

DAFTAR PUSTAKA

- Afandhie Rosmarkam dan Nasih Widya Yuwono, 2002. Ilmu Kesuburan Tanah. Yogyakarta: Penerbit Kanisius
- Alikodra H. S., 2002. Pengelolaan Satwa Liar. Fakultas Kehutanan Institut Pertanian Bogor. Bogor.
- Agus F. dan Subiksa I., 2008. Lahan Gambut: Potensi untuk Pertanian dan Aspek Lingkungan. Balai Penelitian Tanah dan World Agroforestry Centre (ICRAF), Bogor.
- Anwar J., S.J. Damanik, N. Hisyam, A.J. Whitten, 1984. Ekologi Ekosistem Sumatra. Gadjah Mada Univ. Press. Yogyakarta. Hal 245-251
- Anonimous, 2008. Kamus Pemuliaan Pohon. Direktorat Perbenihan Tanaman Hutan. Direktorat Jenderal Rehabilitas Hutan dan Lahan. Jakarta
- Anonim, 2006. Isoenzim. <http://id.wikipedia.org/wiki/Isoenzim>. Diakses Tanggal 17 Mei 2006 pukul 11.30 WIB
- _____, 2006. Penanda Genetik. http://id.wikipedia.org/wiki/Penanda_genetik. Diakses Tanggal 17 Mei 2006 pukul 11.30 WIB.
- Barbour MG, Burk JH, and Pitts WD., 1987. Menlo Park, CA: The Benjamin/Cummings Publishing Company.
- Berger WH, Parker FL., 1970. Diversity of Planktonic foraminifera in deep sea sediments. Science 168:1345– 1347
- Bruenig E.F., 1991. Kerangas and Kerapah forests of Sarawak and 1968: Der Heidewald vom Sarawak und Brunei.
- Buchholz J. T., 1949. Additions to the coniferous flora of New Caledonia. *Bull. Mus. Natl. Hist. Nat. (Paris)*, Sér. 2, 21(2):279–286. Available: Biodiversity Heritage Library, accessed 2020.02.10.
- Buckley J. W. B., Capilla B. R., Maimunah S., Adul, Armadiyanto, Boyd N., Cheyne S. M., Iwan, Husson S. J., Santiano, Salahudin, Ferisa A., Namaskari N., Van Veen, F., & Harrison M. E., 2018. Biodiversity, forest structure and conservation importance of the Mungku Baru education forest, Rungan, Central Kalimantan, Indonesia. Borneo Nature Foundation Internal Report.
- Buckman dan Brandy, Terjemahan Sugiman, 1982. Ilmu Tanah. Bhatara Karya Aksara. Jakarta. 788 Halaman
- Butcher P. A., Moran G. F., & Perkins H. D., 1996. Genetic Resources and Domestication of *Acacia mangium*. In M. J. Dieters, A. C. Matheson, D. G. Nikles, C. E. Hardwood, & S. M. Walker (Eds.). *Tree Improvement for*

- Cahyarini, Rita Dewi, Ahmad Yunus. Edi Purwanto., 2004. Identifikasi Keragaman Genetik Beberapa Varietas Lokal Kedelai di Jawa Berdasarkan Analisis Isozim. *Agrosains* 6(2) : 79-83.
- Clark D.B., M.W. Palmer, dan D.A. Clark., 1999. Edaphic factors and the landscape-scale distributions of tropical rain forest trees. *Ecology* 80 (8): 2662-2675.
- Crow J.F. dan Kimura, M., 1970. An introduction in Population Genetics Theory. Harper and Row, New York
- Daubenmire, R., 1968. A Canopy-Coverage Method of Vegetational Analysis. *Northwest Science*, 33, 43-64.
- Dawson dan Chamberlain, 1996. Molecular Analysis of Genetic Variation. Oxford Forestry Institute, United Kingdom.
- De Laubenfels, David J., 1988. Coniferales. P. 337-453 in Flora Malesiana, Series I, Vol. 10. Dordrecht: Kluwer Academic. Available: Biodiversity Heritage Library, accessed 2022.12.23
- Dinh Duy Vu¹, Quoc Khanh Nguyen dan Mai Phuong Pham, 2021. Genetic structure in natural populations of *Dacrydium elatum* (Roxb.) Wall. (Podocarpaceae) in the Central Highlands of Vietnam inferred by Microsatellites. *E3S Web of Conferences* **265**, 01030 (2021) APEEM 2021 <https://doi.org/10.1051/e3sconf/202126501030>
- Etikawati N. dan Suratman, 2008. Keragaman genetik Ganyong (*Cana edulis* Ker.) di Wilayah Surakarta berdasarkan morfologi dan pola pita isoenzim. *Bioteknologi* 13 (1) : 18-33 Mei 2016 ISSN 0216-6887 EISSN : 2301-8658 DOI 10.1307/biotek/c130103.
- Farjon A., dan Filer D., 2013. An atlas of the world's conifers: an analysis of their distribution, biogeography, diversity and conservation status. Brill.
- Farjon A., 2013. *Dacrydium beccarii*. The IUCN Red List of Threatened Species 2013: e.T42447A2980953. <https://dx.doi.org/10.2305/IUCN.UK.2013-1.RLTS.T42447A2980953.en>. Downloaded on 12 December 2021
- Farjon A., 2013. *Dacrydium xanthandrum*. The IUCN Red List of Threatened Species 013: e.T42474A2981605. <https://dx.doi.org/10.2305/IUCN.UK.2013-1.RLTS.T42474A2981605.en>. Downloaded on 12 December 2021.
- Farjon A., 2013. *Dacrydium xanthandrum*. The IUCN Red List of Threatened Species 2013: e.T42474A2981605. <https://dx.doi.org/10.2305/IUCN.UK.2013-1.RLTS.T42474A2981605.en>. Downloaded on 23 July 2021.

Finkeldey R., 2005. An Introduction to tropical forest genetics, Intitute of Forest Genetics and Forest tree Breeding, Georgia-August-University Gottinggen, Busgenweg 2, D-37077 Gottingen, Germany. Gardner. E.J., M.J. Simmons, D.P. Snustad. 1991. Principles of Genetics (Eight Edition). John Willey and Sons, New York.

Foth H. dan Ellis Boyd, 1997. Soil Fertility. Edition 2nd Edition First Published 1997. eBook Published 30 June 2020. Pub. Location Boca Raton. Imprint CRC Press. DOI <https://doi.org/10.1201/9780203739341>. Pages 304 eBook ISBN 9780203739341. Subjects Earth Sciences

Frankham R., 2005. Genetic and Extinction. Biological Conservation, 126, 131-140. <https://dx.doi.org/10.1016/j.biocon.2005.05.002>

Frankham R., Barry W. Brook, David W. Tonkyn, Julian J. O'Grady., 2002. Introduction to Conservation Genetics. Genetic stochasticity encompasses inbreeding depression, loss of genetic diversity, and mutational accumulation. DOI: [10.1017/CBO9780511808999](https://doi.org/10.1017/CBO9780511808999). ISBN: 9780521639859.

Gardner. E.J., M.J. Simmons, D.P. Snustad., 1991. Principles of Genetics (Eight Edition). John Willey and Sons, New York.

Gibbs H., 2010. Tropical forests were the primary sources of new agricultural land in the 1980s and 1990s. Proc. Natl Acad. Sci. USA 107 , 16732–16737 (2010) Author: Jonathan A. Foley, Navin Ramankutty, Kate A. Brauman, Emily S. Cassidy, James S. Gerber, Matt Johnst. Publish Year: 2011

Glaubitz J.C. dan G.F. Moran., 2000. Genetic Tools : The Use of Biochemical and Molecular Markers dalam Young, A., D. Boshier dan T. Boyle. 2000. Forest Conservation Genetics Principle and Practice. CSIRO Publishing, Australia.

Gamito S., 2010. Caution is needed when applying Margalef diversity index. Elsevier journal vol : 10 : 2. <https://doi.org/10.1016/j.ecolind.2009.07.006>

Hakim N., Yusuf Nyakpa, A.M. Lubis, S. G. Nugroho, Rusdi Saul, Amin Diha, Go Bang Hong, H.H. Bailey, 1986. Dasar-dasar Ilmu Tanah. Universitas Lampung. 448 hal.

Hamrick J.L., Mary Jo W. Godt, Susan L. Sherman-Broyles, 1992. Factor Influencing Levels of Genetic Diversity in Woody Plant Species. dalam Adams. W.T., S.H. Strauss, D.L. Copes, A.R. Griffin, 1992. Population Genetics of Forest Trees. Kluwer Academic Publishers, London.

Hamric J.L. dan MJW. Godt., 1996. Conservation genetic of endemic plant species. In J.C. Avise and J.L. Hamrick (eds), Conservation genetics: case histories from nature , 281-304. Chapman and Hall, London, UK.

Hanafiah A.K., 2005. Dasar – Dasar Ilmu Tanah. Raja Grafindi Persada. Jakarta.

Haodong Liu, Qiao Chen, Yongfu Chen, Zhiyang Xu, Yunchuan Da Yang Liu, Yi Jiang, Xi Peng, Huayu Li, Juan Wang, Hua Liu, 2020. Effects of biotic/abiotic factors on the seedling regeneration of *Dacrydium pectinatum* formations in tropical montane forests on Hainan Island, China. Elsevier. Global Ecology and Conservation. November 2020.

Haodong Liu, Qiao Chen, Xiao Liu, Zhiyang Xu, Yunchuan Dai, Yang Liu, Yongfu Chen, 2020. Variation patterns of plant composition/diversity in *Dacrydium pectinatum* communities and their driving factors in a biodiversity hotspot on Hainan Island, China Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>)

Hardiyanto E.B., 2010. *Pemuliaan Pohon Lanjut*. Modul Bahan Ajar. Program Studi Ilmu Kehutanan. Sekolah Pasca Sarjana Universitas Gadjah Mada. Yogyakarta.

Haryjanto L., 2009a. Keragaman genetik cendana (*Santalum album* Linn.) di Kebun Konservasi Ex Situ Watusipat, Gunungkidul, dengan penanda isozim. Jurnal Pemuliaan Tanaman Hutan Vo. 3 No. 3, 127-128.

Haryjanto L., 2009b. Keragaman genetik cendana (*Santalum album* Linn.) dari Kepulauan Nusa Tenggara Timur di Kebun Konservasi Ex Situ Watusipat Gunungkidul dan ras lahan Wanagama. Tesis. Pasca Sarjana Ilmu Kehutanan. Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta. Tidak dipublikasikan.

Hardiyanto E.B., 2000. Genetik dan Strategi Pemuliaan Acacia mangium. Prosiding Seminar Nasional Status Silvikultur. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta.

Hardiyanto E.B., 2007. Uji Keturunan. Bahan Kuliah Sekolah Pasca Sarjana Program Studi Ilmu Kehutanan Universitas Gadjah Mada. Jogjakarta

Hardjowigeno S., 1985. Dasar-Dasar Ilmu Tanah. PT. Medyatama Sarana Perkasa. Jakarta
Hardjowigeno, S. (1995). Suitability of Indonesian peat soils for agriculture development. In Biodiversity and Sustainability of Tropical Peatland. Proceedings of the International Symposium on Biodiversity, Environmental Importance and Sustainability of Tropical Peats and Peatlands. Palangka Raya (pp. 4-8)

Hardjowigeno S., 1985. Dasar-Dasar Ilmu Tanah. PT. Medyatama Sarana Perkasa. Jakarta

Hardjowigeno H. S., 1994. Generasi dan Klasifikasi Tanah. Jakarta: Akademika Pressindo. 278 hal

Hardjowigeno S., 1995. Suitability of Indonesian peat soils for agriculture development. In Biodiversity and Sustainability of Tropical Peatland. Proceedings of the International Symposium on Biodiversity, Environmental

- Hardjowigeno, 1995. Ilmu Tanah. Diperoleh dari http://acehpedia.org/Mengevaluasi_Status_Kesuburan_Tanah pada hari Jumat, 4 Maret 2011
- Hardjowigeno S., 2003. Klasifikasi Tanah dan Pedogenesis. Akademika Pressindo, Jakarta.
- Hardjowigeno S., dan Widiatmaka, 2007. Evaluasi kesesuaian lahan & perencanaan tataguna lahan. Gadjah Mada University Press
- Hardjowigeno S., 2010. *Ilmu Tanah*. Penerbit Akademika. Pressindo : Jakarta
- Hasnah T.M., 2005. Keragaman genetik *Shorea leprosula* Miq. Populasi Kalimantan pada lima pertanaman Konservasi Ex-situ berdasarkan Analisis Isoenzim. Skripsi S1 (tidak dipublikasikan) Fakultas Kehutanan UGM Yogyakarta.
- Huang L, Deng Q, Li N, Su YJ, dan Wang T, 2014. A set of Microsatellite Marker Developed for *Dacrydium pectinatum* (Podocarpaceae). a Vulnerable Conifer in China. Conservation Genetics Resources, 2014. Volume 6 number 1.
- Haodong Liu, Qiao Chen, Yongfu Chen, Zhiyang Xu, Yunchuan Da Yang Liu, Yi Jiang, Xi Peng, Huayu Li, Juan Wang. Hua Liu, 2020. Effects of biotic/abiotic factors on the seedling regeneration of *Dacrydium pectinatum* formations in tropical montane forests on Hainan Island. China. Elsevier. Global Ecology and Conservation. November 2020.
- Hilwan I., 1996. *Ekologi dan Diversity Ekosistem Hutan Tropika Indonesia*. Bogor: Pusat Pengkajian Keanekaragaman Hayati, Institut Pertanian Bogor.
- Hilmi E., Siregar A. S., dan Febryanni L., 2015. Struktur Komunitas, Zonasi dan Keanekaragaman Hayati Vegetasi Mangrove di Segara Anakan Cilacap. *Omni-Akuatika* 11(2): 20–32. DOI: 10.20884/1.oa.2015.11.2.36
- Hilwan I., 1996. *Ekologi dan Diversity Ekosistem Hutan Tropika Indonesia*. Bogor: Pusat Pengkajian Keanekaragaman Hayati, Institut Pertanian Bogor.
- Huda dan Suriadikarta, 2006. Indikator dalam Penentuan Kualitas Bahan Organik. Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian. Bogor.
- Hutchinson T.F., R.E.J. Boerner, L. R. Iverson, S. Sutherland dan E.K.Sutherland, 1999. Landscape patterns of understory composition and richness across a moisture and nitrogen mineralization gradient in Ohio(USA) *Quercus* forests. *Plant Ecology* 144: 177-189
- Indriani F.C., 2002. Keragaman Genetik Plasma Nutfah Kenaf (*Hibiscus cannabinus* L.) dan Beberapa Spesies yang Sekerabat Berdasarkan Analisis Isozim.

- Indrianto, 2008. *Pengantar Budi Daya Hutan*. Bandar Lampung: Bumi Askara.
- Indrioko S., 1996. Studi Variasi Genetik *Pinus merkusii* Jungh. Et de Vriese di Pulau Jawa dengan Metode Analisis Isozim. Tesis S2 (tidak dipublikasikan). Fakultas Kehutanan UGM, Yogyakarta.
- _____, 2006. Diktat Perkuliahan Pemuliaan Pohon II. Fakultas Kehutanan UGM, Yogyakarta. Tidak dipublikasikan.
- Indrioko S., 2007. *Bioteknologi Untuk Pemuliaan Pohon*. Modul Bahan Ajar. Program Studi Ilmu Kehutanan. Sekolah Pasca Sarjana Universitas Gadjah Mada. Yogyakarta.
- Indrioko, S., 2020. Materi Kuliah Genetika Ekologi. Fakultas Kehutanan universitas Gadjah Mada.
- Irmawati M.A.S., 2007. Keragaman genetik cendana (*Santalum album* Linn.) dari 2 provenan dan 2 ras lahan di Wanagama I dengan analisis isozim. Skripsi. Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta. Tidak dipublikasikan
- Istomo, 2006. Kandungan Fosfor dan Kalsium pada Tanah dan Biomassa Hutan Rawa Gambut (Studi Kasus di Wilayah HPH PT. Diamond Raya Timber, Bagan Siapi-api, Provinsi Riau). *Jurnal Manajemen Hutan Tropika*, 12(3). Retrieved from <https://journal.ipb.ac.id/index.php/jmht/article/view/2912>
- Istomo, Hardjanto, S. Rahaju, E. Permana, Suryawan, S.I. Hidayat, dan A. Waluyo, 2006. Monitoring dan evaluasi delineasi potensi areal proyek karbon dan pendugaan cadangan karbon di wilayah kajian Taman Nasional Berbak dan buffer-zone, Provinsi Jambi dan areal eks-PLG, Provinsi Kalimantan Tengah. Laporan kerja sama penelitian Fakultas Kehutanan IPB dan Wetland International, Bogor
- Journal of Tropical Ecology. 13(5). 775-776. doi:10.1017/S0266467400010944
- Kartikawati N.K., 1996. Pewarisan Pola Berkas Jaringan Megagametofit *Pinus merkusii* Jungh. Et. de Vriese dengan Menggunakan Metode Isozim. skripsi S1. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta. (Tidak dipublikasikan)
- Kartikawati, 1998. Studi Variasi Genetik *Pinus merkusii* Jungh. Et de Vriese Pada Hutan Alam di Aceh dan Hutan Tanaman di Jawa dengan Metode Analisis Isozim. Tesis (tidak dipublikasikan). Fakultas Kehutanan UGM, Yogyakarta.
- Kew Science Royal Botany Garden. Plants of The World Online. [Plants of the World Online](https://www.kew.org/plants-of-the-world) | Kew Science downloaded March 2022

Kirkman J.H., Basker A., Surapaneni A., dan Macgregor A.N., 1994. Potassium in the soils of New Zealand—A review NZ J Agric Res, 37 (1994), pp. 207-227 New Zealand Journal of Agricultural Research, 1994, Vol. 37: 207-227 0028-8233/94/3702-0207 \$2.50/0 © The Royal Society of New Zealand 1994

Kirnadi A.J., Zuraida A. dan Ilhamiyah., 2014. Survei status kesuburan tanah di lahan usahatani pada lahan pasang surut Kabupaten Banjar. Jurnal Media Sains 7(1):53-59

Krisnawati H., W. C. Adinugroho, dan R. Imanuddin 2012. Monograph allometric models for estimating tree biomass at various forest ecosystem types in Indonesia. Research and Development Center for Conservation and Rehabilitation, Forestry Research and Development Agency, Ministry of Forestry, Bogor

Kristanto, 2002. Analisis Status Nitrogen dalam Kaitannya dengan Serapan N oleh Tanaman. Jurnal Agrologia 2 (1): 51-58.

Kurniawan A., 2008. Asosiasi jenis-jenis Pohon Dominan di Hutan Dataran Rendah. LIPI. Tabanan Diakses dari : <http://biodiversitas.mipa.uns.ac.id/D/D0903.pdf> pada tanggal : 08 September 2023.

Kusmana C., 1997. Metode Survey Vegetasi. Bogor: IPB Press. Kusmana, C. 1995. Ekologi Hutan. Bogor: Fakultas Kehutanan, Institut Pertanian Bogor.

Kusmana C., dan Hikmat A., 2015. Keanekaragaman hayati flora di Indonesia. The Biodiversity of Flora in Indonesia. Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan Vol. 5 No. 2 Desember 2015. doi: 10.19081/jpsl.5.2.187. <http://journal.ipb.ac.id/index.php/jpsl/>

Kuswandi R.H., Remetwa, dan M.J Tokede., 1993. Analisis komposisi jenis vegetasi di kelompok hutan Prafi dan Tuwanwouwi Manokwari. Paratropika Volume No.2, Balai Penelitian Kehutanan Manokwari. Manokwari

Lakitan Benyamin, 1995. *Fisiologi Pertumbuhan dan Perkembangan Tanaman*. Penerbit Jakarta Raja Grafindo Persada.

Lee S.L., R. Wieckneswari, M.C. Mahani, dan A.H. Zakri, 2000. Inheritance of Allozyme in *Shorea leprosula* (Dipterocarpaceae). Journal of Tropical Forest Science 12(1):124-138.

Lee S.L., Kevin K.S., Leng-Guan Saw, Adnan Norwati, M.H Siti Salwana, Chai-Ting Lee dan M.Norwati, 2002. Population genetic of *Intsia palembanica* (Leguminosae) and genetic conservation of virgin jungle reserve in Peninsular Malaysia, American Journal of Botany 89(3):447-459

Lekitoo K., Matani O.P.M., Remetwa H., dan Hatubun C.D., 2008. Keanekaragaman flora Taman Wisata Alam Gunung Meja-Papua Barat. Balai Penelitian Kehutanan Manokwari.

Lee S.L., L.K.C. Ang dan M. Norwati, 2000. Genetic diversity of *Dryobalanops aromatica* in Peninsular malaysia and its pertinence to genetic conservation and tree improvement. *Forest Genetic* 7;209-217.

Liengsiri C., C. Piewlang, dan T.J.B. Boyle, 1990. Starch Gel Elektrophoresis of Tropical Trees, A Manual. ASEAN-Canada Forest Trees Seed Centre, Muak Lek. Saraburi.

Liu H.D., Chen Q., Xu Z Y, Wu C Y, dan Chen Y F, 2020. Natural Population and Spacial Distribution Pattern of Rare and Endangered Species *Dacrydium pectinatum*. *Acta Ecologica Sinica*. Volume 40 number 9. May 2020

Loveless M.D., 1992. Isozyme variation in tropical trees: pattern of genetic organization. *New Forest* 6:67-94.

Lowe A., H. Stephen, dan A. Paul., 2004. Ecological Genetics: design, analysis and application. Blackwell Publishing.

Ludwig J.A., dan J.F. Reynold., 1988. Statistical Ecology: a Primer on Methods and Computing. New York: John Wiley & Sons.

Maimunah S., Capilla B.R., dan Harrizon M., 2018. *Tree Diversity and Forest Composition of a Bornean Heath Forest Indonesia*. IOP Conference Series : Earth and Environmental Science. Hassanudin University.

Maimunah. S., Kessler. P.J.A., Indrioko. S., Naiem. M.. and Samek. J.H., 2021. Study of species associations in native habitats of the genus *Dacrydium* Lamb. (Podocarpaceae) in Central Kalimantan. Indonesia. IOP Conference Series: Earth and Environmental Science. Hassanudin University.

Maimunah. S., Kessler. P.J.A., Indrioko. S., dan Naiem. M., 2022. Natural distribution of the genus *Dacrydium* Lamb. (Podocarpaceae) in Central Kalimantan, Indonesia. *Biodiversitas* <https://doi.org/10.13057/biodiv/d230605>

Mutalib A.A., J.S. Lim, M.H. Wong, dan L. Koonvai, 1991. Characterization, distribution and utilization of peat in Malaysia. Proceedings of International Symposium on Tropical Peatland, Kuching, Serawak, Malaysia, 6-10 May 1991

Musthofa., 2007. Pengaruh Penurunan Muka Air terhadap Status Hara Nitrogen pada Permukaan Tanah Gambut. *Jurnal Agriculture Envi-ronment* 2 (2): 18-25.

Manuri Solichin, Cris Brack, Fatmi Noor'an, Teddy Rusolono, Shema Mukti Anggraini, Helmut Dotzauer, dan Indra Kumara, 2016. Improved allometric equations for tree aboveground biomass estimation in tropical dipterocarp forests of Kalimantan, Indonesia. *Forest Ecosystems* 3, no. 1 : 28.

Marliana, 2009. Asosiasi Antar Spesies Tumbuhan Pada Hutan Mangrove Pulau Bay. Skripsi Fkip UMB. Bengkulu (Tidak Dipublikasikan)

Masona, 2011. Analisis Vegetasi Hutan di Hutan Pegunungan Tambang Desa Sukamenang Kecamatan Karang Jaya Kabupaten Musi Rawas. Skripsi Universitas Muhammadiyah Bengkulu

MacKinnon, K., Hatta, G., Mangalik, A., dan Halim, H., 1996. *The ecology of Kalimantan* (Vol. 3). Oxford University Press.

Martono D. S., 2012. Analisis Vegetasi dan Asosiasi Antara Jenis-Jenis Pohon Utama Penyusun Hutan Tropis Dataran Rendah di Taman Nasional Gunung Rinjani Nusa Tenggara Barat. *Agri-tek* 13(2): 18–27.

McNaughton S.J dan Wolf, Larry L., 1992. Ekologi Umum . Edisi -2. Yogyakarta. Gadjah Mada University Press, Diterjemahkan oleh Pringgoseputro, Sunaryo dan Srigundono, B.

Meyer H.A., 1952. Structure, Growth, and Drain in Balanced Uneven-Aged Forests. . *Journal of Forestry*, Volume 50, Issue 2, February **1952**, Pages 85–92

Misra K.C., 1980. *Manual of Plant Ecology*. 2nd ed. New Delhi: Oxford & IBH Publishing Co.

Morishita M., 1956. Measuring of the Dispersion on Individuals and Analysis of the Distributional Patterns. *Memoirs Faculty of Science, Kyushu University, Seri E (Biology)* 40: 3-5

Moran G.F., O. Mouna, dan J.C Bell,. 1989.Acacia mangium:A Tropical Forest Tree of The Coastal Lowlands with low Genetic Diversity.*Evolution*,43(1):231-235

Mukhlis, 2007. Analisis Tanah dan Tanaman.USU Press, No. ISBN 979-458-312-X Medan

Mueller-Dombois D. dan H. Ellenberg, 1974. *Aims and Methods of Vegetation Ecology*. New York: John Wiley & Sons.

Na'iem M dan Soeseno, O.H., 1993. Techniques for Polyacrilamide Gel Elektrophoresis of Forest Tree Species. Faculty of Forestry Gadjah Mada University,Yogyakarta.

Na'iem. 2000. Aplikasi Isozim Sebagai Penanda Molekuler untuk Program Konservasi dan Pemuliaan Pohon. Lokakarya ITTO Yogyakarta.

Na'iem M., 2001a. Konsevasi sumberdaya genetik untuk pemuliaan pohon. Makalah dalam Seminar Sehari 70 Tahun Prof. Oemi H. Suseno; Peletakan Dasar-dasar dan Strategi Pemuliaan Pohon Hutan di Indonesia.Yogyakarta.

Na'iem M., 2002. Analisis isozim dan pemanfaatannya di bidang kehutanan. Modul Bahan Ajar Program Studi Ilmu Kehutanan Sekolah Pasca Sarjana Universitas Gadjah Mada Jogjakarta.

Nei M., 1972. Genetic distance between populations. *American Naturalist* 106:283-292

Nei M., 1973. Analysis of gen diversity in subdivided population. *Proc.Nall. Acad.Sci. USA* 70:3321-3323

Nei M., 1987. *Molecular Evolutionary Genetics*. Columbia University Press, New York

Novizan, 2005. *Pemupukan yang Efektif PT Mitra Tani Mandiri Perdana*. Jakarta

Nugroho Y., Masganti dan Agus F., 2003. Analisis Sifat Fisik-Kimia dan Kesuburan Tanah pada Lokasi Rencana Hutan Tanaman Industri PT Prima Multibuana. *Jurnal Hutan Tropis Borneo* 10 (27): 222-229.

Odum, 1971. *Fundamentals of Ecology*. Philadelphia W.B. Saunders Company. 1953, 383 p Science Education-Wiley Online.

Onrizal, 2004. Model Penduga Biomassa dan Karbon Tegakan Hutan Kerangas di Taman Nasional Danau Sentarum, Kalimantan Barat. [Tesis]. Bogor: Sekolah Pascasarjana Institut Pertanian Bogor.

Onrizal, Cecep Kusmana, Bambang Hero Saharjo, Iin P Handayani, dan Tsuyoshi Kato, 2005. Analisis vegetasi hutan hujan tropika dataran rendah sekunder di Taman Nasional Danau Sentarum. Kalimantan Barat. *Jurnal Biology Fakultas Biologi UGM Volume 4 issued 6*

Onrizal, Kusmana C., Saharjo B.H., Handayani I.P., dan Kato T., 2005. Species composition and structure of ex-burned heath forest in Danau Sentarum National Park, West Kalimantan. *Jurnal Biodiversitas* ISSN: 1412-033X Volume 6, Nomor 4 Oktober 2005 Halaman: 266-268

Parlatore. F., 1867. *Coniferae (Ordo CXCIX)*. Pp. 361-521 in A. P. de Candolle and Alph. de Candolle (eds.). *Prodromus systematis naturalis regni vegetabilis*. vol. 16. part 2. Paris.

Pudjiono, Mashudi, M Susanto, L Baskorowati, D Setiadi, M Sulaeman, R A Hartati dan A Wibowo, 2010. Growth of *manglid* (*Manglietia glauca* Bl.) from three provenances until age 4.5 years at Candirotto Temanggung Central Java. Citation S Pudjiono *et al* 2021 *IOP Conf. Ser.: Earth Environ. Sci.* 914 012020 DOI 10.1088/1755-1315/914/1/012020

Purwaningsih, dan R. Yusuf., 2005. Komposisi Jenis dan Struktur Vegetasi Hutan di Kawasan Pakuli, Taman Nasional Lore Lindu, Sulawesi Tengah. *Biodiversitas* 6 (2): 123-128.

Ratnaningrum Y.W.N., 2010. Sistem Perkawinan pada beberapa provenan dan ras lahan cendana (*Santalum album* Linn., *Santalaceae*) pada pertanaman uji

- Ratnaningrum YWN, dan Kurniawan A., 2019. Floral structure and genetical differences of sandalwood variants in Gunung Sewu (Java, Indonesia), and its effects on breeding systems and reproductive ability. *Biodiversitas* 20 (2): 393-404. DOI: 10.13057/biodiv/d200213
- Ratnaningrum YWN, Indrioko S, Faridah E, Syahbudin A., 2018. Population structures and seasons affected flowering, pollination and reproductive outputs of sandalwood in Gunung Sewu, Java, Indonesia. *Nusantara Biosci* 10 (1): 2087-3948. DOI: 10.13057/nusbiosci/n100103
- Ratnaningrum YWN, Indrioko S, Faridah E, dan Syahbudin A., 2017. Gene flow and selection evidence of sandalwood under various population structures in Gunung Sewu (Java, Indonesia), and its effect on genetic differentiation. *Biodiversitas* 18 (4): 1493-1505. DOI: 10.13057/biodiv/d180427
- Ratnaningrum YWN, Indrioko S, Faridah E, dan Syahbudin A., 2015. The effects of population size on genetic parameters and mating system of sandalwood in Gunung Sewu, Indonesia. *Indo J Biotech* 20 (2): 182- 201. DOI: 10.22146/ijbiotech.24347
- Richards, P.W., 1996. *The tropical rain forest: An ecological study*, second edition. Cambridge University Press, Cambridge, UK. xxiii 575 pages. *Journal of Tropical Ecology*, 13(5), 775-776. doi:10.1017/S0266467400010944
- Rimbawanto A., 2000. *Aplikasi Penanda Molekuler dalam Program Pemuliaan*. Pusat Penelitian dan Pengembangan Bioteknologi dan Pemuliaan Tanaman Hutan, Yogyakarta.
- Rimbawanto A. dan Suharyanto, 2005. Keragaman genetik populasi shorea leprosula dan implikasinya untuk program konservasi genetik. Dalam;Hardiyanto, E.B (ed). Makalah dalam Prosiding Seminar Nasional Peningkatan Productivitas Hutan-Peran Konservasi Sumberdaya Genetik, Pemuliaan dan Silvikultur dalam Mendukung Rehabilitasi Hutan.Facultas Kehutanan UGM dan ITTO.Jogjakarta. pp.373-382.
- Rimbawanto A. dan AYBC Widyatmoko, 2006. Keragaman genetik empat populasi *Intsia bijuga* berdasarkan penanda RAPD dan implikasinya bagi program konservasi genetik. *Jurnal Penelitian Hutan Tanaman* Vol 3 No.3. Pusat Penelitian dan Pengembangan Hutan Tanaman. Jogjakarta
- Rosmarkam A., dan Yuwono, N. W., 2002. Ilmu kesuburan tanah.
- Sambas E.N., 1999. *Flora Hutan Tepi Sungai Alas, Ketambe, Taman Nasional Gunung Leuser*. [Laporan Teknik 1998/1999]. Bogor: Pusat Penelitian dan Pengembangan Biologi, LIPI.

Santoso S. dan Syahbudin A., 2021. Komposisi Vegetasi dan Pola Persebaran Pohon penyusun di kawasan Taman Hutan Raya K.G.P.A.A. Mangkunegoro I Karanganyar Jawa Tengah. Gadjah Mada University.

Schimdt F.H.A. dan J.H.S. Fergusson, 1951. Rainfall type Based on Wet and Dry Periods of Ratios for Indonesia with Western New Guinea. Verhandeligen No. 42. Jakarta: Directorate Meteorology and Geophysica.

Seido K., 1993. Manual of Isozyme Analysis. JICA and Directorate General of Reforestation and Land Rehabilitation Ministry of Forestry in Indonesia, Jakarta.

Siahaan H., 1998. Analisa Vegetasi Hutan Mangrove Pulau Baii Bengkulu. Skripsi UNIB (Tidak Dipublikasikan) Soegianto A. 1994. *Ekologi Kuantitatif*. Usaha Nasional. Surabaya.

Siti Nur Amalina dan JWF Slik., 2019. 215 New Seed Plant Species Recorded for Brunei Darussalam. Scientia Bruneiana Volume 18 number 1

Shannon CE, dan Weaver W., 1949. The mathematical theory of communication. Science. 185:27–39.

Simpson EH., 1949. Measurement of diversity. Nature. 163:688

Soerianegara dan Indrawan, 1978. *Ekologi Hutan*. Departemen Manajement Hutan. Fakultas Kehutanan. Institut Pertanian Bogor.

Soerianegara I dan A. Indrawan, 1983. *Ekologi Hutan Indonesia*. Bogor: Departemen Kehutanan-IPB.

Soeseno O.H., 1985. Pemuliaan Pohon Hutan. Fakultas Kehutanan. Universitas Gadjah Mada, Yogyakarta. ,O.H., 1993. Peranan Pemuliaan Pohon dalam Peningkatan Produktivitas Hutan. Pidato Pengukuhan Jabatan Guru Besar dalam Ilmu Pemuliaan Pohon Hutan pada Fakultas Kehutanan. Universitas Gadjah Mada, Yogyakarta.

Sitompul G.M. dan Guritno B., 1995. Analisis Pertumbuhan Tanaman. Gadjah Mada Press. ISBN: 979-420-374-2

Soltis D.E. dan P.S. Soltis, 1989. *Isozymes in Plant Biology*. Dioscorides Press. Portland, Oregon

Stewart J.L., G.E. Allison, dan A.J. Simons, 1996. Utilization : *Gliricidia sepium*; Genetic Resources for Farmers. Oxford Forestry Institute, United Kingdom

Sudarmono, 2006. Pendekatan Konservasi Tumbuhan dengan Molekuler Elektroforesis. Inovasi Online Vol. 7/XVIII: 1-7.

Suriadikarta D.A., 2012. Teknologi pengelolaan lahan gambut berkelanjutan. Jurnal Sumberdaya lahan Pertanian 6(2):197-211.

- Suryo, 1980. Genetika SI. Fakultas Biologi Universitas Gadjah Mada, Yogyakarta.
- Suhardjo H. dan I P.G. Widjaja Adhi, 1976. Chemical Characteristics Of The Upper 30 Cms Of Peat Soils From Riau. ATA 106. Bull. 3: 74-92. Soil Res. Inst. Bogor
- Sutedjo M. M., dan Kartasapoetra, A. G., 2002. Pengantar ilmu tanah. Bina Aksara, Jakarta.
- Tropical Plants Database. Ken Fern. tropical. theferns.info. 2021-07-30. <tropical.theferns.info/viewtropical.php?id=Dacrydium+beccarii>
- Thomas. P., 2013. *Dacrydium elatum*. The IUCN Red List of Threatened Species 2013: e.T42449A2981087. <https://dx.doi.org/10.2>
- University Consortium and USAID LESTARI, 2018. Biodiversity Tools Analysis. Adopsi dari <https://hevnetwork.org/library/forest-integrity-assessment-tool/>
- USAID Lestari, 2019. Carbon, Biodiversity and Forest Integrated Aseessment Calculator in Lestari Lanscape. Consortium University with Michigan State University.
- Wendel J.F. and N.F. Weeden, 1989. Visualization and interpretation of plant isozymes. In 'Isozymes In Plant Biology'. (eds P. Soltis and D. Soltis) 4(1):5-45 (Dioscorides Press: Portland).
- Windusari Y., H. Susanto R., Dahlan Z., dan Susetyo W., 2011. Asosiasi Jenis pada Komunitas Vegetasi Sukseksi di Kawasan Pengendapan Tailing Tanggul Ganda di Pertambangan PTFI Papua. *Biota: Jurnal Ilmiah Ilmu-Ilmu Hayati* 16(2): 242–251. DOI: 10.24002/biota.v16i2.106
- White T.L dan G.R. Hodge, 1989. Predicting Breeding Values. Forestry Science. Kluwer Academic Publishers. London
- Whitmore T.C., 1984. Tropical Rainforest of the Far East. 2nd ed. Oxford: Clarendon Press.
- Whittaker R.H., 1974. Climax Concepts and Recognition. In R. Knapp (ed.), Vegetation Dynamics; Handbook of Vegetation Science 8: 139-154. The Hague: W. Junk Publishers.
- Whittaker R.H., 1974. Evolution and measurement of species diversity. *Taxon*, 21, 213-251. doi:10.2307/1218190
- Wright J.W., 1976. Introduction to Forest Genetics. Academic Press, Inc. San Diego, New York.
- Young, A., D. Boshier dan T. Boyle. 2000. Forest Conservation Genetics Principle and Practice. CSIRO Publishing, Australia.

Yoon Soo Kim, Kwang Ho Lee dan Andrew H. H. Wong, 2015. Occurrences of Mild Compression Wood in *Agathis borneensis* and *Dacrydium elatum*. *IAWA Journal*. Volume 36 number 4.

Zakaria E., A.Widodo., A.Subyanto dan Y.W.N. Ratnaningrum, 2005. Aplikasi manajemen penyerbukan untuk optimalisasi produksi benih jati. Makalah dalam Prosiding Seminar Nasional Peningkatan Produktivitas Hutan Peran Konservasi Sumberdaya Genetik, Pemuliaan dan Silvikultur dalam Mendukung Rehabilitasi Hutan. Yogyakarta 26-27 Mei 2005

Zulfahmi, 2013. Penanda DNA untuk analisis genetik tanaman. *Jurnal Agroteknologi* Volume 3 nomor 2. Universitas Riau

Zobel B. dan J. Talbert, 1984. *Applied Forest Tree Improvement*. John Wiley and Sons, Inc. Canada.

https://id.wikipedia.org/wiki/Penanda_genetik.

<http://threatenedconifers.rbge.org.uk/conifers/dacrydium>.

<https://conifersociety.org/conifers>

<http://www.IUCNRedlist/Species/42473/2981523>).

<http://threatenedconifers.rbge.org.uk/conifers/dacrydium>

[http://uses.plantnet-project.org/en/Dacrydium_elatum_\(PROSEA\)](http://uses.plantnet-project.org/en/Dacrydium_elatum_(PROSEA))

<https://forestnews.cifor.org/23053/pakar-keragaman-genetik-hutan-krusial-central-kalimantan-outbreak-indonesia.jpg> (1154×1600) (bp.blogspot.com)

hutan kerangas - Search (bing.com) hutan kerangas - Search (bing.com)

hutan kerangas - Search (bing.com) hutan kerangas - Search (bing.com).

<https://jurnal.ipb.ac.id/index.php/jpsl/issue/view/1480>

<https://jurnal.ipb.ac.id/index.php/jpsl/issue/view/1492>

<https://doi.org/10.29244/jpsl.5.2.187>

<http://www.IUCNRedlist/Species/42447/2980953> downloaded Jan 2022

<http://www.IUCNRedList/Species/42449/2981087> downloaded Jan 2022

<http://www.IUCNRedlist/Species/42473/2981523> downloaded Jan 2022

<http://www.IUCNRedlist/Species/42474/2981605> downloaded Jan 2022

<https://conifersociety.org/conifers>.

<http://www.IUCNRedlist/Species/42473/2981523>

<http://threatenedconifers.rbge.org.uk/conifers/dacrydium>.

<https://powo.science.kew.org/>

<http://threatenedconifers.rbge.org.uk/conifers/dacrydium>.

[central-kalimantan-outbreak-indonesia.jpg](https://forestnews.cifor.org/23053/pakar-keragaman-genetik-hutan-krusial-central-kalimantan-outbreak-indonesia.jpg) (1154×1600) (bp.blogspot.com)

Personnal communication with Professor Dr. Ir. Soekotjo. 21 July 2021

Personnal communication with Dr. Adriyanti. 21 July 2021