

## DAFTAR PUSTAKA

- Bani, A., Brauer, M. D., Creer, S., Dumbrell, A. J., Limmon, G., Jompa, J., Heyden, S. V. D., Beger, M. 2020. *Tropical Ecosystems in the 21st Century*. Elsevier.p. 375-382.
- Barnes, M. A., Turner, C. R. 2016. The ecology of environmental DNA and implications for conservation genetics. *Conservation Genetics* 17: 1-17.
- Borzée, A., Yi, Y., Kusriani, M. D., Jang, Y. 2017. Habitat use by the Javan caecilian (*Ichthyophis hypocyaneus*). *Korean Journal of Herpetology* 8: 15-18.
- Curtis, A. N., Tiemann, J. S., Douglass, S. A., Davis, M. A., Larson, E. R. 2020. High stream flows dilute environmental DNA (eDNA) concentrations and reduce detectability. *Diversity and Distributions* 27:1918–1931.
- Deagle, B. E., Jarman, S. N., Coissac, E., Pompanon, F., Taberlet, P. 2014. DNA metabarcoding and the cytochrome c oxidase subunit I marker: not a perfect match. *Biology Letters* 10(20140562): 1-4.
- Djalil, V. N., Farajallah, A., Wardiatno, Y. 2018. Aplikasi Teknik Environmental DNA (eDNA) untuk Deteksi Spesies *Cherax quadricarinatus* (Von Martens 1868) Menggunakan Sampel Air. *Jurnal Biologi Tropis* 18(2): 134-140
- Egea-Serrano, A., Relyea, R. A., Tejedo, M., Torralva, M. 2012. Understanding of the impact of chemicals on amphibians: a meta-analytic review. *Ecol Evol.* 2(7):1382–1397
- Eiler, A., Lofgren, A., Hjerne, O., Norden, S., Saetre, P. 2018. Environmental DNA(eDNA) detects the pool frog (*Pelophylax lessonae*) at times when traditional monitoring methods are insensitive. *Scientific Reports* 8(5452): 1-9.
- Evans, N. T., Shirey, P. D., Wieringa, J. G., Mahon, A. R. 2017. Comparative Cost and Effort of Fish Distribution Detection via Environmental DNA Analysis and

Electrofishing. *Fisheries* 42(2): 90-99.

- Farrington, H. L., Lance, R. F. 2014. Development of Genetic Markers for Environmental DNA (eDNA) Monitoring of Sturgeon. 1-12.
- Goldberg, C. S., Strickler, K. M., Fremier, A. K. 2018. Degradation and dispersion limit environmental DNA detection of rare amphibians in wetlands: Increasing efficacy of sampling designs. *Science of The Total Environment* 633: 695-703.
- Iskandar, D. T. 1998. The Amphibians of Java and Bali. LIPI. p. 14.
- Jo, T., Murakami, H., Masuda, R., Sakata, M. 2017. Rapid degradation of longer DNA fragments enables the improved estimation of distribution and biomass using environmental DNA. *Molecular Ecology Resources* 17(6): 1-9.
- Jusmaldi, Setyawan, A., Hariani, N. 2019. Keanekaragaman dan Sebaran Ekologis Amfibi di Air Terjun Berambai Samarinda, Kalimantan Timur. *Jurnal Ilmu-Ilmu Hayati* 18(3): 295-303.
- Leray, M., Ho, S., Lin, I., Machida, R. J. 2018. MIDORI server: a webserver for taxonomic assignment of unknown metazoan mitochondrial encoded sequences using a curated database. *Bioinformatics* 4(21): 3753-3754.
- Li, W., Hou, X., Xu, C., Qin, M., Wang, S., Wei, L., Wang, Y., Liu, X., Li, Y. 2021. Validating eDNA measurements of the richness and abundance of anurans at a large scale. *Journal of Animal Ecology* 90(6): 1-14.
- Li, W., Song, T., Hou, X., Qin, M., Xu, C., Li, Y. 2021. Application of eDNA Metabarcoding for Detecting Anura on a Tropical Island. *Diversity* 13(440): 1-12.
- Machida, R. J., Leray, M. Ho, S., Knowlton, N. 2017. Metazoan mitochondrial gene sequence reference datasets for taxonomic assignment of environmental samples. *Scientific Data* 4(170027): 1-7.

- McKee, A. M., Calhoun, D. L., Barichivich, W. J., Spear, S. F., Goldberg, C. S., Glenn, T. C. 2015. Assessment of Environmental DNA for Detecting Presence of Imperiled Aquatic Amphibian Species in Isolated Wetlands. *Journal of Fish and Wildlife Management* 6 (2): 498–510.
- McDonald, D., Price, M. N., Goodrich, J., Nawrocki, E. P., DeSantis, T. Z., Probst, A., Andersen, G. L., Knight, R., Hugenholtz. 2012. An improved Greengenes taxonomy with explicit ranks for ecological and evolutionary analyses of bacteria and archaea. *The ISME Journal* 6: 610-618.
- Peta Rupabumi Indonesia. 2008. Edisi I daerah Pakem skala 1 : 25.000, lembar 1408-242. Dicitak dan diterbitkan oleh Badan Koordinasi Survei dan Pemetaan Nasional (BAKOSURTANAL).
- Shogren, A. J., Tank, J. L., Andruszkiewicz, E. A., Olds, B., Jerde, C., Bolster, D. 2016. Modelling the transport of environmental DNA through a porous substrate using continuous flow-through column experiments. *R. Soc. Interface* 13(20160290): 1-16.
- Taberlet, P., Bonin, A., Zinger, L., Coissac, E. 2018. *Environmental DNA: For Biodiversity Research and Monitoring*. Oxford University Press. p. 1-6.
- Trijoko, T., Yudha, D. S., Eprilurahman, E., Pambudi, S. S. 2016. Keanekaragaman Jenis Ikan di Sepanjang Sungai Boyong – Code Propinsi Daerah Istimewa Yogyakarta. *Journal of Tropical Biodiversity and Biotechnology* 1(1): 21-29
- Vitt, L. J., Caldwell, J. P. 2014. *Herpetology: An Introductory Biology of Amphibians and Reptiles Fourth Edition*. Academic Press. p. 471-472.
- Widodo, B., Kasam, Ribut, L., Ike, A. 2013. Strategi Penurunan Pencemaran Limbah Domestik di Sungai Code DIY. *Jurnal Sains dan Teknologi Lingkungan*. 5(1):36-47.



Widyasari, T. 2009. Beban Pencemaran Sumber Limbah di Sungai Code. *Jurnal Teknik Sipil* 5(2): 144-154.

Xia, Z. Zhan, A., Johansson, M., DeRoy, E. 2021. Screening marker sensitivity: Optimizing eDNA-based rare species detection. *Diversity and Distributions* 27(10): 1982-1988.

Yudha, D. S., Akmal, W. R., Eprilurahmar, R. 2019. Monitoring Anurans Diversity along Code River, Province of Daerah Istimewa Yogyakarta, Indonesia. *Biogenesis* 7(2): 132-138.

Yudha, D. S., Eprilurahman, R., Andryani, K. Trijoko. 2013. Keanekaragaman jenis Katak dan Kodok di sepanjang Sungai Code, Propinsi Daerah Istimewa Yogyakarta. *Berkala Ilmiah Biologi* 12(1): 19-25.

Yudha, D. S., Akmal, W. R., Eprilurahman, R. 2019. Monitoring Anurans Diversity along Code River, Province of Daerah Istimewa Yogyakarta, Indonesia. *Biogenesis* 7(2): 132-138.

Zhang, P., Liang, D., Mao, R., Hillis, D. M., Wake, D. B., Cannatella, D. C. 2013. Efficient Sequencing of Anuran mtDNAs and a Mitogenomic Exploration of the Phylogeny and Evolution of Frogs. *Molecular Biology and Evolution* 30(8):1899–1915.

Zhang, P., Papenfuss, T. J., Wake, M. H., Qu, L., Wake, D. B. 2008. Phylogeny and biogeography of the family Salamandridae (Amphibia: Caudata) inferred from complete mitochondrial genomes. *Mol Phylogenet Evol* 49(2):586-59.