DAFTAR PUSTAKA

Allam, M. S., Balon, J. L. I., & Fernandez, D. A. P. 2022. Diet of *Arctictis binturong* (Viverridae, Carnivora) in Arbolan, Palawan, Philippines. *Journal of Nature Studies*, *21*(1), 1–9.

Anggraeni, A., Shabirah, F., Fauziyah, Z., Nandi, F. J., Pramudita, R., & Citra, M. A. (2023). Perilaku Binturong (*Arctictis binturong*) di Pusat Penyelamatan Satwa (PPS) Alobi, Provinsi Bangka Belitung. *EKOTONIA: Jurnal Penelitian Biologi, Botani, Zoologi dan Mikrobiologi*, *8*(2), 48-61.

Arif, I. A., & Khan, H. A. 2009. Molecular markers for biodiversity analysis of wildlife animals: a brief review. *Animal Biodiversity and Conservation*, *32*(1), 9–17.

Ashrifurrahman, A., Simamora, S., Ritonga, R., Novarino, W., Tjong, D. H., Rizaldi, R., & Roesma, D. I. (2022). Sumatran tiger identification and phylogenetic analysis based on the CO1 gene: Molecular forensic application. *Biodiversitas Journal of Biological Diversity*, *23*(4).

Burlan, T.G. 2000. DNA STAR's Lasergene Sequens Analysis Sofware. *Methods Mol Biol* 132: 71-91.

Casiraghi, M., M. Labra, E. Ferri, A. Galimberti, and F. De Mattia. 2010. DNA Barcoding: a Six Question Tour to Improve User's Awareness about the Method. *Briefing in Bioinformatics* 11(4): 440-453.

Che, J., H.M. Chen, J.X. Yang, J.Q. Jin, K. Jiang, Z.Y. Yong, R.W. Murphy, dan Y.P. Zhang. (2012). Universal COI primers for DNA barcoding amphibians. *Molecular Ecology Resources.* 12(2), 247– 258

Chinnery, P. F., and G. Hudson. 2013. Mitochondrial Genetics. *British Medical Bulletin.* 106(1):135-159.

CITES. 2022. Convention on international trade in endangered species of Wild Fauna and Flora, Appendices I, II, and III. https://cites.org/eng diakses pada 24 maret 2024

Cosson L, Grassman LL Jr, Zubaid A, Vellayan S, Tillier A, Veron G. 2007. Genetic diversity of captive binturongs (*Arctictis binturong*, Viverridae, Carnivora): implications for conservation. *Journal of Zoology* 271: 386–395.

Cracraft, J. and K. Helm-Bychowski. 1991. Parsimony and Phylogenetic Inference Using DNA Sequences: Some Methodological Strategies. In Phylogenetic Analysis of DNA Sequences. M. Miyanmoto and J. Cracraft (Eds.). Oxford

Univ. Press, New York.

Dalton, D.L. and A. Kotze. 2011. DNA barcoding as a tool for species identification in three forensic wildlife cases in South Africa. *Forensic Sci Int*. 207: e51–e54.

Fatchiyah, Arumningtyas EL, Widyarti S 2011. *Biologi molekuler: Prinsip dasar analisis*. 2011th edn. Jakarta, Indonesia: Erlangga

Februani, N., Tjong, D. H., Novarino, W., & Roesma, D. I. (2023). Haplotype diversity of Pangolin (*Manis javanica* Desmarest, 1822) based on the COI gene. *World Journal of Advanced Research and Reviews*, *19*(3), 484-490.

Fontanesi, F. 2015. Mitochondria: Structure and Role in Respiration. *Encyclopedia of Life Sciences.* In: eLS. John Wiley and Sons, Ltd: Chichester. Hal:1-13.

Francis, C. M., and Barrett, P. 2008. A field guide to the mammals of South- East Asia. Cape Town, South Africa: New Holland Publishers

Global Biodiversity Information Facility (GBIF). 2016. Clasification of *Arctictis binturong*. https://www.gbif.org/species/2434615 .diakses tanggal 24 Maret 2024

Hebert, P.D.N., and T.R. Gregory. 2005. The Promise of DNA barcoding for Taxonomy. *Systematic Biology* 54(5): 852–859.

Hebert, P.D.N., S. Ratnasingham, and J.R. DeWaard. 2003. Barcoding Animal Life: Cytochrome C Oxidase Subunit 1 Divergences among Closely Related Species. Proceedings of the Royal Society B: *Biological Sciences* 270.

Hidayat, T. 2017. DNA Mitokondria (mtDNA) Sebagai Salah Satu Pemeriksaan Alternatif Untuk Identifikasi Bayi Pada Kasus Infantisida. *Jurnal Kesehatan Andalas*, *6*(1), 213.

IUCN. 2023. IUCN Red List of Threatened Species. Version 2023. http://www.iucnredlist.org. diakses pada 24 maret 2024

Jennings AP & Veron G. 2009 Family Viverridae (Civets, Genets and Oyans). In: Wilson DE & Mittermeier RA (eds.) Handbook of the Mammals of the World, Vol. 1. Carnivores. Lynx Edicions, Barcelona, Spain. Pp. 174–232.

Kartavtsev, Y. P. 2013. Sequence Diversity at Cyt-b and Co-1 mtDNA Genes in Animal Taxa Proved Neo-Darwinism. *Journal of Phylogenetics & Evolutionary Biology*, *1*(4).

Kartini, R. A. 2012. *Karakterisasi molekuler padi transgenik dengan beberapa metode isolasi dna*. Institut Pertanian Bogor.

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).

Kress, W. J., C.G. Robledo, M. Uriarte, and D.L. Erickson. 2015. DNA Barcodes for Ecology, Evolution, and Conservation. *Elsevier: Trends in Ecology dan Evolution January* 3(1): 25-35.

Kress, W. J., Wurdack, K. J., Zimmer, E. A., Weigt, L. A., & Janzen, D. H. 2005. Use of DNA barcodes to identify flowering plants. *Proceedings of the National Academy of Sciences of the United States of America*, *102*(23), 8369–8374.

Kunteepuram, V., Sreenivas, A., Tabasum, W., Challagandla, A. K., & Gaur, A. 2018. The complete mitochondrial genome of Asian palm civet (*Paradoxurus hermaphroditus* with phylogenetic consideration. *Mitochondrial DNA Part B: Resources*, *3*(1), 294–295.

Laca, A. R., L. Soriano, D. Glesson, J. A. Godoy. 2015. A Simple and Effective Method for Obtaining Mammal DNA from Faeces. *Wildlife Biology*. 21: 195-203.

Lekagul, B., and J. A. McNeely, 1977: Mammals of Thailand. Bangkok: Kurusapha, Ladprow Press, pp. 665–671.

Lodish, H., A. Berk, P. Matsuidara, C.A. Kaiser, M. Krieger, M.P. Scott, L. Zipursky and J. Darnell. 2003. *Molecular Cell Biology*. 5th edition. Newyork: WH Freeman.

Lyons, D.M. and A.S. Lauring. 2017. Evidence for the selective basis of transition transversion substitution bias in two RNA viruses. *Molecular Biology and Evolution*.

Magadam, R.G. and P. Yousefi. 2013. Genetics Polymorphismsin Cytochrome C Oxidase subunit I of the Malaysian Population. *Annals of Biological Research* 4(10): 56-60.

Meusnier, I., G.A.C, Singer, J.F. Landry, D.A. Hickey. P.D.N. Hebert dan M. Hajibabaei. 2008. A universal DNA mini-barcode for biodiversity analysis. *BMC Genomics*. 9(1): 214.

Mitra, S., Kunteepuram, V., Koepfli, K. P., Mehra, N., Tabasum, W., Sreenivas, A., & Gaur, A. 2019. Characteristics of the complete mitochondrial genome of the monotypic genus Arctictis (Family: Viverridae) and its phylogenetic implications. *PeerJ, 2019*(11).

Paradis, E. 2018. Analysis of haplotype networks: the randomized minimum spanning tree method. *Methods in Ecology and Evolution* 9(5): 1308-1317.

Pocock RI. The rarer genera of oriental Viverridae. *Journal of Zoology*. 1933;103(4):969–1035.

Popa, L. O., Popa, O. P., Gargarea, P., & Murariu, D. (2007). Sequence analysis of the 5' COI gene region from Dama dama (Linnaeus, 1758) (Mammalia: Cervidae). *Travaux Du Museum National d'Histoire Naturelle Grigore Antipa*, *50*, 537–542.

Prawira, F. D. L., Tjong, D. H., Maideliza, T., & Roesma, D. I. (2023). Haplotype diversity of yellow-tail Rasbora population in Sundaland Hotspot based on COI Gene. *World Journal of Advanced Research and Reviews*, *20*(1), 708-714.

Rahayu, D. A., & Jannah, M. (2019). *DNA barcode hewan dan tumbuhan Indonesia*. *Jakarta*: Yayasan Inspirasi Ide Berdaya, 165.

Rahayu, D.A. & Nugroho, E.D., 2015, *Biologi molekuler dalam perspektif konservasi*, Plantaxia, Yogyakarta.

Ratnasingham S, Hebert PD. 2007. BOLD: The Barcode of Life Data System. *Molecular ecology notes* 7(3): 355-364.

Rock J, Costa FO, Walker JD, North WA, Hutchinson FW, Carvalho RG. 2008. DNA barcodes of fish of The Scotia Sea, Antarctica indicates priorty groups for taxonomic and systematics focus. *Antartic Science*, 20(3): 253-262.

Roesma, D. I., Tjong, D. H., Syaifullah, Aidil, D. R., Maulana, M. R., & Salis, V. M. (2023). Phylogenetic Relationships of Sun Bear (*Helarctos malayanus*) Based on Mitochondrial DNA from Sumatra and Other Southeast Asian Regions. *Pakistan Journal of Biological Sciences*, *26*(12), 615–627.

Rosenberg, M. S., S. Subramanian., and S. Kumar. 2003. Patterns of Transitional Mutation Biases Within and Among Mammalian Genomes. *Mol. Biol. Evol*. 20(6): 988-993.

Rozas, J., J.C. Sanchez-DelBarrio., X. Messeguer., and R. Rozas. 2003. DnaSP, DNA Polymorphism Analyses by the Coalescent and Other Methods. *Bioinformatic* 19: 2496-2497.

Saccone, C., C. de Giorgi, C. Gissi, G. Pesole dan A. Reyes. 1999. Evolutionary Genomics in Metazoa: The Mitochondrial DNA as a Model System. *Gene*. 238:195- 209.

Salis, V. M., Roesma, D. I., & Tjong, D. H. (2024). Authentication of Barbonymus spp. From Lake Singkarak Using DNA Barcoding: Authentication of *Barbonymus* spp. From Lake Singkarak using DNA Barcoding. *Journal of Tropical Life Science*, *14*(3), 593-602.

Sambrook, J., and D.W Russell. 2001. *Molecular Cloning, A laboratory Manual. 3nd edition*. Cold Spring Harbor Laboratory Press. New York.

Sambrook, Joseph and David W. Russell. 2001. *Molecular Clonning: A Laboratory Manual. 3th ed.* Cold Spring Harbor Laboratory Press. Book 1&2.

Sanggin, SE, Mersat NI, Kiong WS, Salleh MS, Jamain MAHB, Sarok A, Songan P. 2016. Natural resources and indigenous people's livelihood strategies: a case study of human communities in the headwaters of Engkari River, Sri Aman, Sarawak, Malaysia. *Journal of Business and Economics*, 7, 243 – 249.

Savolainen, V., Cowan, R. S., Vogler, A. P., Roderick, G. K., & Lane, R. 2005. Towards writing the encyclopaedia of life: An introduction to DNA barcoding. *Philosophical Transactions of the Royal Society B: Biological Sciences*. Royal Society.

Schaffer, S. W., dan M. S. Suleiman. 2007. *Mitochondria the Dynamic Organelle.* Springer. New York.

Shen, Y.Y., X. Chen, and R.W. Murphy. 2013. Assessing DNA Barcoding as a Tool for Species Identification and Data Quality Control. *Plos One* 8(2): e57125.

Susmiarsih, T. 2010. Peran Genetik DNA Mitokondria (mtDNA) pada Motilitas Spermatozoa. *Majalah Kesehatan Pharmamedika* 2(2).

Tamura, K., D. Peterson., G. Stecher., A. Filipski., and S. Kumar. 2013. MEGA 6: Molecular Evolutionary Genetics Analysis Version 6.0. *Molecular Biology and Evolution* 30(12): 2725–2729.

Tanabe, A. S., & Toju, H. 2013. Two New Computational Methods for Universal DNA Barcoding: A Benchmark Using Barcode Sequences of Bacteria, Archaea, Animals, Fungi, and Land Plants. *PLoS ONE*, *8*(10).

Taylor, H.R. and W.E. Harrist, 2012. *An Emergent Sciense on the Bring of Irrelevance*: a Review of the Past 8 Years of DNA Barcoding. *Molecular Ecology Resources* 12(3): 377-3888.

Virgilio, M., Jordaens, K., Breman, F. C., Backeljau, T., & de Meyer, M. 2012. Identifying insects with incomplete DNA barcode libraries, African fruit flies (Diptera: Tephritidae) as a test case. *PLoS ONE*, *7*(2).

Weng, H. M., Wang, L., Chan, F. T., Sun, P. Y., Li, K. Y., & Ju, Y. T. 2016. The complete mitochondrial genome of the small Indian civet, *Viverricula indica* taivana the first complete representation of the genus Viverricula. *Mitochondrial DNA. Part A, DNA Mapping, Sequencing, and Analysis, 27(3),* 1650-1651

Widmann P, De Leon J & Duckworth JW. 2008. *Arctictis binturong*. IUCN Red List of Threatened Species. Version 2013.2. www. iucnredlist.org. (Accessed 24 Maret 2024).

Wirdateti, Indriana, eka, & Handayani. 2016. Analisis Sekuen DNA Mitokondria Cytochrome Oxidase I (COI) mtDNA Pada Kukang Indonesia (*Nycticebus* spp) sebagai Penanda Guna Pengembangan Identifikasi Spesies. *Jurnal Biologi Indonesia*, *12*(1), 119–128.

Wirdateti, Wijayanti Wulandari, S., & Cahyaningrum Kuswandi, P. 2015. Penanda genetik Tarsius (*Tarsius* spp.) dengan menggunakan gen Cytochrome Oxidase I (COI) DNA mitokondria (mtDNA) melalui metode sekuensing. *Jurnal Biologi Indonesia*, *11*(2), 275–284.

Wolstenholme, D. R. 1992. Animal mitochondrial DNA: structure and evolution. *IntRev Cytol*. 141:173-216.

Wozencraft, W. C. 1993. Order Carniviora. *Mammal species of the world*, 287-299.

Zhang, D., Xu, L., Bu, H., Wang, D., Xu, C., & Wang, R. 2016. The complete mitochondrial genome of the masked palm civet (*Paguma larvata*, Mammalia, Carnivora). *Mitochondrial DNA*, *27*(5), 3764–3765.

Zhou. T., W. Gu and C. O. Wilke. 2010. *Detecting Positive and Purifying Selection at Synonymous Sites in Yeast and Worm*. Mol. Biol.Evol. 27 (8): 1912-1922.

UNIVERSITAS ANDALAS
UNTUK KEDJAJAAN BANGSA