

- Al-Behbehani, B.E., & H.M.A. Ebrahim. 2010. Enviromental Studies on The Mudskippers in The Intertidal Zone of Kuwait Bay. *Nature and Science*. 8(1): 79-87.
- Andewi, K. 2010. *Kelangsungan hidup organisme*. ALPRIN. Semarang.
- Amelia, C. 2021. Polimorfisme gen mitokondria *16S* ikan glodok (*Periophthalmus kalolo* Lesson, 1831) dari Pasir Mendit, Kulon Progo, Daerah Istimewa Yogyakarta. Naskah Skripsi. Fakultas Biologi, Universitas Gadjah Mada, Yogyakarta.
- Ansari, A.A., S. Trivedi, S. Saggu & H. Rehman. 2014. Mudskipper: A biological indicator for environmental monitoring and assessment of coastal waters. *Journal of Entomology and Zoology Studies*, 2(6): 22-33.
- Anwar, F., D. Briawan, W.P.R. Sumiati, S. Purwaningsih, J. Santoso, & M. Astawan. 2018. *Pakan dan Gizi untuk Kesehatan dan Kesejahteraan Masyarakat*. IPB Press. Bogor.
- Arisuryanti, T., B. Ulin Nikmah, T. Kasayev, & I. Hakim. 2020. Determination of species boundaries of Selais fish from Arut River, Central Kalimantan based on *16S* mitochondrial gene using Bayesian approach. *BIO Web of Conferences*, 28, 01003.
- Arisuryanti, T., Firdaus, N.U.N., Hakim, L. 2020. Genetic characterization of striped snakehead (*Channa striata* Bloch, 1793) from Arut River, Central Kalimantan inferred from COI mitochondrial gene. *AIP Conference Proceedings*, 2260, 020001.
- Arisuryanti, T., R.L. Hasan., J.P. Koentjana. 2018. Genetic Identification of two mudskipper species (Pisces: Gobiidae) from Bogowonto Lagoon (Yogyakarta, Indonesia) using *COI* mitochondrial gene as a DNA barcoding marker. *AIP Conference Proceedings* 2002, 020068 (2018).
- Aryulina, D., C. Muslim, S. Manaf, & E.W. Winaeni. 2009. *BIOLOGI*. Erlangga. Jakarta.
- Beatty, R., D. Bright, S. Robr. 2001. *Aquatic Life of The World*. New York: Marshall Cavendish Corporation.
- Chapman, J., Y.S. Ng, & T.J. Nicholls. 2020. The maintenance of mitochondrial DNA integrity and dynamics by mitochondrial membranes. *Life*, 10(164): 1-42.
- Chinnery, P.F, & G. Hudson. 2013. Mitochondrial genetics. *British Medical Bulletin*, 106: 135-159.
- Djumanto., S. Eko, & Rudiansyah. 2012. Fekunditas ikan gelodok, *Boleophthalmus boddarti* (Pallas 1770) di Pantai Brebes. *Jurnal Ikhtologi Indonesia*, 12(1): 59-71.
- Fakhri, F., I. Narayani., I.G.N.K. Mahardika. 2015. Keragaman Genetik Ikan Cakalang (*Katsuwonus pelamis*) dari Kabupaten Jembrana dan Karangasem, Bali. *Jurnal Biologi*, 19(1): 11-14.
- Fatmarischa, N., Sutopo., S. Johari. 2014. Jarak Genetik dan Faktor Peubah Pembeda Entok Jantan dan Betina Melalui Pendekatan Analisis Morfometrik. *Jurnal Peternakan Indonesia*, 16(1): 33-39.
- Froese, R. and D. Pauly. Editors. 2021. FishBase. World Wide Web electronic publication. [www.fishbase.org](http://www.fishbase.org). Diakses pada tanggal 27 Desember 2021.
- Garg, R.K., Mishra, V. 2018. Molecular insight into the genetic and haplotype diversity among four poopulations of *Catla catla* from Madhya Pradesh revealed through mtDNA *cyto b* gene sequences. *Journal of Genetics Engineering and Biotechnology*, 16(1), 169-174.
- Grant, W.S., and B.W. Bowen. 1998. Shallow population histories in deep evolutionary lineages of marine fishes: insights from sardines and anchovies and lessons for conservation. *Journal of Heredity*, 89(5): 425-426.
- Hall, B.G. 2001. *Phylogenetic Trees Made Easy: A How – To Manual for Molecular Biologist*. Sinauer Associates. USA.



- Jahan, H., M. Akter, R.A. Begum, & R.M. Shahjahan. 2017. Identification and comparison of the three carp fishes based on mitochondrial *16S* rRNA gene. *Dhaka University Journal of Biological Science*, 26(2): 167-174.
- Jaya, E.E. 2020. *Scenario Berkelanjutan Pengelolaan Hutan Mangrove: Studi Kajian di Mangrove Center Indah Balikpapan*. Nasmedia Pustaka. Makassar.
- Jong, M.A.D., N. Wahlberg., M.V. Eijk., P.M. Brakefield., B.J. Zwaan. Mitochondrial DNA Signature for Range-Wide Populations of *Bicyclus anynana* Suggests a Rapid expansion from Recent Refugia. *PLOS ONE*, 6(6).
- Kartavtsev, Y. 2016. *Molecular Evolution and Population Genetics for Marine Biologist*. CRC Press. Boca Raton.
- Khoncara A.C., Sulistiono, C.P. Simanjuntak, & M.F. Rahardjo. 2018. Komposisi Makanan dan Strategi Makan Ikan Famili Gobiidae di Teluk Pabean, Indramayu. *Jurnal Ilmu Pertanian Indonesia (JIPI)*, 23(2): 137-147.
- Kumar, S., G. Stecher, M. Li, C. Knyaz, & K. Tamura. 2018. MEGA X: Molecular evolutionary genetics analysis across computing platforms. *Molecular Biology and Evolution*, 35: 1547-1549.
- Kuciel, M. 2013. The mechanism of olfactory organ ventilation in *Periophthalmus barbarus* (Gobiidae, Oxudercinae). *Zoomorphology*, 132(1): 81-85.
- Kress, W.J., L.M. Prince., K.J. Williams. 2002. The Phylogeny and a new classification of the gingers (Zingiberaceae): evidence from molecular data. *Ann. J. Bot.* 89:1682-1696.
- Leigh, J.W., & D. Bryant. 2015. Application Popart: Full-Feature Software for Haplotype Network Construction. *Methods in Ecology and Evolution*, 6(9): 1110-1116.
- Lestari, D.A., R. Azrianingsih., Hendrian. 2018. Filogenetik Jenis-Jenis Annoaceae dari Jawa Timur Koleksi Kebun Raya Purwodadi berdasarkan Coding dan Non-coding sekuens DNA. *Journal of Tropical Biodiversity and Biotechnology*, 3: 1-7.
- Li, W., and D. Graur. 1991. *Fundamental of molecular evolution*. Sinaeuer Associates, Inc. Sunderland.
- Lubis, K. 2014. Penerapan Ipteks: Cara Pembuatan Pohon Filogeni. *Jurnal Pengabdian Kepada Masyarakat*, 20(75): 66-69.
- Lusiastuti, A.M., H. Seeger., D. Sugiani., T. Mufidah., H. Novita. 2015. Deteksi Polymorphisme dengan Substitusi Nukleotida Tunggal pada *Streptococcus agalactiae* Isolat Lokal Indonesia. *Media Akuakultur*, 10(2):91-95.
- Maddison, W.P. & D.R. Maddison. 2018. *Mesquite: A Modular System for Evolutionary Analysis. Version 3.5.1*. <http://www.mesquiteproject.org>. Diakses tanggal 8 Maret 2021, jam 15.07 WIB.
- Mahadevan, G. & V. Ravi. 2015. Distribution of mudskipper in the mudflats of muthupet, Southeast coast of Indian. *International Journal of Fisheries and Aquatic Studies*, 3(2): 268-272.
- Marks, D.B., A.D. Marks, & C.M. Smith. 2000. *Biokimia Kedokteran Dasar: Sebuah Pendekatan Klinis*. EGC. Jakarta.
- Maturbongs, M.R., S. Elviana, Sunarni, & D. deFretes. 2018. Studi Keanekaragaman ikan gelodok (Famili: Gobiidae) pada muara Sungai Maro dan Kawasan Mangrove Pantai Kembapi, Merauke. *Jurnal Ilmu-Ilmu Perairan, Pesisir dan Perikanan*, 7(2): 177-186.
- McCusker, M.R., & Bentzen. 2010. Positive relationships between genetic diversity and abundance in fishes. *Molecular Ecology*, 19(22): 4852-4862.



Muntadi, A., N. S. Raniadarmas, 2022. *Yunus* 2016. *Identifikasi dan Tipe Habitat Ikan Gelodok (Famili: Gobiidae) di Pantai Bali Kabupaten Batu Bara Provinsi Sumatera Utara. Biospecies*, 9(2): 1-6.

Murdy, E.O. 1989. A taxonomic revision and cladistic analysis of the oxudercine gobies (Gobiidae: Oxudercinae). *Record of the Australian Museum*, 11: 1-93.

Nauminingtias, M. 2019. *Kajian Kerentanan Fisik Alami Pesisir Sekitar Muara Sungai Bogowonto*. Yogyakarta: UGM Press. P: 1-12.

Nei, M., & S. Kumar. 2000. *Molecular Evolution and Phylogenetics*. Oxford University Press. USA.

Ningsih, A. & H. Santoso. 2020. Keanekaragaman Ikan Glodok (Mudskipper) di Hutan Mangrove Kecamatan Ujung Pangkah Kabupaten Gresik. *Jurnal Enggano*, 5(3): 367-376.

Nishimaki, T., & K. Sato. 2019. An Extension of the Kimura Two-Parameter Model to the Natural Evolutionary Process. *Journal of Molecular Evolution*, 87: 60-67.

Pangestika, Y., A. Budiharjo., H.P. Kusumaningrum. 2015. Analisis Filogenetik *Curcuma zedoari* (Temu Putih) berdasarkan Gen *Internal Transcribed Spacer* (ITS). *Jurnal Biologi*, 4(4): 8-13.

Polgar, G. 2008. Species-Area Relationship and Potential Role as a Biomonitor of Mangrove Communities of Malayan Mudskipper. *Wetlands Ecology and Management*. 17: 157.

Rell, F., S.K. Widyastuti., I.N. Wandia. 2013. Polimorfisme Locus Mikrosatelit D10S1432 pada Populasi Monyet Ekor Panjang di Sangeh. *Jurnal Ilmu dan Kesehatan Hewan*, 1(1): 16-21.

Rozas, J.A., J.C. Ferre-Matta, S. Sanchez-Delbarrio, P. Guirao-Rico, S.E. Librado, A. Ramos-Onsins, & Sanchez-Gracia. 2017. DnaSP 6: DNA sequence polymorphism analysis of large datasets. *Molecular Biology and Evolution*, 32(12): 3299-3302.

Saha, O., Md.S. Hossain., Md.M. Rahaman. 2020. Genomic exploration light on multiple origin with potential parsimony-informative sites of the severe acute respiratory syndrome coronavirus 2 in Bangladesh. *Gene Reports*, 21,100951.

Sari, R. & T. Arisuryanti. 2020. Molecular species identification of red shrimp (Crustacea: Decapoda: Barbouriidae) from Tanjung Sanjangan (Tolitoli, Central Sulawesi) through 16S rRNA mitochondrial gene. *AIP Conference Proceedings*, 2260, 020026.

Saltzgeber, M.J., Heist, E.J., & Hedrick, P. W. 2012. Genetic evaluation of the initiation of a captive population: the general approach and a case study in the endangered pallid sturgeon (*Scaphirhynchus albus*). *Conserv Genet*, 13: 1381-1391.

Scarponi, P., G. Coro., & P. Pagano. 2018. A collection of Aquamaps native layers in NetCDF format. *Data in brief* 17 (2018): 292-296.

Siregar, U. J. & R.D. Olivia. 2013. *Keragaman Genetik Populasi Sengon (Paraserianthes falcataria (L) Nielsen) pada Hutan Rakyat di Jawa Berdasarkan Penanda RAPD*. IPB Press. Bogor.

Subari, A., A. Razak., R. Sumarmin. 2021. Phylogenetic Analysis of *Rasbora* spp. Based on the Mitochondrial DNA COI gene in Harapan Forest. *Jurnal Biologi Tropis*, 21(1): 89-94.

Sumantri, C., A. Gunawan., A. Anggraeni. 2021. *Karakteristik Genetik Kerbau Lokal dan Prospek Pengembangan*. IPB Press. Bogor.

Sumardjo, D. 2009. *Pengantar Kimia: Buku Panduan Kuliah Mahasiswa Kedokteran Dan Program Strata I Fakultas Bioekstakta*. Penerbit Buku Kedokteran EGC. Jakarta.

Supriatna, J. 2018. *Konservasi Biodiversitas: Teori dan Praktik di Indonesia*. Yayasan Pustaka Obor Indonesia. Yogyakarta.

Sofro, A.S.M. 1994. *Keanekaragaman Genetik*. Andi Offset. Yogyakarta.



Tamura, K., Stencher, G., Kumar, S. 2021. MEGA11: Molecular evolutionary genetic analysis version 11. *Molecular Biology and Evolution*, 38(7): 3022-3027.

Trinanda, T. C. 2017. Pengelolaan Wilatyah Pesisir Indonesia dalam Rangka Pembangunan Berbasis Pelestarian Lingkungan. *Matra Pembaruan*. 1(2): 75-84.

Van Der Laan, R., W.N. Eschmeyer, & R. Fricke. 2014. Family group names of recent fishes. *Zootaxa*, 3882(2): 001-230.

Wilujeng, L. 2018. Keragaman Gen Cytochrome B Pada Sidat (*Anguila bicolor*) Berdasarkan Restriction Fragment Length polymorphism (RFLP). *Jurnal Biosains Pascasarjana*, 20 (3): 194-203.

Yang, L., Z. Tan, D. Wang, L. Xue, M. Guan, T. Huang, & R. Li. 2014. Species identification through mitochondrial rRNA genetic analysis. *Scientific Reports*, 4(4089): 1-12.

Yang, L., and B. Rannala. 2012. Molecular phylogenetics: Principles and Practice. *Nature Reviews Genetics*, 13: 303-314.

Zein, M. S. A., dan S. Sulandari. 2008. Keragaman Genetik Ayam Lombok Berdasarkan Sekuen D-LOOP DNA Mitokondria. *JITV*, 13(4): 308-314.