

DAFTAR PUSTAKA

- Achyar, A., Atifah, Y. & Putri, D. H., 2021. In silico study of developing a method for detecting pathogenic bacteria in refillable drinking water samples.. *Journal of Physics: Conference Series*, , 1940(1), p. 12061.
- Akinola, S. A., Mwanza, M. & Ateba, C. N., 2019. Occurrence, genetic diversities and antibiotic resistance profiles of Salmonella serovars isolated from chickens. *Infection and Drug Resistance*, 24(12), pp. 3327-3342.
- Azman, A. et al., 2020. Low genetic diversity indicating the threatened status of Rhizophora apiculata (Rhizophoraceae) in Malaysia: declined evolution meets habitat destruction. *Scientific Reports*, 10(1), pp. 1-12.
- Bano, S. A. et al., 2020. Detection of Pathogenic Bacteria Staphylococcus aureus and Salmonella sp. from Raw Milk Samples of Different Cities of Pakistan. *Natural Science*, 12(5), pp. 295-306.
- Bengen, D. G., 2002. *Pengenalan dan pengelolaan ekosistem mangrove*. 58 hal.. Bogor: Pusat Kajian Sumberdaya Pesisir dan Lautan IPB.
- Chandra, I., Seca, G. & Hena, A., 2011. Aboveground Biomass Production of Rhizophora apiculata Blume in Sarawak Mangrove Forest. *Agricultural and Biological Sciences*, pp. 248-262.
- Cheng, T. et al., 2016. Barcoding the kingdom Plantae: new PCR primers for ITS regions of plants with improved universality and specificity. *Molecular Ecology Resources*, 16(1), pp. 138-149.
- Dharmayanti, N. I., 2011. Filogenetika Molekular : Metode Taksonomi Organisme Berdasarkan sejarah Evolusi. *WARTAZOA*, 21(1), pp. 1-10.
- Domenech, M. et al., 2022. What DNA barcodes reveal: microhabitat preference, hunting strategy and dispersal ability drive genetic variation across Iberian spider species. *Insect Conservation and Diversity*, 15(9), pp. 248-262.

- Edger, P. P. et al., 2014. Secondary Structure Analyses of the Nuclear rRNA Internal Transcribed Spacers and Assessment of Its Phylogenetic Utility across the Brassicaceae (Mustards). *PLOS ONE*, 9(7), pp. 1-7.
- Gaffar, S., Sumarlin, Haryono, M. G. & Pidar, H., 2021. Penentuan Spesies Dan Status Konservasi Pari Layang-Layang Yang Didaratkan Di TPI Gunung Lingkas Kota Tarakan Dengan Pendekatan Molekuler. *Biotropika: Journal Of Tropical Biology*, 9(1), pp. 80-87.
- Galan, G. L., Mendez, N. & Cruz, R. D., 2018. DNA bacoding of three selected gastropod species using cytochrome oxidase (COI) gene. *Annals of West University of Timisoara, Ser. Biology*, 21(1), p. 93– 102.
- Harahap, M. R., 2018. Elektroforesis: Analisis Elektronika Terhadap Biokimia Genetika. *Jurnal Ilmiah Pendidikan Teknik Elektro*, 2(1), pp. 21-26.
- Hariri, M. R. et al., 2021. Molecular Identification and Morphological Characterization of Ficus sp. (Moraceae) in Bogor Botanic Gardens. *Jurnal Biodjati*, 6(1), pp. 36-44.
- Herman, H., Nainggolan, M. & Roslim, D. I., 2018. Optimasi Suhu Annealing untuk Empat Primer RAPD pada Kacang Hijau (*Vigna radiata* L.). *Jurnal Dinamika Pernaian*, 34(1), pp. 41-46.
- Hollingsworth, P. M., 2011. Refining the DNA Barcode for Land Plants. *PLoS ONE*, 6(5), pp. 137-145.
- Hubert, N. & Hanner, R., 2015. Species identification using DNA barcodes: principles and applications. *Journal of Fish Biology*, pp. 1247-1256.
- Kerfeld, C. A. & Scott, K. M., 2011. Using BLAST to teach “E-value-tionary” concepts. *PLoS Biology*, 9(2), pp. 1-4.
- KKP, 2021. *Kondisi mangrove di Indonesia*. [Online] Available at: <https://kkp.go.id/djprl/p4k/page/4284-kondisi-mangrove-di-Indonesia> [Accessed 20 December 2023].

- Kowalska, Z., Pniewski, F. & Latala, A., 2019. DNA barcoding – A new device in phycologist's toolbox. *Ecohydrology & Hydrobiology*, 19(3), pp. 417-427.
- Kress, W. et al., 2005. *Use of DNA barcodes to identify flowering plants..* USA: Proc. Nat. Acad. Sci. .
- Kress, W. J. & Erickson, D. L., 2007. A Two-Locus Global DNA Barcode for Land Plants: The Coding rbcL Gene Complements the Non-Coding trnH-psbA Spacer Region. *PLoS ONE*, 2(6), p. e508.
- Lubis, K., 2014. Cara Pembuatan Pohon Filogeni. *Jurnal Pengabdian Kepada Masyarakat*, 20(75), pp. 66-69.
- Martuti, N., Anggraito, Y. & Anggraini, S., 2019. Vegetation Stratification in Semarang Coastal Area. *Biosaintifika*, pp. 139-147.
- MenLHK, P., 2021. *Peta Mangrove Nasional Tahun 2021: Baseline Pengelolaan Rehabilitasi Mangrove Nasional*. [Online].
- Muzzazinah, 2017. Metode filogenetik pada indigofera. *Prosiding Seminar Nasional Pendidikan Biologi Dan Biologi*, pp. 25-40.
- Nei, M. & Kumar, S., 2000. *Molecular Evolution and Phylogenetics*. New York: Oxford University Press.
- Newell, P. D. et al., 2013. A small-group activity introducing the use and interpretation of BLAST. *Journal of Microbiology & Biology Education*, 14(2), p. 238–243.
- Nurkamila, U. S. & Pharmawati, M., 2014. Ekstraksi DNA dari Herbarium Anggrek (Dna Extraction From Orchid Herbarium Materials). *Jurnal Simbiosis*, 2(1), pp. 135-146.
- Oktafia, R. E. & Badruzsaufari, 2021. Analisis Filogenetik *Garcinia* spp. Berdasarkan Sekuens Gen rRNA. *ZIRAA'AH*, 46(2), pp. 259-264.
- Peay, K., Kennedy, P. G. & Bruns, T. D., 2008. Fungal Community Ecology: A Hybrid Beast with a Molecular Master. *BioScience*, 58(9), pp. 799-810.

- PPID MenLHK, 2021. *Peta Mangrove Nasional Tahun 2021: Baseline Pengelolaan Rehabilitasi Mangrove Nasional*. [Online].
- Prakoso, S. P., Wirajana, N. I. & Wirajana, I. N., 2016. Amplifikasi Fragmen Gen 18S rRNA pada DNA Metagenomik Madu dengan Teknik PCR (Polymerase Chain Reaction). *Indonesian Journal of Legal and Forensic Sciences*, 2(3), pp. 45-47.
- Qin, Y. et al., 2017. Molecular thresholds of ITS2 and their implications for molecular evolution and species identification in seed plants. *Scientific Reports*, pp. 1-8.
- Rakhmana, S., Saryono & Nugroho, T. T., 2015. Ekstraksi DNA dan Amplifikasi ITS rDNA Isolat Fungi Endofit LBKURCC67 Umbi Tanaman Dahlia (*Dahlia Variabilis*). *JOM FMIPA*, 2(1), pp. 145-151.
- Ramena, G. O., Wuisang, C. E. V. & Siregar, F. O. P., 2020. Pengaruh Aktivitas Masyarakat terhadap Ekosistem Mangrove di Kecamatan Mananggu. *Jurnal Spasial*, 7(3), pp. 343-351.
- Rodriguez, A., Rodriguez, M., Cordoba, J. J. & Andrade, M. J., 2015. Design of Primers and Probes for Quantitative Real-Time PCR Methods. *Methods in Molecular Biology (Clifton, N.J.)*, 1275, vii., Volume 1275, pp. 31-56.
- Rohimah, S. et al., 2018. Eksplorasi Spesies dan Potensi DNA Barcode Anggrek *Thrixspermum* Secara In Silico. *Jurnal Biodjati*, 3(2), pp. 50-58.
- Saleky, D., Supriyatin, F. E. & Dailami, M., 2020. Pola Pertumbuhan dan Identifikasi Genetik Turbo setosus Gmelin, 1791 [Turbinidae, Gastropoda]. *Jurnal Kelautan Tropis*, 23(3), p. 305–315.
- Sauer, P., Muller, M. & Kang, J., 1998. Quantitation DNA. *Qiagen News*, Volume 2, pp. 23-26.
- Sidik, F., Arifanti, V. & Krisnawati, H., 2017. *Perhitungan karbon tanah mangrove (soil pool) dalam inventarisasi gas rumah kaca*. [Online] Available at: <https://doi.org/10.13140/RG.2.2.29698.27841>

- Sitepu, A. F., Bayu, E. S. & Siregar, L. A. M., 2019. Analisis Pola Pita Beberapa Genotipe Kurma (*Phoenix dactylifera* L.) Menggunakan Primer RAPD. *Jurnal Online Agroekoteknologi*, 7(3), pp. 502-507.
- Suriana, S., Marwansyah, M. & Amirullah, A., 2019. Karakteristik Segmen Gen sitokrom C Oksidase Subunit I (COI) Ngengat Plusia chalcites (Lepidoptera: Noctuidae). *BioW allacea : Jurnal Penelitian Biologi (Journal of Biological Research)*, 6(2), p. 985.
- Techen, N., Parveen, I., Pan, Z. & Khan, I., 2014. DNA barcoding of medicinal plant material for identification. *Curr.Opin.Biotechnol*, pp. 103-110.
- Warsidi & Endayani, S., 2017. Komposisi Vegetasi Mangrove di Teluk Balikpapan Provinsi Kalimantan Timur. *Jurnal AGRIFOR*, 16(1), pp. 115-124.
- Yuwono, T., 2006. *Teori dan Aplikasi Polymerase Chain Reaction*. Ed. 1 ed. Yogyakarta: Penerbit Andi.
- Zein, M. S. A. & Sulandari, S., 2009. Investigasi Asal Usul Ayam Indonesia Menggunakan Sekuens Hypervariable-1 D- Loop DNA Mitokondria. *Jurnal Veteriner*, 10(1), p. 41-49.
- Zhang, X., Lin, P. & Chen, X., 2022. Coastal Protection by Planted Mangrove Forest during Typhoon Mangkhut. *Journal of Marine Science and Engineering*, pp. 1-20.
- Zulfahmi, 2013. Penanda DNA untuk Analisis Genetik Tanaman. *Jurnal Agroteknologi*, 3(2), pp. 41-52.