DAFTAR PUSTAKA

Algaebase.org.(2021).*Euglena Ehrenberg, 1830: Algaebase*. [online] Available at: https://www.algaebase.org/search/genus/detail/?genus_id=43651&sk=0 [Accessed 20 March 2021].

Almutairi, A. W. and Toulibah, H. E. (2017) „Effect of Salinity and pH on Fatty Acid Profile of The Green Algae Tetraselmis suecica", *Journal of Petroleum & Environmental Biotechnology*, 08(03). doi: 10.4172/2157-7463.1000333.

Apt, K. E. and Behrens, P. W. (1999) „Commercial developments in microalgal biotechnology", *Journal of Phycology*, 35(2), pp. 215–226. doi: 10.1046/j.1529-8817.1999.3520215.x.

Banerjee, A. *et al.* (2002) „Botryococcus braunii : A Renewable Source of Hydrocarbons and Other Chemicals", *Journal of Science*. 22(3), pp. 245–279.

Bi, R. et al. (2018) „The Effect of Acidification on the Ability of *Euglena gracilis* to Perform Positive Phototaxis", *The Expedition*, 8, pp. 1–16.

Bilanovic, D. *et al.* (2009) „Freshwater and marine microalgae sequestering of CO2 at different C and N concentrations – Response surface methodology analysis", *Energy Conversion and Management*. Elsevier Ltd, 50(2), pp. 262–267. doi: 10.1016/j.enconman.2008.09.024.

Borowitzka, M. A. (2010) *Algae Oils for Biofuels: Chemistry, Physiology, and Production. Second Edi, Single Cell Oils: Microbial and Algal Oils: Second Edition*. Second Edi. ©2010 by AOCS Press. All rights reserved. doi: 10.1016/B978-1-893997-73-8.50017-7.

Buetow, D. E. (1962) „Differential effects of temperature on the growth of *Euglena* gracilis", *Experimental Cell Research*, 27(1), pp. 137–142. doi: 10.1016/0014-4827(62)90051-4.

Ciugulea, I. and Triemer (2010) *A Color Atlas of Photosynthetic Euglenoids. East Lansing*. Michigan State University Press.

Derenne, S. *et al.* (1992) „Similar morphological and chemical variations of Gloeocapsomorpha prisca in Ordovician sediments and cultured *Botryococcus braunii* as a response to changes in salinity", 19, pp. 299–313.

Donot, F. et al. (2014) „Single cell oils (SCOs) from oleaginous yeasts and moulds: Production and genetics", *Biomass and Bioenergy*. Elsevier Ltd, 68(04), pp. 135–150. doi: 10.1016/j.biombioe.2014.06.016.

Fadhilah, I. et al. (2021) „Lipid Contain of Three Microalgaes on Culture with Different pH and Salinity", *Proceedings of the International Conference on Sustainable Biomass* (ICSB 2019), 202(Icsb 2019), pp. 102–112. doi: 10.2991/aer.k.210603.018.

Gangl, D. et al. (2015) „Biotechnological exploitation of microalgae", *Journal of Experimental Botany*, 66(22), pp. 6975–6990. doi: 10.1093/jxb/erv426.

Guedes, A. C., Amaro, H. M. and Malcata, F. X. (2011) „Microalgae as sources of carotenoids", *Marine Drugs*, 9(4), pp. 625–644. doi: 10.3390/md9040625.

Hadiyanto and Andri, S. I. C. (2010) „Produksi Mikroalga Berbiomasa Tinggi dalam Bioreaktor Open Pond", *Prosiding Seminar Nasional Teknik Kimia "Kejuangan " Pengembangan Teknologi Kimia Untuk Pengelohan Sumber Daya Alam Indonesia*, pp. 1–6. Available at: http://repository.upnyk.ac.id/538/1/5.pdf.

Hadiyanto and Azim, M. (2012) „Penerbit & Percetakan UPT UNDIP Press SEMARANG", pp. 1–138.

Hannon, M., Javier, G., Tran, M., Beth, R., and Mayfield, S. (2010) Biofuels from algae: challenges and potential. Biofuels 1(5): 765

Huang, Y. T. & Su, C. P., High lipid content and productivity of microalgae cultivating under elevated carbon dioxide. *Int. J. Environ. Sci. Technol*., 11(3): 703–710 (2014).

Kabinawa, I. N. K. (2008) *Biodiesel energi terbarukan dari mikroalga*. Jakarta: Library of Congress Office.

Kawaroe, M. *et al.* (2016) „Marine Microalgae Tetraselmis suecica as Flocculant Agent of Bio-flocculation Method", *HAYATI Journal of Biosciences*. Elsevier Ltd, 23(2), pp. 62–66. doi: 10.1016/j.hjb.2015.09.003.

Lam, M. K., Lee, K. T. and Mohamed, A. R. (2012) „International Journal of Greenhouse Gas Control Current status and challenges on microalgae-based carbon capture", *International Journal of Greenhouse Gas Control*. ElsevierLtd, 10, pp. 456–469. doi: 10.1016/j.ijggc.2012.07.010.

Lavens, P. and Sorgeloos, P. (1996) *FAO Fisheries Technical Paper. No. 361. Rome: Food and Agriculture Organization of the United Nations. Mantiri*. Ghent.

Masojídek, J., Torzillo, G. and Koblízek, M. (2013) „Photosynthesis in Microalgae", *Handbook of Microalgal Culture: Applied Phycology and Biotechnology: Second Edition*, (April), pp. 21–36. doi: 10.1002/9781118567166.ch2.

Molina, D. et al. (2019) „Biological contamination and its chemical control in microalgal mass cultures", *Applied Microbiology and Biotechnology*, 103(23–24), pp. 9345–9358. doi: 10.1007/s00253-019-10193-7.

Olaveson, M. M. and Nalewajko, C. (2000) „Effects of acidity on the growth of two *Euglena* species", *Hydrobiologia*, 433(1), pp. 39–56. doi: 10.1023/A:1004006401516.

Porphyridium, M. (2016) „Pertumbuhan dan aktivitas antioksidan dari mikroalga",12(1), pp. 12–21.

Prayitno, J. (2016) „Pola Pertumbuhan dan Pemanenan Biomassa dalam Fotobioreaktor Mikroalga untuk Penangkapan Karbon Growth Pattern and Biomass Harvesting in Microalgal Photobioreactor for Carbon Sequestration", *Jurnal Bioteknologi* 17(1), pp. 45–52.

Profile, S. E. E. (1998) „Spectrophotometric Determination of Chlorophyll - A, B and Total Carotenoid Contents of Some Algae Species Using Different Solvents", *Doga, Turkish Journal of Botany*, 22(1), pp. 13–18.

Qiu, R. *et al.* (2017) „Effects of pH on cell growth, lipid production and CO2 addition of microalgae Chlorella sorokiniana", *Algal Research*. Elsevier, 28(May), pp. 192–199. doi: 10.1016/j.algal.2017.11.004.

Ramachandra, T. V (2013) „*Euglena* sp . as a suitable source of lipids for potentialuse as biofuel and sustainable wastewater treatment", (June). doi: 10.1007/s10811-013-9979-5.

Rinawati, M., Sari, L. A. and Pursetyo, K. T. (2020) „Chlorophyll and carotenoidsanalysis spectrophotometer using method on microalgae", *IOP Conference Series: Earth and Environmental Science*, 441(1). doi: 10.1088/1755- 1315/441/1/012056.

Rizwan, M. *et al.* (2018) „Exploring the potential of microalgae for new biotechnology applications and beyond: A review", *Renewable and Sustainable Energy Reviews*. Elsevier Ltd, 92(May), pp. 394–404. doi: 10.1016/j.rser.2018.04.034.

Salim, M. A., Yuniarti, Y. and Hasby, R. M. (2011) „PENGARUH CO2 TERHADAP PERTUMBUHAN STAURASTRUM sp", V.

Schaechter, M. (2011) *Eukaryotic Microbes*. 1st edn. San Diego: Elsevier Ltd. Symonds, J. M. *et al.* (2018) „ Toxicological assessment of *Euglena* gracilis strain Eu029 shows no adverse effects in vivo and in vitro ", *Toxicology Research and Application*, 2, p. 239784731876167. doi: 10.1177/2397847318761672.

US EPA. (2021) *Help finding information*. Available at: http://epa.gov/climatechange/ghgemissions/sources.html.

Wiratmaja, I. G. *et al.* (2011) „Pembuatan Etanol Generasi Kedua Dengan Memanfaatkan Limbah Rumput Laut Eucheuma Cottonii Sebagai Bahan Baku. *Jurnal Teknik Kimia*, (2), 5(1).pp 33-36

Wiryadi, F., Retti, J. and Witono, B. (2018) „Prosiding Seminar Nasional Teknik Kimia "Kejuangan" Pengaruh Aerasi dan Penambahan Nitrogen terhadap Laju Pertumbuhan Nannochloropsis sp", *Jurusan Teknik Kimia*, (April), pp. 3–8.