

DAFTAR PUSTAKA

- Alvarez, I and J.F. Wendel. 2003. Ribosomal ITS Sequences And Plant Phylogenetic Inference. *Molecular Phylogenetics And Evolution* 29:417-434.
- Ausubel FM *et al.* 1998. *Current Protocols Molecular Biology*. USA: John Willey and Son.
- Bagali PG, Prabhu PDAH, Raghendra K, Hittalmani S, Vadivelu JS. 2010. Application of Molecular Markers in Plant Tissue Culture. *Asia-Pacific Journal of Molecular Biology and Biotechnology* 18 (1): 85-87.
- Burt, B. L. dan R. M. Smith. 1972. Tentative keys to the subfamilies, tribes and genera of zingiberaceae. *Notes from the botanic garden edinburg* 31 (2): 171-176.
- Burland, T. G. 2000. DNASTAR's Lasergene Sequence Analysis Software. *Methods Mol Biol.* 132: 71-91.
- Cheng, T., Xu, C., Lei, L., Li, C., Zhang, Y. & Shiliang, Z. 2016. Barcoding the Kingdom Plantae: New PCR Primers for ITS Regions of plants with Improved Universality and Specificity. *Molecular Ecology Resources.* 16 (1), 138-149.
- Christine Suryani, S W. 2019. Keanekaragaman Spesies dan Hubungan Kekerabatan *Boesenbergia* O.Kuntze. (Zingiberaceae) Menggunakan Penanda Molekuler *Internal Transcribed Spacer* (ITS) di Sumatera Barat. Skripsi. Jurusan Biologi Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Andalas. Padang
- De Guzman, C. C. And J.S. *Siemonsma* (Editors). 1999. *Plant Resource Of South-East Asia No. 13. Spices*. Backhyus Publishers, Leiden, The Netherlands. 400 pp.
- Dharmayanti NLPI. 2011. Filogenetika molekuler: Metode taksonomi organisme berdasarkan sejarah evolusi. [Makalah]. Bogor: Balai Besar Penelitian Veteriner.
- Doyle JJ, Doyle JL. 1987. A rapid DNA isolation procedure for small quantities of fresh leaf tissue. *Phytochemical Bulletin* 19: 11-15.
- Fazekas Aron J. Prasad R. Kesanakurti. Kevin S. Burgess. Diana M. Percy. Sean W. Graham. Spencer C. H. Barrett. Steven G. Newmaster. Mehrdad Hajibabaei And Brian C. Husban. 2009. Barcoding plants Are plant species inherently harder to discriminate than animal species using DNA barcoding markers. *Molecular ecology resources.* 9. Blackwell Publishing Ltd (suppl. 1), 130-139

- Frederick, M.A., Brent, R., Kingston, R.E., Moore, D.D., Seidman, J.G., Smith, J.A. & Struhl, K. (2003) *Current Protocols in Molecular Biology*. Massachusetts, John Wiley & Sons, Inc.
- Hajibabaei M *et al.* 2006. A minimalist barcode can identify a specimen whose DNA is degraded. *J Compilation Blackwell Publishing*. 6: 959-964.
- Hall, T. A. 1999. BioEdit: A User-Friendly Biological Sequence Alignment Aditor and Analysis Program for Windows 95/98/NT. *Nucleic Acid Symposium Series*. 41: 95-98
- Hebert, Paul D. N. And Gregory, T. Ryan. 2005. The Promise of DNA Barcoding for Taxonomy. *Systematic Biology*. 54(5):852–859.
- Hershkovitz MA, Leipe DD. 1998. *Phylogenetic Analysis*. New York: John
- Hidayat T, Yukawa T, Ito M. 2005. Molecular phylogenetics of subtribe *Aeridinae* (*Orchidaceae*): Insights from plastid *matK* and nuclear ribosomal ITS sequences. *J Plant Res*. 18:271-284.
- Irmawati. 2003. Perubahan Keragaman Genetik Ikan Kerapu Tikus Generasi Pertama Pada Stok Hatchery. *Thesis tidak diterbitkan*. Bogor: Institut Pertanian Bogor.
- IPNI. 2021. The International Plant Name Index. <https://www.ipni.org/n/798355-1> Diakses pada 29 Mei 2021.
- KBBI. 2021. Kamus Besar Indonesia. Offline. Diakses 17 Juni 2021.
- Jamil, N., M. Rizman-Idid and H. Ibrahim. 2014. Molecular Phylogenetics of *Alpinia* in Peninsular Malaysia. Master Thesis, University of Malaysia. <http://studentsrepo.um.edu.my/4935/>. Diakses 18 Juni 2021
- Jorgensen RA, Cueller RE, Thomson WF, Kavanagh TA. 1987. Structure and variation in ribosomal RNA gene of *Pea*. *Plant Mol. Biol*. 8:3-12.
- Kress WJ, Liu AZ, Newman M, Li QJ. 2005. The Molecular Phylogeny of *Alpinia* (*Zingiberaceae*): A complex and polyphyletic genus of gingers. *American Journal of Botany* 92: 167-178.
- Kress WJ, Prince LM, Williams KJ. 2002. The phylogeny and a new classification of ginger (*Zingiberaceae*): Evidence from molecular data. *American Journal of Botany* 89: 1682-1696.
- Kress, WJ. 2017. Plant DNA barcodes: Applications today and in the future. *Journal of Systematics and Evolution*. 55: 291–307.
- Larsen K, Ibrahim H, Khaw SH, Saw LG. 1999. Ginger of Peninsular, Malaysia, and Singapore. *Natural History Publication (Borneo)*, Kota Kinabalu, Malaysia.

- Lestari, Cinthya. 2012. Analisis Biomolekuler Gen *Internal Transcribed Spacer* (ITS) dalam Studi Filogenetik *Zingiber Loerzingii* Valetton (Zingiberaceae). Skripsi. Sarjana Biokimia. Fakultas Matematika dan Ilmu Pengetahuan Alam Institut Pertanian Bogor. Bogor.
- Li, W., dan Graur, D. (1991): *Fundamental of Molecular Evolution*. Sinauer Associates.Inc.
- Li, M., H. Cao, P.P.H But, P.C. Shaw. 2011. Identification of Herbal Medicinal Material Using DNA Barcodes. *J Syst Evol* 49(3): 271-283.
- Moller M. Cronk Q.C.B. 1997. Origin and Relationships of Saintpaulia (*Gesneriaceae*) Based on Ribosomal DNA Internal Transcribed Spacer (ITS) Sequence. *AM J Bot.* 84: 956-965
- Mondini L, Noorani A, Pagnotta MA. 2009. Review: Assessing Plant Genetic Diversity by Molecular Tools. *Diversity* 1:19-35.
- Muladno. 2002. *Teknologi Rekayasa Genetika*. Bogor: Pustaka Wirausaha Muda.
- NCBI. 2017. National Center for Biological Information. <http://www.ncbi.nlm.nih.gov/>. Terakhir diakses pada 25 Mei 2021
- Nurainas, N. Arbain, D. 2017. A New Species And Record Of Zingiberaceae From Sumatera Indonesia. *Taiwania* 62(3): 294-298.
- Nurainas. 2007. *Keanekaragaman Jenis Jahe-Jahean (Zingiberaceae) Liar Pada Kawasan Cagar Alam Rimbo Panti Pasaman Sumatera Barat*. Laporan Penelitian Dosen Muda. Direktorat Jenderal Pendidikan Tinggi (Tidak Dipublikasi)
- Pradipta, Y. 2012. Studi Molekuler untuk Menentukan Kekerabatan Genus *Zingiber* Varietas *Zerumbet* Skripsi. Sarjana Biokimia. Fakultas Matematika dan Ilmu Pengetahuan Alam Institut Pertanian Bogor. Bogor.
- Qin, Y., Meihui, L., Young, C., Ya, G. and Wei, Z. 2017. Molecular Thresholds of ITS2 and Their Implication for Molecular Evolution and Species Identification in Seed Plants. *Springer-Nature* 7:1-7.
- Rahayu, D A., & Nugroho E D. 2005. *Biologo Molekuler dalam presepektif konservasi*. Yogyakarta. Indonesia: Plantaxia
- Saitou, N dan M Nei 1987. The neighbor-joining method: a new method for reconstructing phylogenetic trees. *Mol. Biol. Evol.* 4 (4): 406-425
- Saitou, N and Imanishi. 1989. Relative Efficiency of the Fitch-Margolish, Maximum-Parsimony, Maximum-likelihood, Minimum Evolution and Neighbour-Joining

Methods of Phylogenetic Tree Construction in Obtaining the Correct Tree. *Mol. Biol. Evol.* 6 (5): 514-525

Soltis DE, Soltis PS. 1998. Choosing an Approach and an Appropriate Gene for Phylogenetic Analysis. Di dalam: Soltis DE, Soltis Ps, Doyle JJ, editor. *Molecular Systematics of Plants II: DNA Sequencing*. Massachusetts: Kluwer Academic Publishers

Syafaruddin dan Trijoko Santoso. 2011. Optimasi Teknik Isolasi dan Purifikasi DNA yang Efisien dan Efektif pada Kemiri Sunan (*Reutalis trisperma* (Blanco)) Airy Shaw. *Jurnal Littri*. Vol. 17(1), Maret 2011

Thompson JD, Gibson TJ, Plewniak F, Jeanmougin F, Higgins DG (1997). The Clustal-X windows interface: flexible strategies for multiple sequence alignment aided by quality analysis tools. *Nucleic Acids Res.* 25: 4876- 4882.

Tudge C. 2000. *The Variety Of Life*. New York: Oxford University Press.

Ubaidillah R, Sutrisno H. 2009. *Pengantar Biosistemik: Teori dan Praktik*. Jakarta: LIPI Press.

Valentini A, Pompanon F, Taberlet P. 2009. DNA Barcoding for Ecologists. *Trends in Ecology and Evolution* (24)2:110-117.

White TJ, Bruns T, Lee S, Taylor J.1990. Amplification and direct sequencing of fungal ribosomal RNA genes for phylogenies. Di dalam: MA Innis, DH Gelfand, JJ Sninsky, TJ White, editor. *PCR protocols: A Guide to Methods and Applications*. San Diego: Academic Press.

Woodland, W. D.1999. *Contemporary Plant Systematics Second Edition*. Andrews Universit Press. Berrien Springs. Michigan. United States Of America.