

PUSTAKA ACUAN

- Afafi, S. N., Supartha, K. I., Fatmawati, H., Sari, N. H. E., Rissaldy, J. D., Al-Husna, F. Y., Himawan, F. D., Aulia, M., Ardiansyah, M. B., & Mulyana, B. (2022). Simpanan Karbon Tegakan Jati Mega di Kawasan Hutan Dengan Tujuan Khusus Wanagama, Daerah Istimewa Yogyakarta. *Jurnal Galam*, 2(2), 66-76.
- Aigner, S., Glaser, K., Arc, E., Holzinger, A., Schletter, M., Karsten, U., & Kranner, I. (2020). Adaptation to aquatic and terrestrial environments in *Chlorella vulgaris* (Chlorophyta). *Frontiers in Microbiology*, 11: 1-14.
- Allaguvatova, R. Z., Nikulin, A. Y., Nikulin, V. Y., Bagmet, V. B., & Gaysina, L. A. (2022). Study of Biodiversity of Algae and Cyanobacteria of Mutnovsky and Gorely Volcanoes Soils (Kamchatka Peninsula) Using a Polyphasic Approach. *Diversity*, 14(375), 1-23.
- Alwi, I., Ismail, A., Hatta, S. K. M., Buyong, F., Jamil, N. M., Sidek, N. J., Wahab, N. A., & Ismail, A. (2015). Bark pH as a factor affecting number of algal density of epiphytic terrestrial algae in Putrajaya, Malaysia. *Full Paper Proceeding*, 2, 362-371.
- Anonim, 2019. Wanagama Nature Reserve. (n.d.). Wanagama 2. Diakses pada [3 Juli 2023] dari <https://wanagama.fkt.ugm.ac.id/wanagama-2/>
- Arguelles, E. D. L. R. (2019). Systematic Study of Some Epiphytic Algae (Non-diatoms) on the Submerged Parts of Water Hyacinth [*Eichhornia crassipes* (Mart.) Solms-Loubach] Found in Laguna de Bay, Philippines. *Tropical Life Sciences Research*, 30(1), 1–21.
- Anwari, W., Sutjihati, S., & Munarti. (2021). Keanekaragaman Lichen di Pusat Pendidikan Konservasi Alam Bodogol, Taman Nasional Gunung Gede Pangrango. Halaman 1-12.
- Barsanti, L., & Gualtieri, P. (2023). *Algae Anatomy, Biochemistry, and Biotechnology: Third Edition*. Boca Raton: CRC Press.
- Broady, P. A. (1987). The morphology, distribution and ecology of *Pseudococcomyxa simplex* (Mainx) Fott (Chlorophyta, Chlorellaceae), a widespread terrestrial Antarctic alga. *Polar Biology*, 7(1), 25-30.

- Brooks, F., Rindi, F., Ohtani, S., & Suto, Y. (2015). The Trentepohliales (Ulvophyceae, Chlorophyta): An Unusual Algael Order with a Novel Plant Pathogen: Cephaleuros. *Plant Disease*, 99(6), 740-753.
- Campbell, S., Greenwood, M., Prior, S., Shearer, T., Walkem, K., Young, S., Bywaters, D., & Walker, K. (2020). Purposive sampling: complex or simple? Research case examples. *Journal of Research in Nursing*, 25(8), 652–661.
- Ganesid, M. A. P., Burhanuddin, & Manurung, T. F. (2019). Keanekaragaman spesies vegetasi di Cagar Alam Lho Fat Pun Pie Kecamatan Monterado Kabupaten Bengkayang. *Jurnal Hutan Lestari*, 7(1), 86-96.
- Gaysina, L. A., Bohunicka, M., Hazukova, V., & Johansen, J. R. (2018). Biodiversity of terrestrial cyanobacteria of the South Ural region. 2018 Faculty Bibliography, 60.
- Guiry, M.D. & Guiry, G.M. (2023). *AlgaeBase*. World-wide electronic publication, National University of Ireland, Galway. <https://www.algaebase.org>; searched on June 20, 2023.
- Hardin, J., Bertoni, G., & Kleinsmith, L. J. (2012). *World of the Cell: Eighth Edition*. San Francisco: Pearson Education.
- Harmoko & Sepriyaningsih. (2018). Keanekaragaman Sianobakteri di Sungai Kelingi Kota Lubuklinggau, Sumatera Selatan. *AL-KAUNIYAH: Journal of Biology*, 12(1), 54-62.
- Hata, S., Kishida, S., Minesono, R., & Tamai, T. (2022). Dried Nostoc commune exhibits nitrogen-fixing activity using glucose under dark conditions after rehydration. *Plant Signaling & Behavior*, 17(1), 1-3.
- Hariyani, D., Slamet, A., & Santri, D. J. (2017). Jenis-Jenis Protista di Danau Teluk Gelam Kabupaten OKI Provinsi Sumatera Selatan. *Jurnal Pembelajaran Biologi*, 5(2), 126-136.
- Insafitri. (2009). Keanekaragaman, Keseragaman, dan Dominasi Bivalvia di Muara Sungai Porong Sebagai Area Buangan Lumpur Lapindo. *Rekayasa*, 2(1), 8-13.
- Ira, Ira. (2018). Struktur Komunitas Makroalgae di Perairan Desa Mata Sulawesi Tenggara. *Jurnal Biologi Tropis*, 118(1), 45-56.
- Karana, T., Altuner, Z., & Erenler, R. (2017). Growth and Metabolite Production

- of *Chroococcus minutus* Under Different Temperature and Light Conditions. *Journal of New Results in Science (JNRS)*, 6(1), 47-52.
- Katam, K., Ananthula, R., Anumala, S., Sriariyanun, M., & Bhattacharyya, D. (2022). The impact of light intensity and wavelength on the performance of algael-bacterial culture treating domestic wastewater. *E3S Web of Conferences*, 355(02003), 1-9.
- Kim, M. R., Kim, J. H., Kim, D. H., & Lee, O. M. (2018). Eight taxa of newly recorded species of chlorophytes (Chlorophyceae and Trebouxiophyceae, Chlorophyta) in Korea. *Korean Society of Environmental Biology*, 36(3), 277-284.
- Lemes da Silva, N. M., Branco, L. H. Z., & Necchi Júnior, O. (2012). Corticolous cyanobacteria from tropical forest remnants in northwestern São Paulo State, Brazil. *Brazilian Journal of Botany*, 35(2), 169-179.
- Liu, G., Zhang, Q., Zhu, H., & Hu, Z. (2012). Massive *Trentepohlia*-Bloom in a Glacier Valley of Mt. Gongga, China, and a New Variety of *Trentepohlia* (Chlorophyta). *PLoS ONE*, 7(7), 1-10.
- Mollenhauer, D., Bengtsson, R., & Indstrøm, E. A. E. L. (1999). Macroscopic cyanobacteria of the genus *Nostoc*: a neglected and endangered constituent of European inland aquatic biodiversity. *European Journal of Phycology*, 34, 349-360.
- Napitupulu, R. J. (2019). *Modul Pembelajaran Mikrobiologi Ikan*. Jakarta Pusat: AMAFRAD Press.
- Neustupa, J., & Škaloud, P. (2010). Diversity of subaerial algae and cyanobacteria growing on bark and wood in the lowland tropical forests of Singapore. *Plant Ecology and Evolution*, 143(1), 51–62.
- Obana, S., Miyamoto, K., Morita, S., Ohmori, M., & Inubushi, K. (2007). Effect of *Nostoc* sp. on soil characteristics, plant growth and nutrient uptake. *Journal of Applied Phycology*, 19, 641-646.
- Pawlita-Posmyk, M., Wzorek, M., & Płaczek, M. (2018). The influence of temperature on algael biomass growth for biogas production. *MATEC Web of Conferences*, 240(04008), 1-7.
- Parwayoni, N. M. S. (2008). Pergantian Populasi Bakteri Heterotrof, Algae, dan

- Protozoa di Lagoon BTDC Unit Penanganan Limbah Nusa Dua Bali. *Jurnal Bumi Lestari*, 8(2), 84-108.
- Pitaloka, M. K., Petcharat, V., Arikrit, S., Sunpapao, A. (2015). *Cephaleuros virescens*, the cause of an alga leaf spot on Para rubber in Thailand. *Australasian Plant Dis. Notes*, 10(4), 1-5.
- Purbani, D. C., Putri, A. L., & Habibi, M. (2020). Epilithic Microalgae Isolated from Biofilm on Borobudur Temple Stoned. *Journal of Tropical Biodiversity and Biotechnology*, 5(3), 239-246.
- Purbani, D. C., Noerdjito, D. R., Purnaningsih, I., Yuliani, Y., & Prabowo, D. A. (2021). Analisis Morfologi dan Filogenetik Molekuler Alga Hijau Coccoid yang Diisolasi dari Pulau Enggano. *Berita Biologi*, 21(3), 301-312.
- Pushkareva, E., Johansen, J. R., & Elster, J. 2016. A review of the ecology, ecophysiology and biodiversity of microalgae in Arctic soil crusts. *Polar Biology*, 39, 2227-2240.
- Purnomo, D. W., & Usmani, D. (2012). Pengaruh Struktur dan Komposisi Vegetasi dalam Menentukan Nilai Konservasi Kawasan Rehabilitasi di Hutan Wanagama I dan Sekitarnya. *Jurnal Biologi Indonesia*, 8(2), 255-267.
- Remias, D., Karsten, U., Lütz, C., & Leya, T. (2010). Physiological and morphological processes in the Alpine snow algae *Chloromonas nivalis* (Chlorophyceae) during cyst formation. *Protoplasma*, 243(1-4), 73-86.
- Rindi, F., Sherwood, A. R., & Guiry, M. D. (2005). Taxonomy and distribution of *Trentepohlia* and *Printzina* (Trentepohliales, Chlorophyta) in the Hawaiian Islands. *Phycologia*, 44(3), 270-284.
- Rindi, F., & López-Bautista, J. M. (2007). New and interesting records of *Trentepohlia* (Trentepohliales, Chlorophyta) from French Guiana, including the description of two new species. *Phycologia*, 46(6), 698–708.
- Rindi, F., & Guiry, M. D. (2002). Diversity, life history, and ecology of *Trentepohlia* and *Printzina* (Trentepohliales, Chlorophyta) in urban habitats in western Ireland. *Journal of Phycology*, 38, 39-54.
- Rindi, F., Allali, H. A., Lam, D. W., & Lopez-Bautista, M. (2009). An Overview of the Biodiversity and Biogeography of Terrestrial Green Algae. Nova Science Publishers, 1-25.

- Ručová, D., Goga, M., Matik, M., & Bačkor, M. (2018). Adaptations of cyanobacterium *Nostoc commune* to environmental stress: Comparison of morphological and physiological markers between European and Antarctic populations after rehydration. *Czech Polar Reports*, 8(1), 84-93.
- Safi, C., Zebib, B., Merah, O., Pontalier, P.-Y., & Vaca-Garcia, C. (2014). Morphology, composition, production, processing and applications of *Chlorella vulgaris*: A review. *Renewable and Sustainable Energy Reviews*, 35, 365-378.
- Satpati, G. G., & Pal, R. (2015). *Trentepohlia sundarbanensis* sp. nov. (Trentepohliaceae, Ulvophyceae, Chlorophyta), a new chlorophyte species from Indian Sundarbans. *PHYKOS*, 45(1), 1-4.
- Sharma, O. P. (2011). Series on Diversity of Microbes and Cryptogams: ALGAE. New Delhi: Tata McGraw Hill Education.
- Shiels, K., Browne, N., Donovan, F., Murray, P., & Saha, S. K. (2019). Molecular Characterization of Twenty-Five Marine Cyanobacteria Isolated from Coastal Regions of Ireland. *Biology*, 59(8), 1-20.
- Sommer, V., Mikhailyuk, T., Glaser, K., & Karsten, U. (2020). Uncovering Unique Green Algae and Cyanobacteria Isolated from Biocrusts in Highly Saline Potash Tailing Pile Habitats, Using an Integrative Approach. *Microorganisms*, 8, 1-39.
- Stewart, A., Rioux, D., Boyer, F., Gielly, L., Pompanon, F., Saillard, A., ... Coissac, E. (2021). Altitudinal Zonation of Green Algae Biodiversity in the French Alps. *Frontier Plant Science*, 12, 1-107.
- Subashchandrabose, Suresh R.; Ramakrishnan, Balasubramanian; Megharaj, Mallavarapu; Venkateswarlu, Kadiyala; Naidu, Ravi. 2013. Mixotrophic Cyanobacteria and microalgae as distinctive biological agents for organic pollutant degradation. *Environment International*, 51(), 59–72.
- Sugeng Jinarto. (2019). Komposisi Floristik Tingkat Pohon pada Bagian Timur Kawasan Hutan Dengan Tujuan Khusus (KHDTK) Hutan Diklat Loa Haur Taman Hutan Raya (TAHURA) Bukit Soeharto. *Jurnal AGRIFOR*, 17, 339-346.
- Sunarmi. (2014). Melestarikan Keanekaragaman Hayati Melalui Pembelajaran di

- Luar Kelas dan Tugas yang Menantang. *Jurnal Pendidikan Biologi*, 6(1), 38-49.
- Sunpapao, A., & Pitaloka, M. K. (2015). Short Communication: A new record of plant parasitic green algae, *Cephaleuros diffusus* (Trentepohliaceae, Chlorophyta), on *Acacia auriculiformis* hosts in Thailand. *Biodiversitas*, 16(2), 116-120.
- Supriyo, H., Musyafa, Figyantika, A., & Gamayanti, S. (2010). Kelimpahan Cacing Tanah pada Beberapa Spesies Tegakan Pohon di Wanagama I. *Biota*, 15(2), 205-211.
- Suto, Y., Ganesan, E. K., & West, J. A. (2014). Comparative observations on *Cephaleuros parasiticus* and *C. virescens* (Trentepohliaceae, Chlorophyta) from India. *Algae*, 29(2), 121-126.
- Sutoyo. (2010). Keanekaragaman Hayati Indonesia: Suatu Tinjauan - Masalah dan Pemecahannya. *Buana Sains*, 10(2), 101-106.
- Teixeira, M. R., & Rosa, M. J. (2006). Neurotoxic and hepatotoxic cyanotoxins removal by nanofiltration. *Water Research*, 40, 2837-2846.
- Van, A. T., Sommer, V., Glaser, K. (2021). The Ecophysiological Performance and Traits of Genera within the *Stichococcus*-like Clade (Trebouxiophyceae) under Matric and Osmotic Stress. *Microorganisms*, 9, 1-16.
- Watung Preisy Meicy Meriam, Kepel, R. C., & Lumingas, L. J. L. (2016). Inventarisasi Makroalga di Perairan Pesisir Pulau Mantehage Kecamatan Wori, Kabupaten Minahasa Utara, Provinsi Sulawesi Utara. *Jurnal Ilmiah Platax*, 4(2), 84-108.
- Watzer, B., & Forchhammer, K. (2018). Cyanophycin synthesis optimizes nitrogen utilization in the unicellular cyanobacterium *Synechocystis* sp. Strain PCC 6803. *Physiology*, 84(20), 1-18.
- Yamada, T. K., Miyaji, K., & Nozaki, H. (2008). A taxonomic study of *Eudorina* unicocca (Volvocaceae, Chlorophyceae) and related species, based on morphology and molecular phylogeny. *European Journal of Phycology*, 43(3), 317-326.
- Yulita, K. S. 2012. Phenetic and phylogenetic analyses of *Tengkawang* (*Shorea* spp., Dipterocarpaceae) based on morphological and molecular data. *Buletin*

Kebun Raya, 19(1), 255-267.

Zhang, Y., Loiselle, S., Shi, K., Han, T., Zhang, M., Hu, M., Jing, Y., Lai, L., & Zhan, P. (2021). Wind Effects for Floating Algae Dynamics in Eutrophic Lakes. *Remote Sense*, 13(800), 1-11.