

DAFTAR PUSTAKA

- Amoah, M., & Inyong, S. (2019). Comparison of some physical, mechanical and anatomical properties of smallholder plantation teak (*Tectona grandis* Linn. f.) from dry and wet localities of Ghana. *Journal of the Indian Academy of Wood Science*, 16(2), 125-138.
- Bamber, R. K., & Fukazawa, K. (1985). Sapwood and heartwood: A review. *Forestry Abstracts*, 46(9), 567-580.
- Butterfield, B. G., & Meylan, B. A. (1980). *Three-dimensional structure of wood: An ultrastructural approach*. Chapman and Hall.
- Cardoso, S., Sousa, V. B., Quilhó, T., & Pereira, H. (2015). Anatomical variation of teakwood from unmanaged mature plantations in East Timor. *Journal of Wood Science*, 61(3), 326-333.
- Chudnoff, M. (1984). *Tropical timbers of the world*. USDA Forest Service Agriculture Handbook No. 607.
- Damayanti R. (2010). Struktur Makro, Mikro, dan Ultramikroskopik Kayu Jati Unggul Nusantara dan Kayu Jati Konvensional. Tesis. Institut Pertanian Bogor. Bogor. Tidak Diterbitkan
- Damiri, M. & Yanciluk. (2015). Variabilitan kualitas kayu mahang (*Macaranga hypoleuca*) dari Kalimantan Tengah. *Jurnal Hutan Topika*, 10(1), 46-53.
- Dharmawan, W., Marsoem, S. N., & Nugroho, W. D. (2019). Evaluasi mutu kayu jati hasil pengembangan klon JPP (Jati Plus Perhutani). *Jurnal Ilmu dan Teknologi Kayu Tropis*, 17(2), 135-146.

- Dorwu, F. K., Antwi, K., Mensah, P., de Oliveira PAULA, E. A., Rusch, F., Pimenta, A. S., & de Melo, R. R. (2024). Variation of the anatomic characteristics of *Anthocleista grandiflora* wood as a function of tree age and trunk position. *Nativa*, 12(2).
- FAO. (2020). *Global Forest Resources Assessment 2020: Main report*. Food and Agriculture Organization of the United Nations.
- Fichtler, E. & Worbe, M. (2012). Wood anatomical variables in tropical trees and they relation to site conditions and individual tree morphology. *IAWA J* 33:119-140.
- Hamdan, H. A. A., & Mahfudz, M. (2016). Genetic parameter estimation of teak clonal test at 5 years old in Wonogiri, Central Java. *Jurnal Wasian*, 3(1), 17–24.
- Haygreen, J. G., & Bowyer, J. L. (1996). *Forest products and wood science: An introduction* (3rd ed.). Iowa State University Press.
- He, L., Fu, Y., Liu, Z., & Wei, P. (2023). Structural variation patterns in xylem vessels and parenchyma cells and their association with tree evolution. *Forests*, 14(5), 950.
- Hidayati, F., Ishiguri, F., & Marsoem, S. N. (2017). Anatomical characteristics and air-dry density of young trees of teak clones planted in Indonesia. *Journal of the Korean Wood Science and Technology*, 45(4), 463-470.
- Hillis, W. E. (1987). *Heartwood and tree exudates*. Springer-Verlag.
- IAWA Committee. (1989). IAWA list of microscopic features for hardwood identification. *IAWA Bulletin*, 10(3), 219–332.

- Indrayanti, L., Siska, G., & Wardhani, I. Y. (2020). A preliminary investigation into the suitability of Kawui wood (*Vernonia arborea*) for pulp and paper. *International Wood Products Journal*, 11(3), 154-161.
- Krishnamurty, H. G., Rao, R. V., & Shukla, S. R. (1998). Wood quality variations in *Tectona grandis* due to growing conditions. *IAWA Journal*, 19(3), 291–299.
- Lempang, M. N., Roliadi, H., & Nugroho, W. D. (2013). Kajian ketahanan alami dan permeabilitas kayu gubal dan teras jati klon umur 8 tahun terhadap pengawetan. *Jurnal Ilmu dan Teknologi Hasil Hutan*, 6(1), 1–11.
- Nugroho, W. D., Mohammad, N. I., Lukmandaru, G., Feriawan, Y., Prastiwi, F. W., Wibowo, A., & Puspitasari, D. (2024). Physical and mechanical properties of 20-year-old clonal teak trees in Ngawi, East Java, Indonesia. *Journal of the Korean Wood Science and Technology*, 52(5), 459–472.
- Pandit, I. K. N., & Ramdan, H., (2002). *Anatomi kayu: Pengantar sifat kayu sebagai bahan baku*. Yayasan Penerbit Fakultas Kehutanan, IPB. Bogor.
- Panshin, A. J., & de Zeeuw, C. (1980). *Textbook of wood technology* (4th ed.). McGraw-Hill.
- Prawirohatmodjo, S., (1977). *Ilmu Kayu*. Yayasan Pembina Fakultas Kehutanan UGM. Yogyakarta.
- Ren, S., Wang, Z., Yan, L., Feng, Q., Chen, Z., & Zhao, R. (2023). Comparison of anatomical characteristics and chemical compositions between sapwood and heartwood of *Michelia macclurei*. *Industrial Crops and Products*, 193, 116190.

- Rosyid, D. M., & Marsoem, S. N. (2015). Sifat fisika dan mekanika kayu jabon berdasarkan posisi aksial dan radial batang. *Jurnal Ilmu dan Teknologi Hasil Hutan*, 8(1), 1–8.
- Skaar, C. (1988). *Wood-water relations*. Springer-Verlag.
- Susdiyanti, T., Lidiawati, I., & Abiksak, A. (2023). Struktur Anatomi dan Sifat Fisik Kayu Jati (*Tectona grandis* LF) Unggul Nusantara Trubusan pada Umur 8 Tahun. *Jurnal Hutan Lestari*, 11(1), 28-38.
- Taylor, A. M., Gartner, B. L., & Morrell, J. J. (2002). Heartwood formation and natural durability: A review. *Wood and Fiber Science*, 34(1), 13–38.
- Tsoumis, G. (2013). *Wood as raw material: source, structure, chemical composition, growth, degradation and identification*. Elsevier.
- Zobel, B. J., & van Buijtenen, J. P. (1989). *Wood variation: Its causes and control*. Springer-Verlag.