

## DAFTAR PUSTAKA

- Apha. 2017. Standard Methods For The Examination Of Water And Wastewater 23th Edition. America Public Health Association
- Acton, E. (1916). Studies On Nuclear Division In Desmids. I. Hyalotheca Dissiliens (Sm. ) Breb. *Annals Of Botany*, Os-30(3), 379–382. <https://doi.org/10.1093/Oxfordjournals.Aob.A089606>
- Agustina, S. S., & Poke, A. A. M. (2016). Keanekaragaman Fitoplankton Sebagai Indikator Tingkat Pencemaran Perairan Teluk Lalong Kota Luwuk. *Jurnal Balik Diwa*, 7(2), 1–6.
- Alrasyid, H., Purnama, D., & Bujana Kusuma, A. (2018). *Pemanfaatan Fitoplankton Sebagai Bioindikator Kualitas Air Di Perairan Muara Sungai Hitam Kabupaten Bengkulu Tengah Provinsi Bengkulu*. 3(1), 39–51.
- Alina, A. A., Soeprbowati, T. R., & Muhammad, F. (2015). Kualitas Air Rawa Jombor Klaten , Jawa Tengah Berdasarkan Komunitas Fitoplankton. *Jurnal Biologi*, 4(3), 41–52. <https://ejournal3.undip.ac.id/index.php/Biologi/article/view/19418>
- Anas, P., Jubaedah, I., & Sudino, D. (2017). Kualitas Air Dan Beban Limbah Karamba Jaring Apung Di Waduk Jatiluhur Jawa Barat. *Jurnal Penyuluhan Perikanan Dan Kelautan*, 11(1), 35–47.
- Ansa, E. D. O., Lubberding, H. J., Ampofo, J. A., & Gijzen, H. J. (2011). The Role Of Algae In The Removal Of Escherichia Coli In A Tropical Eutrophic Lake. *Ecological Engineering*, 37(2), 317–324. <https://doi.org/10.1016/j.ecoleng.2010.11.023>
- Ariyadej, C., Tansakul, R., Tansakul, P., & Agnsupanich, S. (2004). Phytoplankton Diversity And Its Relationships To The Physico-Chemical Environment In The Banglang Reservoir, Yala Province. *Songklanakarinn Journal Of Science And Technology*, 26(March 2004), 596–607.
- Awaludin, A. S., Dewi, N. K., & Ngabekti, S. (2016). Koefisien Saprobik Plankton Di Perairan Embung Universitas Negeri Semarang. *Jurnal Mipa Unnes*, 38(2), 115–120.
- Bagaskara, W. B., Ario, R., & Riniatsih, I. (2020). Kualitas Perairan Di Tinjau Dari Distribusi Fitoplankton Serta Indeks Saprobik Di Pantai Marina Semarang Jawa Tengah. *Journal Of Marine Research*, 9(3), 333–342. <https://doi.org/10.14710/Jmr.V9i3.27561>
- Barinova, S. S., Nevo, E., & Bragina, T. M. (2011). Ecological Assessment Of Wetland Ecosystems Of Northern Kazakhstan On The Basis Of Hydrochemistry And Algal Biodiversity. *Acta Botanica Croatica*, 70(2), 215–244. <https://doi.org/10.2478/V10184-010-0020-7>
- Barus, T. A. (2004). Faktor-Faktor Lingktjangan Abiotik Dan Keanekaragaman

- Plankton Sebagai Indikator Kualitas Perairan Danau Toba (Environmental Abiotic Factors And The Diversity Of Plankton As Water Quality Indicators In Lake Toba, North Sumatera, Indonesia). *Manusia Dan Lingkungan*, *Xi(2)*, 64–72.
- Bellinger, E., & Sigeo, D. (2015). *Freshwater Algae: Identification, Enumeration And Use As Bioindicators*. <https://books.google.com/books?hl=id&lr=&id=Yfgsbgaqbaj&oi=fnd&pg=pr9&dq=freshwater++algae++identification++and++use++as++bioindicators&ots=G0jfrwzadk&sig=Ymdvo1rraelirqvvyln9-Dn8mp0>
- Berthon, V., Bouchez, A., & Rimet, F. (2011). Using Diatom Life-Forms And Ecological Guilds To Assess Organic Pollution And Trophic Level In Rivers: A Case Study Of Rivers In South-Eastern France. *Hydrobiologia*, *673(1)*, 259–271. <https://doi.org/10.1007/s10750-011-0786-1>
- Bick, H. (1963). A Review Of Central European Methods For The Biological Estimation Of Water Pollution Levels. *Bulletin Of The World Health Organization*, *29(3)*, 401–413.
- Bucka, H., & Wilk-Woźniak, E. (2003). Morphology And Ecology Of Selected Coccal Green Algae Occurring In Different Types Of Water Bodies. *Biologia - Section Botany*, *58(4)*, 483–487.
- Calado, A. J., Hansen, G., & Moestrup, Ø. (1999). Architecture Of The Flagellar Apparatus And Related Structures In The Type Species Of *Peridinium*, *P. Cinctum* (Dinophyceae). *European Journal Of Phycology*, *34(2)*, 179–191. <https://doi.org/10.1080/09670269910001736232>
- Darki, B. Z., & Krakhmalnyi, A. F. (2019). Biotic And Abiotic Factors Affecting The Population Dynamics Of *Ceratium hirundinella*, *Peridinium cinctum*, And *Peridiniopsis elpatiewskyi*. *Diversity*, *11(8)*. <https://doi.org/10.3390/d11080137>
- Darmawan, A., Sulardiono, B., & Haeruddin, H. (2018). Analisis Kesuburan Perairan Berdasarkan Kelimpahan Fitoplankton, Nitrat Dan Fosfat Di Perairan Sungai Bengawan Solo Kota Surakarta. *Management Of Aquatic Resources Journal (Maquares)*, *7(1)*, 1–8. <https://doi.org/10.14710/marj.v7i1.22519>
- Dayana, M. E., Singkam, A. R., & Jumiarni, D. (2022). Keanekaragaman Mikroalga Sebagai Bioindikator Di Perairan Sungai. *Bioedusains: Jurnal Pendidikan Biologi Dan Sains*, *5(1)*, 77–84. <https://doi.org/10.31539/bioedusains.v5i1.3531>
- De Pauw, N., & Vanhooren, G. (1983). Method For Biological Quality Assessment Of Watercourses In Belgium. *Hydrobiologia*, *100(1)*, 153–168.
- Dochin, K., & Iliev, I. (2019). Functional Classification Of Phytoplankton In Kardzhali Reservoir (Southeast Bulgaria). *Bulgarian Journal Of Agricultural Science*, *25(2)*, 385–395.

- Dresscher, T. G. N., & Mark, H. Van Der. (1976). A Simplified Method For The Biological Assessment Of The Quality Of Fresh And Slightly Brackish Water. *Hydrobiologia* 1976 48:3, 48(3), 199–201.
- Effendi, H., M Adiwilaga, E., & Sinuhaji, A. (2012). Pengaruh Percampuran Air Terhadap Oksigen Terlarut Di Sekitar Karamba Jaring Apung, Waduk Cirata, Purwakarta, Jawa Barat. *Jurnal Ecolab*, 6(1), 51–60.
- Fatmayanti, N., Apriadi, T., & Melani, W. R. (2019). Fitoplankton Sebagai Bioindikator Kualitas Perairan Pada Zona Litoral Waduk Sei Pulai, Pulau Bintan, Kepulauan Riau. *Depik*, 8(3), 176–184. <https://doi.org/10.13170/Depik.8.3.14144>
- Gukguk, M. W. R. (2020). Fertility Status Of Pangean Reservoir Pangean District Kuantan Singingi Regency Based On Phytoplankton. *Jurnal Online Mahasiswa (Jom) Bidang Perikanan Dan Ilmu Kelautan*, 7(2), 1–16.
- Hajjir, S., Nurdin, J., & Dharma, A. (2015). Komunitas Fitoplankton Dan Kandungan Pestisida Di Danau Dibawah Kabupaten Solok Sumatera Barat. *Online Jurnal Of Natural Science*, 4(2), 33–42.
- Handayani, A. M. T. (2023). *Status Mutu Air Waduk Penjalin Berdasarkan Parameter Fisika Dan Kimia Menggunakan*.
- 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.
- Harmoko, H., Triyanti, M., & Aziz, L. (2018). Eksplorasi Mikroalga Di Sungai Mesat Kota Lubuklinggau. *Biodidaktika, Jurnal Biologi Dan Pembelajarannya*, 13(2), 19–23. <https://doi.org/10.30870/Biodidaktika.V13i2.3366>
- Hedianto, D. A., Purnomo, K., & Warsa, A. (2013). Interactions Of Food Resources Utilization By Fish Communities In Penjalin Reservoir, Central Java. *Bawal*, 5(1), 33–40.
- Hong, J. W., Jo, S. W., Cho, H. W., Nam, S. W., Shin, W., Park, K. M., Lee, K. I., & Yoon, H. S. (2015). Phylogeny, Morphology, And Physiology Of *Micractinium* Strains Isolated From Shallow Ephemeral Freshwater In Antarctica. *Phycological Research*, 63(3), 212–218. <https://doi.org/10.1111/Pre.12097>
- Idiawati, N., Sari Juane Sofiana, M., Safitri, I., Tanjungpura Jl Hadari Nawawi, U. H., & Barat, K. (2021). Community Structure And Diversity Of Phytoplankton In Lemukutan Island Waters, West Kalimantan. *Saintek Perikanan : Indonesian Journal Of Fisheries Science And Technology*, 17(2), 122.
- Ilham, T., Hasan, Z., Andriani, Y., Herawati, H., & Sulawesty, F. (2020). Hubungan Antara Struktur Komunitas Plankton Dan Tingkat Pencemaran Di Situ Gunung Putri, Kabupaten Bogor. *Limnotek : Perairan Darat Tropis Di Indonesia*, 27(2), 79–92. <https://doi.org/10.14203/Limnotek.V27i2.282>

- Indriyani, N., Anggoro, S., & Suryanto, A. (2014). Indeks Trofik-Saprobik Sebagai Indikator Kualitas Air Di Bendung Kembang Kempis Wedung, Kabupaten Demak. *Management Of Aquatic Resources Journal (Maquares)*, 3(4), 161–168.
- Jankovská, V., & Komárek, J. (2000). Indicative Value Of Pediastrum And Other Coccal Green Algae In Palaeoecology. *Folia Geobotanica*, 35(1), 59–82. <https://doi.org/10.1007/Bf02803087/Metrics>
- Jawad, H. M., & Mohammed, Z. A. A. (2019). A Qualitative Study Of Soil Algae In Vegetable Farms In The Eastern Hamza (Al-Sharqi) District During Summer And Autumn. *Journal Of Research On The Lepidoptera*, 50(4), 114–124. <https://doi.org/10.36872/Lepi/V50i4/201076>
- Kamenarska, Z. G., Konaklieva, S. D. D., Nikolova, C., Kujungiev, A. I., Stefanov, K. L., & Popov, S. S. (2000). Volatile Components Of The Freshwater Algae Spirogyra And Mougeotia. *Zeitschrift Für Naturforschung C*, 55.
- Karlson, A. M. L., Duberg, J., Motwani, N. H., Hogfors, H., Klawonn, I., Ploug, H., Barthel Svedén, J., Garbaras, A., Sundelin, B., Hajdu, S., Larsson, U., Elmgren, R., & Gorokhova, E. (2015). Nitrogen Fixation By Cyanobacteria Stimulates Production In Baltic Food Webs. *Ambio*, 44, 413–426. <https://doi.org/10.1007/S13280-015-0660-X>
- Kawamura, T. (1960). Plankton Succession Of Lake Nukabira An Artificial Lake In Hokkaido For Five Years After Being Impounded. *October*, 21(7).
- Kilham, S. S., & Kilham, P. (1975). Melosira Granulata (Ehr.) Ralfs: Morphology And Ecology Of A Cosmopolitan Freshwater Diatom. *Internationale Vereinigung Für Theoretische Und Angewandte Limnologie: Verhandlungen*, 19(4), 2716–2721. <https://doi.org/10.1080/03680770.1974.11896368>
- Kim, K. M., Jo, S. W., Kang, N. S., Lee, J. A., Kim, E. S., Yoon, M., Jang, H. S., Hong, J. W., & Yoon, H. S. (2020). Complete Chloroplast Of Micractinium Pusillum Ccap 231/1 (Chlorellaceae, Trebouxiophyceae). *Mitochondrial Dna Part B: Resources*, 5(1), 94–95. <https://doi.org/10.1080/23802359.2019.1698342>
- Kurbanov, A., Titova, N., Mustaphaeva, Z., & Atabaeva, N. (2021). The Role Of Macrozoobenthos And Periphyton In Bioindication Of Water Resources Quality In Uzbekistan. *E3s Web Of Conferences*, 265. <https://doi.org/10.1051/E3sconf/202126501016>
- Leliaert, F., Smith, D. R., Moreau, H., Herron, M. D., Verbruggen, H., Delwiche, C. F., & De Clerck, O. (2012). Phylogeny And Molecular Evolution Of The Green Algae. *Critical Reviews In Plant Sciences*, 31(1), 1–46. <https://doi.org/10.1080/07352689.2011.615705>
- Margalef, R. (1969). Size Of Centric Diatoms As An Ecological Indicator. *Internationale Vereinigung Für Theoretische Und Angewandte Limnologie: Verhandlungen*, 17(1), 202–210. <https://doi.org/10.1080/05384680.1969.11903887>



- Marquardt, G. C., Costa, L. F., Bicudo, D. C., Bicudo, C. E. D. M., Blanco, S., Wetzel, C. E., & Ector, L. (2017). Type Analysis Of *Achnantheidium Minutissimum* And *A. Catenatum* And Description Of *A. Tropicocatenatum* Sp. Nov. (Bacillariophyta), A Common Species In Brazilian Reservoirs. *Plant Ecology And Evolution*, 150(3), 313–330. <https://doi.org/10.5091/plecevo.2017.1325>
- Martín, G., Toja, J., Sala, S. E., Fernández, M. D. L. R., Reyes, I., & Casco, M. A. (2010). Application Of Diatom Biotic Indices In The Guadalquivir River Basin, A Mediterranean Basin. Which One Is The Most Appropriated? *Environmental Monitoring And Assessment*, 170(1–4), 519–534. <https://doi.org/10.1007/s10661-009-1254-5>
- Mukhroji, M., & Suprpto, Y. (2019). *Pengembangan Potensi Wisata Air Di Waduk Penjalin Desa Winduaji Kecamatan Paguyangan*.
- Noga, T., Peszek, Ł., Stanek-Tarkowska, J., & Pajaczek, A. (2014). The *Pinnularia* Genus In South-Eastern Poland With Consideration Of Rare And New Taxa To Poland. *Oceanological And Hydrobiological Studies*, 43(1), 77–99. <https://doi.org/10.2478/s13545-014-0120-4>
- Nurachman, Z., Brataningtyas, D. S., Hartati, & Panggabean, L. M. G. (2012). Oil From The Tropical Marine Benthic-Diatom *Navicula* Sp. *Applied Biochemistry And Biotechnology*, 168(5), 1065–1075. <https://doi.org/10.1007/s12010-012-9841-2>
- Padisák, J., Borics, G., Grigorszky, I., & Soróczki-Pintér, É. (2006). Use Of Phytoplankton Assemblages For Monitoring Ecological Status Of Lakes Within The Water Framework Directive: The Assemblage Index. *Hydrobiologia*, 553(1), 1–14. <https://doi.org/10.1007/s10750-005-1393-9>
- Pasztaleniec, A., & Poniewozik, M. (2004). *Pediastrum* Species (Hydrodictyaceae, Sphaeropleales) In Phytoplankton Of Sumin Lake (Łęczna-Włodawa Lakeland). *Acta Societatis Botanicorum Poloniae*, 73(1), 39–46. <https://doi.org/10.5586/asbp.2004.006>
- Ponader, K. C., & Potapova, M. G. (2007). Diatoms From The Genus *Achnantheidium* In Flowing Waters Of The Appalachian Mountains (North America): Ecology, Distribution And Taxonomic Notes. *Limnologia*, 37(3), 227–241. <https://doi.org/10.1016/j.limno.2007.01.004>
- Prihantini, N. B., Wardhana, W., Hendrayanti, D., Widyawan, A., Ariyani, Y., Ronny Rianto Departemen Biologi, D., & Matematika Dan Ilmu Pengetahuan Alam, F. (2008). Biodiversitas Cynibacteria Dari Beberapa Situ/Danau Di Kawasan Jakarta-Depok-Bogor, Indonesia. *Makara Sains*, 12(1), 44–54.
- Pröschold, T., Pitsch, G., & Darienko, T. (2020). *Micractinium Tetrahymenae* (Trebouxiophyceae, Chlorophyta), A New Endosymbiont Isolated From Ciliates. *Diversity*, 12(5). <https://doi.org/10.3390/d12050200>

- Purwati, E., Suprayogi, A., & Hani'ah. (2012). Analisis Perbandingan Fluktuasi Perubahan Volume Waduk Penjalin Dengan Metode Pemeruman Dan Pengukuran Elevasi Muka Air. *Jurnal Geodesi Undip*, 1(1).
- Putri, M. R. A., & Purnamaningtyas, S. E. (2013). Variasi Kelimpahan Fitoplankton Di Area Keramba Phytoplankton Abundance Variation At Floating Net. *Widyariset*, 16(3), 349–360.
- Rahayu, K. P., Hidayat, J. W., & Muhammad, F. (2021). Struktur Komunitas Plankton Perairan Sungai Pendo, Kecamatan Mejobo, Kabupaten Kudus. *Niche Journal Of Tropical Biology*, 4(1), 8–15. <https://ejournal2.undip.ac.id/index.php/niche/article/view/11053/5514>
- Rahayu, R. I., & Susilo, H. (2021). Keanekaragaman Mikroalga Sebagai Bioindikator Pencemaran Di Situ Cibanten Kecamatan Ciomas Kabupaten Serang Banten. *Jurnal Lingkungan Dan Sumberdaya Alam (Jurnal)*, 4(2), 104–116. <https://doi.org/10.47080/jls.v4i2.1459>
- Reavie, E. D., Barbiero, R. P., Allinger, L. E., & Warren, G. J. (2014). Phytoplankton Trends In The Great Lakes, 2001–2011. *Journal Of Great Lakes Research*, 40(3), 618–639.
- Regel, R. H., Brookes, J. D., & Ganf, G. G. (2004). Vertical Migration, Entrainment And Photosynthesis Of The Freshwater Dinoflagellate *Peridinium Cinctum* In A Shallow Urban Lake. *Journal Of Plankton Research*, 26(2), 143–157. <https://doi.org/10.1093/plankt/fbh008>
- Schweikert, M., & Meyer, B. (2001). Characterization Of Intracellular Bacteria In The Freshwater Dinoflagellate *Peridinium Cinctum*. *Protoplasma*, 217(4), 177–184. <https://doi.org/10.1007/Bf01283398>
- Setyowati, D., Retna, D., Suci, U., & Piranti, A. S. (2021). Struktur Komunitas Fitoplanton Di Waduk Cacaban Kabupaten Tegal. *Jurnal Ilmiah Biologi Unsoed*, 3(3), 163–175.
- Simanjuntak, M. (2009). Hubungan Faktor Lingkungan Kimia, Fisika Terhadap Distribusi Plankton Di Perairan Belitung Timur, Bangka Belitung. *Jurnal Perikanan (J. Fish. Sci)*, 9(1), 31–45.
- Siver, P. A., & Kling, H. (1997). Morphological Observations Of *Aulacoseira* Using Scanning Electron Microscopy. *Canadian Journal Of Botany*, 75(11), 1807–1835.
- Soemarjati, W. (2014). Aplikasi Water Stimulating Feed (Wsf) Pada Media Kultur *Navicula* Sp. *Jurnal Ilmu Perikanan*, 5(1), 6.
- Štěpánková, J., Vavrušková, J., Hašler, P., Mazalová, P., & Poulièková, A. (2008). Diversity And Ecology Of Desmids Of Peat Bogs In The Jizerské Hory Mts. *Biologia*, 63(6), 895–900. <https://doi.org/10.2478/S11756-008-0139-3>
- Stoyneva, M. P., Cocquyt, C., Gärtner, G., & Vyverman, W. G. (2007). Oocystis

- Lacustris Chod. (Chlorophyta, Trebouxiophyceae) In Lake Tanganyika (Africa). *Linzer Biologische Beiträge*, 39(1), 571–632.
- Sulastri, Henny, C., & Nomosatryo, S. (2019). Keanekaragaman Fitoplankton Dan Status Trofik Perairan Danau Maninjau Di Sumatera Barat, Indonesia. *Prosiding Seminar Nasional Masyarakat Biodiversitas Indonesia*, 5(2), 242–250. <https://doi.org/10.13057/Psnmbi/M050217>
- Sunarya, E. (2016). Waduk Penjalin Dan Kehidupan Pertanian Masyarakat Paguyangan Kabupaten Brebes Tahun 1970-2010. *Khazanah Pendidikan*, 9(2).
- Syafriani, R., & Tri Apriadi. (2018). Keanekaragaman Fitoplankton Di Perairan Estuari Sei Terusan, Kota Tanjungpinang. *Limnotikperairan Darat Tropis Di Indonesia*, 24(2), 74–82.
- Van Dam, H., Mertens, A., & Sinkeldam, J. (1994). A Coded Checklist And Ecological Indicator Values Of Freshwater Diatoms From The Netherlands. *Netherlands Journal Of Aquatic Ecology*, 28(1), 117–133. <https://doi.org/10.1007/Bf02334251>
- Vuuren, S. J. Van, Taylor, J., Ginkel, C. Van, & Gerber, A. (2006). *Easy Identification Of The Most Common Freshwater Algae. A Guide For The Identification Of Microscopic Algae In South African Freshwaters* (Issue November).
- Watt, M. P., Danaviah, S., Watt, D. A., & Blakeway, F. (1999). Approaches To Minimize The Proliferation Of Mougeotia (Chlorophyta) Mats In A Forestry Production Nursery. *South African Journal Of Botany*, 65(2), 182–184. [https://doi.org/10.1016/S0254-6299\(15\)30959-5](https://doi.org/10.1016/S0254-6299(15)30959-5)
- Wijaya, T. S., & Hariyati, R. (2011). Struktur Komunitas Fitoplankton Sebagai Bio Indikator Kualitas Perairan Danau Rawapening Kabupaten Semarang Jawa Tengah. *Anatomi Fisiologi*, 19(1), 55–61.
- Winahyu, D. A., Anggraini, Y., Rustiati, E. L., Master, J., & Setiawan, A. (2013). Studi Pendahuluan Mengenai Keanekaragaman Mikroalga Di Pusat Konservasi Gajah , Taman Nasional Way Kambas. *Prosiding Semirata Fmipa Universitas Lampung*, 1(1), 93–98. <https://jurnal.fmipa.unila.ac.id/Semirata/Article/View/796>
- Wynne, D. (1981). The Role Of Phosphatases In The Metabolism Of Peridinium Cinctum, From Lake Kinneret. *Hydrobiologia*, 83(1), 93–99. <https://doi.org/10.1007/Bf02187154>
- Yusuf, Z. H. (2020). Phytoplankton As Bioindicators Of Water Quality In Nasarawa Reservoir, Katsina State Nigeria. *Acta Limnologica Brasiliensia*, 32. <https://doi.org/10.1590/S2179-975x3319>
- Zhao, M., & Han, B.-P. (2012). A Peridinium Bloom In A Large Narrow Impoundment, Huanglongdai Reservoir, Southern China. *Monographiae Biologicae*, 91, 123–134. [https://doi.org/10.1007/978-94-007-2007-7\\_8](https://doi.org/10.1007/978-94-007-2007-7_8)
- Zuhri, R. (2018). Identifikasi Plankton Sebagai Bioindikator Tingkat Pencemaran

Di Sungai Murak Kabupaten Merangin. *Biocolony: Jurnal Pendidikan Biologi Dan Biosains*, 1(1), 28-34.

