

DAFTAR PUSTAKA

- Adam, F.Y. (2013). *Variasi genetik dan kemampuan reproduksi cendana (*Santalum album* Linn.) di raslahan Gua Pindul, Bejiharjo, Karangmojo, Gunungkidul*. Skripsi. Fakultas Kehutanan Universitas Gadjah Mada.
- Adinugraha, H. A., Muchtiari, E. W., dan Huda, S. (2012). Pertumbuhan Dan Perkembangan Tunas Pada Bibit Nyamplung Hasil Pembiakan Dengan Teknik Sambungan. *Jurnal Pemuliaan Tanaman Hutan*, 6(2): 89-100.
- Alfirdaus, A. P. 2022. Keragaman Genetik dan Sistem Perkawinan Induk Cendana di Raslahan Bleberan Pasca Pembukaan Lahan Tahun 2020, serta Pengaruhnya terhadap Keragaman Genetik Anakan. *Skripsi* (tidak dipublikasikan). Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta
- Alonso-Crespo, I. M., Silla, F., Jiménez del Nogal, P., Fernández, M. J., Martínez-Ruiz, C., dan Fernández-Santos, B. (2020). Effect of the mother tree age and acorn weight in the regenerative characteristics of *Quercus faginea*. *European Journal of Forest Research*, 139(4), 513-523.
- AL SAKRAN, M., ALMHMED, K., dan USTUNER, T. (2020). Study the Indicators of Germination and Growth of Some Species of Weeds under Different Thermal Conditions. *International Journal of Research*, 6(9) : 1-5.
- Anjarwalla, P., Ofori, D., Owino, A., Matuku, D., Adika, W., Njogu, K., Kehlenbeck, K., 2016. Testing different *grafting* methods for vegetative propagation of baobab (*Adansonia digitata* L.) in Kenya to assist its domestication and promote cultivation. *For. Trees Livelihoods*: 1–11.
- Apriliyanti, N. F., Seotopo, L., dan Respatijarti, R. (2016). Keragaman Genetik Pada Generasi F3 Cabai (*Capsicum annum* L.) (Doctoral dissertation, Brawijaya University).
- Arfenda, Ferieren C. 2016. *Variasi Genetik dan Parameter Reproduksi Pada Permudaan Alam Cendana (*Santalum album* Linn.) di Pilangrejo, Nglipar, Gunung Kidul*. Master Thesis. Fakultas Kehutanan. Universitas Gadjah Mada.
- Arifriana, R., Indrioko, S. dan Syahbudin, A. 2017. Variasi Cendana (*Santalum album* Linn.) Berdasarkan Morfologi Daun dan Bunga di Desa Petir, Rongkop, Gunungkidul. *Jurnal Ilmu Kehutanan*, 11 : 97-108.
- Ariyanti, M. dan Yenni A. 2018. Cendana (*Santalum album* L.) sebagai Tanaman Penghasil Minyak Atsiri. *Jurnal Kultivasi*. 17 (1) : 558-567
- Arunkumar, A.N.; Dhyani, A.; Joshi, G. (2019). *Santalum album*. The IUCN Red List of Threatened Species 2019: e.T31852A2807668.
- Awangga, D.Y. 2022 Dinamika Keragaman Genetik dan Reproduksi Cendana Pada Ras lahan Terdegradasi di Gunung Api Purba Nglanggeran Pada Periode Pembungaan 2014-2021. *Skripsi*. Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta.
- Badan Pusat Statistik Kabupaten Gunungkidul. (2024). *Data Curah Hujan Kabupaten Gunungkidul 2024*. BPS Kabupaten Gunungkidul.

- Barret, D.R. dan Fox JED. (1994). Early growth of *Santalum album* in relation to shade. *Australia Journal of Botany* 42(1) : 83-93.
- Baskin, J.M., Baskin, C.C., 2019. *How much influence does the paternal parent have on seed germination?* *Seed Sci. Res.* 29 : 1–11.
- Baskin, C. C., dan Baskin, J. M. (2020). Breaking seed dormancy during dry storage: a useful tool or major problem for successful restoration via direct seeding?. *Plants*, 9(5), 636.
- Bhandari, N. (2021). Seasonal variability and propagation environment to graft success and growth of sapling in tropical and subtropical fruit crops: A review. *Agricultural Reviews*, 42(1): 58-65.
- Campbell, N. A., Reece, J. B., Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., dan Jackson, R. B. (2004). *Biology* (5th ed.). Pearson.
- Cardoso, I. B., do Vale Beirão, M., Cuevas-Reyes, P., Maldonado-López, Y., Aguilar-Peralta, J. S., dan de Abreu Moreira, P. (2021). Effects of landscape disturbance on seed germination of *Enterolobium contortisiliquum* (Fabaceae) in Brazilian seasonally tropical dry forest: Are seeds a sensitive biomarker of environmental stress?. *Ecological Indicators*, 125, 107451.
- Chao, S., Mitchell, J., dan Fukai, S. (2021). Factors determining genotypic variation in the speed of rice germination. *Agronomy*, 11(8) : 1614.
- Copeland, L. O., dan McDonald, M. B. (2001). *Principles of Seed Science and Technology 4th Edition*. Kluwer Academic Publishers
- Damanik, S.A. (2014). *Variasi genetik cendana (*Santalum album* Linn.) di raslahan Air Terjun Srigethuk, Bleberan, Playen, Gunungkidul*. Skripsi. Fakultas Kehutanan Universitas Gadjah Mada.
- Darmokusumo, S., Nugroho, A.A., Botu, E.U., Jehamat, A., Benggu, M. 2001. Upaya memperluas kawasan ekonomi cendana di NTT. *Berita Biologi Edisi Khusus Pusat Penelitian Biologi Lembaga Ilmu Pengetahuan Indonesia*, 5 (5): 509 – 514.
- Delgado-Paredes, G., Rojas-Idrogo, C., Bazán-Sernaqué, P., Vásquez-Díaz, C., Esquerre-Ibañez, B., Da-Silva, F. Z., & Kuethe, J. R. (2024). Albinism in *Hura polyandra* Baill.(Euphorbiaceae): morphological and histological aspects. *Revista de Biología Neotropical/Journal of Neotropical Biology*, 21(1) : 61-76.
- Dewan, S., Vander Mijnsbrugge, K., De Frenne, P., Steenackers, M., Michiels, B., dan Verheyen, K. (2018). Maternal temperature during seed maturation affects seed germination and timing of bud set in seedlings of European black poplar. *Forest Ecology and Management*, 410: 126-135.
- Dlamini, W. M., Wilson, I., Pieterse, P. J., dan Swanepoel, P. A. (2024). Effects of position of seed perforation by cowpea weevils, *Callosobruchus maculatus* (F.), on viability and vigour of cowpea (*Vigna unguiculata* L. Walp) seed. *Journal of Stored Products Research*, 107, 102347.
- Faridah, E., Supriyo, H., Wibisono, M.G., Afiani, K.D. and Hartanti, D., (2012). Akselerasi Pertumbuhan Cendana (*Santalum album*) dengan Aplikasi Unsur Hara

- Makro Ensensial pada Tiga Jenis Tanah. *Jurnal Ilmu Kehutanan*, 6(1): 1-17.
- Fathin, A.N; Ratnaningrum, Y.W.N. (2018). The differences in floral structures of three sandalwood variants in one of Gunung Sewu (Indonesia) population, and their consequences on visitor diversity and visitation rate. *Biodiversitas* 19(3): 1097-1101
- Feng, M., Augstein, F., Kareem, A., dan Melnyk, C. W. (2024). Plant grafting: Molecular mechanisms and applications. *Molecular Plant*, 17(1): 75-91.
- Fenner, M., dan Thompson, K. (2005). *The ecology of seeds*. Cambridge University press.
- George-Miranda, S., Guillén, S., Viveros-Viveros, H., Montero-Nava, R., dan y Pérez, J. L. M. (2022). Low germination rate of *Pinus hartwegii* seeds from trees growing at high elevations: Vulnerability to climate change?. *Forest Ecology and Management*, 507, 120001.
- Ghaleb, W., Ahmed, L. Q., Wagner, M. H., Eprincharde-Ciesla, A., Olivares-Rodríguez, W. E., Perrot, C., dan Escobar-Gutiérrez, A. J. (2022). The concepts of seed germination rate and germinability: A re-evaluation for cool-season grasses. *Agronomy*, 12(6): 1291.
- Hamzah, Z. (1976). Sifat-Sifat Silvika dan Silvikultur Cendana (*S. album*) di Pulau Timor. Lembaga Penelitian Hutan. Bogor.
- Harahap, R.M.S. (1972). *Percobaan Orientasi Vegetatif Beberapa Jenis Pohon* Laporan LPH No.155 Lembaga Penelitian Hutan, Bogor.
- Harbaugh, D.T.; Baldwin, B.G. (2007). Phylogeny and biogeography of the Sandalwoods (*Santalum*, Santalaceae): repeated dispersals throughout the Pacific. *American Journal of Botany* 94(6): 1028-1040.
- Hartman, H.T, Kester, D.E. (2014). *Plant Propagation Principle and Practice. Eight Edition*. New Jersey: Pentice Hall. Inc, Englewood cliffs, New Jersey, U.S.A.
- Haryono, E. dan Suratman, 2010. Significant Features of Gunung Sewu Karst as Geopark Site. *4th International UNESCO Conference on Geopark*, 12-15 April : 1-9.
- Haryjanto, L., Widowati, T.B., Sumardi, S., Fiani, A., Hadiyan, Y. (2017). Variation of chemical compounds of sandalwood oil from various provenances in Indonesia. *Indonesian Journal of Forest Research* 11(1): 77-86.
- Hasrawati, H. (2015). Pengujian Viabilitas Benih Kacang Tanah (*Arachis hypogaea* L) Pada Berbagai Lama Penyimpanan dengan Menggunakan Uji Tetrazolium. *Jurnal Agrotan*, 1(2): 94-107.
- Hu, B., Zhang, G., Liu, W., Shi, J., Wang, H., Qi, M., dan Xu, L. (2017). Divergent regeneration-competent cells adopt a common mechanism for callus initiation in angiosperms. *Regeneration*, 4(3): 132-139.
- Huang X, Li Y, Li Y, Liu T, Chen S, Xu C, Qiu Y, Liang Y, (2019). Grafting propagation techniques of Red Sandalwood (*Pterocarpus santalinus*), a precious Hongmu tree species. *Asian Agricultural Reseach. USA-China Science and Culture Media Corporation*, Vol. 11 (07).
- Huayta-Hinojosa, L. D., Quispe-Melgar, H. R., Poma, K. L. L., Llacua-Tineo, Y. S.,

- Ames-Martínez, F. N., dan Renison, D. (2025). Low seed viability and germination in *Polylepis flavipila* hinder forest restoration: The role of seed mass and maternal effects. *Trees, Forests and People*, 19, 100746.
- Husaeni, E.A. and Sudaryanto, S., (2001). Silvikultur Cendana: Mencariluanan Budidaya Yang Layak Ekologis Dan Ekonomis. *Berita Biologi*, 5(5): 539-551.
- Indrioko, S. dan Ratnaningrum, Y.W.N. (2014). Habitat loss caused clonality, genetic diversity reduction and reproductive failure in *Santalum album*, an endangered endemic species of Indonesia. *Procedia Environmental Sciences* V: 613-620.
- Indrioko, S., Naiem, M., Winarni, W.W., Danarto, S., Adriyanti, D.T., Ratnaningrum, Y.W.N., Syahbudin, S. (2019). *Laporan Akhir Hibah Penelitian Berbasis Laboratorium 2019: Evaluasi Potensi Produksi Benih pada Beberapa Areal Pertanaman Uji dalam Rangka Pengembangan Wanagama sebagai Sumber Benih*. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta.
- Indrioko, S., dan Ratnaningrum, Y. W. (2015). *Habitat loss caused clonality, genetic diversity reduction and reproductive failure in Santalum album (Santalaceae), an endangered endemic species of Indonesia*. *Procedia Environmental Sciences*, 28, 657-664.
- ISTA, 2024. Chapter 5: Germination Testing, section "*Minimum Germination Standards*". Wallsellen : Switzerland
- IUCN. (2009). *IUCN Red List Categories And Criteria: Version 3.1*. IUCN Species Survival Commission. International Union for Conservation of Nature and Natural Resources. Glad, Switzerland, and Cambridge, UK.
- Kaarfalt, Robert P. 2008. *USDA Chapter 5 : Seed Testing*. Georgia : USDA Forest Service's National Seed Laboratory
- Kamondo, B. M., Kariuki, J. G., Nyamongo, D. O., Giathi, G., Wafula, A. W., dan Muturi, G. M. (2021). Effect of temperature and storage duration on viability of east African sandalwood.
- Khaeim, H., Kende, Z., Jolánkai, M., Kovács, G. P., Gyuricza, C., & Tarnawa, Á. (2022). Impact of temperature and water on seed germination and seedling growth of maize (*Zea mays* L.). *Agronomy*, 12(2): 397.
- Khushi, G. A., Sarker, M. D. T., Islam, M. D. S., & Shahriar, A. S. (2019). Effect of grafting time on the success and survivability of different varieties of mango. *Biodiversity International Journal*, 3(5): 209-217.
- Kumar, A. N., Joshi, G. dan Ram, H. Y. M. (2012). Sandalwood: History, Uses, Present Status and The Future. *Current Science*, 103(12): 1408-1416.
- Kurniawan, H., Soenarno, S. dan Prasetyo, N.A., (2013). Kajian beberapa aspek ekologi cendana (*Santalum album* Linn.) pada lahan masyarakat di Pulau Timor. *Jurnal Penelitian Hutan dan Konservasi Alam*, 10(1): 33 – 49.
- Laumann, P. D., Ferreira, M. C., da Silva, D. A., dan Vieira, D. L. M. (2023). *Germination traits explain the success of direct seeding restoration in the seasonal tropics of Brazil*. *Forest Ecology and Management*, 529, 120706.
- Lawrence, B.M., (1991). Recent Progress in Essential Oils. *Perfumer and Flavorist*, 16: 49-58.

- Lewis, W. J., dan Alexander, D. (2008). *Grafting and budding: A practical guide for fruit and nut plants and ornamentals*. Melbourne, Australia : Landlinks Press.
- Limbongan, J., dan Yasin, M. (2016). *Teknologi Multiplikasi Vegetatif Tanaman Budidaya*. Jakarta: IAARDPress.
- Lismono, R. (2021). Kebijakan dan Tataniaga cendana Provinsi Nusa Tenggara Timur. Kumpulan makalah Webinar “Cendana, *The Exotic Fragrance dari Indonesia*”. Tim Kosmopolis Rempah, Universitas Gadjah Mada. 30 Oktober 2021.
- Mas'ud, P. 1993. *Telaah Kesuburan Tanah*. Bandung : Percetakan Angkasa
- Melnyk, C. W. (2017). Plant grafting: insights into tissue regeneration. *Regeneration*, 4(1): 3-14.
- Melnyk, C. W., Gabel, A., Hardcastle, T. J., Robinson, S., Miyashima, S., Grosse, I., dan Meyerowitz, E. M. (2018). Transcriptome dynamics at Arabidopsis graft junctions reveal an intertissue recognition mechanism that activates vascular regeneration. *Proceedings of the National Academy of Sciences*, 115(10): E2447-E2456.
- Mooy, L. M., Kasim, M. dan Kantur, D. (2013). Karakteristik Morfologi Cendana (*Santalum album* L.) yang Ditanam pada Cekaman Air Tanah Alfisol dan Vertisol. *PARTNER*, 20(2): 195-212.
- Mudge, K., Janick, J., Scofield, S., dan Goldschmidt, E. E. (2009). A history of grafting. *Horticultural reviews*, 35: 437-493.
- Mugerwa, B., Okullo, J.B.L., (2010). *Grafting* success of *Pinus caribaea* under varying shade intensities at national tree seed center Namanve, Uganda. *Afric. J. Plant Sci. Biotechnol.* 4: 90–94.
- Mukti, K. S. T., Nugroho, B. D. A., & Maftukhah, R. (2022, March). Classification of Climate and Land Suitability of Rice in East Timor Regency, East Nusa Tenggara. In 2nd International Conference on Smart and Innovative Agriculture (ICoSIA 2021) (pp. 122-129). Atlantis Press.
- Mulyawati, P. dan Na'iem, M., (2005). Study Fenologi Pembungaan *Santalum album* Linn di Wanagama I Yogyakarta. *Agrosains*, XVIII(4) : 386-394.
- Murali, K. S. (1997). Patterns of seed size, germination and seed viability of tropical tree species in southern India 1. *Biotropica*, 29(3), 271-279.
- Nasrum, A., (2018). Uji normalitas data untuk penelitian. Denpasar : *Jayapangus Press Books*.
- Nie, W., dan Wen, D. (2023). Study on the Applications and Regulatory Mechanisms of *Grafting* on Vegetables. *Plants*, 12(15) : 2822.
- Njurumana, G.N., Marsono, D., Irham, I.I. and Sadono, R., (2013). Konservasi cendana (*Santalum album* Linn) berbasis masyarakat pada sistem Kaliwu di Pulau Timor. *Jurnal Ilmu Lingkungan*, 11(2): 51 – 61.
- Oyen LPA and Dung NX (Eds), (1999). *Plant Resources of South-East Asia* No. 19: Essential Oil Plants. Backhuys Publishers, Leiden, the Netherlands.
- Page, T., Doran, J., Tungon, J., Tabi, M. (2020). Restoration of Vanuatu Sandalwood (*Santalum austrocaledonicum*) Through Participatory Domestication. *Australian*

- Forestry* 83(4): 216-226. DOI: 10.1080/00049158.2020.1855382.
- Page, T., Meadows, J. and Kalsakau, T., (2021). Sandalwood Regional Forum [ACIAR Proceedings Series No. 150]. In Sandalwood Regional Forum. Australian Centre for International Agricultural Research.
- Paramita, 2014. *Buku Pintar Mencangkok Tanaman Buah*. Depok : Infra Pustaka.
- Peel, M. C., Finlayson, B. L., & McMahon, T. A. (2007). Updated world map of the Köppen-Geiger climate classification. *Hydrology and earth system sciences*, 11(5), 1633-1644.
- Pinastiti, V. 2023 TOP CLEFT GRAFTING MENGGUNAKAN SCION DARI 15 GENOTIPE CENDANA TERSELEKSI DAN DUA UMUR ROOTSTOCK PADA BULAN AGUSTUS TAHUN 2022. Skripsi. Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta.
- Prastyo, B., Indrioko, S., Faridah, E. and Ratnaningrum, Y.W.N., (2022), June. *Grafting compatibility between variants of sandalwood (*Santalum album* Linn.) in Gunungkidul, Indonesia. In IOP Conference Series: Earth and Environmental Science (Vol. 977, No. 1, p. 012032). IOP Publishing.*
- Pullaiah, T., Das, S.C., Bapat, V.A., Swamy, M.K., Reddy, V.D., Murthy, K.S.R. (2021). *Sandalwood: Silviculture, Conservation and Applications*. Springer Nature Singapore Pte Ltd. 152 Beach Road 21-01/04 Gateway East Singapore 189721. DOI: 10.1007/978- 981-16-0780-6.
- Purwiasuti, R.; Indrioko, S.; Faridah, E. (2016). Keragaman Genetik Cendana Pada Tegakan Penghasil Benih dan Tegakan Rehabilitasi di Nusa Tenggara Timur Berdasarkan Penanda Isozim. *Jurnal Pemuliaan Tanaman Hutan* 10(1): 23-30.
- Putri, A. D. C. (2020). Kualitas Benih Cendana dari Raslahan Bejiharjo dan Bleberan dengan Basis Genetik dan Tingkat Klonalitas yang Berbeda di Gunung Sewu. Skripsi (Tidak dipublikasikan). Fakultas Kehutanan, Universitas Gadjah Mada.
- Putri, A. D. C. (2023). Mempertahankan Tingginya Keragaman Genetik dan Keberlangsungan Regenerasi Cendana (*Santalum album* Linn.) di Imogiri, Raslahan Tertua di Gunung Sewu (Master Thesis, Universitas Gadjah Mada).
- Putri, A. D. C., Indrioko, S., Nugroho, A., Faridah, E. dan Ratnaningrum, Y. W. N. (2021). Reproductive outputs of two sandalwood landraces with different genetic base and clonality levels in Gunung Sewu, Indonesia. *IOP Conference Series: Earth and Environmental Science*, Issue 914: 1-7.
- Putri, A. S., (2022). *Keragaman Genetik Indukan dan Anakan Cendana (*Santalum album* Linn.) Ras Lahan Giring Zona Tengah Gunung Sewu*. Skripsi (Tidak dipublikasikan). Fakultas Kehutanan, Universitas Gadjah Mada.
- Putri, Y. R., Indrioko, S. dan Ratnaningrum, Y. W. N. (2020). Genetic Diversity of Sandalwood in Imogiri, Gunung Sewu. *IOP Conference Series: Earth and Environmental Science*, Volume 446: 1-13.
- Rachmad, K. I. (2016). *Karakteristik Mutu Fisik dan Fisiologis Benih Cendana (*Santalum album* Linn.) dari Permadaan Alam di Desa Nglanggerandan Desa Petir Kabupaten Gunungkidul* (Doctoral dissertation, Universitas Gadjah Mada).
- Rahmanto, D. (2016). *Reproductive fitness tujuh provenans cendana (*Santalum**

- album* Linn.) di Hutan Pendidikan Wanagama, Gunungkidul. Skripsi. Fakultas Kehutanan Universitas Gadjah Mada.
- Ranjith, K. (2017). Impact of *grafting* methods, scion materials and number of scions on graft success, vigour and flowering of top worked plants in tea (*Camellia* spp.). *Scientia Horticulturae*, 220, 139-146.
- Rao, M.N.; Ganeshaiyah, K.N.; Shaanker, R.U. (2007). Assessing threats and mapping sandal resources to identify genetic ‘hot-spot’ for in-situ conservation in peninsular India. *Conservation Genetics* 8: 925–935.
- Rasool, A., Mansoor, S., Bhat, K.M., Hassan, G.I., Baba, T.R., Alyemeni, M.N., Alsahli, A.A., El-Serehy, H.A., Paray, B.A. and Ahmad, P., 2020. Mechanisms Underlying Graft Union Formation and Rootstock Scion Interaction in Horticultural Plants. *Frontiers in plant science*, 11 : 590847.
- Ratnaningrum, Y.W.N, Indrioko, S., Faridah, E., Syahbudin, A. (2015). The effects of population size on genetic parameters and mating system of sandalwood in Gunung Sewu, Indonesia. *Indonesian Journal of Biotechnology* 20 (2): 182-201. DOI: 10.22146/ijbiotech.24347.
- Ratnaningrum, Y. W. N. (2017). Genetic Structure of Sandalwood (*Santalum album* Linn., Santalaceae) in Gunungkidul, Geo Area, Gunung Sewu. Dissertation (not published). Forestry Science Program. Doctorate Program. Faculty of Forestry. Universitas Gadjah Mada. Yogyakarta.
- Ratnaningrum, Y.W.N, Indrioko, S., Faridah, E., 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, Y.W.N, 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 Bioscience* 10 (1): 2087-3948. DOI: 10.13057/nusbiosci/n100103.
- Ratnaningrum, Y.W.N., 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.
- Ratnaningrum, Y.W.N., Indrioko, S., Naiem, M., Winarni, W.W., Danarto, S., Adriyanti, D.T., Syahbudin, S., Sawitri. (2020). *Laporan Akhir Hibah Penelitian Berbasis Laboratorium 2020. Propagasi Eucalyptus dari Kandidat Individu Unggul Sebagai Bahan Kebun Pangkas dan Tegakan Crossing*. Fakultas Kehutanan Universitas Gadjah Mada. Yogyakarta.
- Ratnaningrum, Y., Indrioko, S., Karrin, A., Kurniawan, A., dan Putri, A. D. (2021). The genetic diversity and reproductive dynamics of sandalwood in Gunung Sewu (Java, Indonesia) in 2012-2019: designing conservation strategies in a continuous versus fragmented landrace. *Biodiversitas Journal of Biological Diversity*, 22(8).
- Ratnaningrum, Y.W.N., Indrioko, S., Kurniawan, A., Karrin, A., Putri, A.D.C. (2022). Establishing Breeding House of Superior Sandalwood in Gunung Sewu,

- Indonesia: Preserving the 27 Selected Genotypes Grafted Onto Two Types of Rootstocks. *Biodiversitas* 23(7): 103-110.
- Ratnaningrum YWN; Indrioko S. (2022). Managing population structures and genetical processes on arranging the conservation strategy for sandalwood in Indonesia. Sandalwood Regional Forum, Vanuatu, October 2019. ACIAR and University of Sunshine Coast, Australia.
- Ratnaningrum, Y. W., Faridah, E., Utama, I. N., dan Prastyo, B. (2022). Establishing breeding house of superior sandalwood in Gunung Sewu, Indonesia: Preserving the 27 selected genotypes grafted onto two types of rootstocks. *Biodiversitas Journal of Biological Diversity*, 23(7): 3488-3497.
- Riswan, S. 2001. Kajian Botani, Ekologi dan Penyebaran Pohon Cendana (*Santalum album* L.). *Berita Biologi, Edisi Khusus Masalah Cendana NTT*, Agustus, V (5): 571-574.
- Rodrigues-Junior, A. G., Oliveira, T. G., de Souza, P. P., dan Ribeiro, L. M. (2016). Temperature effects on *Acrocomia aculeata* seeds provide insights into overcoming dormancy in neotropical savanna palms. *Flora*, 223, 30-37.
- Sawiyati, K. A. (2020). *Mutu fisik dan fisiologis benih dari tiga tipe induk cendana (Santalum album Linn.) di Desa Petir, Kecamatan Rongkop, Kabupaten Gunungkidul* (Doctoral dissertation, Universitas Gadjah Mada).
- Schmidt, L., 2000. Pedoman Penanganan Benih Tanaman Hutan Tropis dan Sub Tropis. Versi Bahasa Indonesia penyunt. Jakarta: Direktorat Jenderal Rehabilitasi Lahan dan Perhutanan Sosial, Departemen Kehutanan.
- Schmidt, L., 2000. Pedoman Penanganan Benih Tanaman Hutan Tropis dan Sub Tropis. Versi Bahasa Indonesia penyunt. Jakarta: Direktorat Jenderal Rehabilitasi Lahan dan Perhutanan Sosial, Departemen Kehutanan.
- Seran, Y.N.; Sudarto; Hakim, L.; Arisoesilansih, E. (2018). Sandalwood (*Santalum album*) growth and farming success strengthen its natural conservation in the Timor Island, Indonesia. *Biodiversitas* 19 (4): 1586-1592.
- Serivichyaswat, P.T., Bartusch, K., Leso, M., Musseau, C., Iwase, A., Chen, Y., Sugimoto, K., Quint, M. and Melnyk, C.W., 2022. High temperature perception in leaves promotes vascular regeneration and graft formation in distant tissues. *Development*, 149(5) : 200079.
- Solberg, S. Ø., Brodal, G., von Bothmer, R., Meen, E., Yndgaard, F., Andreasen, C., dan Asdal, Å. (2020). Seed Germination After 30 Years Storage in Permafrost. *Plants*, 9(5) : 579.
- Souza Vidigal, D., He, H., Hilhorst, H. W., Willems, L. A., dan Bentsink, L. (2020). Arabidopsis in the wild—the effect of seasons on seed performance. *Plants*, 9(5) : 576.
- Souza, J. N., Mazzottini-dos-Santos, H. C., Dias, D. S., Lopes, P. S. N., dan Ribeiro, L. M. (2022). Seasonality and the control of longevity and dormancy in macaúba palm diaspores. *Industrial Crops and Products*, 177, 114475.
- Suárez-Vidal, E., Sampedro, L., dan Zas, R. (2017). Is the benefit of larger seed provisioning on seedling performance greater under abiotic

- stress?. *Environmental and Experimental Botany*, 134, 45-53.
- Sukendro, A., Irdika M., dan Risna T. (2010). Studi Pembiakan Vegetatif Intsia bijuga (*Colebr.*) O.K. Melalui *Grafting*. *Jurnal Silvikultur Tropika*. 1 (1): 6-10
- Sumardi dan Fiani, A. (2015). Keragaman Genetik Cendana (*Santalum album*) dan Tindakan Reintroduksi ke Nusa Tenggara Timur. *Prosiding Seminar Nasional Masyarakat Biodiversitas Indonesia*, 1 (3): 409-412.
- Sunaryo, S., dan Saefudin, S. (2001). Kajian Parasitisme Tumbuhan Cendana (*Santalum Album L.*) Sebagai Dasar Dalam Pembudidayaannya. *Berita Biologi*, 5(5): 575-579.
- Surata, I. K., dan Idris, M. M. (2001). Status Penelitian Cendana di Propinsi Nusa Tenggara Timur. *Berita Biologi*, 5(5) : 521-537.
- Suseno, O.H., (2001). Prosper Pengembangan Cendana Di Nusa Tenggara Timur. *Berita Biologi*, 5(5), pp.479-486.
- Suo, R., Kulbir, S., You, F., Conner, R., Cober, E., Wang, M., dan Hou, A. (2024). Low temperature and excess moisture affect seed germination of soybean (*Glycine max L.*) under controlled environments. *Canadian Journal of Plant Science*, 104(4) : 375-387.
- Tamla, H. T., Cornelius, J. P., dan Page, T. (2012). Reproductive biology of three commercially valuable *Santalum* species: development of flowers and inflorescences, breeding systems, and interspecific crossability. *Euphytica*, 184, 323-333.
- Utama, Ilham N. S. 2021. Keberhasilan Perbanyakan Vegetatif 23 Genotipe Terseleksi Cendana Melalui Teknik *Grafting*. Skripsi. Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta
- Usmadi, U., (2020). Pengujian persyaratan analisis (Uji homogenitas dan uji normalitas). *Inovasi Pendidikan*, 7(1),: 50-62.
- Veerendra, H. C. S. dan Padmanabha, H. S. A. (1996). The Breeding System in Sandal (*Santalum album L.*). *Silvae Genetica*, 45(4): 188-190.
- Vougeleka, V., Savvas, D., Ntatsi, G., Ellinas, G., Zacharis, A., Iannetta, P.P., Mylona, P. and Saitanis, C.J., 2023. Impact of the rootstock genotype on the performance of grafted common bean (*Phaseolus vulgaris L.*) cultivars. *Scientia Horticulturae*, 311 : 111821.
- Weber, H. Chr. (1990). A New Terminologi For Parasitic Plants. *Haustorium* 23 : 2.
- Widowangi, A. 2022. Performa Anakan Cendana dari Tiga Tipe Induk dengan Keragaman Genetik Berbeda di Desa Petir Gunung Sewu. *Skripsi* (tidak dipublikasikan). Fakultas Kehutanan. Universitas Gadjah Mada. Yogyakarta.
- White, T. L., Adams, W. T. dan Neale, D. B. (2007). *Forest Genetics*. Oxfordshire : CAB International Wallingford Oxfordshire.
- Wright, J.W., (1976). *Introduction to Forest Genetics*. Departement of Forestry Michigan. New York: States University East Lansing Michigan. Academic Press.
- Yudono, P. (2023). *Ilmu dan Teknologi Benih Rekalsitran: Tanaman Buah dan Perkebunan*. Yogyakarta: UGM PRESS.
- Zhang, W., Thieme, C.J., Kollwig, G., Apelt, F., Yang, L., Winter, N., Andresen, N.,

- Walther, D. and Kragler, F. (2016). tRNA-related sequences trigger systemic mRNA transport in plants. *The Plant Cell*, 28(6): 1237-1249.
- Zheng, X., Yuan, Z., Yu, Y., Yu, S., dan He, H. (2024). *OsCSD2 and OsCSD3 enhance seed storability by modulating antioxidant enzymes and abscisic acid in rice*. *Plants*, 13(2), 310.
- Zhou, Q., Gao, B., Li, W. F., Mao, J., Yang, S. J., Li, W., dan Chen, B. H. (2020). Effects of exogenous growth regulators and bud picking on *grafting* of grapevine hard branches. *Scientia Horticulturae*, 264, 109186.