

DAFTAR PUSTAKA

- Akbar, J. 2012. *Ikan Betok Budidaya dan Peluang Bisnis*. Eja Publisher. Hal 8.
- Arifin, O. Z., W. Cahyanti., & A.H. Kristanto. 2017. Keragaman genetik tiga generasi ikan tambakan (*Helostoma temminckii*) dalam program domestikasi. *Jurnal Riset Akuakultur*. 12(4). 295 – 305.
- Arisuryanti, T., G.A. Pratama., L. Hakim., J.P. Koentjana., & F.K. Nazira. 2019. Genetic characterization of kissing gourami (*helostoma temminckii* cuvier, 1829) in ogan river, south sumatra inferred from 16s rna and coi mitochondrial genes. *Indonesian Fishries Research Journal (IFRJ)*. 25(1). 37 – 44.
- Aprilia, F. E., A. Soewondo., & N. Widodo. 2014. Amplifikasi gen COI dan 16S rRNA dari invertebrata laut *Plakobranchus ocellatus*. *Jurnal Biotropika*. 2(5). 276 –278.
- Asyari, A. 2007. Pentingnya labirin bagi ikan rawa. *Jurnal Bawal Widya Riset Perikanan Tangkap*. 1(5). 161 –167.
- Bungas, K., D. Arfiati., & H. Halim. 2013. Effects of protein levels on the growth of climbing perch, *Anabas testudineus* galam type, in peat water. *International Reseach Journal of Biologycal Sciences*. 2(4). 55 – 58.
- Cheng, S.S., S. Seno., S. Siddiquee., & K. Rodrigues. 2015. Genetic variation in the mitochondria *Epinephelus lanceolatus* (Bloch, 1790) and its application for the identification of broodstock. *Aquaculture Reports*. 139 –143.
- De Jong, M.A., N. Wahlberg., M. Van Eijk., P.M. arkefield., & Zwaan, B.J. 2011. Mitochondrial dna signature for range-wide populations of bicyclus anynana suggests a rapid expansion from recent refugia. *Plos One*. 6(6). 15.
- De Vicente, M.C., F.A. Guzmán ., J. Engels., & V.R. Rao. 2005. Genetic characterization and its use in decision making for the conservation of crop germplasm. *The Role of Biotechnology*. 121 – 128.
- Dogan, I., & N. Dogan. 2016. Genetic distance measures review. *Turkiye Klinikleri J Biostat*. 8(1). 87 – 93.
- Fetzner Jr, J. & K. Crandall. 2001. Genetic variation. *Biology of freshwater*. 291 – 326.
- Gollner, S., H. Stuckas., T.C, Kihara., S. Laurent., S. Kodami., & P.M. Arbizu. 2016. Mitochondrial dna analyses indicate high diversity, expansive population growth and high genetic connectivity of vent copepods (dirivultidae) across different oceans. *Plos One*. 1 – 23.
- Haryani, G. 2013. Kondisi danau di Indonesia dan strategi pengelolaannya. *Prosiding Pertemuan Ilmiah Tahunan Masyarakat Limnologi Indonesia I*. 1 –19.
- Hasan, M.M., M.G.Q. Khan., , & M.A. Hasanat., 2005. Taxonomic comparison of the populations of climbing perch, *Anabas testudineus* (Bloch) in Bangladesh. *J.Bangladesh Agril Univ*. 3(2). 297 – 302.
- Hidayaturrehman, H. 2015. Karakteristik bentuk dan ukuran sel darah ikan betok (*Anabas testudineus*) dan ikan gabus (*Chana Striata*). *EnviroScienteae*. 11. 88 – 93.

- Hitchcock, G. 2008. Climbing Perch (*Anabas testudineus*) (Perciformes: Anabantidae) on Saibai Island, northwest Torres Strait: first Australian record of this exotic pest fish. *Memoirs of the Queensland Museum*. 52(2). 207 – 211.
- Hughes, G.M., Singh, B.N. 1970. Respiration in an air-breathing fish, the climbing perch *Anabas testudineus* Bloch. *J Exp Biol*. Vol 53. 265 – 280.
- Ibrahim, K., Gurusubramanian, G. 2017. *Bioinformatics—a student's companion*. Springer. Hal 97.
- Ilmi, W., Arisuryanti, T. (2018). Composition of mitochondrial DNA 16S nucleotide of dwarf snakehead (*Channa gachua* Hamilton, 1822) from Keji River, Magelang, Central Java. *Journal of Tropical Biodiversity and Biotechnology*. 3(2). 57–61.
- Iskandariah, I., G.H. Huwoyono., I.I. Kusmini., & R. Gustiano. 2012. Keragaman genetik tiga ikan betok (*Anabas testudineus*) berdasarkan metode RAPD. *Prosiding Indoaqua-Forum Inovasi Teknologi Akuakultur*. 1137 – 1142.
- Julaeha, A.S. 2019. Komposisi nukleotida sekuen gen mitokondria 16s Ikan Betok (*Anabas testudineus* Bloch, 1792) dari Danau Lebo Taliwang, Sumbawa Barat, Nusa Tenggara Barat. *Seminar*. Fakultas Biologi Universitas Gadjah Mada Yogyakarta. 1 – 45.
- Kabir, M. A., M. A. Habib., M. Hasan., & S. Alam. 2012. Genetic diversity in three forms of *Anabas testudineus* Bloch. *Cytologia*. 77(2). 231 – 237.
- Khoiriyah, Y. N. 2014. Karakter genetik populasi bedeng 61B Desa Wonokarto Kabupaten Lampung Timur pasca program kolonisasi pemerintah Belanda. *Biogenesis: Jurnal Ilmiah Biologi*. 2(2). 132 – 137.
- Kombong, C. B. S., & T. Arisuryanti. 2019. The 16S and COI mitochondrial DNA nucleotide composition of stripped snakehead (*Channa striata* Bloch, 1793) from Lake Sentani, Jayapura, Papua. *Jurnal Perikanan Universitas Gadjah Mada*. 20(2). 57 – 62.
- Kordi, M., & K. Guhfran. 2010. *Panduan Lengkap Memelihara Ikan Air Tawar di Kolam Terpal*. Lily Publisher. 59 – 60.
- 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*. Supplement No. 27. 1 – 663
- Kumar, S., G. Stecher., K. Tamura. 2015. MEGA7 (Molecular Evolutionary Genetics Analysis version 7.0) . *Molecular Biology and Evolution* (submitted). Tersedia online di http://www.megasoftware.net/web_help_7/helpfile.htm#rh_variable_site.htm. Diakses tanggal 4 Desember 2019.
- Librado, P., & J. Rozas. 2009. DnaSP v5: A software for comprehensive analysis of DNA polymorphism data. *Bioinformatics* 25(11). 1451 – 1452.
- Maddison, W.P., & D.R. Maddison. 2016. *Mesquite: a modular system for evolutionary analysis. Version 3.10*. Diakses melalui <http://mesquiteproject.org> pada tanggal 12 Desember 2019
- Maidie, A., S. Sumoharjo., S.W. Asra., M. Ramadhan., & D.N. Hidayanto. 2015. Pengembangan pembenihan ikan betok (*Anabas testudineus*) untuk skala rumah tangga. *Media Akuakultur*. 10(1). 31 – 37.

- Nugroho, E., K. Soerwadi., & A. Kurniawirawan. 2007. Analisis keragaman genetik beberapa populasi ikan batak (*Tor soro*) dengan metode random amplified polymorphism DNA (RAPD). *Jurnal Ilmu-ilmu Perairan dan Perikanan Indonesia*. 1(14). 53 – 57.
- Nuryanto, A., & D. Solihin. 2006. Variasi sekuens gen mitokondrial sitokrom c oksidase I dari siput lola (*Trochus niloticus*). *Biosfera*. 23(1). 33 – 37.
- Oktavia, L., & T. Arisuryanti. 2019. Komposisi nukleotida sekuen gen mitokondria 16S rRNA ikan bilih (*Mystacoleucus padangensis* Bleeker, 1852) Danau Singkarak, Solok, Sumatera Barat. *Biogenesis: Jurnal Ilmiah Biologi*. 6(2). 98 – 104.
- Okumus, I., & C. Yilmaz. 2003. Fish population genetics and molecular markers: II-molecular markers and their applications in fisheries and aquaculture. *Turkish Journal of Fisheries and Aquatic Sciences* 3: 51 – 79.
- Ratmuangkhwang, S. 2012. *Anabas testudineus*. (<https://www.fishbase.se/photos/UploadedBy.php?autoctr=16866&win=uploaded> diakses pada tanggal 24 Maret 2019)
- RIPED. 2008. Lebo Taliwang, Kekayaan flora dan fauna Sumbawa Barat (<http://konservasi4lebotaliwang.blogspot.com> diakses tanggal 27 Februari 2019)
- Satoh, T. P., M. Miya., K. Mabuchi., & M. Nishida. 2016. Structure and variation of the mitochondrial genome of fishes. *BMC Genomics*. 17:719.1 – 20.
- Singh, Y.B., H. Saha., B. Mandal., & R. Tandel. 2011. Breeding of climbing perch (*Anabas testudineus* Bloch, 1792) induced with ovate yumnam. *The Israeli Journal of Aquaculture*. 1 – 6.
- Slamat. 2009. Keanekaragaman genetik ikan betok (*Anabas testudineus* Bloch) pada tiga tipe ekosistem perairan rawa di Provinsi Kalimantan Selatan. Tesis.
- Slamat., M., A. Mursyid., & D. Arfiati. 2012. Konservasi genetik ikan betok (*Anabas testudineus* Bloch 1792) di perairan rawa, Kalimantan Selatan. *J. Lit. Perikan. Ind.* 18(1). 9 – 15.
- Slamat, S., R.K. Rina., & P. Ansyari. 2017. Pemuliaan ikan papuyu *Anabas testudineus* dengan teknik hybridisasi filogenetik meristik dari tiga tipe ekosistem perairan rawa. *Intek Akuakultur*. 1(2). 79 – 89.
- Tarwinangsih, W., A. Farajallah., C. Sumantri., & E. Andreas. 2011. analisis keragaman genetik kerbau lokal (bubalus bubalis) berdasarkan haplotipe dna mitokondria. *Seminar Nasional Teknologi Pertanian dan Veteriner*. Hal 59 – 67
- Taylor, E.W., C.A.C. Leite., D.J. McKenzie., & T. Wang. 2010. Control of respiration in fish, amphibians and reptiles. *Brazilian Journal of Medical and Biological Research*. 43(5). 409 – 424.
- Taylor, R. M., & D.M.Turnbull. 2005. Mitochondrial DNA mutations in human disease. *Nat Rev Genet*. 6(5). 389 – 402.
- Taanman, J. W. 1999. The mitochondrial genome: Structure, transcription, translation and replication. *Biochimica et Biophysica Acta – Bioenergetics*. 1410(2). 103–123.

- Tjensvoll, K., K. Hodneland., F. Nilsen., & A. Nylund. 2005. Genetic characterization of the mitochondrial DNA from *Lepeophtheirus salmonis* (Crustacea; Copepoda). A new gene organization revealed. *Gene*. 353(2). 218 – 230.
- Van der Laan, R., R. Fricke., & W.N. Eschmeyer. (eds) 2019. *Eschmeyer's Catalog Of Fishes: Classification*. (<http://www.calacademy.org/scientists/catalog-of-fishes-classification/>). Electronic version accessed 27 March 2019.
- Zhao, H., H. Yang., J. Sun., Y. Chen., L. Liu., & G. Li. 2016. The complete mitochondrial genome of the *Anabas testudineus* (Perciformes, Anabantidae). The complete mitochondrial genome of the *Anabas testudineus*. *Mitochondrial DNA*. 27(6). 1005 – 1007.
- Zhu, Z.Y., & G.H. Yue. 2008. The complete mitochondrial genome of red grouper *Plectropomus leopardus* and its applications in identification of grouper species. *Aquaculture*. 276(1-4). 44 – 49.
- Zworykin, D. D. (2018). The behavior of climbing perch, *Anabas testudineus*, with novel food in individual and social conditions. *Journal of Ichthyology*. 58(2). 260 – 264.