

DAFTAR PUSTAKA

- [IPCC] Intergovernmental Panel on Climate Change. 2001. *Climate Change, the Scientific Basis*. Cambridge University Press. Cambridge. UK.
- Akachuku, A.E. 1985. Cost-Benefit analysis of wood and food component grislivicultural in Nigerian forest zone. *Agroforestry Systems*. 3: pp 307-316.
- Andianto. 2010. *Ciri Anatomi Lima Jenis Kayu Penghasil Gaharu dan Dua Jenis Kerabatnya*. Bogor. Pusat Penelitian dan Pengembangan Hasil Hutan.
- Anwar, J., J. D. Sengli, H. Nazaruddin, J. W. Anthony. 1984. *Ekologi Ekosistem Sumatera*. Gadjah Mada University Press. Yogyakarta.
- Bappenas. 2014. Rencana Aksi Nasional Adaptasi Perubahan Iklim (RAN-API). Jakarta: Badan Perencanaan Pembangunan Nasional.
- Brandez, A.F.dN., Albuquerque, R.P., de Moraes, L.F.D. and Barros, C.F. 2016. Annual Tree Rings in *Piptadenia gonoacantha* (Mart.) J.F.Macbr. in A Restoration Experiment in the Atlantic Forest : Potential for Dendroecological Research. *Acta Botanica Brasilica*.
- Copenheaver, C. A., E. A. Pokorski, J. E. Currie, and M. D. Abrams. 2006. Causation of false ring formation in *Pinus banksiana*: a comparison of age, canopy class, climate and growth rate. *For. Ecol. Manag.* 236: 348-355.
- Departemen Kehutanan. 2008. *Eksekutif data strategis kehutanan 2008*. Departemen Kehutanan. Jakarta.
- Djufri. 2012. "Analisis Vegetasi pada Savana Tanpa Tegakan Akasia (*Acacia nilotica*) di Taman Nasional Baluran Jawa Timur." *Jurnal Ilmu Pendidikan Biologi, Biologi Edukasi*. Vol 4, Nomor 2, Desember 2012, hlm 104-111.
- Douglass. 1924. Some Aspect of The Annual Rings of Trees in Climatic Study. Wasington. Government Printing Office.
- Fritts, H.C. 1976. *Tree Rings and Climate*. Academic Press Inc. London.
- Grissino-Mayer, H.D. 2003. A Manual and Tutorial for the Proper Use of An Increment Borer. *Tree Ring Research*, 59 : 63-79.
- Haygreen J.G., R. Shmulsky and J.L. Bowyer. 2003. *Forest Product and Wood Science, An Introduction*. The Iowa State University Press. USA.
- Irawan, Bambang. 2006. "Fenomena Anomali Iklim El Nino dan La Nina: Kecenderungan Jangka Panjang dan Pengaruhnya Terhadap Produksi Pangan." *Forum Penelitian Agro Ekonomi*, Vol. 24.1, hal. 28-45.

- Iswanto, A.H. 2008. Struktur Anatomi Kayu Daun Lebar (Hardwood) dan Kayu Daun Jarum (Softwood). e-Repository USU. Sumatera Utara.
- Jones, P.D. 2010. Basic Guide to Identification of Hardwoods and Softwoods Using anatomical Characteristics. Mississippi State University
- Kozlowski, T.T. 1971. *Growth and Development of Trees: Cambial Growth, Root Growth and Reproductive Growth Vil II*. Academic Pre. New York.
- Kozlowski, TT. 1968. Water Deficits and Plant Growth. Vol 1. Academic. New York. 398 pp.
- Kramer, P.J. 1964. *The Role of Water in Wood Formation*. In Zimmerman, M.H. *The Formation of Wood in Forest Trees*. Proceeding the Second Symposium Held Under the Auspices of the Maria Cabot Foundation for Botanical Research. Academic Press Inc. London.
- Le Treut, H., R. Somerville, U. Cubash, Y. Ding, C. Mautitzen, A. Mokssit, T. Peterson and M. Prather. 2007. *Historical Overview of Climate Change*. In: *Climate Change 2007. The Physical Science Basis*. New York.
- Mahmud. 2007. Skenario Perubahan Variabilitas Iklim Indonesia. *Prosiding eminar Nasional Pemanasan Global dan Perubahan Global-Fakta, Mitigasi, dan Adaptasi*.
- 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 YI dan Pandit IKN. 2002. *Pedoman Identifikasi Kayu di Lapangan*. Yayasan PROSEA Indonesia. Bogor.
- Mandang, Y. I. dan I.K. Pandit. 1997. *Pedoman Identifikasi Kayu di Lapangan*. Porsea Bogor. Pusat Diklat Pegawai & SDM Kehutanan.
- Mindell, R. A., R.A. Stockey, G. Beard. 2007. *Cascadiacarpa spinosa Gen. Et sp. Nov. (Fagaceae): Castaneoid Fruit From The Eocene of Vancouver Island, Canada*. *American Journal Botany* 94(3): 351-361. 2007.
- Mutmainah U. 2011. Corak Beberapa Jenis Kayu Perdagangan Indonesia. [Skripsi]. Bogor: Fakultas Kehutanan, Institut Pertanian Bogor.
- Novak, K., M. de Luis, and J.Raventos. 2013. Climatic Signals in Tree-Ring Widths and Wood Structure of *Pinus halepensis* in Contrasted Environmental Conditions. Springer Verlag. Berlin and Heidelberg.
- Pandit, I.K.N. dan H. Ramdan. 2002. *Anatomi Kayu : Pengantar Sifat Kayu Sebagai Bahan Baku*. Intitut Pertanian Bogor. Bogor.

KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS ANDALAS
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

Kampus Unand Limau Manis, Padang – Kode Pos 25163 Po. Box 143

Telepon : 0751 – 71671,777641 Fax. 73118

Laman :<http://www.fmipa.unand.ac.id> email :sekretariat@fmipa.ac.id

Panshin, A.J and Carl de Zeeuw. 1980. Textbook of Wood Technology. Vol 1.
Mc Graw Hill Book Co. N. Y. London.

Phengklai, C. 2006. A Synoptic account of the Fagaceae of Thailand. Thai for Bull.

(Bot) 34:54-175.

Rochmayanto, Y., N. Sakuntaladewi dan L.R. Wibowo. 2014. Pengaruh-utamaan biaya adaptasi terhadap perubahan iklim dalam perencanaan bangunan. *Policy Brief*,8 (7): 1-8.

Stokes, M.A and Smiley T.L. 1968. *An Introduction to Tree Ring Dating*. University of Chicago Press. Chicago.

Sucipto, T. 2009. Struktur Anatomi Dan Identifikasi Jenis Kayu. Universitas Sumatera Utara. USURepository, Medan.

Tsoumis, G. 1991. Science and Technology of Wood: Structure, Properties, Utilization. Van Notrand Reinhold. New York..

Utomo, R.N. 2006. *Struktur anatomi kayu jati plus perhutani kelas umur I asal KP Bojonegoro*. Tesis. Fakultas Kehutanan Institut Pertanian Bogor. Bogor.

Wahyudi I. 2013. *Hubungan Struktur Anatomi Kayu Dengan Sifat Kayu, Kegunaan Dan Pengolahannya*. Fakultas Kehutanan. IPB. Bogor.

Wheler EA, Baas P, Gasson E. 1989. IAWA List of Microscopic Features for Hardwood Identification. *IAWA Bulletin*. N.s. vol. 10 (3): 219-332.

Wiedenhoeft, A.C. and Regis B. Miller. 2005. Structure and Function of Wood. In Roger M. Rowell. 2005. Handbook of Wood Chemistry and Wood CompositesCRC Press. London.

Worbes, M. 1995. How to measure growth dynamics in tropical trees : a review. *IAWA Journal*, 16 : 337 – 351.

Yulizah, Maideliza T., Nurainas. 2017. Analisa Pertumbuhan Lingkaran Tumbuhan Beberapa Jenis Pohon Sebagai Indikator Perubahan Iklim. *JurnalDendroklimatologi*.

Zimmerman, MH. and Brown, CL. 1971. Trees: Structure and Function. Springer- Verlag. New York. 336 pp.