

## DAFTAR PUSTAKA

- Arab, M.A., C.H.Z Siederdissen, K. Touth, A.H. Sahyoun, P.F. Stadler., dan M. Bernt. 2017. Accurate Annotation of Protein-Coding Genes in Mitochondrial Genomes. *Molecular Phylogenetics and Evolution*. 106: 209-216.
- Arakawa, O., D.F. Hwang, S. Taniyama, dan T. Takatani. 2010. Toxins of Pufferfish That Cause Human Intoxications. *Coastal Environmental and Ecosystem Issues of the East China Sea*. 227-244.
- Arif, I. A., dan H.A. Khan. 2009. Molecular Markers for Biodiversity Analysis of Wildlife Animals: A Brief Review. *Animal Biodiversity and Conservation* 32.1
- Azman, A.M.N., M. Samsur, dan M. Othman. 2014. Distribution of Tetrodotoxin Among Tissues of Pufferfish from Sabah And Sarawak Waters. *Sains Malaysiana*. 43(7):1003–1011.
- Baran, E., S. Samadee., T. S. Jiau., dan T.T.Cong. 2013. Fish and Fisheries in The Sekong, Sesan and Srepok Basins (3s Rivers, Mekong Watershed), with Special Reference to The Sesan River). International Center for Environmental Management. Vietnam.
- Bane, V., M. Lehane, M. Dikshit, A. O'Riordan, dan A. Furey. 2014. Tetrodotoxin: Chemistry, Toxicity, Source, Distribution and Detection. *Toxins (Basel)*. 6(2):693-755.
- Belle, M.S, G. Piganeau, M. Gardner, dan A. Eyre-Walker. 2005. An Investigation of The Variation in The Transition Bias Among Various Animal Mitochondrial DNA. *Gene*. 355 (2005):58 – 66.
- Betancur-R, Ricardo., E.O. Wiley, G. Arratia, A. Acero, N. Bailly, M. Miya, G. Lecointre, dan G. Ortí. Phylogenetic Classification of Bony Fishes. *BMC Evolutionary Biology*. 17:162
- Boore, J.L. 1999. Survey and Summary Animal Mitochondrial Genoms. *Nucleic Acids Research*. 27(8): 1767-1780.
- Brown, T.A. 2002. *Genoms 2nd edition*. Wiley-Liss. Oxford.
- Burland, T. G. 2000. DNA STAR's Lasergene Sequence Analisis Software. *Methods Molecular Biology*. 132:71-91.
- Cailliet, G.M., M.S Love, dan W. Ebeling, 1986. Fishes: A Field and Laboratory Manual on Their Structure, Identification, and National History. Waveland Press Inc.

- Crawford, D.C. dan D.A Nickerson. 2005. Definition and Clinical Importance of Haplotypes. *Annual Review of Medicine*. 56:303–2.
- Daru, B.H., T.L. Elliott, D.S. Park, dan T.J. Davie. 2017. Understanding The Processes Underpinning Patterns of Phylogenetic Regionalization. *Trends in Ecology & Evolution*. 32(11): 845-860.
- Dekkers, W.J. 1975. Review of The Asiatic Freshwater Puffers of The Genus *Tetraodon* Linnaeus, 1758 (Pisces, Tetraodontiformes, Tetraodontidae). *Bijdragen Tot De*. 45(1) : 88-141.
- Ding, MG, Butler CA, Saracco SA, Fox TD, Godard F, di Rago JP, Trumppower BL. 2009. An Improved Method for Introducing Point Mutations into The Mitochondrial Cytochrome b Gene to Facilitate Studying The Role of Cytochrome B in The Formation of Reactive Oxygen Species. *Methods Enzymol* 456:491-506.
- Doi, H., H. Sakai, Y. Yamanoue, T. Sonoyama, dan T. Ishibashi. 2015. Spawning of Eight Southeast Asian Brackish and Freshwater Puffers of The Genera *Tetraodon* and *Carinotetraodon* in Captivity. *Fisheries in Science* 81(2):291-299.
- Edwards, R.J. 2018. Phylogenetic Tree Rooting. *Encyclopedia of Bioinformatics And Computational Biology*. doi:10.1016/B978-0-12-809633-8.20258-6.
- Farias, I.P., G. Orti, I. Sampaio, H. Schneider, dan A. Meyer. 2001. The Cytochrome b Gene as A Phylogenetic Marker: The Limits of Resolution for Analyzing Relationship Among Cichlid Fishes. *Journal of Molecular Evolution*. 53: 89-103.
- Farrag, M.M.S., T.B.H. Soliman, E.K.A. Akel, A.A.K. Elhaweeet, dan M.A. Moustafa. 2015. Molecular Phylogeny and Biometrics of Lessepsian Puffer Fish *Lagocephalus sceleratus* (Gmelin, 1789) from Mediterranean and Red Seas, Egypt. *The Egyptian Journal of Aquatic Research*. 41(4): 323-335.
- Febriani, L. 2010. *Studi Makanan dan Pertumbuhan Ikan Bilik (*Mystacoleucus padangensis*) di Danau Singkarak, Sumatera Barat*. [Skripsi]. IPB. Bogor.
- Feng, Y., Q. Li, dan L. Kong. 2011. DNA Barcoding and Phylogenetic Analysis of Pectinidae (Mollusca: Bivalvia) Based on Mitochondrial COI and 16S rRNA Genes. *Molecular Biology Reports*. 38(1): 291-299.
- Fontanesi, F. 2015. Mitochondria: Structure and Role in Respiration. *Encyclopedia of Life Sciences*. Wiley-Blackwell. Amerika Serikat.
- Froese, R. dan D. Pauly. Editors. 2017a. FishBase: Family Tetraodontidae – Puffers <http://www.fishbase.org/> Summary/FamilySummary.php?ID=448

- Froese, R. dan D. Pauly. Editors. 2017b. Fishbase: *Pao leiurus* (Bleeker, 1850) <https://www.fishbase.de/summary/Paoleiurus.html>
- Gong, Z dan Bao. 2016. Complete Mitochondrial DNA Sequence of Globe Fish *Tetraodon lineatus* (Linnaeus, 1758) and The Phylogenetic Analysis of Tetraodontidae. *Mitochondrial DNA* 1(1):781-782
- Gregory, T.R. 2008 Understanding Evolutionary Trees. *Evolution: Education and Outreach*. 1:121– 137
- Habib, M., W.S. Lakra, V. Mohindra, P. Khare, A.S. Barman, A. Singh, K.K.Lal, P. Punia, dan A.A. Khan. 2010. Evaluation of Cytochrome b mtDNA Sequences in Genetic Diversity Studies of *Channa marulius* (Channidae: Perciformes). *Molecular Biology Reports*. 38(2): 841-6.
- Hu, W., Z. Gao, B. Kang, dan J. Zhang. 2015. Mitochondrial Genome of *Monotrete leiurus* (Osteichthyes: Tetraodontidae). *Mitochondrial DNA*. 26(5):793–794.
- Igarashi, Y., H. Doi, Y. Yamanoue, S. Kinoshita, T. Ishibashi, H. Ushio, S. Asakawa, M. Nishida, dan S. Watabe. 2013. Molecular Phylogenetic Relationship of *Tetraodon* Pufferfish Based on Mitochondrial DNA Analysis. *Fisheries Science*. 79:243–250.
- Karlina, W., D.I. Roesma, dan D.H. Tjong. 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.P.H. 2011. Divergence at Cyt-b and Co-1 mtDNA Genes on Different Taxonomic Levels and Genetics of Speciation in Animals. *Mitochondrial DNA*. 22(3): 55-56
- Kartavtsev, Y. P. 2013. Sequence Diversity at Cyt-b and Co-1 mtDNA Genes in Animal Taxa Proved Neo-darwinism. *Journal of Phylogenetics and Evolutionary Biology*. 1(4):1-5.
- Khan, M.F, Khan M.N., Khattak, He D., Rehman A., Chen Y. 2017. Mitochondrial Genom Sequence and Gene Organization of Kunar Snow Trout (*Schizothorax labiatus*) with Phylogenetic Consideration. *Gene Reports* 7: 64-73.
- Kottelat, M. dan T. Whitten,. 1993. Freshwater Fishes of Western Indonesia and Sulawesi. Katikasari S, dan Wijoatmodjo. Periplus Edition. Jakarta.
- Kottelat, M dan T. Whitten. 1996. Freshwater Biodiversity in Asia with Special Reference to Fish. The World Bank. Washington D.C.
- Kottelat, M. 2001. Nomenclatural Status of Names of Tetraodontiform Fishes Based on Bibron's unpublished work. *Zoosystema* 23(3).

- Kottelat, M. 2011. Fishes of the Xe Kong Drainage in Laos, Especially from The Xe Kaman. WWF & Critical Ecosystem Partnership Fund
- 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, Mangroves and Estuaries. *The Raffles Bulletin of Zoology* 27: 1-663.
- Kumar, S., G. Stecher, dan K. Tamura. 2016. Mega 7: Molecular Evolutionary Genetics Analysis Version 7.0 for Bigger Datasets. *Molecular Biology Evolution* 33(7):1870-1874.
- Liu, H. dan Chen, Y. 2003. Phylogeny of The East Asian Cyprinids Inferred from Sequences of the Mitochondrial DNA Control Region. *Canadian Journal of Zoology*. 81:1938–1946.
- Lubis, N., Adnan K., dan Nur EF. 2012. Fish Community and Water Quality in Singkarak Lake Solok Regency Sumatera Barat Province. *Jurnal FMIPA. UNRI*. Riau.
- Lyubetsky, V., W.H. Piel, dan P.F. Stadler. 2016. Molecular Phylogenetics. *BioMed Research International* 2016.
- Matsuura, K. 2001. Triacanthodidae, Triacanthidae, Balistidae, Ostaciidae, Aracanidae, Triodontidae, Tetraodontidae. Carpenter K, Niem (editor) FAO species identification guide for fishery purposes. The Living Marine Resources of The Western Central Pacific. Vol 6. Bony fishes part 4 (Labridae to Latimeriidae). FAO. Rome.
- Matsuura, K. 2015. Taxonomy and Systematics of Tetraodontiform Fishes: A Review Focusing Primarily On Progress in The Period From 1980 to 2014. *Ichthyological Research*. 62:72–113.
- Neapolitan, R.E. 2009. Molecular Phylogenetics. *Probabilistic Methods for Bioinformatics* 295–332.
- Noguchi, T., Kazue Onuki, dan Osamu Arakawa. 2011. Tetrodotoxin Poisoning Due to Puffer Fish and Gastropods, and Their Intoxication Mechanism. *International Scholarly Research Network Volume* 2011.
- Nontji, A. 2016. *Danau Singkarak.* [http://www.limnologi.lipi.go.id/file/file\\_nontji/DANAU%20SINGKARAK.pdf](http://www.limnologi.lipi.go.id/file/file_nontji/DANAU%20SINGKARAK.pdf)
- Parson, W., K. Pegoraro, H. Niederstatter, M. Foger, dan M. Steinlechner. 2000. Species Identification by Means of The Cytochrome b Gene. *International Journal of Legal Medicine*. 114: 23-28.
- Patwardhan, A., S. Ray dan A. Roy. 2014. Molecular Markers in Phylogenetic Studies-A Review. *Phylogenetic Evolution Biology* 2(2): 1-9

- Pratama, G. 2015. *Kajian Kandungan Tetrodotoksin Ikan Buntal Pisang (Tetraodon lunaris) dari Perairan Kabupaten Cirebon*. [Skripsi]. IPB. Bogor.
- Rainboth, W.J. 1996. Fishes of the Cambodian Mekong. FAO. Rome.
- 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]. Pasca Sarjana Universitas Andalas. Padang.
- Roger, A.J., M. Kolisko, dan A.G.B. Simpson. 2012. *Phylogenomic Analysis: Assessing Statistical Significance*, in: *Evolution of Virulence in Eukaryotic Microbe*. Ed.: L.D.Sibley, B.J.Howlerr and J. Heitman. Wiley-Blackwell.
- Rozas, J., J.C. Sanchez-DelBarrio, X. Messeguer X, R. Rozas. 2003. DnaSP, DNA Polymorphism Analyses by Coalescent and Other Methods. *Bioinformatics*. 19: 2496-2497
- Saenjundaeng, P., C. Vidthayanon, C. Grudpun. 2015. Tetraodon palustris, a New Freshwater Pufferfish (Tetraodontiformes: Tetraodontidae) from the Mekong Basin of Thailand. *Zootaxa* 3686(1)-77-84
- Saha P., D. Singh, S. Venu, dan B.S. Ram. 2015. Effect of Tetrodotoxin of Puffer fish *Arothron immaculatus* on *Oreochromis mossambica* from South Andaman, Indian EEZ. *International Journal of Environmental Science and Toxicology Research*. 3(6): 85-91.
- Satoh, T. P., M. Miya, K. Mabuchi, dan M. Nishida. 2016. Structure and Variation of the Mitochondrial Genome of Fishes. *BMC Genomics*. 17:719.
- Schaffer, S. W., dan M. S. Suleiman. 2007. *Mitochondria the Dynamic Organelle*. Springer. New York.
- Schmidt, H.A. 2003. *Phylogenetic Trees from Large Datasets*. [Disertasi] Universitas Düsseldorf. Düsseldorf.
- Shamsuzzaman, M.M., A.H.A. Rashid, M.A.A Mamun, S.K. Mazumder SK dan Haque MA. 2015. Present Status of Marine Puffer Fishes in Bangladesh. *Journal Aquaculture Research Development*. 6(10):85-91.
- Shearer, T.L., dan Coffroth MA. 2008. DNA Barcoding: Barcoding Corals: Limited by Interspecific Divergence, Not Intraspecific Variation. *Molecular Ecology Resource* 8(2): 247-55.
- Tang, Q.Y., H.Z., Liu, R. Mayden, dan Xiong. 2005. Comparison of Evolutionary Rates in The Mitochondrial Dna Sitokrom B Gene and Control Region and Their Implications for Phylogeny of The Cobitoidea (Teleostei: Cypriniformes) *Molecular Phylogenetics and Evolution*. 39: 347-357
- Templeton, A. R. 2005. Haplotype Trees and Modern Human Origins. *Yearbook Of Physical Antrhropology* 48: 33-59

- Thomas, K. dan I. Stoger. 2016. DNA Extraction, Preservation, and Amplification. dalam W.J. Kress dan D.L. Erickson (Ed). DNA Barcode: Methods and Protocols, Methods in Molecular Biology. Volume 858. Chapter 14.
- Vidthayanon, C. 2012. Monotrete cambodgiensis. The IUCN Red List of Threatened Species. e.T169505A1277394. <http://dx.doi.org/10.2305/IUCN.UK.2012-1.RLTS.T169505A1277394.en>.
- Vogler, A.P. dan Monaghan, M.T. 2006. Recent Advances in DNA Taxonomy. *Journal of Zoological Systematics and Evolutionary Research*. 45: 1–10.
- Wallace, D.C. dan D. Chalkia. 2013. Mitochondrial DNA Genetics and The Heteroplasmy Conundrum In Evolution and Disease. *Cold Spring Harbor Perspectives in Biology*. 5(11)
- Weber, M., dan L.F. De Beaufort. 1962. The fishes of the Indo-Australian Archipelago XI Scleroparei, Hypostomides, Pediculati, Plectognathi, Opisthom, Doscpcephali. Xenopterygii, E.J. Brill. Leiden.
- Yamanoue Y, M. Miy, J.G. Inoue, K. Matsuura, dan M. Nishida. 2006. The Mitochondrial Genome of Spotted Green Pufferfish *Tetraodon nigroviridis* (Teleostei: Tetraodontiformes) and Divergence Time Estimation Among Model Organisms in fishes. *Genes Genetic Sysemt* 81(1): 29-39.
- Yamanoue Y, M. Miya, H. Doi, K. Mabuchi, H. Sakai, dan M. Nishida. 2011. Multiple Invasions into Freshwater by Pufferfishes (Teleostei: Tetraodontidae): A Mitogenomic Perspective. *PLoS ONE* 6(2)
- Zhang, J. dan R. Hanner. Molecular Approach to the Identification of Fish in The South China Sea. February 2012 Volume 7 Issue 2
- Zimmer, E. dan D. Wildman. 2017. Editorial for 25<sup>th</sup> Anniversary Issue of Molecular Phylogenetics and Evolution. *Molecular Phylogenetics and Evolution* 117(2017): 1.
- Zubir, V., Syaifulah, dan I.J. Zakaria. 2009. *The Puffers at Lampung Bay, Lampung, Indonesia*. [Skripsi]. Universitas Andalas. Padang.