



DAFTAR PUSTAKA

- Aprilyanto V, Sembiring L. 2016. *Filogenetika Molekuler : Teori dan Aplikasi*. Innosain. Yogyakarta. pp: 45
- Arjunaidi NN, Zakaria MF, Azis AHA, Shahreza MS, Jaafar TNAM, Seah YG, Asma NA. 2016. Authentication of *Tenualosa* species in Perak River, Malaysia: application of morphological measurement and molecular analysis of partial *COI* and *16S* genes to resolve species ambiguity. *AACL Bioflux*. 9 (6): 1355-1363
- Arif IA, Khan AH, Bahkali AA, Al Homaidan AH, Al Fahrani M, Al Sadoon M, Shobrak. 2011. DNA marker technology for wildlife conservation. *Saudi Journal of Biological Science*, 18:219-225
- Aziz AHA, Tarmizi Z, Ali MN, Ariffin AN, Abdullah DDM, Lian LW, Seah YG, Jaafar TNAM, Bolong AMA, Kasim AAA, Shahreza MS, 2015. Mitochondrial DNA diversity of terubok (*Tenualosa toli*) from Daro and Mukah, Sarawak inferred by partial *Cytochrome b* (*Cyt-B*). *Journal of Fisheries and Aquatic Science*. 10 (2): 92-101
- Bandelt H, Forster P, Röhl A (1999). Median-joining networks for inferring intraspecific phylogenies. *Mol Biol Evol* 16(1):37–48.
- Bhuiyan SS. 2010. Fishes of the river Padma near Rajshahi, Bangladesh: Part-1 <http://en.bdfish.org/2010/11/fish-padma-rajshahi-bangladesh-1/>. Diakses tanggal 14 Mei 2018
- Billington N, and Hebert PDN. 1991. Mitochondrial DNA diversity in fishes and its implication for introductions. *Canadian Journal of Fisheries and Aquatic Science*. 48 (1): 80-94
- Blaber SJM, Farmer MJ, Milton DA, Pang J, BoonTeck O, Wong P. 1997. The ichthyoplankton of selected estuaries in Sarawak and Sabah: composition, distribution and habitat affinities. *Estuarine, Coastal and Shelf Science*. 45: 197–208
- Bloodsystems. 2015. (Http://v3.boldsystems.org/index.php/Taxbrowser_Taxon_page?taxid=595077). Diakses tanggal 14 Mei 2018
- Brahmane MP, Kundu SN, Das MK and Sharma AP. 2013. Low genetic diversity and absence of population differentiation of hilsa (*Tenualosa ilisha*) revealed by mitokondria DNA *Cytochrome b* region in Ganga and Hooghly Rivers. *African Journal of Biotechnology*. 12(22): 3383-3389



- Castro JA, Picornell A, Ramon M. 1998. Mitochondrial DNA: a tool for populational genetic studies. *International Microbiology*, 1: 327-332
- Chauhan T, Rajiv K. 2010. Molecular markers and their applications in fisheries and aquaculture. *Advances in Biosciences and Biotechnology*. 1: 281-291
- Direktorat Konservasi dan Keanekaragaman Hayati Laut. 2015. *Rencana Aksi Nasional Ikan Terubuk*. Kementerian Kelautan dan Perikanan. Jakarta. pp: 13-15
- Efizon D, Djunaedi OS, Dhahiyat Y, Koswara B. 2012. Kelimpahan populasi dan tingkat eksploitasi ikan terubuk (*Tenualosa Macrura*) di Perairan Bengkalis, Riau. *Berkala Perikanan Terubuk*. 40(1):52 – 65
- Halld'orsson BV, Bafna V, Edward N, Lippert R, Yoosseph S, Istrail S. 2002. A survey of computational methods for determining haplotypes in *Computational Methods for SNPs and Haplotype Inference* S. Istrail, M. Waterman, and A. Clark (Eds.). Springer. New York. pp: 26-48.
- Harrison RG. 1989. Animal mitochondrial DNA as a genetic marker in population and evolutionary biology. *TREE*. 4 (1).
- Huson DH, Rupp R, Scornavacca C. 2010. *Phylogenetic Networks: Concepts, Algorithms and Applications*. Cambridge University Press. Cambridge. pp: 73-75
- Jobling M, Hollox E, Hurles M, Kivisild T, Tyler-Smith C. 2014. *Human Evolutionary Genetics* 2nd ed. Garland Science. New York. pp: 209.
- Kartika GR, Sartimbula A, Widodo W. 2017. Varian Genetik *Sardinella lemuru* Di Perairan Selat Bali. *Jurnal Kelautan: Indonesian Journal of Marine Science and Technology*. 10(1): 21-28
- Kumar S, Stecher G, Tamura K. 2016. MEGA7: Molecular evolutionary genetics analysis version 7.0 for bigger datasets. *Mol Biol Evol* 33(7): 1870-1874.
- Lacy RC. 1997. Importance of genetic variation to the viability of mammalian populations. *Journal of Mammalogy*, 78(2): 320-335
- Leigh JW, Bryant D. 2015. PopART: Full-feature software for haplotype network construction. *Methods Ecol Evol* 6(9):1110-1116.
- Lemey P, Salemi M, Vandamme AM. 2009. The phylogenetic handbook. Cambridge: Cambridge University Press.



Librado P, Rozas J. 2009. DnaSP v5: a Software for Comprehensive Analysis of DNA Polymorphism Data. *Bioinformatics*, 25 (11): 1451-1452

Maddison WP, Maddison DR. 2017. Mesquite: a modular system for evolutionary analysis. Ver 3.31. <http://mesquiteproject.org>

Na-Nakorn U, Sukmanomon S, Nakajima Taniguchi M, Kamonrat W, Poompuang S, Nguyen TTT. 2006. MtDNA diversity of the critically endangered Mekong giant catfish (*Pangasianodon gigas* Chevey, 1913) and closely related species: implications for conservation. *Animal conservation*. 9: 483-494

Nei M. 1987 Molecular Evolutionary Genetics. Oxford University Press. New York.

Nei M. Roychoudhury AK. 1974. Sampling variances of heterozygosity and genetic distances. *Genetics*, 76: 379-390

Nei M. Kumar S. 2000. *Molecular Evolution and Phylogenetics*. Oxford University Press. New York. pp: 119-120.

Nei M and Li WH. 1979. Mathematical model for studying genetic variation in terms of restriction endonucleases. *Genetics*, 76(10): 5269-5273,

Neuhaus G, Horn R. 2004. Recombination: implications of single nucleotide polymorphisms for plant breeding in *Progress in Botany* vol. 65 K. Esser, U. Luttge, W. Beyschlag, and J. Murata (Eds.). Springer. Berlin. pp: 56-71

Northrop RB, Connor AN. 2009. *Introduction to Molecular Biology, Genomics and Proteomics for Biomedical Engineers*. CRC Press. Boca Raton. pp: 155.

Parmaksız A, Esra E. 2017. Genetic diversity of the cyprinid fish *Capoeta trutta* (Heckel, 1843) populations from Euphrates and Tigris rivers in Turkey based on mtDNA COI sequences. *Indian Journal of Fisheries*. 64(1):18-22

Pearson WR. 2013. An introduction to sequence similarity (“homology”) searching. *Curr Protoc Bioinformatics*. pp: 1-9

Radar Pekanbaru. 2015. *Pemkab Bengkalis Sosialisasikan Perubahan UU Administrasi Kependudukan*. (<Http://radarpekanbaru.com/news/detail/5391/pemkab-bengkalis-sosialisasikan-perubahan-uu-administrasi-kependudukan.html>). Diakses tanggal 2 Mei 2018



- Rahman NA, Salimon J. 2006. Physicochemical characteristics of terubuk, *Tenualosa toli* fish oil. *Malaysia Journal of Analytical Sciences*, 10(1): 115-120
- Saitou N, Nei M. 1987. The Neighbor-joining method: a new method for reconstructing phylogenetic trees. *Mol. Biol. Evol.* 4(4): 406-425
- Salim A, Hufiadi. 2016. Uji coba dan pengoperasian alat tangkap jaring ikan terubuk lapis dua di Perairan Bengkalis, Propinsi Riau. *Buletin Teknik Litkayasa*. 14(2): 77-82
- Sumardi. 2016. Variasi Genetik pada pertumbuhan tanaman konservasi Sumberdaya Genetik Cendana (*Santalum album* Linn.) Populasi pulau Timor bagian Timur. *Jurnal Ilmu Lingkungan*. 14:27-31
- Suwarso, Merta IG. 2003. Penurunan populasi dan alternatif pengelolaan ikan terubuk, *Tenualosa macrura* (Clupeidae), di Propinsi Riau. *Jurnal Penelitian Perikanan Indonesia*. 6(2): 25- 36.
- Taanman JW. 1999. The mitochondrial genome: structure, transcription, translation, and replication. *Biochimica et Biophysica Acta*, 1410: 103-123
- Taylor RW, Turnbull DM. 2005. Mitochondrial DNA mutations in human disease. *Nature Reviews Genetic*, 6(5) : 389-402,
- Ward RD, Hanner R, Hebert PDN. 2009. Review paper: The campaign to DNA barcode all fishes, FISH-BOL. *Journal of Fish Biology* 74:329-356
- Whitehead PJP. 1985. Clupeoid Fishes of The World (Suborder Clupoidei). *FAO Species Catalogue*. 7: 303
- Wikimapia. 2010. ([Http://wikimapia.org/16394649/id/Selat-Bengkalis](http://wikimapia.org/16394649/id/Selat-Bengkalis)) Diakses tanggal 2 Mei 2018
- Yuwono T. 2005. *Biologi Molekular*. Erlangga. Jakarta. p: 62.
- Zemlak TS, Ward RD, Connell AD, Holmes BH, Hebert PDN. 2009. DNA barcoding reveals overlooked marine fishes. *Molecular Ecology Resources* 9: 237-242.