

## DAFTAR PUSTAKA

- Astuti, I., Fadjar. M., Nurdiani, R., Sulistiyati TD. 2022. Mitochondrial Cytochrome Oxidase 1 (CO1) and Morphology of Penja Fish (*Sicyopterus* spp.) in Budong-Budong River, West Sulawesi, Indonesia. *Biodiversitas.* 23 (9):4724–9.
- Aurich, H.J. 1939. Die Gobiiden. (Ordnung: Gobiidae.). *Internationale Revue der Gesamten Hydrobiologie Und Hydrographie.* 38(1–6), 125–183. <https://doi.org/10.1002/iroh.19390380106>
- Chac, L.D., Thinh, B.B. 2023. Species Identification Through DNA Barcoding and Its Applications: A Review. *Biology Bulletin* 50 (6): 1143-1156. <https://doi.org/10.1134/S106235902360229X>
- Chadijah, A., Sulistiono., Haryani, G.S., Affandi, A., Mashar, A. 2021. Morphological Variations in Endemic Fish Sailfin Silversides (*Telmatherina prognatha*) in Matano Lakes, South Sulawesi, Indonesia. *Journal of Hunan University.* 48 (12).
- Camacho, D.E., Barragán, K.S., Guayasamin, J.M., Gavilanes, G., Encalada, A.C. 2024. New Records of Native and Introduced fish Species in a River Basin of Western Ecuador, the Chocó-Darien Ecoregion, Using DNA Barcoding. *PLoS One.*19(3):1–17.
- Cristescu, M.E., Adamowicz, S.J., Vaillant, J.J., Haffner, D.G. 2010. Ancient Lakes Revisited: From The Ecology to The Genetics of Speciation. *Mol Ecol.* 19(22):4837–51.
- Crowe, S.A., O'Neill AH., Katsev, S., Hehanussa, P., Haffner, G.D., Sundby, B. 2008. The Biogeochemistry of Tropical Lakes: a Case Study from Lake Matano, Indonesia. *Limnol Oceanogr.* 53(1):319–31.
- Comte, L., Olden, J.D., Lischka, S., Dickson, B.G. 2022. Multi-scale Threat Assessment of Riverine Ecosystems in The Colorado River Basin. *Ecol Indic.*138 :108840. Available from: <https://doi.org/10.1016/j.ecolind.2022.108840>
- Dawidek, J., & Ferencz, B. 2024. Water Renewal Time in Lakes with Transformed Water Distribution in The Catchment Areas. *Water.* 16(3): 384. <https://doi.org/10.3390/w16030384>.
- Deiner, K., Fronhofer, E.A., Mächler, E., Walser, J.C., Altermatt F. 2016. Environmental DNA Reveals That Rivers are Conveyor Belts of Biodiversity Information. *Nat Commun.* 7.
- Froese, R., & Pauly, D. 2024. FishBase, The Global Database of Fishes. <http://www.fishbase.org> [Accessed on 29 October 2024].
- Froese, R. and D. Pauly. Editors. (2024). FishBase. *Glossogobius aureus* Akihito & Meguro, 1975. Accessed through: World Register of Marine Species at: <https://www.marinespecies.org/aphia.php?p=taxdetails&id=276802> on 2024-11-28
- Haase, M., Rintelen, T.V., Harting, B., Marwoto, R., Glaubrecht, M. 2023. New Species from a ‘Lost World’: Sulawesi Drobia (Caenogastropoda, Tateidae) from Ancient Lake Matano, Sulawesi, Indonesia. *Eur J Taxon.* 864:77–103.
- Hasim, H., Lamadi, A., & Tuiyo, R. 2022. Studi Pendahuluan Morfometrik Meristik Ikan Manggabai (*Glossogobius giuris*) untuk Eksplorasi DNA Barcode Ikan Lokal Danau Limboto. *Jurnal Sumberdaya Akuatik Indopasifik Morphometric Meristic of Manggabai Fish (*Glossogobius giuris*) Preliminary study of*

- barcode DNA exploration of Limboto Lake's Local Fish]. 6(4): 343–350. <https://doi.org/10.46252/jsai-fpik-unipa>. Vol.6.No.4.253
- Hadijah, S., Kasmawati, K., Ernaningsih, E., Wamnebo, M. I., & Yunus, M. 2021. Ecological sustainability status of the Beloso fish (*Glossogobius* sp.) in the Tempe Lake, South Sulawesi, Indonesia. AACL Bioflux, 14(6): 3596–3602.
- Hedianto, D.A & Sentosa, A.S. 2019. Interaksi Trofik Komunitas Ikan di Danau Matano, Sulawesi Selatan Pasca Berkembangnya Ikan Asing Invasif. Jurnal Penelitian Perikanan Indonesia. Vol 25 (2) : 117-133
- Hermanto, H., Nursinar, S., Mulis. 2013. Struktur Komunitas Ikan di Perairan Danau Limboto Desa Pentadio Kecamatan Telaga Biru Kabupaten Gorontalo. Jurnal Ilmiah dan Kelautan. 1 (3).
- Hilgers, L., Herder, F., Hadiaty, R.K., Pfaender, J. 2018. Alien attack: Trophic Interactions of Flowerhorn Cichlids with Endemics of Ancient Lake Matano (Sulawesi, Indonesia). *Aegyptus*. 19(5):575–90.
- Hidayani, A.A., Fujaya, Y., Trijuno, D.D., Alimudin. 2020. Variasi Genetik Intrapopulasi Rajungan (*Portunus pelagicus*) dari Kaimana, Papua Barat Indonesia Berdasarkan Sekuen Gen Sitokrom C Oksidase (COI). *Journal of Fisheries and Marine Science*. 3(2): 71-83
- Hidayani, A.A., Tassaka, A., Kadir, N.N., Yasir, I., Jompa, J., Umar, W., Litaay, M., Parenrengi, A., Ndobe, S., Gani. A., Putri, A.P., Iqram, M., Omar, S.B.A., Moore, A.M. 2024. First DNA Barcodes of Two Endemic Fishes from The Maros Karst Region, South Sulawesi, Indonesia. *Cybium*. 48 (early view). DOI: 10.26028/CYBIUM/2024-015.
- Hoese, D.F., Allen, G.R. 2009. Description of Three New Species of *Glossogobius* from Australia and New Guinea. *Zootaxa*. 1981: 1-14
- Hoese, D.F., Hadiaty, R.K., Herder, F. 2015. Review of The Dwarf *Glossogobius* Lacking Head Pores From Lakes, Sulawesi, With a Discussion of The Definition of The Genus. *Raffles Bulletin of Zoology*. 63: 14-26.
- Hoese, D.F & Allen, G.R. 2011. A Riview of The Amphidromous Species of The *Glossogobius celebius* Complex, With Description of Three New Species. *Cybium*. 35(4).
- Katsev, S., Crowe, S.A., Mucci, A., Sundby, B., Nomosatryo, S., Douglas, H.G. 2010. Mixing and Its Effects on Biogeochemistry in The Persistently Stratified, Deep, Tropical Lake Matano, Indonesia. *Limnol Oceanogr*. 55(2):763–76.
- Kudsiah, H., Hidayani, A.A., Suwarni, S., Rahim, W., Umar, T., Rifa'i, M.A., Andriyono, S. 2022. Morphometric and Phylogenetic Analysis of Goby Fish (*Glossogobius giuris*) In The Three Integrated Lake In South Sulawesi, Indonesia. *International Journal of Conservation Science*.13(4): 1343-1360.
- Kottelat, M., Whitten. A.J. 1994. Freshwater Fishes of Western Indonesia and Sulawesi. *Copeia*. (3):830.
- Kottelat, M., A.J., Whitten, S.N., Kartikasari, S., Wirjoatmodjo. 1993. *Ikan Air Tawar Indonesia Bagian Barat dan Sulawesi*. Periplus Edition (HK) Ltd. Bekerjasama dengan Proyek EMDI, Kantor Menteri Negara Kependudukan dan Lingkungan Hidup Republik Indonesia. Jakarta
- Letunic, I., Bork, P. 2021. Interactive Tree of Life (iTOL) v5: An Online Tool for Phylogenetic Tree Display and Annotation. *Nucleic Acids Res*. 49(W1): 293–6.

- Mandagi, I.F., Kakioka, R., Montenegro, J., Kobayashi, H., Masengi K.W.A., Inomata, N. 2021. Species Divergence and Repeated Ancient Hybridization in a Sulawesian Lake System. *J Evol Biol.* 34(11):1767–80.
- Manibu, F., Perangin-Angin, H.P. 2021. Study of Rainwater Catchment Area and Design of Open Channel Dimensions for Transport Roads at PT. Lintas Artha, Sorong City, West Papua Province. *Jurnal Penelitian Tambang.* 4(1): 14–18. <https://doi.org/10.56139/intan.v4i1.76>.
- Muhdin, N.K. 2021. Studi Morfometrik Ikan *Glossogobius* sp. di Sungai Tambaro Kabupaten Poso. *Jurnal Kependidikan.* 14(1).
- Ndobe, S., Nurdin, M.S., Hasanah, N., Putra, A.E., Mansyur, K., Nasir, M. 2023. DNA Barcoding Detects Resurrected Taxon *Giuris laglaizei* (Sauvage 1880) in Sulawesi, Indonesia: Bolano Sau Lake Payangka Phylogeny, Phenotypic Characters and Implications for *Giuris* spp. Conservation. *F1000Research.* 11(Sauvage 1880):1–29.
- Nasution, S., & Dina, R. 2019. Population Structure and Gonadal Maturity Stage of Endemic and Alien Fish Dominant Species in Lake Matano, South Sulawesi. International Conference and Biodiversitas Across Time and Space.
- Nuryadi, H., Mandagi, I.F., Masengi, K.W.A., Kusumi, J., Inomata, N., Yamahira, K. 2024. Evidence for Hybridization-driven Heteroplasmy Maintained Across Generations in a Ricefish Endemic to a Wallacean Ancient Lake. *Biol Lett.* 20:20230385.
- Noor, S.Y & Ngabito, M. 2018. Tingkat Pencemaran Perairan Danau Limboto Gorontalo. *Gorontalo Fisheries Journal.* 1(2).
- Omar, S.B.A., Hidayani, A.A., Yanuarita, D., Umar, M.T., Andriyono, S. 2021. Phylogenetic Analysis of Endemic Fish from the Maros Karst Region, South Sulawesi, Indonesia. *Int J Agric Biol.* 26(6):661–6.
- Presiden Republik Indonesia. Peraturan Presiden Republik Indonesia No. 60 Tahun 2021 tentang Penyelamatan Danau Prioritas Nasional [Internet]. Peraturan Pemerintah Republik Indonesia Nomor 60 Tahun 2021 2021 p. 1–5. Available from: <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwjWxrKeif7eAhVYfysKHCWAQFjAAegQICRAC&url=https%3A%2F%2Fwww.ojk.go.id%2Fid%2Fkanal%2Fpasarmoda%2Fregulasi%2Fundangundang%2FDocuments%2FPages%2Fundang-undang-nomo>
- Presiden Republik Indonesia. Peraturan Presiden Republik Indonesia No. 22 Tahun 2021 tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup. 1-2.
- Prianto, E., Kartamihardja, E., Umar, C., Kasim, K. 2016. Pengelolaan Sumberdaya Ikan di Kompleks Danau Malili, Provinsi Sulawesi Selatan. *Jurnal Kebijakan Perikanan Indonesia.* Vol 8 (1) : 41-52
- Rauf Y., Sahami, F.M., Kadim, M.K. 2024. Morfologi dan Morfometrik Jenis Ikan Gobi di Danau Limboto. *Jurnal Ilmiah Perikanan dan Kelautan.* 1(1).
- Rintelen, T.V., Glaubrecht, M., Schubart, C.D. 2012. Aquatic Biodiversity Hotspots in Wallacea: The Species Flocks in The Ancient Lakes of Sulawesi, Indonesia. In: Ower D, Johnson K, Richardson J, Rosen B, Rüber L WS, editor. *Biotic Evolution and Environmental Change in Southeast Asia. Systematics Association Special Volume Series.* Cambridge University Press. 290-315: 2008.

- Roy, D., Docker, M.F., Hehanussa, P., Heath, D.D., Haffner, G.D. 2004. Genetic and Morphological Data Supporting The Hypothesis of Adaptive Radiation in The Endemic Fish of Lake Matano. *J Evol Biol.* 17(6):1268–76.
- Salindeho. 2022. Kemampuan adaptasi ikan gobi amfidromus terhadap perubahan salinitas [The adaptation ability of amphidromous goby to salinity changes]. *Budidaya Perairan*, 10(2), 282–293. <https://doi.org/10.35800/bdp.10.2.2022.42698>.
- Sentosa, A.A., & Hadiano, D.A. 2019. Gillnets Selectivity and Effectivity for Controlling Invasive Fish Species in Lake Matano, South Sulawesi. International Conference on Tropical Linomlogy.
- Suryandari, A., & Krismono. 2011. Beberapa Aspek Biologi Ikan Manggabai (*Glossogobius giuris*) di Danau Limboto, Gorontalo. *Bawal.* 3(5): 329-336. <http://dx.doi.org/10.15578/bawal.3.5.2011.329-336>
- Serdiati, N., Arfiati, D., Widodo, M.S., Lelono, T.J., Ndobe, S., Saranga R. 2020. Morphological Variations and Phylogenetic Analysis of *Oryzias nigrimas* Kottelat, 1990 (Rice fish) from Lake Poso, Central Sulawesi, Indonesia. *Biodiversitas.* 21(3); 882-888.
- Syamsuddin, A., Putri, F.H., Rachmad, B., Maulita, M., Triyono, H., Sabariyah, N. 2020. Management of The Manggabai Fish (*Glossogobius giuris*) in The Inland Aquatic Gorontalo Province, Indonesia. *9(04): 44-51*
- Tadmor, L.R., Feldstein, F.T., Milstein, D., Golani, D., Leader, N., Goren, M. 2023. Revisiting The Species List of Freshwater Fish in Israel Based on DNA Barcoding. *Ecol Evol.* 13(12).
- Tamura, K., Stecher, G., Kumar, S. 2021. MEGA11: Molecular Evolutionary Genetics Analysis Version 11. *Mol Biol Evol.* N38(7):3022–7.
- Vörösmarty, C.J., McIntyre, P.B., Gessner, M.O., Dudgeon, D., Prusevich, A., Green, P., Glidden, S., Bunn, S.E., Sullivan, C A., Liermann, C.R., Davies, P.M. 2010. Global Threats to Human Water Security and River Biodiversity. *Nature*, 467(7315), 555–561. <https://doi.org/10.1038/nature09440>.
- Ward, R.D., Zemlak, T.S., Innes, B.H, Last P.R, Hebert, P.D.N. DNA Barcoding Australia's Fish Species. *Philos Trans R Soc Biol Sci.* 360(1462):1847–57.