

## DAFTAR PUSTAKA

- Brinkman, F. S. L and Leipe, D. D. 2001. Phylogenetic Analysis. In: Bioinformatics: A Practical Guide to the Analisys of Gene and Protein. Baxevanis, A. D. and B. F. F. Ouellette (Eds.). *John Willey & Sons.* pp. 323-358.
- Brown, W. M., M. George J. R. and A. C. Wilson. 1979. Rapid Evolution of Animal Mitochondrial DNA. *Proc. Natl. Acad. Sci.* 76: 1967-1971.
- Burland, T. G. 2000. DNASTAR's Lasergene Sequence Analysis Software. *Methods Mol Biol.* 132:71-91.
- Cailliet, G. M., M. S. Love and A. W. Ebeling. 1986. *Fishes: A Field and Laboratory Manual on Their Structure, Identification and Natural History.* Waveland Press, Inc.
- Campbell, N. A., Reece, J. B., and Mitchell, L. G. 2002. *Biologi Jilid 2.* Erlangga, Jakarta.
- Chang, C. H., Y. T. Shao and H. W. Kao. 2006. Molecular Identification of Two Sibling Species of *Puntius* in Taiwan. *Zoological Studies.* 45(2): 149-156.
- Collins, R. A., K. F. Armstrong, R., Meier, Y. Yi, S. D. J. Brown, R. H. Cruickshank, S. Keeling and C. Johnston. 2012. Barcoding and Border Biosecurity: Identifying Cyprinid Fishes in the Aquarium Trade. *PLoS ONE.* 7 (1): e28381.
- Dinas Peternakan dan Perikanan Kabupaten Kerinci. 2014. *Tentang Kerinci.* <http://dpp.kerincikab.go.id/tentang-kerinci>, 29 Agustus 2014.
- Dowell, K. 2008. Molecules Phylogenetics: An Introduction to Computational Methods and Tools for Analyzing Evolutionary Relationships. *Paper.* 1-16.
- Elmer, K. R. Kusche, H., Lehtonen, T. K and Meyer, A. 2010. Local Variation and Parallel Evolution: Morphological and Genetic Diversity Across a Species Complex Of Neotropical Crater Lake Cichlid fishes. *Phil. Trans. R. Soc. B.* 365: 1763–1782.
- Farias, I. P., G. Orti, I. Sampaio, H. Schneider and 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.

- Ganzon, M. A. M., Torres, M. A. J., Gorospe, J. J. and Demayo, C. G. Variations in Scale Morphology between Sexes of the Spotted Barb. *2nd International Conference on Environment and BioScience*. 44: 80-84.
- Hall, B. K and B. Hallgrimson. 2012. *Evolution. Fifth Edition*. Dalhousie dan Calgery University Press. America.
- Hall, T. A. 1999. BioEdit: A User Friendly Biological Sequence Alignment Editor and Analysis Program for Windows 95/98/NT. *Nucleic Acid Symposium Series*. 41: 95-98.
- Handika, H., A. Mursyid, A. Chornelia, M. A. Akbar, W. Karlina dan D. I. Roesma. 2014. *Diversitas Ikan, Burung (Khusus Famili Timalidae) dan Mamalia kesil di Gunung Tujuh dan Masurai*. Laporan Penelitian. Universitas Andalas. *Unpublished*.
- Handoyo, D. and Rudiretna, A. 2000. Prinsip Umum dan Pelaksanaan Polymerase Chain Reaction (PCR). *Unitas*. 9(1):17-29.
- Hou, W., Y. Chen, X. Wu, J. Hu, Z. Peng, J. Yang, Z. Tang, C. Zhou, Y. Li, S. Yang, Y. Du, L. Kong, Z. Ren, H. Zhang and S. Shui. 2006. A Complete Mitochondrial Genome Sequence of Asian Black Bear Sichuan Subspecies (*Ursus thibetanus mupinensis*). *Int. J. Biol. Sci.* 3(2):85-90.
- Jayaram, K. C. 1991. Revision of the Genus *Puntius* (Hamilton) from the Indian Region (Pisces: Cypriniformes, Cyprinidae, Cyprininae). *Records of the Zoological Survey of India, Occasional Paper*. 135: 1-178
- Jenkins, A., F. F. Kullander and H. H. Tan. 2009. *P. binotatus*. The IUCN Red List of Threatened Species. Version 2014.3. [www.iucnredlist.org](http://www.iucnredlist.org). Diakses pada 05 January 2015.
- Johns, G. C. and Avise, J. C. 1998. A comparative summary of genetic distances in the vertebrates from the mitocondrial cytochrome b Gene. *Molecular Biology Evolution*. 15: 1481-1490.
- John, L., Peter, R. and Gopalakrishnan, A. 2013. Population Structure of Denison' barb, *Puntius denisonii* (Pisces: Cyprinidae): A Species Complex Endemic to the Western Ghats of India. *J Phylogen Evolution Bio*. 1 : 106.
- 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

- Keeley, E. R., E. A. Parkinson and E. B. Taylor. 2005. Ecotypic Differentiation of Native Rainbow Trout (*Onchorhynchus mykiss*) Population from British Columbia. *Can. J. Fish. Aquat. Sci.* 62:1523-1539.
- Kottelat. 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. *An International Journal of Southeast Asian Zoology*. 27: 1-663
- Kottelat, M., A. J. Whitten, S. N. Kartikasari and S. Wirjoatmodjo. 1993. *Freshwater Fishes of Western Indonesia and Sulawesi*. Periplus Eds. (HK) Ltd and EMDI. Indonesia, Singapore.
- Kvist L. 2000. *Phylogeny and Phylogeography of European Parids*. Dissertation. Department of Biologi. OULU University. Finland.
- Lagler, K. F., J. E. Bardach, R. R. Miller, and D. R. M. Passino. 1977. *Ichthyology. Second Edition*. John Wiley and Sons, Inc., New York.
- Law, C. And C. A. Sarkar. 1999. *Topics in Computational Molecular Biology*. COS 597c.
- Lowe, A., S. Harris and P. Ashton. 2004. *Ecological Genetics: Design, Analysis and Application*. Blackwell Publishing. United Kingdom.
- Luhariya, R. K., Lal, K. K., Singh, R. K, Mohindra, V. Gupta, A., Masih, P., Dwivedy, R. D., Chauhan, U. K. and Jena, J. K. 2013. Genealogy and Phylogeography of Cyprinid Fish *Labeo rohita* (Hamilton, 1822) inferred from ATPase 6 and 8 Mitochondrial DNA Gene Analysis. *Current Zoology*. 60 (4): 460-471.
- Mettler, L. E. and Gregg, T. G. 1969. *Population Genetic and Evolution*. Prentice Hall. Inc. New Jersey.
- Moritz C, T. E. Dowling, and W. M. Brown. 1987. Evolution of Animal Mitochondrial DNA: Relevance for Population Biology and Systematics. *Annu. Rev. Ecol. Syst.* 18: 269-292.
- Moyle, P. B and J. J. Cech. 2000. *Fishes An Introduction to Ichthyology, Fourth Edition*. Prentice-Hall, Inc.
- Pallavi, M., P. Goswami, Nautiyal, A. K. Malakar, and N. S. Nagpure. 2012. Genetic Divergence and Molecular Phylogenetics of *Puntius* spp. based on the Mitochondrial Cytochrome b Gene. *Mitochondrial DNA*. 23(6): 477-483.

- Patwardhan, A., S. Ray and A. Roy. 2014. Molecular Markers in Phylogenetic Studies-A Review. *Phylogen Evolution Biol.*2(2): 1-9.
- Pethiyagoda, R., M. Meegaskumbura and K. Maduwage. 2012. A Synopsis of The South Asian Fishes Referred to Puntius (Pisces: Cyprinidae). *Ichthyol. Explor. Freshwaters.* 23(1): 69-95.
- Roberts, T. R. 1989. *The Freshwater Fishes of Western Borneo (Kalimantan Barat, Indonesia)*. California Academy of Sciences 14:1-210.
- 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.
- Rozas J, Sanchez-DelBarrio J. C., Messeguer X, Rozas R. 2003. DnaSP, DNA polymorphism analyses by coalescent and other methods. *Bioinformatics.* 19: 2496-2497.
- Ryan, J. R. J. and Y. B. Esa. 2006. Phylogenetic Analysis of *Hampala* Fishes (Subfamily Cyprininae) in Malaysia Inferred from Partial Mitochondrial Cytochrome b DNA Sequences. *Zoological Science.* 23: 893-901.
- Templeton, A. R. 2005. Haplotype Trees and Modern Human Origins. *Yearbook Of Physical Anthropology.* 48: 33–59.
- Torrente, V. G., Zuanon, J., Leprieur, F., Oberdoff, T. And Tedesco, P. A. Effect of Natural Rapids and Waterfall on Fish Assemblage Structure in the Madeira River (Amazon River). *Ecology of Freshwater Fish.* 20: 588-597.
- Schiaffino, G. Z., Kautt, A. F. Kusche, H and Meyer, A. 2015. Parallel Evolution in Ugandan Crater Lakes: Repeated Evolution of Limnetic Body Shapes in Haplochromine Cichlid Fish. *BMC Evolutionary Biology.* 15(1): 9
- Shunping, H. E., Huanzhang, L. I. U., Yiyu, C., Kuhwahara, M., Nakajima, T., and Yang, Z. 2004. Moleculer Phylogenetic Relationships of Eastern Asian Cyprinidaee (Pisces: Cypriniformes) Inferred from Cytochrome b Sequences. *Science in China Ser. C Life Sciences.*47: 130-138.
- Singh, N. S., B. K. Behera and A. P. Sharma. 2013. Population Structure of *Puntius sophore* Inferred from Variation in Mitochondrial DNA Sequences. *International Journal of Research in Fisheries and Aquaculture.* 3(3): 112-115.
- Taki, Y., A. Katsuyama and T. Urushido. 1978. Comparative Morphology and Interspecific Relationships Of The Cyprinid Genus Puntius. *Japanese Journal of Ichthyology.* 25:1-8.

Tamura, K., Stecher, G., Peterson, D., Filipski, A. and Kumar, S. 2013. MEGA6: Molecular Evolutionary Genetics Analysis Version 6.0. *Mol Biol Evol.* 30(12): 2725-2729.

Thompson, J. D., T.J. Gibson, F. Plewniak, F. Jeanmougin, D.G. Higgins. 1997. The Clustal X Windows Interface : Flexible Strategies for Multiple Sequence Alignment Aided by Quality Analysis Tools. *Nucleic Acids Research.* 24: 4876-4882.

Vitri, D. K., Roesma, D. I dan Syaifullah. 2012. Analisis Morfologi Ikan *P. binotatus* Valenciennes 1842 (Pisces: Cyprinidae) dari beberapa Lokasi di Sumatera Barat. *Jurnal Biologi Universitas Andalas.* 1(2) :139-143.

Weber, M. G. and L. F. de Beaufort, 1916. *Fishes of the Indo-Australian Archipelago Vol. III.* E. J. Brill, Leiden.

Xiaojuan Q, Bosheng Z, Yuan W. 2008. *Mitochondrial partial DNA sequences analysis of the Chi-lin fish from Tai Mountain: implication for its systematic and evolution.* [http://www.paper.edu.cn/en\\_releasepaper/content/18195](http://www.paper.edu.cn/en_releasepaper/content/18195). 11 November 2015.

