

DAFTAR PUSTAKA

- Andianto. 2010. *Ciri Anatomi Lima Jenis Kayu Penghasil Gaharu dan Dua Jenis Kerabatnya*. Bogor. Pusat Penelitian dan Pengembangan Hasil Hutan.
- Arief, A. 2003. *Hutan Mangrove*. Penerbit Kanisius. Jakarta.
- Akachuku, A.E. 1985. Cost-Benefit analysis of wood and food component
grisilvicultural in Nigerian forest zone. *Agroforestry Systems*. 3: pp 307-316.
- Almedie, F.A. 2013. *Impacts of Climate Change on Plant Growth, Ecosystem Services, Biodiversity and Potential Adaptation Measures*. Department of Biological and Environmental Science. University of Githenburg. Sweden.
- Bismark ME, Subiandono dan Heriyanto NM. 2008. Keragaman dan Potensi Spesies Serta Kandungan Karbon Hutan Mangrove di Sungai Subelen Siberut, Sumatera Barat. *Jurnal Penelitian Hutan dan Konservasi Alam*, 3 (3), 297-306.
- Bowyer, J. L., R. Shmulsky dan J. G. Haygreen. 2003. *Forest Products and Wood Science, An Introduction, 1th edision*. Iowa State Press, USA.
- Brauning, P. Von Schnakenburg, F. Volland-Voigt and T. Peterse. 2008. Seasonal growth dynamics and its climate forcing in a tropical mountain rain forest in southern ecuador. *TRACE*. University of Erlangen-Nuremberg. Germany.
- Departemen Kehutanan. 2008. *Eksekutif data strategis kehutanan 2008*. Departemen Kehutanan. Jakarta.
- Djajadilaga, M., 2012, *Indeks Kualitas Lingkungan Hidup Indonesia 2011*, Kementerian Lingkungan Hidup, Jakarta.
- Doccola, J.J., P.M. Wild, E.J. Bristol and C. Taylor. 2005. *Arborjet : Conifer VS Hardwood Anatomy*. Arborjet Inc. USA.
- Duke, N. C. 1992. *Mangrove Floristics and Biogeography*. Hlm. 63 – 100. American Geophysical Union. Washington D. C.

- Estrada GCD, Callado Ch, Soares MLG And liSi CS. 2008. Annual growth rings in the Mangrove *Languncularia racemosa* (Combretaceae). *Forestry Journal* 22: 663 – 670.
- Fletcher. T.L., P.T. Moss, W Steven and Salisbury. 2015. Wood growth indices as climate indicators from the Upper Cretaceous (Cenomanian – Turonian) portion of the Winton Formation. *Palaeogeography, palaeoclimatology, palaeoecology*. Australia.
- Fonti, PG, Arx, I. Garcia-Gonzalez, B, Eilmann, U, Sass-Klaassen, H, Gartner and Eckstein, D. 2010. *Studying Global Change through Investigation of the Plastic Responses of Xylem Anatomy in Tree Rings*. *New Phytol*, 185:42–53.
- Garcia-Suarez A.M., C.J. Butlera and M.G.L. Baillie. 2009. Climate signal in tree ring chronologies in a temperate climate: A multi-species approach. *Denndrochronologia*. UK.
- Haygreen J.G., R. Shmulsky and J.L. Bowyer. 2003. *Forest Product and Wood Science, An Introduction*. The Iowa State University Press. USA.
- Kusmana, C., S. Wilarso., I. Hilwan., Pamungkas., C. Wibowo., T. Tiryana., A. Triswanto., Yusnawi & Hamzah. 2003. *Teknik Rehabilitasi Mangrove*. Fakultas Kehutanan Institut Pertanian Bogor. Bogor.
- Maideliza T., Mayerni R., Rezki D., 2017. Comparative Study Of Length And Growth Rate of Ramie (*Boehmeria nivea* L. Gaud.) Bast Fiber of Indonesian Clones. *Journal Advanced Science Engineering*.
- Mandang, Y.I. dan I.K.N. Pandit. 1997. *Pedoman Identifikasi Spesies Kayu di Lapangan*. Yayasan PROSEA. Bogor
- Mansyurdin, Maideliza T., Chairul, Susiana E., 2016. Studi Lingkar Tumbuh Pohon di Kawasan Taman Hutan Nasional Siberut Kepulauan Mentawai. *Journal of Biological Sciences*.

- Matatula, J. 2010. *Kajian Kualitas Habitat Mangrove Berdasarkan Pertumbuhan Tanaman Rehabilitasi di Kawasan Pantai Teluk Kupang Nusa Tenggara Timur*. PSIK UGM Yogyakarta
- McGuinness, K. A. 1997. Seed Predation in a Tropical Mangrove Forest-A Test of Dominance-Predation Model I on Northern Australia. *Journal of Tropical Ecology* 13(2): 293-302.
- Murdiyanto, B. 2003. *Mengenal, Memelihara, dan Melestarikan Ekosistem Bakau*. Jakarta: Direktorat Jenderal Perikanan Tangkap Departemen Kelautan dan Perikanan
- Pandit, I.K.N. dan H. Ramdan. 2002. *Anatomi Kayu : Pengantar Sifat Kayu sebagai Bahan Baku*. Yayasan Penerbit, Fakultas Kehutanan IPB, Bogor
- Panshin, A.J. dan Carl de Zeeuw. 1980. *Text Book of Wood Technology*. Mcgraw Hill Book Company. New York.
- Rizki, Leilani I., 2017. Etnofarmakologi Tumbuhan Famili Rhizophoraceae oleh Masyarakat di Indonesia. *Jurnal Biologi dan Pendidikan Biologi*. Program Studi Pendidikan Biologi STKIP PGRI Sumatera Barat. Padang
- Sass JE. 1958. *Botanical Microtechnique. 3rd ed.* IOWA: Iowa State College Press.
- Soerianegara, I.1987. *Masalah Penentuan Jalur Hijau Hutan Mangrove*. Pros. Sem. III Ekos. Mangrove. MAB-LIPI: 3947.
- Sucipto, T. 2009. *Struktur Anatomi Dan Identifikasi Jenis Kayu*. Universitas Sumatera Utara. USURepository. Medan.
- Tomlinson, P.B. 1986. *The Botany of Mangroves*. Cambridge University Press, Cambridge, U.K.
- Tsoumis, G. 1991. *Science and Technology of Wood* . New York.
- Utomo, R..N. 2006. *Struktur anatomi kayu jati plus perhutani kelas umur I asal KPH Bojonegoro*. Tesis. Fakultas Kehutanan Institut Pertanian Bogor. Bogor.



- Verheyden, A., J.G. Kairo, H. Beeckman & N. Koedam. 2004. Growth rings, growth ring formation and age determination in the mangrove *Rhizophora mucronata*. *Ann. Bot.* 94: 59–66.
- Warsono, T. 2000. *Keanekaragaman Hayati dan Konservasi Ekosistem Mangrove*. Diskusi panel Prodi Biologi Konservasi FMPIA-UI. Depok.
- Wheeler, EA., P., Gason., and P. Bass. 1989. *IAWA list of microscopic features for hardwood identification*. *IAWA Bull.* N.s. 10 (3): 219 – 332
- Widenhoeft, A.C., Regis, B.M.2005. *Structure and function of wood*. In: *Handbook of Wood Chemistry and Wood Composites*, Ed. Rowell, R.M. CRC Press, Boca Raton, FL. Pp. 99 – 32.
- Xu, J. Lu, F. Bao, R. Evans and G.M. Downes. 2013. Climate Response of Cell Characteristics in Tree Rings of *Picea crassifolia*. *Holzforschung*.
- Yulizah, Maideliza T., Nurainas. 2017. Analisa Pertumbuhan Lingkaran Tumbuhan Beberapa Jenis Pohon Sebagai Indikator Perubahan Iklim. *Jurnal Dendroklimatologi*.
- Zahner, R. (1968). *Water Deficits and Growth of Trees*. USA: Academic Press.

