

DAFTAR PUSTAKA

- Adilla, I. 2004. *Cerita Rakyat dari Agam (Sumatra Barat)*. Jakarta: Penerbit Grasindo. Halaman 32.
- Baldauf, S. L. 2003. Phylogeny for the Faint of Heart: a Tutorial. *TRENDS in Genetics*. Vol. 19 No. 6: 345-351.
- Beshera, K. A. and Harris, P. M. 2014. Mitochondrial DNA Phylogeography of the *Labeobarbus intermedius* Complex (Pisces, Cyprinidae) from Ethiopia. *J. Fish Biol.* 85 (2), 228-245.
- Borkenhagen, K. 2017. Molecular Phylogeny of the Tribe Torini Karaman, 1971 (Actinopterygii: Cypriniformes) from the Middle East and North Africa. *Zootaxa*. Vol. 4236 (2): 291-301.
- Briolay, J., N. Galtier, R. M. Brito and Y. Bouvet. 1997. Molecular Phylogeny of Cyprinidae Inferred from Cytochrome b DNA Sequences. *Molecular Phylogenetics and Evolution*. Vol. 9 No. 1: 100-108.
- Burland, T. G. 2000. DNA STAR's Lasergene Sequence Analysis Software. *Methods Mol. Biol.* 132: 71-91.
- Chouduri, S. 2014. *Bioinformatics for Beginner: Genes, Genomes, Molecular Evolution, Databases and Analytical Tools*. USA: Elsevier. Halaman 209.
- Desai, V. R. 2003. *Synopsis of Biological Data on the Tor Mahseer Tor tor (Hamilton, 1822)*. India: Central Inland Capture Fisheries Research Institute. Halaman 1.
- De Silva, S., T. T. T. Nguyen, Sim, S. Y., Ingram, B., Gooley, G., Sungan, S., Tinggi, D. 2007. *Artificial Propagation of Semah, Tor douronensis and Empurau, Tor tambroides, Two Spesies of Commercial and Conservation Value to Sarawak, Guidelines for Broodstock Management, Propagation and Culture*. Malaysia: The Government of Sarawak. Halaman 2.
- DeKui, H. and C. YiFeng. 2007. Molecular Phylogeny and Biogeography of the Highly Specialized Grade Schizothoracine Fishes (Teleostei: Cyprinidae) inferred from Cytochrome b Sequences. *Chinese Science Bulletin*. Vol. 52 no. 6:777-788.
- Direktorat Konservasi Kawasan dan Jenis Ikan. 2015. *Pedoman Umum Restocking Ikan Terancam Punah*. Jakarta: Kementerian Kelautan dan Perikanan. Halaman 1.

- Esa, Y. B., Japning, J. R. R., K. A. A. Rahim, S. S. Siraj, S. K. Daud, S. G. Tan and S. Sungan. 2012. Phylogenetic Relationship among Several Fresh Water Fishes (Family: Cyprinidae) in Malaysia Inferred from Partial Sequencing of the Cytochrome b Mitochondrial DNA (mtDNA) Gene. *Pertanika J. Trop Agric. Sci.* 35 (2): 307-318.
- Farias, I. P., G. Orti, I. Sampaio, H. Schneider, A. Meyer. 2001. The Cytochrome b Gene as a Phylogenetic Marker: The Limits of Resolution for Analyzing Relationships among Cichlid Fishes. *J. Mol. Evol.* 53:89–103.
- Gibbs, R. A. 1990. DNA Amplification by the Polymerase Chain Reaction. *Anal. Chem.* 62. 1202-1214.
- Gregory, T. R. 2008. Understanding Evolutionary Trees. *Evo Edu Outreach.* 1:121-137.
- Guo, B., Tong, C. and He, S. 2009. Sox Genes Evolution in Closely Related Young Tetraploid Cyprinid Fishes and Their Diploid Relative. *Gene* 439. 1(2): 102-112.
- Haryono and Tjakrawidjaja, A. H. 2006. Morphological Study for Identification Improvement of Tamba Fish (*Tor* spp.: Cyprinidae) from Indonesia. *Biodiversitas.* Volume 7 Nomor 1: 59-62.
- Hillis, D. M. 1987. Molecular Versus Morphological Approaches to Systematics. *Ann. Rev. Ecol. Syst.* Vol. 18:23-24.
- Hsu, K., N. Shih, I. Ni, K. Shao. 2009. Speciation and Population Structure of Three *Trichiurus* Species based on Mitochondrial DNA. *Zoological Studies.* 48(6): 835-849.
- Hu, J., Y. Cai, S. Xiong, S. Li, X. Wang, Z. He and T. Yan. 2016. The Complete Mitochondrial DNA of *Gymnoypris potanini firmispinatus* and Comparative Mitogenomic Analyses of the *Gymnocypris* Species. *Mitochondrial DNA Part B.* 1(1): 436-437.
- Joshi, M and Deshpande. 2010. Polymerase Chain Reaction: Methods, Principles and Application. *International Journal of Biomedical Research.* Vol. 1(5): 81-97.
- Karlina, W., Roesma, D. I., Tjong, H. D. 2016. Phylogenetic study of *Puntius cf. binotatus* fish from Gunung Tujuh Lake in Sumatera Based on Cytochrome b Gene. *Journal of Entomology and Zoology Studies.* 4(2): 538-540.
- Kartavtsev, Y. PH and Lee J. S. 2006. Analysis of Nucleotide Diversity at Genes Cyt-b and Co-1 on Population, Species and Genera Levels: Applicability of DNA and Allozyme Data in the Genetics of Speciation. *Russian Journal of Genetic.* Vol. 42: 317-362.

- Kartavtsev, Y. PH. 2011. Divergence at Cyt-b and Co-1 mtDNA Genes on Different Taxonomic Levels and Genetics of Speciation in Animals. *Mitochondrial DNA*. 22(3): 55-65.
- Kochet, T. D., W. K. Thomas, A. Meyer, S. V. Edwards, S. Paabo, F. X. Villablanca, and A. C. Wilson. 1989. Dynamics of Mitochondrial DNA Evolution in Animals: Amplification and Sequencing with Conserved Primers. *Proc. Natl. Acad. Sci. USA*. Vol. 86: 6196-6200.
- Kotlik, P., Bogutskaya, N. G. and Ekmekci, F. G. 2004. Circum Black Sea Phylogeography of Barbus Freshwater Fishes: Divergence in the Pontic Glacial Refugium. *Mol. Ecol.* 13 (1), 87-95.
- Kottelat, M. and Whitten, T. 1996. *Freshwater Biodiversity in Asia with Special Reference to Fish*. USA: The International Bank for Reconstruction and Development, The World Bank. Halaman 18.
- Kottelat, M. 2013. The Fishes of the Inland Waters of Southeast Asia: A Catalogue and Core Bibliography of the Fishes Known to Occur in Freshwaters, Mangrove and estuaries. *The Raffles Bulletin of Zoology*. 27: 1-663.
- Li, S., D. K. Pearl and H. Doss. 2000. *Phylogenetic Tree Construction using Markov Chain Monte Carlo*. Journal of the American Statistical Association. Vol. 95(450):493-508.
- Li, W., Shan He, Siquan T. and Xiaojie D. 2016. Phylogeny Analysis of Complete Mitochondrial DNA Sequences for Pelagic Fishes from Tuna Fishery. *Mitochondrial DNA Part B*, 1:1, 811-814.
- Linacre, A and Lee, J. C. 2016. Species Determination: The Role and Use of the Cytochrome b Gene. William Goodwin (ed.), *Forensic DNA Typing Protocols, methods in Molecular Biology*. Vol. 1420: 287-296.
- Markova, S., Sanda, R., Crivelli, A., Shumka, S., Wilson, I. F., Vukic, J., Berrebi, P. and Kotlik, P. 2010. Nuclear and Mitochondrial DNA Sequence Data Reveal the Evolutionary History of Barbus (Cyprinidae) in the Ancient Lake Systems of the Balkans. *Mol. Phylogenet. Evol.* 55 (2), 488-500.
- Nei, M. and S. Kumar. 2000. *Molecular Evolution and Phylogenetics*. New York: Oxford University Press. Halaman 73.
- Nguyen, T. T. T., U. Na-Nakorn, S. Sukmanomon and C. ZiMing. 2008. A Study and Biogeography of Mahseer Species (Pisces: Cyprinidae) using Sequences of Three Mitochondrial DNA Gene Regions. *Molecular Phylogenetics and Evolution*. 48: 1223-1231.

- Pavan-Kumar A., Raman S., Koringa P. G., Patel N., Shah T., Singh R. K., Krishna G., Joshi C. G., Gireesh-Babu P. and Chaudhari A. 2016. Complete Mitochondrial Genome of Threatened Mahseer *Tor Tor* (Hamilton 1822) and its Phylogenetic Relationship within Cyprinidae Family. *J. Genet.* 95.
- Pérez-Rodríguez, R., O. Domínguez-Domínguez, G. Pérez, P. de León and I. Doadrio. 2009. Phylogenetic Relationships and Biogeography of the Genus *Algansea* Girard (Cypriniformes: Cyprinidae) of Central Mexico Inferred from Molecular Data. *BMC Evolutionary Biology* 9:223.
- Quick, P. 2011. *Identifying Ten Common Freshwater Fish of Indonesia: Translation and Lexicographical Information for English-Indonesian*. Sulang Language data and Working Papers: Topics in Lexicography, no. 6.
- Roesma, D. I. 2011. Diversitas Spesies dan Kekerabatan Genetik Ikan-Ikan Cyprinidae di Danau-Danau dan Sungai-Sungai di Sekitarnya di Kawasan Sumatera Barat. *Disertasi*. Program Pasca Sarjana Universitas Andalas. 199 hal.
- Roesma, D. I. 2011. Diversitas Spesies dan Kekerabatan Genetik Ikan-ikan Cyprinidae di Danau-danau dan Sungai-sungai di Sekitarnya di Kawasan Sumatera Barat. *Disertasi*. Universitas Andalas. Padang.
- Roesma, D. I., D. H. Tjong and W. Munir. 2015. *New Record Species and Morphological Description to Distinguish Between Five Species of Tor (Cyprinidae) In West Sumatra*. Laporan Penelitian. Universitas Andalas.
- Roesma, D. I., D. H. Tjong, dan W. Munir. 2017. Unpublish.
- Rozas, J., Sanches Del Barrio J. C., Messeguer, Rozas, X. R. 2003. DnaSP, DNA Polymorphism Analyses by the Coalescent and Other Methods. *Bioinformatics*, 19: 2496-2497.
- Saccone, C., C. de Giorgi, C. Gissi, G. Pesole, and A. Reyes. 1999. Evolutionary Genomics in Metazoa: the Mitochondrial DNA as a Model System. *Gene* 238. 195-209.
- Sati, J., R. Kumar, P. K. Sahoo, R. S. Patiyal, S. Ali and A. Barat. 2013. Genetic Characterization of Golden Mahseer (*Tor putitora*) using Mitochondrial DNA Markers. *Mitochondrial DNA*, Early Online 1-7.
- Satoh, T. P., M. Miya, K. Mabuchi, M. Nishida. 2016. Structure and Variation of the Mitochondrial Genome of Fishes. *BMC Genomics*. 17:719.

- Schaffer, S. W., and M. S. Suleiman. 2007. *Mitochondria the Dynamic Organelle*. New York: Springer Science+Business Media. Halaman 323.
- Tamura, K., G. Stecher, D. Peterson, A. Filipksi and S. Kumar. 2013. MEGA6: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, Evolutionary Distance and maximum Parsimony Methods. *Mol. Biol. Evol.* 28(10): 2731-2739.
- Tang, Q., Liu, H., Mayden, R. and Xiong, B. 2006. Comparison of Evolutionary Rates in the Mitochondrial DNA Cytochrome b Gene and Control Region and their Implications for Phylogeny of the Cobitoidea (Teleostei: Cypriniformes). *Mol. Phylogenet. Evol.* 39 (2), 347-357.
- Templeton, A. R. 2004. Using Haplotype Trees for Phylogeographic and Species Inference in Fish Populations. *Environmental Biology of Fishes*. 69: 7-20.
- Urich, K. 1994. *Comparative Animal Biochemistry*. New York: Springer Verlag-Berlin Heidelberg. Halaman 52.
- Van Pelt-Verkuil, E., van Belkum, A. and Hays, J. P. 2008. *Principles and Technical Aspects of PCR Amplification*. Springer Science + Business Media B. V. Netherlands. Halaman 15.
- Wiens, J. J. 2004. The Role of Morphological Data in Phylogeny Reconstruction. *Syst. Biol.* 53(4):653–661.
- Whiteley, A. R., Bhat, A., Martins, E. P., Mayden, R. L., Arunachalam, M., Uusi-Heikkila, S., Ahmed, A. T., Shrestha, J., Clark, M., Stemple, D. and Bernatchez, L. 2011. Population Genomics of Wild and Laboratory Zebrafish (*Danio rerio*). *Mol. Ecol.* 20 (20), 4259-4276.
- Xiao, W., Y. Zhang, H. Liu. 2001. Molecular Systematics of Xenocyprinae (Teleostei: Cyprinidae): Taxonomy, Biogeography, and Coevolution of a Special Group Restricted in East Asia. *Molecular Phylogenetics and Evolution*. 18(2): 163–173.
- Yang, L., Sado, T., Vincent Hirt, M.m Pasco-Viel, E., Arunachalam, M., Li, J., Wang, X., Freyhof, J., Saitoh, K., Simons, A. M., Miya, M., He, S., Mayden, R. L. Phylogeny and Polyploidy: Resolving the Classification of Cyprinine Fishes (Teleostei: Cypriniformes). *Molecular Phylogenetics and Evolution*. 1-51.
- Yue, G. H. and L. Orban. 2001. Rapid Isolation of DNA from Fresh and Preserved Fish Scales for Polymerase Chain Reaction. *Mar. Biotechnol.* 3: 199–204.
- Zardoya, R. and A. Meyer. 1996. Phylogenetic Performance of Mitochondrial Protein-Coding Genes in Resolving Relationships among Vertebrates. *Mol. Biol. Evol.* 13(7):933-942.

Zheng, L., Yang, J. and Chen, X. 2016. Molecular Phylogeny and Systematics of the Barbinae (Teleostei: Cyprinidae) in China Inferred from Mitochondrial DNA Sequences. *Biochemical Systematics and Ecology*. Vol. 68: 250-259.

