

DAFTAR PUSTAKA

- Andel, A.Y. 2007. *Distribusi dan kepemilikan ikan di Sungai Kahayan, Kalimantan Tengah*. Tesis. Studi Ilmu Lingkungan. Universitas Gadjah Mada. Yogyakarta.
- Arisuryanti, T. 2016. *Molecular genetic and taxonomic studies of the swamp eel (*Monopterus albus* Zuiew 1793)*. PhD Thesis, Charles Darwin University.
- Avise, J.C & R.A. Lansman. 1983. Polymorphism of Mitochondrial DNA in Populations of Higher Animals. In. *Evolution of genes and proteins*. Ed. M. Nei & R.K. Hoehn. Sinaeuer Associates Inc. Publ. Sunderland. pp. 147-164.
- Avise, J.C., R.A. Lansman, & R.O. Shade. 1979. The Use Endonuclease to Measure Mitochondrial DNA Sequence Relatedness in Natural Populations. I. Population Structure and Evolution in Genus *Peromyscus*. *Genetics* 92: 279-295.
- Beaumont, A.R., K. Hoare. 2003. *Biotechnology and Genetics in Fisheries and Aquaculture*. Blacwell Publishing.
- Bee, N.B. & J.J. Dodson. 1999. Morphological and Genetic Descriptions of a New Species of Catfish, *Hemibagrus Chrysops*, From Sarawak, East Malaysia, With an Assessment of Phylogenetic Relationships (Teleostei: Bagridae). *The Raffles Bulletin of Zoology* 47(1): 45–57.
- Bleeker, P., 1862, *Atlas Ichthyologique des Indes Orientales Neerlandaises. Tome 2. Siluroides, Chacoides et Heterobranchoides*. Frederic Muller. Amsterdam. p. 112
- Boursot, R 1985. *Variabilite de l'ADN Mitochondrial et du Chromosome Y: Application a l'etude de la Structuration Genetique et de l'hybridation Naturelle chez Une espece et Deux Semi-especies de Souris (Mus)*. These de Docteur-Ingenieur. Montpellier, France: Universite Montpellier II, Sciences et Techniques du Languedoc

- Brown, W.M. 1983. Evolution of animal mitochondrial DNA. In. *Evolution of genes and proteins*. Ed. M. Nei & R.K. Hoehn. Sinauer Associates Inc. Publ. Sunderland. pp. 62-88.
- Burke, T., C. Dolf, A.J. Jeffreys & R. Wolff. 1991. *DNA Fingerprinting: Approaches and Applications*. Birkhauser. Basel.
- Chong, L.K., S.G. Tan, K. Yusoff & S.S. Siraj. 2000. Identification and characterization of Malaysian river catfish, *Mystus nemurus* (C&V): RAPD and AFLP analysis. *Biochemical Genetics* 38 (3-4): 63-76.
- Dharmayanti, N.L.P.I. 2011. Filogenetika Molekuler: Metode Taksonomi Organisme Berdasarkan Sejarah Evolusi. *WARTAZOA*. Bogor. 21(1): 1-9.
- Djajadireja. R., S. Hatimah, & Z. Arifin. 1977. *Buku Pedoman Pengenalan Sumber Perikanan Darat Bagian I (Jenis-jenis Ikan Ekonomis Penting)*. Direktorat Jenderal Perikanan Departemen Pertanian. Jakarta. p. 45
- Dodson, J.J., Colombani, F. & Ng, P.K.L., 1995. Phylogeographic structure in mitochondrial DNA of a south-east Asian fresh-water fish, *Hemibagrus nemurus* (Siluroidei, Bagridae) and pleistocene sea-level Changes on the Sunda Shelf. *Molecular Ecology* 4 (3): 331-346.
- Eschmeyer, W. N., R. Fricke, and R. van der Laan (eds). 2017. *Catalog of fishes: Genera, species, references*. (<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>). Electronic version accessed on June 14 2017.
- Fowler, H.W. 1934. Zoological result of the Third deSchauensee Slamese Expedition, part 1. - Fishes. *Proc. Acad. Nat. Sci. Philad.* 86:67-163
- Frommen, J.G, C. Luz, D. Mazzi, & T.C.M. Bakker. 2007. Inbreeding depression affects fertilization success and survival but not breeding coleration in threespine stickleback. *Behavior* 14 (5): 425-441
- Gardner, E.J., M.J. Simmon, & P.D. Snustad. 1991. *Population and Evolutionary Genetics*. Chichester Brisbane. New York.
- Gunther, A., 1864, *Catalogue of Fishes in the British Museum*, Vol. 5. Trustees of the British Museum. London. p. 455

- Guo, X.D., D. Chen, T. J. Papenfuss, N.B. Ananjeva, D.A. Melnikov, & Y. Wang. 2011. Phylogeny and divergence times of some racerunner lizards (Lacertidae: Eremias) inferred from mitochondrial 16S rRNA gene segments. *Molecular Phylogenetics and Evolution* 61: 400–412.
- Hadrys, H., M. Balick, & B. Schierwater. 1992. Applications of Random Amplified Polymorphic DNA (RAPD) in Molecular Ecology. *Molecular Ecology*. 1:55-63.
- Hao, R.C. & G.H. Wang. 2014. The complete mitochondrial genome sequence of *Hemibagrus* sp. (Siluriformes: Bagridae). *Mitochondrial DNA*, 1736: 1–2.
- Herbert, P.D.N., A. Cywinska, S.L. Ball & J.R. deWaard. 2003. Biological Identification through DNA Barcodes. *Proceedings of The Royal Society B, Biological Science*. 270: 313-321.
- Jeffreys, A.J., V. Wilson, & S.L. Thein. 1985. Hipervariable "Minisatellite" Regions in Human DNA. *Nature* 314:67-73.
- Kazarinova, F.N. & Hummel K. 1991. A New Definition of Genetic Distance. *Human Genetics*. Freiburg. 87(6):745-747.
- Kottelat, M., A.J. Whitten, S.N. Kartikasari & S. Wirjoatmodjo. 1993. *Freshwater Fishes of Western Indonesia and Sulawesi*. Periplus Editions. Hong Kong. p. 221.
- Lemey, P., M. Salemi, & A.M. Vandamme. 2009. *The Phylogenetic Handbook*. 2nd Ed. Cambridge University Press. New York, p.111.
- Librado, P. & J. Rozas. 2009. DnaSP v5: a Software for Comprehensive Analysis of DNA Polymorphism Data. *Bioinformatics* 25:1451–1452
- Maddison, W. P. & D.R. Maddison. 2010. *Mesquite: a Modular System for Evolutionary Analysis*. Version 2.73. <http://mesquiteproject.org>
- Muflikhah, N. & Asyari, 2007. Pemeliharaan ikan baung (*Mystus nemurus*) dalam berbagai lingkungan dan sistem wadah budi daya. *Media Akuakultur*. 2(2):71–76.
- Muflikhah, N., S. Nuidarivati, & S.N. Aida. 2006. Prospek pengembangan plasma nutfah ikan baung (*Mystus nemurus* C.V.). *Bawal* 1(1):11–18.

- Nelson, J.S. 2006. *Fishes of the World. Fourth Edition*. J Willey. New Jersey.
- Olesen, I., T. Gjadrem, H.B. Bentsen, B. Gjerde, M. Rye. 2003. Breeding program for sustainable aquaculture. In: B. B Jana and Carl D. Webster, Ed. *Sustainable Aquaculture. Global Perspective. Food Product*. Haworth Press, Inc. pp.179-204.
- Padria, N. 2012. *Analisis keragaman genetik ikan baung (Hemibagrus nemurus) dengan menggunakan teknik PCR-RFLP pada DNA mitokondria*. Tesis. Sekolah Pascasarjana: Institut Pertanian Bogor, Bogor.
- Palumbi, S.R. 1996. Nucleid acids II: The Polymerase Chain Reaction. In: *Molecular Systematics*, (Eds.) D.M. Hillis, C. Moritz, B.K. Mable, Sinauer Associates, Sunderland. Massachusetts, pp. 205-247.
- Pearson, W.R. 2013. An Introduction to Sequence Similarity (“Homology”) Searching. *Current Protocol Bioinformatics*. John Wiley & Sons, Inc. pp. 1-9.
- Rahmat, F. 2017. *Komunikasi langsung “Ikan Baung”*. UPT BBI Sawangan, Magelang. (Februari 2017)
- Saiki, R.K., D.H. Gelfand, S. Stoffel, S. Scharl. R. Higushi, G.T. Horn, K.B. Mullis, and H.A. Erlich. 1988. Primer-directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase. *Science* 239:487-491.
- Saiki, R.K., S. Scharf, F. Faloona, K.B. Mullis, G.T. Horn, H.A. Erlich, & N. Arnheim. 1985. Enzymatic Amplification of Beta-Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickel Cell Anemia. *Science*. 230:1350- 1354.
- Sholihin, D.D. 1994. Peran DNA Mitokondria (mtDNA) dalam Studi Keragaman Genetik dan Biologi populasi pada Hewan. *Hayati*. 1 (1): 1-4
- Slamat. 2009. *Keanekaragaman genetik ikan betok (Anabas testudineus Bloch) pada tiga ekosistem perairan rawa di Provinsi Kalimantan Selatan*. Tesis. Sekolah Pascasarjana. Intitut Pertanian Bogor. Bogor.
- Soewardi, K. 2007. *Pengelolaan Keragaman Genetik Sumberdaya Perikanan dan Kelautan*. Departemen Manajemen Sumberdaya Perikanan. Fakultas Perikanan dan Kelautan Institut Pertanian Bogor. Bogor. p.153

- Tamura, K., Peterson, D., Peterson, N., Stecher, G., Nei, M., and Kumar, S., 2011. MEGA5: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, Evolutionary Distance, and Maximum Parsimony Methods. *Molecular Biology and Evolution*. 28:2731–2739.
- Tan, H.H. & H.H. Ng. 2000. The catfishes (Teleostei: Siluriformes) of central Sumatra. *Journal of Natural History*. 34:267–303.
- Vences, M., M. Thomas, A. van der Meijden, Y. Chiari dan D.R Vieites. 2005. Comparative performance of the 16S rRNA gene in DNA barcoding of amphibians. *Frontiers in Zoology*. 2:5.
- Volz, W. 1903. Neue fische aus Sumatra. *Zoologische Anzeiger*. 26:553-559.
- Weber, M. & L.F. De Beaufort, 1913. *The fishes off the Indo-Australian archipelago. II. Malacopterygii, Myctophoidea, Ostariophysi: Siluroidea*. Brill. Leiden. pp.404.
- Wu, Y.P., Q. He, J. Xie, X. Guo, & H. Li. 2014. The complete mitochondrial genome sequence of *Hemibagrus nemurus* (Siluriformes: Bagridae). *Mitochondrial DNA*. 1736:1–2.
- Yang, H., H. Zhao, Z. Xie, J. Sun, Z. Yang, & L. Liu. 2014. The complete mitochondrial genome of the *Hemibagrus guttatus* (Teleostei, Bagridae). *Mitochondrial DNA*. 27(1):679–681.^a
- Yang, H., H. Zhao, J. Sun, Y. Zhang, Z. Yang, & L. Liu. 2014. The complete mitochondrial genome of the *Hemibagrus wyckioides* (Teleostei, Bagridae). *Mitochondrial DNA*. 27(1):682–684.^b
- Yang, Z. & B. Rannala. 2012. Molecular Phylogenetics: Principles and Practice. *Proc. Natl Acad. Sci. USA*. 13: 303-314.
- Zabeau, M.P and Vos. 1993. *Selective Restriction Fragment Amplification: A General Method for DNA Fingerprints*.
- Zeng, Q., H. Ye, Z. Peng, & Z. Wang, 2012. Mitochondrial genome of *Hemibagrus macropterus* (Teleostei, Siluriformes). *Mitochondrial DNA*. 23(5):355–357.