

## DAFTAR PUSTAKA

- Alexander, S. and Smock, L., A. 20. Life Histories and Production of *Cheumatopsyche Analis* and *Hydropsyche Betteni* (Trichoptera: Hydropsychidae) in an Urban Virginia Stream. *Northeastern Naturalist*, 12(4): 433-436
- Allan, J., D., Castillo, M., M. 2007. *Stream Ecology Structure and function of running waters* 2<sup>nd</sup> edition. Springer. Dordrecht.
- Barus. 2004. Pengantar Limnologi Studi Tentang Ekosistem Sungai dan Danau. Fakultas MIPA USU. Medan.
- BMKG. 2022. Buletin Prakiraan Musim Kemarau 2022 Daerah Istimewa Yogyakarta.
- Borror, D., J., Johnson, N., F., Triplehorn, C., A. 2005. *Borror and DeLong's Introduction to the Study of Insects*. Thompson Brooks/Cole. Belmont.
- Diantari, N., P., R., Ahyadi, H., Rohyani, I., S., Suana, W. 2017. Keanekaragaman serangga Ephemeroptera, Plecoptera, dan Trichoptera sebagai bioindikator kualitas perairan di Sungai Jangkok, Nusa Tenggara Barat. *Indonesian Journal of Entomology*, 14(3): 135–142.
- Djohan, T., S. 2015. Respon Komunitas Benthik Insekta Empat Bulan Pasca-Kebakaran Hutan 2002 Di Hulu Kali Boyong Gunung Merapi. *Jurnal Teknosains*, 4(2): 101-198.
- Effendi, H. 2003. Telaah Kualitas Air Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan. Penerbit Kanisius. Yogyakarta.
- Espeland, M. and Kjell A., J. 2010. The Effect of Environmental Diversification on Species Diversification in New Caledonian Caddisflies (Insecta: Trichoptera: Hydropsychidae). *Journal of Biogeography*, 37(5): 879-890.
- Gordon, A., E., and Wallace, J., B. 1975. Distribution of the Family Hydropsychidae (Trichoptera) in the Savannah River Basin of North Carolina, South Carolina and Georgia. *Hydrobiologia*, 46(4): 405-423.
- Hamid, S., A., Rawi., C., S. 2017. Application of Aquatic Insects (Ephemeroptera, Plecoptera and Trichoptera) In Water Quality Assessment of Malaysian Headwater. *Tropical Life Sciences Research*, 28(2): 143–162.

- Higler, L. W. G., and H. H. Tolkamp. 1983. Hydropsychidae as Bio-Indicators. *Environmental Monitoring and Assessment*, 3(3–4). 331-341
- Horne, A. J. and C. R. Goldman. 1994. *Limnology*. Second Edition. McGraw-Hill Inc: USA
- İbrahim, K. and Özlem F. 2020. The Seasonal and Spatial Distribution of Trichoptera Larvae in the Araç Creek (Kastamonu, Karabük, Turkey). *Kastamonu Üniversitesi Orman Fakültesi Dergisi* (20)1: 1-10.
- Illes, J., Evans, R., D., Balch, G., C. 2001. Influence of Food-Capture Nets on Cadmium Uptake by Net-Spinning Caddisfly (Trichoptera: Hydropsychidae) Larvae. *Environmental Contamination and Toxicology*, 66: 484-491.
- Imroatusshoolikhah, Purnama, S., Suprayogi, S. 2014. Kajian kualitas air Sungai Code Propinsi Daerah Istimewa Yogyakarta. *Majalah Geografi Indonesia*, 28(1): 23-32.
- Khamrak, O., Taeng, P. 2020. Life Cycle and Larval Feeding Habits of *Macrostemum indistinctum* Banks 1911 (Trichoptera: Hydropsychidae) in the Stream Flows into Krasiew Reservoir, Thailand. *Journal of Food Health and Bioenvironmental Science*, 13(3): 32-39.
- Merritt, R.W., Cummins, K.W. & Berg, M.B. 2002. *An Introduction To The Aquatic Insects of North America*. Dubuque, Kendall/Hunt Publishing Company.
- Muchtar, A. dan Nurdin, A. 2007. Analisis Faktor-faktor yang Mempengaruhi Debit Sungai Mamasa. *Jurnal Hutan dan Masyarakat*, 2(1): 174-178.
- Narangarvuu, D. 2015. Distribution of Ephemeroptera, Plecoptera, and Trichoptera Assemblages in Relation to Environmental Variables in Headwater Streams of Mongolia. *Environmental Earth Sciences*, 73(2): 835–847.
- Nessiman, J., L., Leandro, L., D. 2010. Description of the immature stages of *Leptonema tridens* (Insecta: Trichoptera: Hydropsychidae) from southeastern Brazil with notes on its biology. *Zoologia*, 27 (3): 465–471
- Ngodhe, S., A., Philip, O., R., Alfred, A. 2014. The Impact of Water Quality on Species Diversity and Richness of Macroinvertebrates in Small Water Bodies in Lake Victoria Basin, Kenya. *Journal of Ecology and The Natural Environment*, 6(1): 32–41.

- Odum, E., P. 1993. *Dasar-Dasar Ekologi* Edisi Ketiga diterjemahkan oleh Ir. Tjahjono Samingan. Yogyakarta: Gajah Mada University Press.
- Pirvu, M., and Pacioglu, O. 2012. The Ecological Requirements of Caddisflies Larvae (Insecta: Trichoptera) and Their Usefulness in Water Quality Assessment of a River in South-West Romania. *Knowledge and Management of Aquatic Ecosystems*. 407(3): 1-13.
- Poopola, K., Otalekor, A. 2011. Analysis of aquatic insects communities of awba reservoir and its Physic-Chemical Properties. *Research Journal of Environmental and Earth Sciences*, 3(4): 422-428.
- Pratami, V., A., Y., Prabang, S., Sunarto, S. 2018. Keanekaragaman, zonasi serta overlay persebaran bentos di Sungai Keyang, Ponorogo, Jawa Timur. *Jurnal Unsiyah*, 7(2): 127-138.
- Prommi, T., and A. Payakka. Aquatic Insect Biodiversity and Water Quality Parameters of Streams in Northern Thailand. *Sains Malaysiana*, 44(5): 707–717.
- Ratia, H., Kari, M., V., Aimo, O. 2012. Caddis Larvae (Trichoptera, Hydropsychidae) Indicate Delaying Recovery of a Watercourse Polluted by Pulp and Paper Industry. *Ecological Indicators*, 15(1): 217-226.
- Ratih, L., Wahyu, P., Rr. Eko, S. 2016. Inventarisasi Keanekaragaman Makrozoobentos Di Daerah Aliran Sungai Brantas Kecamatan Ngoro Mojokerto Sebagai Sumber Belajar Biologi SMA KELAS X. *JPBI (Jurnal Pendidikan Biologi Indonesia)*, 1(2): 158-169.
- Rogowski, D., L. and Khatarine, R., S. 2015. Effects of increased temperature on a Trichoptera (Hydropsychidae) from premontane forest streams in Southern Costa Rica. *Tropical Ecology*, 57(1): 57-68.
- Sari, E., K., dan Oki E., W. 2019. Penentuan status mutu Air Dengan Metode Indeks Pencemaran Dan Strategi Pengendalian Pencemaran Sungai Ogan Kabupaten Ogan Komering Ulu. *Jurnal Ilmu Lingkungan*, 17(3): 486-491.
- Sasaki, A., Ayumi, I., Jiro, A., Teruyuki, A. 2005, Influence of Water and Sediment Quality on Benthic Biota in an Acidified River. *Water Research*, 39(12): 2517–2526.

- Sembiring, A.E., T. Mananoma, F. Halim, dan E.M. Wuisan. 2014. Analisis Sedimentasi di Muara Sungai Panasen. *Jurnal Sipil Statik*, 2(3): 148-154.
- Sola, C., Narcis, P. 2005. Monitoring metal and metalloid bioaccumulation in Hydropsyche (Trichoptera, Hydropsychidae) to evaluate metal pollution in a mining river. Whole body versus tissue content. *Science of the Total Environment*, 359: 221 – 231
- Souto, R., D., M., G. and Katia, G. 2012. Influence of Environmental Factors on Benthic Macroinvertebrate Communities of Urban Streams in Vereda Habitats, Central Brazil. *Acta Limnologica Brasiliensia*, 23(3): 293–306.
- Stuijzand, S., C., Engels, S., van Ammelrooy, E. 1999. Caddisflies (Trichoptera: Hydropsychidae) Used for Jonker, M. Evaluating Water Quality of Large European Rivers. *Environmental Contamination and Toxicology*, 36: 186-192.
- Susanto, M., Muhammad, R., Danang, B., Kissinger. 2021. Analisis Status Mutu Air Sungai Petangkep Dengan Pendekatan Indeks Pencemar. *EnviroScienteeae*, 17(2): 124–133.
- Thamsenanupap, P., Taeng, P. 2020. Influence of water quality parameters on larval stages of *Pseudoleptonema quinquefasciatum* Martynov 1935 (Trichoptera: Hydropsychidae) in streams of western Thailand. *Jordan Journal of Biological Sciences*, 13(3):305-311.
- Trianto, M., Nuraini, Sukmawati, Moh, D., K. 2020. Keanekaragaman Genus Serangga Air sebagai Bioindikator Kualitas Perairan. *Jurnal Sains dan Teknologi*, 3(2): 61-68.
- Tszydel, M., Marcin, M., Janusz, M., Dagmara, B., Mateusz, Z. 2015. Assessment of Water Quality in Urban Streams Based on Larvae of *Hydropsyche angustipennis* (Insecta, Trichoptera). *Environmental Science and Pollution Research*, 22(19): 14687-14701.
- Wetzel, R., G. 2001. *Limnology Lake and River Ecosystems* 3<sup>rd</sup> Edition. Academic Press. California.
- Widyasari, T. 2009. Beban Pencemaran Sumber Limbah di Sungai Code. *Jurnal Teknik Sipil*, 5(2): 93-169.