



## DAFTAR PUSTAKA

- Abu, N.J., Bujang, J.S., Zakaria, M.H. and Zulkifly, S. (2022). Use of *Ulva reticulata* as a growth supplement for tomato (*Solanum lycopersicum*). *PLOS ONE*, 17(6), pp.1–19.
- Armita, D., Wahdaniyah, W., Hafsan, H. dan Al Amanah, H. (2022). Diagnosis Visual Masalah Unsur Hara Esensial Pada Berbagai Jenis Tanaman. *Teknosains: Media Informasi Sains dan Teknologi*, 16(1), pp.139–150.
- Arsianti, A., Bahtiar, A., Wangsaputra, V.K., Azizah, N.N., Fachri, W., Nadapdap, L.D., Fajrin, A.M., Tanimoto, H. and Kakiuchi, K. (2020). Phytochemical Composition and Evaluation of Marine Algal *Sargassum polycystum* for Antioxidant Activity and In Vitro Cytotoxicity on Hela Cells. *Pharmacognosy Journal*, 12(1), pp.88–94.
- Choudhary, B., Chauhan, O.P. and Mishra, A. (2021). Edible Seaweeds: A Potential Novel Source of Bioactive Metabolites and Nutraceuticals With Human Health Benefits. *Frontiers in Marine Science*, 8(740054), pp.1–17.
- Costa, M., Cardoso, C., Afonso, C., Bandarra, N.M. and Prates, J.A.M. (2021). Current knowledge and future perspectives of the use of seaweeds for livestock production and meat quality: a systematic review. *Journal of Animal Physiology and Animal Nutrition*, 105(6), pp.1075–1102.
- Dalero, M.D., Gerung, G.S., Ngangi, E.L.A., Lumingas, L.J.L. dan Lasut, M.T. (2019). Kultur In Vitro Rumput Laut *Kappaphycus alvarezii* dengan Formulasi ZPT (Zat Pengatur Tumbuh) dan Wadah yang Berbeda. *Jurnal Ilmiah Platax*, 7(1), pp.274–283.
- Ezward, C., Suliansyah, I., Rozen, N. dan Dwipa, I. (2020). Identifikasi Karakter Vegetatif Beberapa Genotipe Padi Lokal Kabupaten Kuantan Singingi. *Menara Ilmu*, 14(2), pp.12–22.



Fadel, A.H., Gerung, G.S., Suryati, E. and Rumengan, I.F.M. (2013). The effects of stimulant growth hormones on tissue culture of seaweed *Kappaphycus alvarezii* in vitro. *Aquatic Science & Management*, 1, pp.77–84.

Fauziah, S.M. and Laily, A.N. (2015). Identifikasi Mikroalga dari Divisi Chlorophyta di Waduk Sumber Air Jaya Dusun Krebet Kecamatan Bululawang Kabupaten Malang. *Bioedukasi: Jurnal Pendidikan Biologi*, 8(1), pp.20–22.

Forniawan, A., Sujarwanta, A. dan Muhfahroyin, M. (2017). Pengaruh Intensitas Cahaya dan Pupuk Cair LCN Terhadap Produksi Bawang Merah (Eksperimen untuk Bahan Problem Based Learning). *Jurnal Lentera Pendidikan Pusat Penelitian LPPM UM Metro*, 2(2), pp.133–141.

Ichsan, M.C. dan Suroso, B. (2014). Eksplorasi dan Karakterisasi Buah Spesies Kerabat Mangga di Situbondo [ Exploration Andcharacterization Of Relatives Mango Fruit Species In Situbondo ]. *Agritrop Jurnal Ilmu-Ilmu Pertanian*, 12(1), pp.9–13.

Ikenganyia, E.E., Anikwe, M.A.N., Omeje, T.E. and Adinde, J.O. (2017). Plant Tissue Culture Regeneration and Aseptic Techniques. *Asian Journal of Biotechnology and Bioresource Technology*, 1(3), pp.1–6.

K, G. and L, A.S. (2018). Phytochemical Screening and Heavy Metal Analysis of *Ulva reticulata*. *Asian Journal of Pharmaceutical and Clinical Research*, 11(4), pp.84–88.

Khatoon, H., Banerjee, S., Syahiran, M.S., Noordin, N.Bt.M., Bolong, A.M.A. and Endut, A. (2016). Re-use of aquaculture wastewater in cultivating microalgae as live feed for aquaculture organisms. *Desalination and Water Treatment*, 57(60), pp.1–8.

Kolo, S.M.D., Presson, J. dan Amfotis, P. (2021). Produksi Bioetanol sebagai Energi Terbarukan dari Rumput Laut *Ulva reticulata* Asal Pulau Timor. *ALCHEMY Jurnal Penelitian Kimia*, 17(2), pp.159–167.



Kumar, Y., Tarafdar, A. and Badgujar, P.C. (2021). Seaweed as a Source of Natural Antioxidants: Therapeutic Activity and Food Applications. *Journal of Food Quality*, 2021, pp.1–17.

Mitra, I.M.C., Vasquez, R.D., Salonga, R.B. and Corpuz, M.J.-A. (2020). Physicochemical characterization of *Sargassum polystictum* C. Agardh and its activity against dinitrofluorobenzene-induced allergic contact dermatitis in mice. *Jurnal Ilmiah Farmasi*, 16(1), pp.19–30.

Mukaromah, S.L., Prasetyo, J. dan Argo, B.D. (2019). Pengaruh Pemaparan Cahaya LED Merah Biru dan *Sonic Bloom* Terhadap Pertumbuhan dan Produktivitas Tanaman Sawi Sendok (*Brassica rapa* L.). *Jurnal Keteknikan Pertanian Tropis dan Biosistem*, 007(02), pp.185–192.

Nainu, F., Asri, R.M., Djide, M.N., Ahsan, M., Arfiansyah, R., Sartini, S. and Alam, G. (2019). Protective Effect of Green Algae *Ulva reticulata* Against *Pseudomonas aeruginosa* in *Drosophila* Infection Model. *Hayati Journal of Biosciences*, 26(4), pp.163–163.

Nordlund, L.M., Koch, E.W., Barbier, E.B. and Creed, J.C. (2016). Seagrass Ecosystem Services and Their Variability across Genera and Geographical Regions. *PLOS ONE*, 11(10), pp.1–23.

Nurfajri, A.T. dan Nasmia, N. (2022). Penggunaan Pupuk Conway Pada Media Kultur Terhadap Pertumbuhan Bibit Rumput Laut *Eucheuma cottonii*. *Journal of Marine Research*, 12(1), pp.19–26.

Ode, I. (2018). Pertumbuhan Regenerasi Mikropropagul Rumput Laut *Kappaphycus alvarezii* pada Kultur Jaringan dengan Media yang Berbeda. *Agrikan: Jurnal Agribisnis Perikanan*, 11(2), pp.31–37.

Oryza, D., Mahanal, S. dan Sari, M.S. (2017). Identifikasi Rhodophyta Sebagai Bahan Ajar di Perguruan Tinggi. *Jurnal Pendidikan: Teori, Penelitian, dan Pengembangan*, 2(3), pp.309–314.



Panjaitan, R.S., Nizam and Sumantri (2022). Antibacterial Activity of 96% Ethanolic Extract of *Ulva reticulata* Against *Staphylococcus aureus*, *Escherichia coli*, and *Pseudomonas aeruginosa*. *Indonesian Journal of Pharmaceutical Research*, 2(1), pp.13–19.

Riswanti, H.F., Alamsjah, Moch.A. dan Agustono (2013). Pengaruh Medium yang Tercemar Organoklorin (Endosulfan) Terhadap Kandungan Agar dan Morfologi Thallus *Gracilaria verrucosa*. *Jurnal Ilmiah Perikanan dan Kelautan*, 5(1), pp.55–60.

Sahu, N. and Sahoo, D. (2013). Study of Morphology and Agar Contents in Some Important *Gracilaria* Species of Indian Coasts. *American Journal of Plant Sciences*, 4(12), pp.52–59.

Sari, D.I., Suwirmen dan Nasir, N. (2015). Pengaruh Konsentrasi Thidiazuron (TDZ) dan Arang Aktif pada Sub Kultur Tunas Pisang Kepok Hijau (*Musa paradisiaca* L.). *Natural Science: Journal of Science and Technology*, 4(3), pp.280–289.

Setyoaji, M.I., Subehi, M., Susanty dan Nugrahani, R.A. (2019). Pembuatan Natrium Alginat Dari Alga Coklat (Phaeophyta) dan Pengaruh Penambahannya Pada Sifat Antibakterial Sabun Minyak Dedak Padi (Rice Bran Oil). *Jurnal Rekayasa dan Manajemen Agroindustri*, 7(3), pp.370–379.

Subagio dan Kasim, Muh.S.H. (2019). Identifikasi Rumput Laut (Seaweed) di Perairan Pantai Cemara, Jerowaru Lombok Timur Sebagai Bahan Informasi Keanekaragaman Hayati Bagi Masyarakat. *Jurnal Ilmu Sosial dan Pendidikan*, 3(1), pp.308–321.

Susanto, D., Abdullah, A.P.P., Syafrizal dan Susanto, D. (2019). Studi Ragam Morfologi Polen Mangga (*Mangifera* sp.) Di Kecamatan Loa Janan Kabupaten Kutai Kartanegara. *Bioprospek*, 14(1), pp.61–66.

Thomson, S.A., Pyle, R.L., Ahyong, S.T., Alonso-Zarazaga, M., Ammirati, J., Araya, J.F., Ascher, J.S., Audisio, T.L., Azevedo-Santos, V.M., Bailly, N.,



Baker, W.J., Balke, M., Barclay, M.V.L., Barrett, R.L., Benine, R.C., Bickerstaff, J.R.M., Bouchard, P., Bour, R., Bourgoin, T. and Boyko, C.B. (2018). Taxonomy based on science is necessary for global conservation. *PLOS Biology*, 16(3), pp.1–12.

Unnikrishnan, P.S., Animish, A., Madhumitha, G., Suthindhiran, K. and Jayasri, M.A. (2022). Bioactivity Guided Study for the Isolation and Identification of Antidiabetic Compounds from Edible Seaweed—*Ulva reticulata*. *Molecules*, 27(24), pp.1–21.

Wati, N.K.E., Suhendra, L. dan Wartini, N.M. (2020). Karakteristik Kandungan Fukosantin dan Aktivitas Antioksidan Ekstrak Alga Coklat (*Sargassum polycystum*) pada Perlakuan Konsentrasi Pelarut Aseton dan Suhu Maserasi. *Jurnal Rekayasa dan Manajemen Agroindustri*, 8(1), pp.80–90.

Widyartini, D.S., Widodo, P. and Susanto, A.B. (2017). Thallus variation of *Sargassum polycystum* from Central Java, Indonesia. *Biodiversitas Journal of Biological Diversity*, 18(3), pp.1004–1011.

Zikriah, Bachtiar, I. and Japa, L. (2020). The Community of Chlorophyta as Bioindicator of Water Pollution in Pandanduri Dam District of Terara East Lombok. *Jurnal Biologi Tropis*, 20(3), pp.546–555.