

## DAFTAR PUSTAKA

- Al-Dahmoshi, H. O. M., & Al-Nayili, H. J. 2021. Mitochondrial 16S rRNA Gene-Dependent Blood Typing as a Forensic Tool, Forensic Analysis - Scientific and Medical Techniques and Evidence under the Microscope, *IntechOpen*, DOI: 10.5772/intechopen.98248.
- Almada, V. C., Robalo, J. I., Levy, A., Freyhof, J., Bernardi, G., & Doadrio, I. 2009. Phylogenetic analysis of Peri-Mediterranean blennies of the genus *Salaria*: Molecular insights on the colonization of freshwaters. *Molecular Phylogenetics and Evolution*, 52: 424–431.
- 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: 1-11.
- Altschul, S. F. 2014. BLAST Algorithm. In: *eLS*. John Wiley & Sons, Chichester.
- Bekele, A. Z., Koike, S., & Kobayashi, Y. 2010. Genetic diversity and diet specificity of ruminal *Prevotella* revealed by 16S rRNA gene-based analysis. *FEMS Microbiol Lett*, 305: 49–57.
- Bickford, D., Lohman, D. J., Sodhi, N. S., Ng, P. K. L., Meier, R., Winker, K., Ingram, K. K., & Das, I. 2006. *Trends in Ecology and Evolution*, 22(3): 148-155.
- Bohlin, J., & Pettersson, J.H-O. 2019. Evolution of Genomic Base Composition: From Single Cell Microbes to Multicellular Animals. *Computational and Structural Biotechnology Journal*, 17: 362-370.
- Cabezas, M. P., Lasso-Alcalá, O. M., Quintero-T, E., Xavier, R., Giarrizzo, T., Nunes, J. L., ... & Jowers, M. J. 2022. Clarifying the taxonomy of some cryptic blennies (Blenniidae) in their native and introduced range. *Scientific Reports*, 12(1): 1-14.
- Cannizzaro, A. G., & Berg, D. J. 2022. Gone with Gondwana: Amphipod diversification in freshwaters followed the breakup of the supercontinent. *Molecular Phylogenetics and Evolution*, 171: 1-10.
- Chinnery, P. F. & Hudson, G. 2013. Mitochondria genetics. *British Medical Bulletin*, 106: 135-139.
- Dabruzzi, T. F., Wygoda, M. L., Wright, J. E., Eme, J., & Bennet, W. A. 2011. Direct evidence of cutaneous resistance to evaporative water loss in amphibious mudskipper (family Gobiidae) and rockskipper (family

Blenniidae) fishes from Pulau Hoga, southeast Sulawesi, Indonesia. *Journal of Experimental Marine Biology and Ecology*, 406: 125-129.

Damayanti, A., & Ayuningtyas, R. 2008. Karakteristik Fisik Dan Pemanfaatan Pantai Karst Kabupaten Gunungkidul. *Makara. Teknologi*, 12(2): 91-98.

Dogan, I., & Dogan, N. 2016. Genetic Distance Measures: Review. *Turkiye Klinikleri Journal Biostatistic*, 8(1): 87-93.

Fricke, R., Eschmeyer, W. N. & Van der Laan, R. (eds) 2023. *Eschmeyer's Catalog of Fishes: Genera, Species, References*. Electronic version diakses 12 Mei 2023.  
[<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>].

Froese, R., & Pauly, D (eds). 2023. *FishBase*. World Wide Web electronic publication. Diakses pada tanggal 24 Februari 2023. [[www.fishbase.org](http://www.fishbase.org)].

Fuad, M. T. I., Rubby, I. A., Rasid, M. H., Chowdhury, M. S. N., & Sharifuzzaman, S. M. 2020. Documentation of *Istiblennius dussumieri* (Blennioformes: Blenniidae) from the Northern Bay of Bengal, with Ecological Notes. *Thalassas: An International Journal of Marine Science*, 37: 173–178.

Gao, R., Xu, Y., Candresse, T., He, Z., Li, S., Ma, Y. & Lu, M. 2017. Further insight into genetic variation and haplotype diversity of Cherry virus A from China. *PloS one*, 12(10): 1-20.

Hartwell, L. H., Hood, L., Goldberg, M. L., Reynolds, A. E., & Silver, L. M. 2011. *Genetics: from Genes to Genomes, Fourth edition*. McGraw-Hill, New York.

Hastings, P. A., & Springer, V. G. 2009. Systematics of the blenniidae (Combtooth Blennies). In: Patzner, R. A., Gonçalves, E. J., & Kapoor, B. G. (eds) *The Biology of Blennies*. Science Publishers, Enfield.

Hobbs, J.P.A., Van Herwerden, L., Jerry, D.R., Jones, G.P. & Munday, P.L. 2013. High genetic diversity in geographically remote populations of endemic and widespread coral reef angelfishes (genus: *Centropyge*). *Diversity*, 5(1): 39-50.

Hundt, P. J., Iglesias, S. P., Hoey, A. S., & Simons, A. M. 2014. A multilocus molecular phylogeny of combtooth blennies (Percomorpha: Blennioidei: Blenniidae): Multiple invasions of intertidal habitats. *Molecular Phylogenetics and Evolution*, 70: 47-56.

Hurst, G. D. D., & Jiggins, F. M. 2005. Problems with mitochondrial DNA as a marker in population, phylogeographic and phylogenetic studies: the effects

- of inherited symbionts. *Proceedings of The Royal Society of Biology*, 272: 1525-1534.
- Hyde, J. R., Kimbrell, C. A., Budrick, J. E., Lynn, E. A., & Vetter, R. D. 2008. Cryptic speciation in the vermilion rockfish (*Sebastes miniatus*) and the role of bathymetry in the speciation process. *Molecular Ecology*, 17(4): 1122-1136.
- Johan, P. K. 2018. Keanekaragaman Genetik Ikan *Rockskipper* (Pisces: Blenniidae) Di Pantai Porok, Gunungkidul, Yogyakarta Berdasarkan Gen Mitokondria COI. *Naskah Tesis Fakultas Biologi Universitas Gadjah Mada*. Yogyakarta.
- Jörger, K. M., & Schrödl, M. 2013. How to describe a cryptic species? Practical challenges of molecular taxonomy. *Frontiers in Zoology*, 10(59): 1-27.
- Jusmaldi, Duryadi, D., Affandi, R., Rahardjo, M. F., & Gustiano, R. 2014. Kode batang DNA ikan lais Genus *Kryptopterus* asal Sungai Mahakam Kalimantan Timur. *Jurnal Iktiologi Indonesia*, 14(3): 191-199.
- Kim, B., & An, J. 2007. New Korean Record of the Streaky *Rockskipper* *Istiblennius dussumieri* (Perciformes: Blenniidae). *Korean Journal of Ichthyology*, 19(2): 160-163.
- Kress, W. J., & Erickson, D. L. 2012. DNA barcodes: methods and protocols. *Methods in Molecular Biology*, 858: 3-8.
- Lee, C., Machida, Y., & Nagatomo, S. 2000. First Record of the Blennioid Fish *Istiblennius dussumieri* (Blenniidae, Perciformes) from Japan. *Korean Journal of Ichthyology*, 12(1): 20-24.
- Lemey, P., Salemi, M., & Vandamme, A-M. 2009. *The Phylogenetic Handbook: A Practical Approach to Phylogenetic Analysis and Hypothesis Testing*. Cambridge University Press, Cambridge.
- Lin, H., & Hastings, P. A. 2013. Phylogeny and biogeography of a shallow water fish clade (Teleostei: Blenniiformes). *BMC Evolutionary Biology*, 13(210): 1-18.
- Luck, A. S., & Martin, K. L. M. 1999. Tolerance of forced air emergence by a fish with a broad vertical distribution, the rockpool blenny, *Hypsoblennius gilberti* (Blenniidae). *Environmental Biology of Fishes*, 54: 295-301.
- Maddison, W.P. & Maddison, D.R. 2019. *Mesquite: a modular system for evolutionary analysis*. Version 3.61. <http://www.mesquiteproject.org>
- Mailund, T., Brodal, G. S., Fagerberg, R., Pedersen, C. N. S., & Phillips, D. 2006. Recrafting the Neighbor-Joining Method. *BMC Bioinformatics*, 7(29): 1-8.

- Marraro, C. H., & Nursall, J. R. 1981. The reproductive periodicity and behaviour of *Ophioblennius atlanticus* (Pisces: Blenniidae) at Barbados. *Canadian Journal of Zoology*, 61: 317-325.
- Medeiros, P. R., Rada, D. P., & Rosa, R. S. 2014. Abundance and behavioural ecology of the blenny *Ophioblennius trinitatis* (Teleostei: Blenniidae) at an oceanic archipelago of Brazil (Atlantic). *Scientia Marina*, 78(2): 203-212.
- Mehraban, H. R., & Esmaeili, H. R. 2017. New geographical record of the lined rockskipper, *Istiblennius lineatus* (Valenciennes, 1836) from the Iranian coast of the Makran Sea (Teleostei, Blenniidae). *Check List*, 13(6): 743–746.
- Mehraban, H., Esmaeili, H. R., Zarei, F., Ebrahimi, M., & Gholamhosseini, A. 2020. Genetic diversification, population structure, and geophylogeny of the Scarface rockskipper *Istiblennius pox* (Teleostei: Blenniidae) in the Persian Gulf and Oman Sea. *Marine Biodiversity*, 50(20): 1-20.
- Nelson, J. S., Grande, T. C., & Wilson, M. V. H. 2016. *Fishes of the World*. 5<sup>th</sup> ed. John Wiley & Sons, New Jersey.
- Newell, P.D., Fricker, A.D., Roco, C.A., Chandrangsu, P., & Merkel, S.M. 2013. Small-Group Activity Introducing the Use and Interpretation of BLAST. *Journal of Microbiology & Biology Education*, 14(2): 238-243.
- Nicolas, V., Schaeffer, B., Missoup, A.D., Kennis, J., Colyn, M., Denys, C., Tatard, C., Cruaud, C., & Laredo, C. 2012. Assessment of three mitochondrial genes (16S, Cytb, CO1) for identifying species in the *Praomyini* tribe (Rodentia: Muridae). *PLoS one*, 7(5): 1-11.
- Nishimaki, T., & Sato, K. 2019. An Extension of the Kimura Two-Parameter Model to the Natural Evolutionary Process. *Journal Molecular Evolution*, 87(1): 60-67.
- Ord, T. J., & G. M. Cooke. 2016. Repeated evolution of amphibious behavior in fish and its implications for the colonization of novel environments. *Evolution*, 70: 1747-1759.
- Osellame, L.D., Blacker, T.S., & Duchon, M.R. 2012. Cellular and molecular mechanisms of mitochondrial function. Best Practice & Research, *Clinical Endocrinology & Metabolism*, 26(6): 711-723.
- Palmer, B.A.T., & Scott, R.J. 2011. Genetic variation and its role in Malignancy. *International Journal of Biomedical Science*, 7(3): 158-171.
- Paradis, E. 2018. Analysis of haplotype networks: The randomized minimum spanning tree method. *British Ecological Society*, 9(5): 1308-1317.

- Pasternak, J. J. 2005. *An Introduction to Human Molecular Genetics*. John Wiley & Sons, New Jersey.
- Patzner, R. A. 1983. The reproduction of *Blennius pavo* (Teleostei, Blenniidae). *Helgolander Meeresunters*, 36: 105-114.
- Patzner, R. A., & Lahnsteiner, F. 2009. Reproductive Organs in Blennies. In: Patzner, R. A., Gonçalves, E. J., & Kapoor, B. G. (eds). *The Biology of Blennies*. Science Publishers, Enfield.
- Randall, J. E., Allen, G. R., & Steene, R. C. 1996. *Fishes of the Great Barrier Reef and Coral Sea*. University of Hawaii Press, Honolulu.
- Rozas, J., Rerrer-Matta, A., Sanchez-DelBarrio, J.C., Guirao-Rico, S., Librado, P., Ramos-Onsins, S.E., & Sanchez-Gracia, A. 2017. DnaSP 6: DNA sequence polymorphism analysis of large data sets. *Molecular Biology and Evolution*, 34(12): 3299-3302.
- Saad, Y.M., Shaikh Omar, A.K.M., & Gharbawi, W.M. 2019. Evaluation of molecular diversity in some Red sea parrotfish species based on mitochondrial 16S ribosomal RNA gene sequence variations. *Research Journal of Biotechnology*, 14(12): 8-21.
- Saleky, D., Supriyatin, F.E. & Dailami, M. 2020. Pola Pertumbuhan dan Identifikasi Genetik *Turbo setosus* Gmelin, 1791 [Turbinidae, Gastropoda]. *Jurnal Kelautan Tropis*, 23(3): 305-315.
- Sari, R., & Arisuryanti, T. 2020. Molecular species identification of red shrimp (Crustacea: Decapoda: Barbouriidae) from Tanjung Sanjangan (Tolitoli, Central Sulawesi) through 16S rRNA mitochondrial gene. *The 6th International Conference on Biological Science ICBS 2019 AIP Conf. Proc.* 2260, 020026-1–020026-6; <https://doi.org/10.1063/5.0015908>
- Soltis, P. S., & Soltis, D. E. 2003. Applying the Bootstrap in Phylogeny Reconstruction. *Statistical Science*, 18(2): 256-267.
- Springer, V. G., & Williams, J. T. 1994. The Indo-West Pacific Blennioid Fish Genus *Istiblennius* Reappraised: A Revision of *Istiblennius*, *Blenniella*, and *Paralticus*, New Genus. Smithsonian, Washington.
- Struck, T. H., Feder, J. L., Bendiksbj, M., Birkeland, S., Cerca, J., Gusarov, V. I., Kistenich, S., Larsson, K., Liow, L. H., Nowak, M. D., Stedje, B., Bachmann, L., & Dimitrov, D. 2018. Finding Evolutionary Processes Hidden in Cryptic Species. *Trends in Ecology and Evolution*, 33(3): 153-164.
- Tam, N.T., Dwiyanti, M.S., Koide, Y., Nagano, A.J., Ky, H., Tin, H.Q., Hien, N.L., Dung, L.V. & Kishima, Y. 2019. Profiling SNP and nucleotide diversity to

characterize Mekong Delta rice landraces in Southeast Asian populations. *The Plant Genome*, 12(3): 190042.

- Tamura, K., Stecher, G., & Kumar, S. 2021. MEGA11: Molecular evolutionary genetic analysis version 11. *Molecular Biology and Evolution*, 38(7): 3022-3027.
- Utari, F. R. 2017. Cara makan dan jenis makanan Ikan *Rockskipper* di Pantai Wedi Ombo, Gunungkidul, Yogyakarta. *Skripsi Fakultas Keguruan dan Ilmu Pendidikan Universitas Sanata Dharma*. Yogyakarta. Universitas Sanata Dharma.
- Victor, B. C. 2010. The Redcheek Paradox: the mismatch between genetic and phenotypic divergence among deeply-divided mtDNA lineages in a coral-reef goby, with the description of two new cryptic species from the Caribbean Sea. *Journal of the Ocean Science Foundation*, 3: 1-16.
- Walters, M., & Scholes, R.J. 2016. *The GEO Handbook on Biodiversity Observation Networks*. Springer, New York City.
- Widjaja, E., Rahayuningsih, Y., Rahajoe, J.S., Ubaidillah, R., Maryanto, I., Walujo, E.B., & Semiadi, G. 2015. *Kekinian Keanekaragaman Hayati Indonesia 2014. 2nd. ed.* Lembaga Ilmu Pengetahuan Indonesia (LIPI) Press, Jakarta.
- Williams, J.T. 2014. *Istiblennius lineatus*. The IUCN Red List of Threatened Species 2014: e.T48342321A48387105. <http://dx.doi.org/10.2305/IUCN.UK.2014-3.RLTS.T48342321A48387105.en>
- Winarno, K., Suryowinoto, M., & Tandjung, D. S. 2003. Peningkatan Pemanfaatan Sumberdaya Hayati Pantai Selatan Yogyakarta, Studi Kasus Pantai Baron, Kukup, dan Krakal. *Biodiversitas*, 4(2): 124-132.
- Yang, L., Tan, Z., Wang, D., Xue, L., Guan, M., Huang, T., & Li, R. 2014. Species identification through mitochondrial rRNA genetic analysis. *Scientific Reports* 4, 4089.
- Yusoff, M. A. A. 2015. Role of mitochondrial DNA mutations in brain tumors: A mini-review. *Journal of Cancer Research and Therapeutics*, 11:535-544.
- Yusron, E. 2005. Pemanfaatan Keragaman Genetik Dalam Pengelolaan Sumberdaya Hayati Laut. *Oseana*, 30(2): 29 – 34.
- Zein, M. S. A. & Prawiradilaga, D. M. 2013. *DNA Barcode Fauna Indonesia*. Kencana Prenadamedia Group, Jakarta.