DAFTAR PUSTAKA

Anas, A., Kholibrina, C.R., Lumbantobing, S. (2018). Karakteristik buah, benih dan daya kecambah *Macadamia integrifolia* di Persemaian Aek Nauli, Sumatera Utara. *Jurnal Penelitian Kehutanan Sumatrana*. 2 (1) : 39 – 46.

Aradhya, M.K., Yee, L.K., Zee, F.T. & Manshardt, R.M. (1998). Genetic variability in Macadamia. Genetic Resources. *Crop Evolution* 44: 1-14

Aswandi. Pratiara, & R.K. Cut. (2017). Pengembangan Agroforestry Makadamia dan Lebah Madu: Upaya Rehabilitasi Lahan Kritis di Danau Toba. *Policy Brief*, Vol. 11, no. 11, pp: 3-5,

Australian Macadamia Society [AMS]. (2008). The Australian Macadamia Nut Industry. http://www.macadamias.org/, August, 2008.

Bahar, H., Zen, S. (1993). Parameter genetik pertumbuhan tanaman, hasil dan komponen hasil jagung. *Zuriat*. 4(1):13-20.

Ben-Jaacov, J., & Silber, A. (2006). Leucadendron: a major proteaceous floricultural crop. *Horticultural Reviews*, 32:167–228.

Borompichaichartkul, C., N. Chinprahast, S. Devahastin, L. Wiset, N. Poomsa-ad, & T. Ratchapo. (2013). Multistage Heat Pump Drying of Macadamia nut Under Modified Atmosphere. *International Food Research Journal*, vol. 20, no. 5, pp 2199-203.

Bustamam, M., & Mahrup. (2003). Panduan Pengoperasian Program Numerical Taxonomy System (NTSYS-Pc) Versi 1.8 dan Winboot Untuk Analisis Klaster. Penyunting Endang M. Septiningsih. Balai Penelitian Bioteknologi dan Sumberdaya Genetik Pertanian.

Carena, M. (2021). Germplasm enhancement and cultivar development: the need for sustainable breeding. *Crop Breeding and Applied Biotechnology* 21: e385621S4.

Curb, J.D., Wergowske, G., Dobbs, J.C., Abbott, R.D., Huan, G.B. (2000). Serum lipid effects of a high monounsaturated fat diet based on macadamia nuts, Arch. *Intern. Med*. 160(8), 1154-8.

Dardengo, M.C.J.D., Sousa, E.F., Reis, E.F., Gravina, G.D.A. (2013). Growth and quality of conilon coffee seedlings produced at different containers and shading levels. *Coffee Sci*. 8(4):500-509.

De Wet, J.M.J. (1989). Cereals for the semi-arid tropics. In Plant Domestication by Induced Mutation, *Proceedings of the Advisory Group Meeting on The Possible Use of Mutation Breeding for Rapid Domestication of New Crop Plants*, Vienna, Austria, 17–21 November 1986; Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture: Rome, Italy,pp. 79–88.

Debouck, D.G. (2003). Managing Plant Genetic Diversity. *Crop Sci*. 43, 749–750.

Djaenudin, D., Saefoel, S., & Suharjo, H. (2001). Lahan yang berpotensi untuk pengembangan makadamia (*Macadamia integrifolia*) di Indonesia. *Jurnal Penelitian dan Pengembangan Pertanian* 2 (1) : 32 – 37.

Duke, J. A. (1983). *Handbook of Energy Crops*. NewCROPS web site, Purdue University.

Dwiatmini, K., Mattjik, swidinnoor, N.A.A. & Toruan-Matius, N.L. (2003). Analisis Pengelompokan dan Hubungan Kekerabatan Spesies Anggrek Phalaenopsis Berdasarkan Kunci Determinasi Fenotipik Dan Marka Molekuler RAPD. *Jurnal Holtikultura* 13 (1):16-27.

Gitonga LN, Nyakundi W, Ruto ST, Watiki B, Balozi F, Takayama E. (2001). Vegetative propa-gation of macadamia nut (*Macadamia integrifolia*, (*M. integrifolia *M. tetraphylla*) hybrids). Proc-eedings of the Horticultural seminar on sustainable horticultural production in the tropics. *JKUAT*. October 3 rd –6 th 2001

Gitonga, L., Kahangi, E., Muigai, A., Ngamau, K., Gichuki, S., Cheluget, W., Wepukhulu, S. (2008). Assessment of phenotypic diversity of macadamia (*Macadamia* spp) germplasm in Kenya using leaf and fruit morphology. *Afr. J. Plant Sci. 2*, 86–93.

Gonzalez, N., Vanhaeren, H., Inze, D. (2012). Leaf size control: Complex coordination of cell division and expansion. *Trends Plant Sci.* 17, 332–340.

Gosal, S.S., Wani, S.H., Kang, M.S. (2010). Biotechnology & crop improvement. *J. Crop. Improv.* 24, 153–217.

Grass, I., M. Svenja, J.T., Peter. Taylor, F., Stefan, H., Peter. & T., Teja. (2018). "Pollination Limitation Despite Managed Honeybees in South African makadamia orchards". *Agriculture, Ecosystems, and Environment*, vol. 260, no. 2, pp.12-18.

Gross, C.L., Weston, P.H. (1992). *Macadamia jansenii* (Proteaceae), a new species from central Queensland. *Aust. Syst. Bot*. 5, 725–728.

Guarino, L. (2003). Approaches to measuring genetic erosion. PGR Documentation and Information in Europe—Towards a sustainable and user-oriented information infrastructure. *In Proceedings of the EPGRIS Final Conference Combined with a Meeting of the ECP/GR Information and Documentation Network*, Prague, Czech Republic, 11–13.

Hadiatmi, T. S. (2000). Eksplorasi Plasa Nutfah Tanaman Pangan. *Laporan Hasil Penelitian*, 7 halaman.

Harden, G.J, Hardin, D.W. *et al.* (2000). Proteaceae of NSW. UNSW Press, Sydney.

Hardner, C., Winks, C., Stephenson, R., Gallagher, E. (2001). Genetic parameters for nut and kernel traits in macadamia. *Euphytica 117*, 151–161.

Hardner, C.M., Peace, C., Lowe, A.J., Neal, J., Pisanu, P., Powell, M., Schmidt, A., Spain, C., Williams, K. (2009). Genetic resources and domestication of

macadamia. In *Horticultural Reviews*; Janick, J., Ed.; Wiley-Blackwell: Hoboken, NJ, USA, Volume 35, pp. 1–125.

Hasanah, M., Sukarman & D. Rusmin. (2006). *Makadamia unggul harapan*. Balai Penelitian Tanaman Rempah dan Aneka Tanaman Industri, Sukabumi.

INC. (2020). Nuts & Dried Fruits Statistical Yearbook: 2019/2020. REUS, Spain: International Nut and Dried Fruit.

ITC. (2020, 03 21). International Trade Centre. Retrieved from Trade Map: Trade Statistics for international business Development: https://www.trademap.org/Country_SelProduct_TS.aspx?nvpm=1%7c%7c%7c%7c%7c%7c119929%7c%7c6%7c1%7c1%7c2%7c2%7c1%7c2%7c2%7c1%7c1(Diakses pada tanggal 21 Agustus 2024)

Ivetić, V., Grossnickle, S., Škorić, M. (2016). Forecasting the field performance of Austrian pine seedlings using morphological attributes. *iForest-Biogeosciences For*. 10, 99–107.

Karimi, R., Ershadi, A., Vahdati, K., Woeste, K. (2010). Molecular Characterization of Persian Walnut Populations in Iran with Microsatellite Markers. *HortScience 45*, 1403–1406.

Khomaeni, H.S., Rahadi, V.P., Ruhaendi, E., Santoso, B. (2015). Variabilitas genetik dan fenotipik karakter pertumbuhan dan komponen pertumbuhan benih hasil perbanyakan vegetatif klon-klon teh yang diperoleh melalui persilangan buatan. *Jurnal Agro*. 2(1):10-14.

Kiuru, P., Nyaga, A.N., Wasilwa, L. (2004). A Review of macadamia research in Kenya. *Proceedings of the Macadamia Stakeholders meeting*. 15 th June, 2004. KARI HQTs, pp 6-11.

Leigh, D.S. (1973). Notes on macadamia propagation in New South Wales. Reprint from California Macadamia Society Yearbook, 1973.

Leverington, R.E. **(**1961). Evaluation of macadamia nut varieties for processing. *Qld. J. Agric. Sci. 19*, 33–46.

Mai, T., Alam, M., Hardner, C., Henry, R., Topp, B. (2020). Struktur Genetik Plasma Nutfah Liar Macadamia: Penetapan Spesies, Keanekaragaman, dan Hubungan Filogeografi. *Plants* , *9* , 714. https://doi.org/10.3390/plants9060714

Marron, N., Ceulemans, R. (2006). Genetic variation of leaf traits related to productivity in a Populus deltoides × Populus nigra family. Can. *J. For. Res*. 36, 390–400.

Martos, V., Royo, C., Rharrabti, Y., Garcia Del Moral, L.F. (2005). Using AFLPs to determine phylogenetic relationships and genetic erosion in durum wheat cultivars released in Italy and Spain throughout the 20th century. *Fields Crop*. Res. 91, 107–116.

McConachie, I. (1980). *The Macadamia story*. Macadamia consultants Pty limited, Brisbane, Queensland, Australia.

McHargue, L.T. (1996). Macadamia production in southern California. In. Janick J (ed), *Progress in new crops*. ASHS Press, Arlington, VA. pp. 458-462.

Mondal, R., Kumar, A., Gnanesh, B.N. (2023). Crop germplasm: Current challenges, physiological-molecular perspective, and advance strategies towards development of climate-resilient crops. *Heliyon*. 16;9(1):e12973. doi: 10.1016/j.heliyon.2023.e12973.

Nock, C.J., Hardner, C.M., Montenegro, J.D., Termizi, A.A.A., Hayashi, S., Playford, J., Edwards, D., Batley, J. (2019). Wild Origins of Macadamia Domestication Identified through Intraspecific Chloroplast Genome Sequencing. *Front. Plant Sci. 10*, 1–15.

Nyakundi W, Gitonga L. (1993). *Macadamia Propagation handbook*. JICA

Parshotam, A. (2018). *Cultivating Smallholder Inclusion in Southern Africa's Macadamia Nut Value Chains*. South African Institute of International Affairs: Pretoria, South Africa.

Peace, C.P. (2004). Genetic Characterisation of Macadamia with DNA Markers. Ph.D. Thesis, University of Queensland, Brisbane, Australia,

Peace, C.P., Vithanage, V., Turnbull, C.G.N. & Carroll, B.J. (2003). A genetic map of macadamia based on randomly amplified DNA fingerprinting (RAF) markers. *Euphytica* 134 (1): 17-26.

Pinaria, A, A. Baihaki, R. Setiamihardja & A.A. Darajat. (1995). Variabilitas genetik dan heritabilitas karakter-karakter biomassa 53 genotipe kedelai. *Zuriat* 6 (2) : 88-92.

Puspitaningtyas, D.M. (2018). "Pohon Maladewa (*Macadamia hildebrandii Steenis*) tumbuhan endemik Sulawesi, koleksi baru Kebun Raya Bogor dan Kebun Raya Enrekang. *Warta Kebun Raya* Vol. 12 No. 1 Hal. 3-7

Rahman, M.M., Rasul, M., Hassan, N.M.S., Hyde, J. (2016). Prospects of Biodiesel Production from Macadamia Oil as an Alternative Fuel for Diesel Engines. *Energies*. 9, 403. https://doi.org/10.3390/en9060403

Rıcks, D.R. (1991). Functional natural oils. *Cosm & Toil*., 106(2), 77-82.

Ross-Ibarra, J., Morrell, P.L., Gaut, B.S. (2007). Plant domestication, a unique opportunity to identify the genetic basis of adaptation. *Proc. Acad. Natl. Sci*. USA , 104 (Suppl. 1), 8641–8648.

Ryan, S. 2006. Conservation Management Profile: Queensland Nut Tree Macadamia integrifolia. *Ecosystem Conservation Branch*, EPA.

Sedgley, M., Bell, F.D.H., Bell, D., Winks, C.W. & Pattison, S.J. (1990). Self- and cross-compatibility of macadamia cultivars *J. Hort. Sci.* 65 205 213.

Shigeura, G.T., Ooka, H. (1984). Macadamia nuts in Hawaii, history and production. In *Research Series, Hawaii Institute of Tropical Agriculture and Human Resources*; University of Hawaii: Honolulu, HI, USA, pp. 6–22.

Singh, B.P., Singh, B., Mishra, S., Kumar, V., Singh, N.K. (2016). Genetic diversity and population structure in Indian wild rice accessions. *Aust. J. Crop Sci. 10*, 144–151.

Steel, R. G. D., & J. H. Torrie. (1995). Prinsip dan Prosedur Statistika. Edisi ke-4. Penerbit Gramedia Pustaka Utama, Jakarta. (Diterjemahkan oleh B. Sumantri).

Steiger, D.L., Moore, P.H., Zee, F., Liu, Z. A. & Ming, R. (2003). Genetic relationships of macadamia cultivars and species revealed by AFLP markers. *Euphytica* 132: 269-277

Storey, W.B. (1960). Macadamia Selection on the Basis of Nut Quality. Calif. Macad. Soc. 9, 69–74.

Storey, W.B., Salleeb, W.F. (1966). Genetics of four vegetative charactersin an interspecific Macadamia Hybrid. *California Macadamia Society Yearbook*, Vol XII pp 77-88.

Susantidiana, A., Wijaya, B., Lakitan, M., Surahman. (2009). Identifikasi beberapa aksesi jarak pagar (*Jatropha curcas* L.) melalui analisis RAPD dan morfologi. *J. Agron*. Indonesia 37:167-173.

Topp, B.L., Nock, C.J., Hardner, C.M., Alam, M. & O'Connor, K.M. (2019). Macadamia (*Macadamia* spp.) breeding. In Al-Khayri JM, Jain S and Johnson D (eds) Advances in plant breeding strategies: nut and beverage crops. *Springer International Publishing, Cham*, p. 221-251.

Trueman, S.J. (2013). The reproductive biology of macadamia. *Sci Hortic 150*:354–359

Trustinah. (1997). Pewarisan Beberapa Sifat Kualitatif dan Kuantitatif pada Kacang Tunggak (*Vigna unguiculata* (l) walls). *Penelitian Pertanian Tanaman Pangan*, 15(2): 48-53.

Tsakaldimi, M., Ganatsas, P., Jacobs, D.F. (2013). Prediction of planted seedling survival of five Mediterranean species based on initial seedling morphology. New Forest. 44:327–339

UPOV. (1987). *Guidelines fot the conduct of tests for Distinctness, Homogeneity, and Stability Macadamia (Macadamia integrifolia* Maiden et Betche and *Macadamia tetraphylla* L,A,S, Johnson*)*. Pp 1-23.

Vahdati, K., Karimi, R. (2015). Ershadi, A. Genetic Structure of Some Wild Walnut Populations in Iran. *Acta Hortic.* 125–128.

Waithaka, J.H.G. (2001). Sustainable commercial tree crop farming: A case for Macadamia nuts. *Paper presented at the USAID African Sustainable Tree Crops Programme Conference 18 th April 2001*, Nairobi, Kenya.

Walton, D.A., Randall, B.W., Le Lagadec, M.D., Wallace, H.M. (2013). Maintaining high moisture content of macadamia nuts-in-shell during storage induces brown centres in raw kernels. *J. Sci. Food Agric*. 93, 2953–2958.

Warschefsky, E.; Penmetsa, R.V.; Cook, D.R.; Von Wettberg, E.J.B. (2014). Back to the wilds: Tapping evolutionary adaptations for resilient crops through systematic hybridization with crop wild relatives. *Am. J. Bot*. , 101, 1791 1800.

Widiastuti, A.V., Asyiah, I.N., Pujiastuti. (2021). Morphology and Economic Value of Macadamia. *Berkala Sainstek.* 9(4): 153-159. doi: 10.19184/bst.v9i4.23380.

Wood, L.G., Garg, M.L. (2011). Macadamia nut (*Macadamia integrifolia* and *tetraphylla*) and their use in hypercho; esterolemic subjects. In. Victor, R., Preedy, V.R., Watson. R.R., Patel.V.B. (Eds). Nuts and Seeds inHealth and Disease Prevention. Academic. Prees, London, UK. Dalam Functional Dietary Lipids, Food Formulation. Consumer Issues and Innovation for health, diedit oleh Thomas Sanders. Woodhead Publishing. P 89-90.

Wright, B.D. (1997). Crop genetic resource policy: The role of ex situ gene banks. Aust. *J. Agric. Resour. Econ.* 41, 81–115.

Wright, I.J., Reich, P.B., Cornelissen, J.H.C., Falster, D.S., Groom, P.K., Hikosaka, K., Lee, W., Lusk, C.H., Niinemets, Ü., Oleksyn, J. (2005). Modulation of Leaf Economic Traits and Trait Relationships by Climate. Glob. Ecol. *Biogeogr*. 14, 411–421.

Wright, S. (1990). Evolution in mendelian populations. *Bull. Math. Biol. 52*, 241–295.

Zuza E.J., Araya, Y.N., Maseyk, K., Bhagwat, S., Brandenburg, R.L., Emmott, A., Rawes, W., Phiri, P., Mkengala, K., Kenamu, E. (2024). Farmer preference for macadamia varieties and constraints to production in Malawi. *PLoS One.* 23;19(2):e0293488. doi: 10.1371/journal.pone.0293488.

Zuza, E.J., Maseyk, K., Bhagwat, S.A., de Sousa, K., E.A., Rawes, W., Araya, Y. N. (2021). Climate suitability predictions for the cultivation of macadamia (*Macadamia integrifolia*) in Malawi using climate change scenarios. *PLOS ONE*, 16(9), article no. e0257007.