

DAFTAR PUSTAKA

- Amoo, S. O. dan J. V. Staden. 2012. Influence of Plant Growth Regulators on Shoot Proliferation and Secondary Metabolite Production in Micropropagated *Huernia hystrix*. *Plant Cell, Tissue, and Organ Culture* Vol. 112 (2) hal. 249-256.
- Adinugraha, H. A., S. Pudjiono, dan T. M. Hasnah. 2013. *Teknik Produksi Bibit Nyamplung (Calophyllum inophyllum L.)* (Leaflet). Balai Besar Penelitian Bioteknologi dan Pemuliaan Tanaman Hutan. Yogyakarta.
- Arab, M. M., A. Yadollahi, A. Shojaeiyan, S. Shokri, dan S. M. Ghoghah. 2014. Effects of Nutrient Media, Different Cytokinin Types and Their Concentrations on In Vitro Multiplication of G · N15 (Hybrid of Almond · Peach) Vegetative Rootstock. *Journal of Genetic Engineering and Biotechnology* Vol. 12 hal. 82-87.
- Bhojwani, S.S. dan K. S. Dantu. 2013. *Plant Tissue Culture: An Introductory Text*. Springer. India.
- Bustomi, S., T. Rostiwati, R. Sudrajat, A. S. Kosasih, I. Anggraeni, B. Leksono, S. Irawanti., R. Kurniaty, D. Syamsuwida, Y. Lisnawati, R. Effendi, D. Jaenudin, dan D. Hendra. 2009. *Nyamplung (Calophyllum inophyllum) Sumber Energi Biofuel yang Potensial* (Edisi Revisi). Pusat Penelitian dan Pengembangan Peningkatan Produktivitas Hutan. Bogor.
- Chauvet, Michel (ed). 2015. *Calophyllum inophyllum*. PROTA. [https://uses.plantnet-project.org/en/Calophyllum_inophyllum_\(PROTA\)](https://uses.plantnet-project.org/en/Calophyllum_inophyllum_(PROTA)) (diakses tanggal 18 Juni 2018).
- Danu, A. Subiakto, dan A. Z. Abidin. 2011. Pengaruh Umur Pohon Induk Terhadap Perakaran Stek Nyamplung (*Calophyllum inophyllum*). *Jurnal Penelitian Hutan Tanaman* Vol. 8 (1), hal. 41-49.
- Debergh, P.C. dan Read, P.E. 1991. *Micropropagation*. dalam: Debergh, P.C. dan Zimmerman, R.H., Eds., *Micropropagation. Technology and Application*. Kluwer Academic Publishers. Dordrecht, 1-14.
- Davies, P. J. 2010. *Plant Hormones: Their Nature, Occurrence, and Functions*. Springer. Dordrecht.
- Elias, H., R. M. Taha, N. A. Hasbullah, N. Mohamed, A. A. Manan, N. Mahmud, dan S. Mohajer. 2014. The Effects of Plant Growth Regulators on Shoot Formation, Regeneration, and Coloured Callus Production in *Echinocereus cinerascans* In Vitro. *Plant Cell, Tissue, and Organ Culture* Vol. 120 (2) hal. 729-739.
- El-Shafey, Y. H., M. R. A. Nasiem, M. W. Habib, dan M. M. Abdel-Sattar. 1999. Browning Phenomenon: A Serious Problem in Date Palm Tissue Culture. *Journal of Agriculture Science* Vol. 24 (3).

- Fiani, Ari. 2015. Pertumbuhan Enam Populasi nyamplung (*Calophyllum inophyllum*) Ras Lahan Jawa Umur Lima Tahun di Plot Konservasi Ex Situ Cilacap, Jawa Tengah. *Prosiding Seminar Biodiversitas Masyarakat Indonesia* Vol. 1 (4) hal. 900-903.
- Friday, J. B. dan D. Okano. 2006. *Calophyllum inophyllum* (Kamani). Traditional Tree. <http://traditionaltree.org/> (diakses 19 Juni 2018).
- George, E. F., M. A. Hall, dan G. J. de Klark. 2008. *Plant Propagation by Tissue Culture* 3rd Edition Vol. 1 The Background. ISBN 978-1-4020-5005-3.
- Gunawan, M. C. 2017. Biodiesel Buah Nyamplung Solusi Untuk Energi Indonesia (Artikel). KBR.id. https://kbr.id/berita/04-2017/_advertorial__biodiesel_buah_nyamplung_solusi_untuk_energi_indonesia/89919.html (diakses 18 Juli 2019).
- Hutami, Sri. 2008. Ulasan Masalah Pencoklatan pada Kultur Jaringan. *AgroBiogen* Vol.4 (2) hal. 83-88.
- Ikenagnyia, E., E. Omeje, M. A. N. Anikwe, J. Adinde. 2017. Plant Tissue Regeneration and Aseptic Techniques. *Asian Journal of Biotechnology and Bioresource Technology* Vol. 1 (3) hal. 1-6.
- Indah, P. N. dan D. Ermavitalini. 2013. Induksi Kalus Daun Nyamplung (*Calophyllum inophyllum* Linn.) pada Beberapa Kombinasi Konsentrasi 6-Benzylaminopurine (BAP) dan 2,4-Dichlorophenoxyacetic Acid (2,4-D). *Jurnal Sains dan Seni Pomits* Vol. 2 (1) hal. 2337-3520.
- Jimenez, V. M., J. Castillo, E. Tavares, E. Guevara, dan M. Montiel. 2006. In Vitro Propagation of The Neotropical Giant Bamboo, *Guadua angustifolia* Kunth, through Axillary Shoot Proliferation. *Plant Cell, Tissue, and Organ Culture* Vol. 86 (3) hal. 389-395.
- Jones, A. M. P. dan P. K. Saxena. 2013. Inhibition of Phenylpropanoid Biosynthesis in *Artemisia annua* L.: A Novel Approach to Reduce Oxidative Browning in Plant Tissue Culture. *Plos One* Vol.8 (10).
- Kainuma, M., S. Baba, H. T. Chan, T. Inoue, J. Tangah, dan E. W. C. Chan. 2016. Medicinal Plants of Sandy Shores: A Short Review on *Calophyllum inophyllum* and *Thespesia populnea*. *International Journal of Pharmacognosy and Phytochemical Research* Vol. 8 (12) hal. 2056-2062.
- Khamidah, N. dan A. R. B. Darmawan. 2018. Viabilitas Benih Nyamplung (*Calophyllum inophyllum* L.) dari Biji yang Telah Diskarifikasi terhadap Media Tanam yang Berbeda. *Zira'ah* Vol. 43 (1) hal. 104-110.
- Krishnakumar, N., K. Palanisamy, M. Hegde, K. C.S. Warriar, dan M. Krishnamoorthy. 2010. *Manual of Economically Important Forestry*

Species in South India. Institute of Forest Breeding and Genetics. Tamil Nadu, India.

Leksono, B. Widyatmoko. 2010. Strategi Pemuliaan Nyamplung (*Calophyllum inophyllum*) untuk Bahan Baku Biofuel. *Prosiding Seminar Nasional Sains dan Teknologi III: Peran Strategis Sains dan Teknologi dalam Mencapai Kemandirian Bangsa*. Universitas Lampung. Lampung.

Leksono, B., E. Windyarini, dan T. M. Hasnah. 2014a. *Budidaya Tanaman Nyamplung (Calophyllum inophyllum) untuk Bioenergi dan Prospek Pemanfaatan Lainnya*. IPB Press. Kementerian Kehutanan. Jakarta.

Leksono, B., E. Windyarini, dan R. Hendrati. 2014b. Variation of Biofuel Potential of Twelve *Calophyllum inophyllum* Populations in Indonesia. *Indonesian Journal of Forestry Research* Vol. 1 (2) hal. 127 - 138.

Leksono, Budi. 2016. Silvikultur Intensif untuk Pembangunan Hutan Tanaman Energi: Prospek dan Teknik Silvikultur Nyamplung (*Calophyllum inophyllum*) untuk Bahan Bakar Nabati (Biofuel). *Prosiding Seminar Nasional Silvikultur ke-IV Balikpapan 19-20 Juli 2016*. Pusat Pengkajian Perubahan Iklim Universitas Mulawarman.

Leksono, B., E. Windyarini, dan T. M. Hasnah. 2016. *Growth, Flowering, Fruiting, and Biofuel Content of Calophyllum inophyllum in Provenance Seed Stand*. Proceedings of International Conference of Indonesia Forestry Researchers III -2015 "Forestry research to support sustainable timber production and self- sufficiency in food, energy and water", IPB International Convention Centre. Bogor.

Mathers, J. P. dan P. E. Roberts. 1998. *Introduction to Cell and Tissue Culture, Theory and Techniques*. Plenum Press. New York.

Nursen, C. dan C. Aki. 2011. Inhibition of Browning Problem during Micropropagation of *Sideritis trojana* Bornm., an Endemic Medicinal Herb of Turkey. *Romanian Biotechnological Letters* Vol. 16 (6).

Olaiya, C.O. dan O. Osonubi. 2009. Effects of pre-sowing treatments on Tomato (*Lycopersicon esculentum* (L.) Mill) Seedling Emergence. *International Journal of Eng and Tech* Vol 1 (4) hal. 321-323.

Orwa dkk. 2009. *Agroforestry Database 4.0: Calophyllum inophyllum*. World Agroforestry. http://www.worldagroforestry.org/treedb/AFTPDFS/Calophyllum_inophyllum.PDF (diakses 18 Juni 2018).

Oudhia, Pankaj. 2007. *Calophyllum inophyllum* (Datasheet). Ecocrop. <http://ecocrop.fao.org/ecocrop/srv/en/cropView?id=588> (diakses 18 Juni 2018).

Patena, L. F. dan R. C. Barba. 2011. The Development of Techniques for Tissue Culture of Mango (*Mangifera indica* L.) var. Carabao and Successful

Transfer of Ex Vitro-Grafted Plants to Soil and The Field. *In Vitro Cell Development Biology*. Vol 47 hal. 629-636.

- Putri, A. I., T. Herawan, Prastyono, dan L. Haryjanto. 2017. Pengaruh Teknik Sterilisasi Eksplan terhadap Tingkat Perolehan Kultur Jaringan Aksenik Ramin (*Gonystylus bancanus*). *Jurnal Pemuliaan Tanaman Hutan* Vol. 11 (2) hal. 131-138.
- Putri, A. I. dan B. Leksono. 2018. *In Vitro Growth of Nyamplung (Calophyllum inophyllum): The Future Generation Biofuel Plants (Conference Paper)*. ICUE 2018 on Green Energy For Sustainable Development Phuket, Thailand, 24- 26 October 2018.
- Rukmorini, Regina. 2012. *Purworejo Produksi 6.000 Liter Biodiesel Nyamplung* (Artikel). Kompas.com 5 Maret 2012. <https://regional.kompas.com/read/2012/03/05/21221878/Purworejo.Produksi.6.000.Liter.Biodiesel.Nyamplung> (diakses 18 Juli 2019).
- Skupa, P., Z. Opatmy, dan J. Petrsek. 2014. Auxin Biology: Applications and The Mechanisms Behind dalam Nick P. dan Z. Opatrny: Applied Plant Cell Biology, Plant Cell Monographs Vol. 22. Springer. Berlin.
- Sharma, G., S. Jagetiya, dan R. Dashora. 2015. *General Techniques of Plant Tissue Culture*. Lulu Press Inc. Raleigh. North Carolina, Amerika Serikat.
- Susanto, D. F., H. W. Aparamarta., A. Widjaja, dan S. Gunawan. 2017. Identification of Phytochemical Compounds in *Calophyllum inophyllum* Leaves. *Asia Pacific Journal of Tropical Biomedicine* Vol. 7 (9) hal. 773-781.
- Thengane, S. R., S. V. Bhosle, S. R. Deodhar, K. D. Pawar, dan D. K. Kulkarni. 2006. Micropropagation of Indian Laurel *Calophyllum inophyllum*, a Source of Anti-HIV Compounds. *Current Science* Vol. 90 (10).
- Wilkins, M. B. 1969. *Physiology of Plant Growth and Development TMH Edition*. Tata McGraw-Hill Publishing. Bombay, India.
- Zaid, A. 1987. In-vitro Browning of Tissues and Media with Special Emphasis to Date Palm Cultures-A Review. *Acta Horticulturae* Vol. 212 hal. 561-566.