DAFTAR PUSTAKA

Amir, N., Syahrul, S., & Djamaluddin, N. (2020). Ikan Sapu-Sapu (Pterygoplichthys pardalis) Di Kabupaten Wajo Propinsi Sulawesi Selatan: Kandungan Logam Berat Timbal (Pb), Merkuri (Hg) dan Arsen (As). *Jurnal AgribisnisPerikanan*, *13*(2), 173–174. https://doi.org/10.29239/j.agrikan.13.2.173-174

Aquino, L. M. G., Tango, J. M., Canoy, R. J. C., Fontanilla, I. K. C., Basiao, Z. U., Ong, P. S., & Quilang, J. P. (2011). DNA barcoding of fishes of Laguna de Bay, Philippines. *Mitochondrial DNA*, *22*(4), 143–153.

Arthington, A. H., Dulvy, N. K., Gladstone, W., & Winfield, I. J. (2016). Fish conservation in freshwater and marine realms: status, threats and management. In *Aquatic Conservation: Marine and Freshwater Ecosystems* (Vol. 26, Issue 5, pp. 838–857). John Wiley and Sons Ltd. https://doi.org/10.1002/aqc.2712

Budimawan, B., Irmawati, I., Burhanuddin, A. I., Haerul, A., Haerunnisa, H., & Kadriah, I. A. K. (2025, June 20). *Pterygoplichthys pardalis isolate SP5 cytochrome c oxidase subunit I (COX1) gene, partial cds; mitochondrial*. National Center for Biotechnology Information.

Elfidasari, D., Qoyyimah, F. D., & Fahmi, M. R. (2016). Morphometric and Meristic of Common Pleco (Loricariidae)On Ciliwung River Watershed South Jakarta Region. *International Journal of Advanced Research*, *4*(12), 57–62. https://doi.org/10.21474/IJAR01/2363

Elfidasari, D., Qoyyimah, F. D., Fahmi, M. R., & Puspitasari, R. L. (2016). Variasi Ikan Sapu-Sapu (Loricariidae) Berdasarkan Karakter Morfologi Di Perairan Ciliwung. *JURNAL Al-AZHAR INDONESIA SERI SAINS DAN TEKNOLOGI*, *3*(4), 221. https://doi.org/10.36722/sst.v3i4.237

Firmani, U., Rahim, A. R., Safitri, N. M., & Hariyanto, H. S. (2024). *Sosialisasi Potensi Olahan Ikan Sapu-sapu sebagai Pakan Ikan Karnivora bagi SMA Muhammadiyah*. *06*(2), 1–9.

Guimarães, A. dos S., Maciel, L. A. M., de Souza, M. F. B., & Rodrigues, L. R. R. (2023). Karyotypic and Molecular Analysis of Pterygoplichthys pardalis (Castelnau 1855) from the Lower Amazon River. *Animals*, *13*(9). https://doi.org/10.3390/ani13091533

Hasrianti, H. (2021). Identifikasi Jenis Ikan Sapu-Sapu (Loricariidae) Berdasarkan Karakteristik Pola Abdomen Di Perairan Danau Sidenreng. *Jurnal Sains Dan Teknologi Perikanan*, *1*(2), 56–65.

Hebert, P. D. N., Ratnasingham, S., & DeWaard, J. R. (2003). Barcoding animal life: Cytochrome c oxidase subunit 1 divergences among closely related species. *Proceedings of the Royal Society B: Biological Sciences*, *270*(SUPPL. 1). https://doi.org/10.1098/rsbl.2003.0025

Hussan, A., Naik, A. R., Adhikari, S., Das, A., Hoque, F., Sahoo, P. K., & Sundaray, J. K. (2025). Invasive Amazon sailfin catfish (Pterygoplichthys pardalis)Impacts the Survivability and growth of native food fishes in India. *Aquatic Living Resources*, *38*(5).

Irmawati, Meimulya, Tassakka, A. C. M. A. R., Nadiarti, Rukminasari, N., Kadriah, I. A. K., Nasrullah, H., & Alimuddin. (2022). Identification, genetic diversity, and comparative evolution of the striped snakehead Channa striata (Bloch, 1793) in Wallacea. *Biodiversitas*, *23*(7), 3318–3328. https://doi.org/10.13057/biodiv/d230703

Jumawan, J. C., Vallejo, B. M., Herrera, A. A., Buerano, C. C., Kendrich, I., Fontanilla, C., Detera-Wadleigh, S. D., & Ravago-Gotanco, R. (2011). DNA barcodes of the suckermouth sailfin catfish Pterygoplichthys (Siluriformes: Loricariidae) in the Marikina River system, Philippines: Molecular perspective of an invasive alien fish species. In *Philippine Science Letters* (Vol. 4, Issue 2).

Kumar, S., Stecher, G., Suleski, M., Sanderford, M., Sharma, S., & Tamura, K. (2024). Molecular Evolutionary Genetics Analysis Version 12 for Adaptive and green computing. *Molecular Biology and Evolution*, *41*(12).

Letunic, I., & Bork, P. (2021). Interactive tree of life (iTOL) v5: An online tool for phylogenetic tree display and annotation. *Nucleic Acids Research*, *49*(W1), W293–W296. https://doi.org/10.1093/nar/gkab301

Matheson, P., & McGaughran, A. (2022). Genomic data is missing for many highly invasive species, restricting our preparedness for escalating incursion rates. *Scientific Reports*, *12*(1). https://doi.org/10.1038/s41598-022-17937-y

Mukai, T., Kunizaki, R., Yodo, T., Teramachi, S., Sendo, K., & Setsuda, K. (2013). First records of the two introduced siluriform fishes, and update of the checklist of fishes in Gifu Prefecture, Japan. *Bulletin of the Gifu Prefectural Museum*, *34*, 47–54.

Nasution, S. H., Safiuddin, Akhdiana, I., Wahyuddin, & Peruge, J. (2024). Size distribution, length-weight relationship and condition factors of sailfin catfish (Pterygoplichthys pardalis, Castelnau, 1855) which is an invasive species caught using spear gun in Lake Matano, South Sulawesi. *IOP Conference Series: Earth and Environmental Science*, *1436*(1). https://doi.org/10.1088/1755-1315/1436/1/012003

Orfinger, A. B., & Goodding, D. D. (2018). The global invasion of the suckermouth armored catfish genus pterygoplichthys (Siluriformes: Loricariidae): Annotated list of species, distributional summary, and assessment of impacts. *Zoological Studies*, *57*. https://doi.org/10.6620/ZS.2018.57-07

Papamija, C., Buitrago-Bitar, M. A., Londono, J. M., & Munoz, J. E. (2018, December 31). *Molecular characterization of fish fauna in two natural reserves from Colombia*. National Center for Biotechnology Information.

Patoka, J., Takdir, M., Yonvitner, Aryadi, H., Jerikho, R., Nilawati, J., Tantu, F. Y., Bohatá, L., Aulia, A., Kamal, M. M., Wardiatno, Y., & Petrtýl, M. (2020). Two species of illegal South American sailfin catfish of the genus Pterygoplichthys well-established in Indonesia. *Knowledge and Management of Aquatic Ecosystems*, *2020-January*(421). https://doi.org/10.1051/kmae/2020021

Pereira, R. P., dos Santos, C. H. dos A., Nascimento, P. R. M., Clímaco, G. T., Sousa, A. C. B., Campos, T., Vergueiro-Júnior, A. M. K., Paula-Silva, M. N., & Almeida-Val, V. M. F. (2012). Isolation of microsatellite loci in the Amazon

sailfin catfish Pterygoplichlhys pardalis (Castelneau, 1855) (Teleostei: Loricariidae). *Conservation Genetics Resources*, *4*(4), 889–891. https://doi.org/10.1007/s12686-012-9666-x

Pinem, F. M., Pulungan, C. P., & Efizon, D. (2016). Reproductive Biology of Pterygoplichthys pardalis in the Air Hitam River Payung Sekaki District, Riau Province. *Jurnal Online Mahasiswa Fakultas Perikanan Dan Ilmu Kelautan Universitas Riau*.

Ramadhanu, D., Tamam, M. B., Valen, F. S., & Hasan, V. (2024). New records of the Non-native Amazon sailfin catfish Pterygoplichthys pardalis (Castelnau, 1985) in Bangka Island Indonesia. *IOP Conference Series: Earth and Environmental Science*, *1392*(1), 012021. https://doi.org/10.1088/1755-1315/1392/1/012021

Rozas, J., Ferrer-Mata, 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. https://doi.org/10.1093/molbev/msx248

Sahoo, L., Swain, P. P., Hussan, A., Mohapatra, A., & Sundaray, J. K. (2022). DNA barcoding delineates the identity of invasive South American sucker mouth armoured catfishes of genus Pterygoplichthys of East Kolkata Wetland, West Bengal, India as single species. In *Indian Journal of Fisheries* (Vol. 69, Issue 4, pp. 115–118). Indian Council of Agricultural Research. https://doi.org/10.21077/ijf.2022.69.4.124310-15

Sanger, F., Nicklen, S., & Coulson, A. R. (1977). DNA sequencing with chain-terminating inhibitors (DNA polymerase/nucleotide sequences/bacteriophage 4X174). *Proceedings of the National Academy of Sciences of the United States of America*, *74*(12), 5463–5467. https://doi.org/https://doi.org/10.1073/pnas.74.12.5463

Sofia, S. H., Galindo, B. A., Paula, F. M., Sodré, L. M. K., & Martinez, C. B. R. (2008). *Genetic diversity of Hypostomus ancistroides (Teleostei, Loricariidae) from an urban stream*. www.sbg.org.br

Sukma, R. M., Gafur, Abd., & Hasriwiani Habo Abbas. (2021). Biokonsentrasi Logam Berat Timbal, Arsen pada Air dan Ikan Sungai Tallo Kota Makassar. *Window of Public Health Journal*, 404–416. https://doi.org/10.33096/woph.v1i4.132

Suseno, D., & Razari, I. (2023). IDENTIFIKASI DNA IKAN SAPU-SAPU (Pterygoplichthys sp.) PADA SIOMAI DENGAN DNA BARCODING. *Al-Kauniyah: Jurnal Biologi*, *17*(2), 440–449. https://doi.org/10.15408/kauniyah.v17i2.34219

Telles, M. P., Resende, L. V., Brondani, R. P., Collevatti, R. G., Costa, M. C., & Silva Júnior, N. J. (2010). Isolation and characterization of microsatellite markers in the armored catfish Hypostomus gymnorhynchus (Loricariidae). *Genetics and Molecular Research : GMR*, *9*(3), 1770–1774. https://doi.org/10.4238/vol9-3gmr868

Tencatt, L. F. C., Zawadzki, C. H., & Froehlich, O. (2014). Two new species of the Hypostomus cochliodon group (Siluriformes: Loricariidae) from the rio

Paraguay basin, with a redescription of Hypostomus cochliodon Kner, 1854. *Neotropical Ichthyology*, *12*(3), 585–602. https://doi.org/10.1590/1982-0224-20130162

Thomas, M. R., Henry, M., & Pérez, S. (2010). *A New Species of Whiptail Catfish, Genus Loricaria (Siluriformes: Loricariidae), from the Rio Curuá (Xingu Basin), Brazil*. https://doi.org/10.2307/40863447

Vargas, A., Barba, E., & Castellanos-Morales, G. (2022). Lack of mtDNA genetic diversity despite phenotypic variation and environmental heterogeneity in the exotic suckermouth armored catfish (Pterygoplichthys pardalis). *Biological Invasions*, *25*. https://doi.org/10.1007/s10530-022-02961-w

Wanjari, R. N., Shah, T. H., Telvekar, P., Bhat, F. A., Ramteke, K. K., Magloo, A. H., & Mathialagan, D. (2024). A new record of the invasive vermiculated sailfin catfish Pterygoplichthys disjunctivus in the Wainganga River, Eastern Maharashtra, India. *Journal of Asia-Pacific Biodiversity*, *17*(3), 484–489. https://doi.org/10.1016/j.japb.2024.01.015

Ward, R. D., Zemlak, T. S., Innes, B. H., Last, P. R., & Hebert, P. D. N. (2005). DNA barcoding Australia's fish species. *Philosophical Transactions of the Royal Society B: Biological Sciences*, *360*(1462), 1847–1857. https://doi.org/10.1098/rstb.2005.1716

Wowor, D., Hadiaty, R. K., & Irvan, I. (2010). *Studi Biota Perairan dan Herpetofauna di Daerah Aliran Sungai (DAS) Ciliwung dan Cisadane: Kajian Hilangnya Keanekaragaman Hayati*.

Wu, L.-W., Liu, C.-C., & Lin, S.-M. (2011). Identification of exotic sailfin catfish species (Pterygoplichthys, Loricariidae) in Taiwan based on morphology and mtDNA sequences. *Zoological Studies*, *50*(2), 235–246.