-yogyakarta/>) diakses pada 12 Juni 2022.
- Shintu, P.V., Radhakrishnan, V.V., & Mohanan, K.V. 2017. Factor analysis in *Maranta arundinacea* L. *International Journal of Current Advanced Research*, 6(11): 7328-7331.
- Sneath, H.A.P., & Sokal, R. 1973. *Principle of Numerical Taxonomy*. London: The University of Kansas and Natural Institute for Medical Research. P. 110.

- Simbolon, H., Ishak, S., & Darmawan, A. S. 1992. *Biologi*. Jakarta: Penerbit Erlangga.
- Singh, G. 2010. *Plant Systematics An Integrated Approach. Third Ed.* New Delhi, India: Science Publisher, Enfield, NH, USA An Imprint of Edenbridge Ltd, British Channel Islands.
- Singh, L.J., Kumar, B., and Rajan, V. 2016. Identity of *Dendrophthoe glabrescens* (Loranthaceae) and its new distributional range in India. *Bionature*, 35(1): 3-7.
- Singh, L.J., & Maurugan, C. 2013. Genus *Dendrophthoe* Mart. (Loranthaceae) from Bay Island with a new record for India and inventory of hosts species. *Geophytology*, 43(1): 41-49.
- Singh, L. J., Ranjan, V., Rasingam, L., & Swamy., J. 2020. A new species of genus *Dendrophthoe* Mart. (Loranthaceae-Loranthaceae) from the Peninsular India. *Journal of Asia-Pacific Biodiversity*, 13(3): 487-493.
- Solikin. 2017. Diversity of parasitic plants and their hosts in Kepala Jeri and Pemping agroforestry Batam Indonesia. *J Biol Res* 23(1): 45-52.
- Solikin. 2021. Population dynamics of mistletoes species on cassia fistula in purwodadi botanic garden, Indonesia. *Biodiversitas*, 22(4), 1612-1620.
- Solikin, S. 2020. Infestation of mistletoe *Dendrophthoe pentandra* (L.)Miq on various canopy shading and plants diversity in Purwodadi Botanic Garden: A study on medicinal plant *Cassia fistula* L. *Berkala Penelitian Hayati*, 26(1): 1-7.
- Sunaryo, Rachman, E., & Uji, T. 2006. Kerusakan morfologi tumbuhan koleksi Kebun Raya Purwodadi oleh benalu (Loranthaceae dan Viscaceae). *Berita Biologi*, 8(2): 129-139.
- Sunaryo, S. 2008. Pemasaran Benalu *Dendrophthoe pentandra* (L.) Miq. pada Tanaman Koleksi Kebun Raya Cibodas, Jawa Barat, *Jurnal Natur Indonesia*, 11(1): 48.
- Suratman., Priyanto, D., & Setyawan, A.D. 2000. Analisis Keragaman Genus *Ipomoea* berdasarkan Karakter Morfologi. *Jurnal Biodiversitas*, 1(2): 72-79.
- The Plant List. n.d. *Dendrophthoe pentandra* (L.) Miq.. (<http://www.theplantlist.org/tpl1.1/record/kew-2760950>) Diakses pada 22 Juni 2022.
- Teodoro, G.S., Berg, V.D.E., & Arruda, R. 2013. Metapopulation dynamics of the mistletoe and its host in savanna areas with different fire occurrence. *PloS ONE*, 8 (6): 1-7.
- Tinungki, M. M., & Pontoh, J. 2018. Analisis komponen kimia pada berbagai tingkat perkembangan daun benalu langsung (*Dendrophthoe pentandra* (L.) Miq.) menggunakan metode kromatografi gas. *Pharmakon*, 7(4): 108-114.
- Tioline, N. W., Sinulingga, S., Subandrate, S., Fatmawati, F., & Safyudin, S. 2021. Efek inhibisi infusa daun benalu kersen (*Dendrophthoe pentandra* (L.) Miq.) terhadap enzim alfa-glukosidase. *Jurnal Teknik Kimia*, 27(3): 82-87.
- Trisanti, I., & Bodhi, W. 2013. Uji Efek Hepatoprotektor Ekstrak Etanol Daun Benalu Langsung (*Dendrophthoe pentandra* (L.) Miq.) terhadap Kadar Malondialdehid (MDA) pada Hati Tikus Putih Jantan Galur Wistar



- yang Diinduksi Karbon Tetraklorida (CCl<sub>4</sub>). In *PHARMACON Jurnal Ilmiah Farmasi-UNSRAT*, 2(3): 76-80.
- Uji, T., Sunaryo., & Rachman, E. 2007. Keanekaragaman Jenis Benalu Parasit pada Tanaman Koleksi di Kebun Raya Eka Karya, Bali, *Berk. Penel. Hayati*: 13 : 1–5.
- Vidal-Russell, R., & Nickrent, D. L. 2008. Evolutionary relationships in the showy mistletoe family (Loranthaceae). *American Journal of Botany*, 95(8), 1015–1029.
- Weier, T. E. 1982. *Botany: An Introduction to Plant Biology*. Singapore: John Willey and Sons.
- Weihan, R.A., Zulkarnain., & Lizawati. 2020. Identifikasi Keragaman Karakter Morfologi Tanaman Pisang (*Musa* spp.) Wilayah Daratan di Kabupaten Tanjung Jabung Timur. *AGROSCRIPT*, 2(2): 67-78.
- Wiley, J., & Inc., Sons. 2003. *Plant Nomenclature and Taxonomy: An Horticultural and Agronomic Perspective*, *Horticultural Reviews*, 28: 3-21.
- Wongkar, J. S., Runtuwene, M. R. J. and Abidjulu, J. 2015. Uji Toksisitas Ekstrak Daun Benalu Langsung (*Dendrophthoe pentandra* (L) Miq.) dengan Metode Brine Shrimp Lethality Test (BSLT) LC50, *Jurnal MIPA*, 4(2): 157.
- Yatim, W. 1987. *Genetika*. Bandung: Penerbit Tarsito. Pp. 73-75.
- Yee, L.S., Fauzi, N.F.M., Najihah, N.N, Daud, N.M., & Sulain, M.D. 2017. Study of *Dendrophthoe pentandra* Ethyl Acetate Extract as Potential Anticancer Candidate on Safety and Toxicity Aspect, *Journal of Analytical & Pharmaceutical Research*, 6(1): 1-11.
- Yismairai, E., Hemelda, N. M., Yasman, & Handayani, W. 2019. Antioxidant activity of extract of Mistletoe, *Dendrophthoe pentandra* (L.) Miq. lived in three different host plants, collected from Kampus UI, Depok. *AIP Conference Proceedings*, 2168. <https://doi.org/10.1063/1.5132527>
- Yuda, I. P., Aryenti, A., & Juniarti, J., 2019. Aktivitas Inhibitor  $\alpha$ -Glukosidase Ekstrak Daun *Toona sureni* (Bl.) Merr. sebagai Antihiperglikemik, *Majalah Kesehatan Pharmamedika*, 10(2): 63-69.