

DAFTAR PUSTAKA

- Aerts, L. A. M. 1998. Sponge/Coral Interactions in Caribbean Reefs: Analysis of Overgrowth Patterns in Relation to Species Identity and Cover. *Marine Ecology Progress Series*, **175**: 241-249.
- Aerts, L. A. M. 2000. Dynamics behind Standoff Interactions in Three Reef Sponge Species and the Coral *Montastraea cavernosa*. *Marine Ecology*, **21**(3-4): 191-204.
- Aerts, L. A. M., dan Van Soest, R. W. M. 1997. Quantification of Sponge/Coral Interactions in a Physically Stressed Reef Community, NE Colombia. *Marine Ecology Progress Series*, **148**: 125-134.
- Aini, M., Ain, C., dan Suryanti. 2013. Profil Kandungan Nitrat dan Fosfat pada Polip Karang *Acropora* sp. di Pulau Menjangan Kecil Taman Nasional Karimunjawa. *Management of Aquatic Resources Journal (MAQUARES)*, **2**(4): 118-126.
- Albright, R., Takeshita, Y., Koweek, D. A., Ninokawa, A., Wolfe, K., Rivlin, T., Nebuchina, Y., Young, J., dan Caldeira, K. 2018. Carbon Dioxide Addition to Coral Reef Waters Suppresses Net Community Calcification. *Nature*, **555**: 516-519.
- Alik, R. 2020. Jenis-Jenis Karang di Perairan Teluk Ambon. LIPI Press, Jakarta. 301 hal.
- Arifin, Z., Yulianda, F., dan Imran, Z. 2019. Analisis Keanekaragaman Biota Laut sebagai Daya Tarik Wisata Underwater Macro Photography (UMP) di Perairan Tulamben, Bali. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, **11**(2): 335-346.
- Arnold, S. N., dan Steneck, R. S. 2011. Settling into an Increasingly Hostile World: The Rapidly Closing "Recruitment Window" for Corals. *PLoS ONE*, **6**(12): e28681.
- Ashok, A. M., Calcinai, B., dan Edward, J. K. P. 2020. The Coral-Killing Red Sponge *Clathria (Microcionia) aceratoobtusa* (Porifera: Demospongiae) Invades Various Coral Communities of Gulf of Mannar Marine National Park, Southeast India. *The European Zoological Journal*, **87**(1): 1-11.
- Ávila, E., dan Carballo, J. L. 2009. A Preliminary Assessment of the Invasiveness of the Indo-Pacific Sponge *Chalinula nematifera* on Coral Communities from the Tropical Eastern Pacific. *Biological Invasions*, **11**: 257-264.
- Barott, K., Smith, J., Dinsdale, E., Hatay, M., Sandin, S., dan Rohwer, F. 2009. Hyperspectral and Physiological Analyses of Coral-Algal Interactions. *PLoS ONE*, **4**(11): e8043.

- Bayari, S. H., Şen, E. H., Ide, S., dan Topaloglu, B. 2018. Structural Studies on Demospongiae Sponges from Gökçeada Island in the Northern Aegean Sea. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **192**: 368–377.
- Bell, J. J. 2008. The Functional Roles of Marine Sponges. *Estuarine, Coastal and Shelf Science*, **79**(3): 341–353.
- Bell, J. J., Bennett, H. M., Rovellini, A., dan Webster, N. S. 2018. Sponges to be Winners under Near-Future Climate Scenarios. *BioScience*, **68**(12): 955–968.
- Bell, J. J., Davy, S. K., Jones, T., Taylor, M. W., dan Webster, N. S. 2013. Could Some Coral Reefs Become Sponge Reefs as Our Climate Changes? *Global Change Biology*, **19**(9): 2613–2624.
- Bell, J. J., McGrath, E., Biggerstaff, A., Bates, T., Bennett, H., Marlow, J., dan Shaffer, M. 2015. Sediment Impacts on Marine Sponges. *Marine Pollution Bulletin*, **94**: 5–13.
- Benzoni, F., Calcinai, B., Eisinger, M., dan Klaus, R. 2008. Coral Disease Mimic: Sponge Attacks *Porites lutea* in Yemen. *Coral Reefs*, **27**(3): 695–695.
- Berkelmans, R., dan Van Oppen, M. J. H. 2006. The Role of Zooxanthellae in the Thermal Tolerance of Corals: A 'Nugget of Hope' for Coral Reefs in an Era of Climate Change. *Proceedings of the Royal Society B: Biological Sciences*, **273**(1599): 2305–2312.
- Biggerstaff, A., Smith, D. J., Jompa, J., dan Bell, J. J. 2017. Metabolic Responses of a Phototrophic Sponge to Sedimentation Supports Transitions to Sponge-Dominated Reefs. *Scientific Reports*, **7**: 2725.
- Birrell, C. L., McCook, L. J., dan Willis, B. L. 2005. Effects of Algal Turfs and Sediment on Coral Settlement. *Marine Pollution Bulletin*, **51**: 408–414.
- Bos, A. R., dan Hoeksema, B. W. 2017. Mushroom Corals (Fungiidae) in the Davao Gulf, Philippines, with Records of Associated Fish and Other Cryptofauna. *Raffles Bulletin of Zoology*, **65**: 198–206.
- Boury-Esnault, N., dan Rützler, K. 1997. Thesaurus of Sponge Morphology. *Smithsonian Contributions to Zoology*, **596**: 1–55.
- Brandl, S. J., Rasher, D. B., Côté, I. M., Casey, J. M., Darling, E. S., Lefcheck, J. S., dan Duffy, J. E. 2019. Coral Reef Ecosystem Functioning: Eight Core Processes and the Role of Biodiversity. *Frontiers in Ecology and the Environment*, **17**(8): 445–454.
- Brandt, M. E., Olinger, L. K., Chaves-Fonnegra, A., Olson, J. B., dan Gochfeld, D. J. 2019. Coral Recruitment is Impacted by the Presence of a Sponge Community. *Marine Biology*, **166**(4), 49.

- Chadwick, N. E., dan Morrow, K. M. 2011. Competition Among Sessile Organisms on Coral Reefs. In *Coral Reefs: An Ecosystem in Transition* (pp. 347–371). Springer, Netherlands.
- Chaves-Fonnegra, A., Castellanos, L., Zea, S., Duque, C., Rodríguez, J., dan Jiménez, C. 2008. Clionapyrrolidine A – A Metabolite from the Encrusting and Excavating Sponge *Cliona tenuis* that Kills Coral Tissue upon Contact. *Journal of Chemical Ecology*, **34**(12): 1565–1574.
- Chaves-Fonnegra, A., dan Zea, S. 2011. Coral Colonization by the Encrusting Excavating Caribbean Sponge *Cliona delitrix*. *Marine Ecology*, **32**: 162–173.
- Coker, D. J., Pratchett, M. S., dan Munday, P. L. 2009. Coral Bleaching and Habitat Degradation Increase Susceptibility to Predation for Coral-Dwelling Fishes. *Behavioral Ecology*, **20**(6): 1204–1210.
- Coppock, A. G., Kingsford, M. J., Battershill, C. N., dan Jones, G. P. 2022. Significance of Fish–Sponge Interactions in Coral Reef Ecosystems. *Coral Reefs*, **41**: 1285–1308.
- Cruz-Barraza, J. A., dan Carballo, J. L. 2008. Taxonomy of Sponges (Porifera) Associated with Corals from the Mexican Pacific Ocean. *Zoological Studies*, **47**(6): 741–758.
- Curran, A., dan Barnard, S. 2021. What is the Role of Zooxanthellae During Coral Bleaching? Review of Zooxanthellae and Their Response to Environmental Stress. *South African Journal of Science*, **117**(7/8).
- Darumas, U., Phasombun, S., dan Puttapreecha, R. 2020. Patterns of Association between Marine Sponges and the Associated Organisms: Case Study, Losin Island, Pattani, Thailand. *Walailak Journal of Science and Technology (WJST)*, **17**(6): 514–528.
- De Voogd, N. J., Alvarez, B., Boury-Esnault, N., Cárdenas, P., Díaz, M. C., Dohrmann, M., Downey, R., Goodwin, C., Hajdu, E., Hooper, J. N. A., Kelly, M., Klautau, M., Lim, S. C., Manconi, R., Morrow, C., Pinheiro, U., Pisera, A. B., Ríos, P., Rützler, K., ... Xavier, J. 2023. World Porifera Database. Diakses pada 10 Januari 2024. <https://www.marinespecies.org/porifera>.
- De Voogd, N. J., Becking, L. E., Hoeksema, B. W., Noor, A., dan Van Soest, R. W. M. 2004. Sponge Interactions with Spatial Competitors in the Spermonde Archipelago. *Bollettino Dei Musei e Degli Istituti Biologici Dell'Università Di Genova*, **68**: 253–261.
- Dewi, C. S. U., Sukandar, dan Harsindhi, C. J. 2018. Karang dan Ikan Terumbu Pulau Bawean. Universitas Brawijaya Press, Malang.

- Díaz, M. C., Nuttall, M., Pomponi, S. A., Rützler, K., Klontz, S., Adams, C., Hickerson, E. L., dan Schmahl, G. P. 2023. An Annotated and Illustrated Identification Guide to Common Mesophotic Reef Sponges (Porifera, Demospongiae, Hexactinellida, and Homoscleromorpha) Inhabiting Flower Garden Banks National Marine Sanctuary and Vicinities. *ZooKeys*, **1161**: 1–68.
- Díez-Vives, C., Koutsouveli, V., Conejero, M., dan Riesgo, A. 2022. Global Patterns in Symbiont Selection and Transmission Strategies in Sponges. *Frontiers in Ecology and Evolution*, **10**: 1015592.
- Dinas Pariwisata Provinsi Bali. 2018. Buku Statistik Wisman Tahun 2018. Dinas Pariwisata Provinsi Bali, Bali. 54 hal.
- El-Bawab, F. 2020. Chapter 4 – Phylum Porifera. In *Invertebrate Embryology and Reproduction* (pp. 106–169). Elsevier.
- Elliott, J., Patterson, M., Summers, N., Miteranique, C., Montocchio, E., dan Vitry, E. 2016. How Does the Proliferation of the Coral-Killing Sponge *Terpios hoshinota* Affect Benthic Community Structure on Coral Reefs? *Coral Reefs*, **35**(3): 1083–1095.
- Elliott, J., Patterson, M., Vitry, E., Summers, N., dan Miteranique, C. 2016. Morphological Plasticity Allows Coral to Actively Overgrow the Aggressive Sponge *Terpios hoshinota* (Mauritius, Southwestern Indian Ocean). *Marine Biodiversity*, **46**(2): 489–493.
- English, S., Wilkinson, C., dan Baker, V. 1994. Survey Manual for Tropical Marine Resources. ASEAN – Australia Marine Science Project Living Coastal Resources, Australia.
- English, S., Wilkinson, C., dan Baker, V. 1997. Survey Manual for Tropical Marine Resources 2nd Edition. Australia Institute of Marine Science, Townsville. 408 p.
- Fachrul, M. F. 2007. Metode Sampling Bioekologi. Bumi Aksara, Jakarta. 206 hal.
- Fromont, J., Richards, Z. T., dan Wilson, N. G. 2019. First Report of the Coral-Killing Sponge *Terpios hoshinota* Rützler and Muzik, 1993 in Western Australia: A New Threat to Kimberley Coral Reefs? *Diversity*, **11**(10): 184.
- Fujii, T., Keshavmurthy, S., Zhou, W., Hirose, E., Chen, C. A., dan Reimer, J. D. 2011. Coral-Killing Cyanobacteriosponge (*Terpios hoshinota*) on the Great Barrier Reef. *Coral Reefs*, **30**: 483.
- Gazave, E., Lapébie, P., Ereskovsky, A. V., Vacelet, J., Renard, E., Cárdenas, P., dan Borchiellini, C. 2012. No Longer Demospongiae: Homoscleromorpha Formal Nomination as a Fourth Class of Porifera. *Hydrobiologia*, **687**(1): 3–10.

- Ghufran, M., dan Kordi, K. M. 2010. Ekosistem Terumbu Karang. PT. Rineka Cipta, Jakarta. 189 hal.
- Gilmour, J. 1999. Experimental Investigation into the Effects of Suspended Sediment on Fertilisation, Larval Survival, and Settlement in a Scleractinian Coral. *Marine Biology*, **135**: 451–462.
- Giyanto, Abrar, M., Hadi, T. A., Budiyo, A., Hafizt, M., Salatalohy, A., dan Iswari, M. Y. 2017. Status Terumbu Karang Indonesia 2017 (Suharsono, Ed.). Pusat Penelitian Oseanografi - Lembaga Ilmu Pengetahuan Indonesia, Jakarta. 42 hal.
- González-Murcia, S., Ekins, M., Bridge, T. C. L., Battershill, C. N., dan Jones, G. P. 2023. Substratum Selection in Coral Reef Sponges and Their Interactions with Other Benthic Organisms. *Coral Reefs*, **42**: 427–442.
- Guntur, Luthfi, O. M., Isdianto, A., Putri, B. M., Haykal, M. F., dan Abdillah, P. M. 2021. Ekosistem Terumbu Karang. CV. Embrio Publisher, Sidoarjo. 192 hal.
- Guntur, Sambah, A. B., dan Jaziri, A. A. 2018. Rehabilitasi Terumbu Karang. UB Press, Malang. 119 hal.
- Gustafsson, M. S. M., Baird, M. E., dan Ralph, P. J. 2013. The Interchangeability of Autotrophic and Heterotrophic Nitrogen Sources in Scleractinian Coral Symbiotic Relationships: A Numerical Study. *Ecological Modelling*, **250**: 183–194.
- Hadi, T. A., Hadiyanto, Budiyo, A., Wentao, N., dan Suharsono. 2015. The Morphological and Species Diversity of Sponges in Coral Reef Ecosystem in the Lembeh Strait, Bitung. *Marine Research in Indonesia*, **40**(2): 61–72.
- Haedar, Sadarun, B., dan Palupi, R. D. 2016. Potensi Keanekaragaman Jenis dan Sebaran Spons di Perairan Pulau Saponda Laut Kabupaten Konawe. *Sapa Laut*, **1**(1): 1–9.
- Hall, C. M. 2001. Trends in Ocean and Coastal Tourism: The End of the Last Frontier? *Ocean and Coastal Management*, **44**(9–10): 601–618.
- Haris, A., dan Jompa, J. 2021. Spons. LILY Publisher, Yogyakarta.
- Helber, S. B., Hoeijmakers, D. J. J., Muhandu, C. A., Rohde, S., dan Schupp, P. J. 2018. Sponge Chemical Defenses are a Possible Mechanism for Increasing Sponge Abundance on Reefs in Zanzibar. *PLoS ONE*, **13**(6): e0197617.
- Hernández-Ballesteros, L. M., Elizalde-Rendón, E. M., Carballo, J. L., dan Carricart-Ganivet, J. P. 2013. Sponge Bioerosion on Reef-Building Corals: Dependent on the Environment or on Skeletal Density? *Journal of Experimental Marine Biology and Ecology*, **441**: 23–27.

- Hikmawati, F. 2020. Metodologi Penelitian. PT. RajaGrafindo Persada, Depok. 244 hal.
- Hirose, E., dan Murakami, A. 2011. Microscopic Anatomy and Pigment Characterization of Coral-Encrusting Black Sponge with Cyanobacterial Symbiont, *Terpios hoshinota*. *Zoological Science*, **28**(3): 199–205.
- Hoegh-Guldberg, O. 2011. The Impact of Climate Change on Coral Reef Ecosystems. In Z. Dubinsky dan N. Stambler (Eds.), *Coral Reefs: An Ecosystem in Transition* (pp. 391–403). Springer.
- Hooper, J. N. A. 2003. "Sponguide" Guide to Sponge Collection and Identification. Queensland Museum, Australia. 26 p.
- Hooper, J. N. A., dan Van Soest, R. W. M. 2002. *Systema Porifera: A Guide to the Classification of Sponges*, Kluwer Academic/Plenum Publishers, New York, Boston, Dordrecht, London, Moscow.
- Hughes, T. P., Kerry, J. T., Álvarez-Noriega, M., Álvarez-Romero, J. G., Anderson, K. D., Baird, A. H., Babcock, R. C., Beger, M., Bellwood, D. R., Berkelmans, R., Bridge, T. C., Butler, I. R., Byrne, M., Cantin, N. E., Comeau, S., Connolly, S. R., Cumming, G. S., Dalton, S. J., Diaz-Pulido, G., ... Wilson, S. K. 2017. Global Warming and Recurrent Mass Bleaching of Corals. *Nature*, **543**(7645): 373–377.
- Idris, dan Fadillah. 2012. *Guide Book Pengenalan Karang Keras yang diperdagangkan*. Kementerian Kelautan dan Perikanan, Jakarta. 89 hal.
- Irwin, A., Greer, L., Humston, R., Devlin-Durante, M., Cabe, P., Lescinsky, H., Wirth, K., Curran, H. A., dan Baums, I. B. 2017. Age and Intraspecific Diversity of Resilient *Acropora* Communities in Belize. *Coral Reefs*, **36**: 1111–1120.
- Jogee, S. Y., Jeetun, S., Ricot, M., Taleb-Hossenkhan, N., Mattan-Moorgawa, S., Kaullysing, D., Riemann, P., Blanc, L., Casareto, B. E., Suzuki, Y., dan Bhagooli, R. 2023. Photo-Physiology of Healthy-Looking and Diseased/Health-Compromised Hard Corals from Mauritius Island, Western Indian Ocean. *Indo Pacific Journal of Ocean Life*, **7**(1): 27–37.
- Kelley, R. 2009. *The Australian Coral Reef Society Coral Finder, Indo-Pacific*. BYO Guides, Townsville.
- Ladd, M. C., Shantz, A. A., dan Burkepile, D. E. 2019. Newly Dominant Benthic Invertebrates Reshape Competitive Networks on Contemporary Caribbean Reefs. *Coral Reefs*, **38**: 1317–1328.
- Laurans, Y., Pascal, N., Binet, T., Brander, L., Clua, E., David, G., Rojat, D., dan Seidl, A. 2013. Economic Valuation of Ecosystem Services from Coral

- Reefs in the South Pacific: Taking Stock of Recent Experience. *Journal of Environmental Management*, **116**: 135–144.
- Leys, S. P., Mackie, G. O., dan Reiswig, H. M. 2007. The Biology of Glass Sponges. In *Advances in Marine Biology* (Vol. 52, pp. 1–145). Elsevier.
- Lukowiak, M., Van Soest, R., Klautau, M., Pérez, T., Pisera, A., dan Tabachnick, K. 2022. The Terminology of Sponge Spicules. *Journal of Morphology*, **283**(12): 1517–1545.
- Maldonado, M., dan Riesgo, A. 2008. Reproduction in the Phylum Porifera: A Synoptic Overview. *Biologia de La Reproducció*, **59**: 29–49.
- Manconi, R., dan Pronzato, R. 2015. Chapter 8 – Phylum Porifera. In Thorp and Covich's *Freshwater Invertebrates* (4th Edition, pp. 133–157). Elsevier.
- Manuel, M. 2006. Phylogeny and Evolution of Calcareous Sponges. *Canadian Journal of Zoology*, **84**(2): 225–241.
- Marchel, Zahida, F., dan Yuda, I. P. 2021. Keanekaragaman dan Kelimpahan Nudibranchia di Perairan Tulamben, Bali. *Jurnal Moluska Indonesia*, **5**(1): 34–41.
- Marzuki, I. 2018. Eksplorasi Spons Indonesia: Seputar Kepulauan Spermonde. Nas Media Pustaka, Makassar. 236 hal.
- Meesters, E. H., Wesseling, I., dan Bak, R. P. M. 1996. Partial Mortality in Three Species of Reef-Building Corals and The Relation with Colony Morphology. *Bulletin of Marine Science*, **58**(3): 838–852.
- Mohan, P. M., dan Kumari, R. K. 2008. Chapter 26 – Conservation of Coral Reef Environment: Perspectives for Tropical Islands. In C. Sivaperuman, A. Velmurugan, A. K. Singh, dan I. Jaisankar (Eds.), *Biodiversity and Climate Change Adaptation in Tropical Islands* (pp. 725–744). Academic Press.
- Mustika, P. L. K., Ratha, I. M. J., dan Purwanto, S. 2012. Kajian Cepat Kondisi Kelautan Provinsi Bali 2011. RAP Buletin Kajian Biologi, Denpasar. 160 hal.
- Nugraha, M. A., Zamani, N. P., dan Madduppa, H. H. 2020. Growth Rate, Spatial-Temporal Variation, and Prevalence of the Encrusting Cyanosponge (*Terpios hoshinota*) in Seribu Islands, Jakarta. *Jurnal Ilmu dan Teknologi Kelautan Tropis*, **12**(3): 761–778.
- Obura, D., dan Grimsditch, G. 2009. Resilience Assessment of Coral Reefs: Assessment Protocol for Coral Reefs, Focusing on Coral Bleaching and Thermal Stress. IUCN, Gland, Switzerland. 73 p.

- Palupi, R. D., dan Rahmadani, R. 2018. Keanekaragaman Juvenil Karang Batu (Ordo Scleractinia) di Perairan Sulawesi Tenggara Indonesia. *JSIPi (Jurnal Sains dan Inovasi Perikanan) (Journal of Fishery Science and Innovation)*, **2**(1): 15-19.
- Papu, A. 2011. Kondisi Tutupan Karang Pulau Kapoposang, Kabupaten Pangkajene Kepulauan, Provinsi Sulawesi Selatan. *Jurnal Ilmiah Sains*, **11**(1): 6-12.
- Pawlik, J. R. 1998. Coral Reef Sponges: Do Predatory Fishes Affect Their Distribution? *Limnology and Oceanography*, **43**(6): 1396-1399.
- Pawlik, J. R. 2011. The Chemical Ecology of Sponges on Caribbean Reefs: Natural Products Shape Natural Systems. *BioScience*, **61**(11): 888-898.
- Pawlik, J. R., dan McMurray, S. E. 2020. The Emerging Ecological and Biogeochemical Importance of Sponges on Coral Reefs. *Annual Review of Marine Science*, **12**: 315-337.
- Pawlik, J. R., Steindler, L., Henkel, T. P., Beer, S., dan Ilan, M. 2007. Chemical Warfare on Coral Reefs: Sponge Metabolites Differentially Affect Coral Symbiosis in Situ. *Limnology and Oceanography*, **52**(2): 907-911.
- Pineda-Munive, E. M., García-Urueña, R. D. P., dan Zea, S. 2017. Acropora Coral Colonies as Microhabitats for Sponges in Tayrona National Natural Park, Colombian Caribbean. *Marine Ecology*, **38**(1): e12380.
- Pisapia, C., Burn, D., dan Pratchett, M. S. 2019. Changes in the Population and Community Structure of Corals During Recent Disturbances (February 2016 - October 2017) on Maldivian Coral Reefs. *Scientific Reports*, **9**: 8402.
- Ponti, M., Fratangeli, F., Dondi, N., Segre Reinach, M., Serra, C., dan Sweet, M. J. 2016. Baseline Reef Health Surveys at Bangka Island (North Sulawesi, Indonesia) Reveal New Threats. *PeerJ*, **4**: e2614.
- Porter, J. W., dan Tougas, J. I. 2001. Reef Ecosystems: Threats to their Biodiversity. In *Encyclopedia of Biodiversity* (Vol. 5, pp. 73-95). Elsevier.
- Powell, A., Smith, D. J., Hepburn, L. J., Jones, T., Berman, J., Jompa, J., dan Bell, J. J. 2014. Reduced Diversity and High Sponge Abundance on a Sedimented Indo-Pacific Reef System: Implications for Future Changes in Environmental Quality. *PLoS ONE*, **9**(1): e85253.
- Prasetia, I. N. D., dan Wisnawa, I. G. Y. 2015. Struktur Komunitas Terumbu Karang di Pesisir Kecamatan Buleleng Singaraja. *Jurnal Sains dan Teknologi*, **4**(2).
- Pratama, G. I. P., Hendrawan, I. G., Gede Astawa Karang, I. W., dan Chappuis, A. 2020. Karakteristik Vertikal Salinitas dan TDS di Perairan Amed dan

- Tulamben, Karangasem, Bali. *Journal of Marine Research and Technology*, **3**(1): 47.
- Quang, T. M. 2020. Morphology, Abundance, and the Invasiveness of Coral-Killing Sponge *Chalinula nematifera* (Porifera: Demospongiae) from Con Dao National Park, Vietnam. *Vietnam Journal of Marine Science and Technology*, **20**(4A): 95–103.
- Rahmat, M.I. Yosephine, T. H., dan Giyanto. 2001. Manual Lifeform 5.1: Lifeform Program Research and Development Centre for Oceanology, Coral Reef Ecosystem. CRITC COREMAP LIPI, Jakarta. 32 hal.
- Raj, K. D., Bharath, M. S., Mathews, G., Aeby, G. S., dan Edward, J. K. P. 2018. Coral-Killing Sponge *Terpios hoshinota* Invades the Corals of Gulf of Mannar, Southeast India. *Current Science*, **114**(05): 1117–1119.
- Raymundo, L. J., Couch, C. S., dan Harvell, C. D. 2008. Coral Disease Handbook Guidelines for Assessment, Monitoring and Management. Coral Reef Targeted Research and Capacity Building for Management Program, The University of Queensland, Australia. 124 p.
- Reimer, J. D., Mizuyama, M., Nakano, M., Fujii, T., dan Hirose, E. 2011. Current Status of the Distribution of the Coral-Encrusting Cyanobacteriosponge *Terpios hoshinota* in Southern Japan. *Galaxea, Journal of Coral Reef Studies*, **13**(1): 35–44.
- Reiswig, H. M. 2002. Class Hexactinellida Schmidt, 1870. In J. N. A. Hooper, R. W. M. Van Soest, dan P. Willenz (Eds.), *Systema Porifera* (pp. 1201–1210). Springer.
- Reiswig, H. M. 2004. Hexactinellida After 132 Years of Study – What’s New? *Bollettino Dei Musei e Degli Istituti Biologici Dell’Universita Di Genova*, **68**: 71–84.
- Renard, E., Gazave, E., Fierro-Constain, L., Schenkelaars, Q., Ereskovsky, A., Vacelet, J., dan Borchiellini, C. 2013. Porifera (Sponges): Recent Knowledge and New Perspectives. In John Wiley & Sons, Ltd (Ed.), *ELS* (1st ed.). Wiley.
- Ridwan, N. N. H., Husrin, S., Kusumah, G., A, I., Putra, A., dan Sofyan, H. 2014. The Vulnerability Assessment on USAT Liberty Underwater Heritage, Tulamben Bali, to Changes in the Physical Environment. Badan Penelitian dan Pengembangan Kelautan dan Perikanan. 12 hal.
- Rogers, C. S. 1990. Responses of Coral Reefs and Reef Organisms to Sedimentation. *Marine Ecology Progress Series*, **62**: 185–202.
- Rossi, G., Montori, S., Cerrano, C., dan Calcinai, B. 2015. The Coral-Killing Sponge *Chalinula nematifera* (Porifera: Haplosclerida) Along the Eastern

- Coast of Sulawesi Island (Indonesia). *Italian Journal of Zoology*, **82**(1): 143–148.
- Rowlett, J. 2020. Indo-Pacific Corals. Independently Published.
- Rützler, K., dan Muzik, K. 1993. *Terpios hoshinota*, A New Cyanobacteriosponge Threatening Pacific Reefs. *Scientia Marina*, **57**(4): 395–403.
- Sadili, D., Sarmintohadi, Ramli, I., Rasdiana, H., Sari, R. P., Miasto, Y., Prabowo, Monintja, M., Tery, N., dan Annisa, S. 2015. Pedoman Rehabilitasi Terumbu Karang (Scleractinia). Direktorat Konservasi dan Keanekaragaman Hayati Laut-Direktorat Jenderal Pengelolaan Ruang Laut Kementerian Kelautan dan Perikanan, Jakarta. 88 hal.
- Samiei, J. V., Dab, K., Ghezellou, P., dan Shirvani, A. 2013. Some Scleractinian Corals (Scleractinia: Anthozoa) of Larak Island, Persian Gulf. *Zootaxa*, **3636**(1): 101–143.
- Sari, F., Widyorini, N., dan Sabdaningsih, A. 2021. Isolasi dan Identifikasi dengan Gen 16S rRNA dari Bakteri Asosiasi Spons Kelas Demospongiae di Perairan Tulamben Bali. *Jurnal Pasir Laut*, **5**(2): 110–118.
- Sari, N. A. P., Putra, I. D. N. N., dan Dirgayusa, I. G. N. P. 2017. Kajian Kesesuaian Wisata Selam dan Snorkeling di Perairan Tulamben, Karangasem, Bali. *Journal of Marine and Aquatic Sciences*, **3**(1): 99–114.
- Setiawan, E., Relex, D., dan Marshall, D. J. 2021. Shallow-Water Sponges from a High-Sedimentation Estuarine Bay (Brunei, Northwest Borneo, Southeast Asia). *Journal of Tropical Biodiversity and Biotechnology*, **6**(3): 66435.
- Setiawan, E., Yanuar, A., Hermanto, M. E., Riani, C., Prayogo, F. A., dan Budiharjo, A. 2023. Revisit Study of Freshwater Sponges *Eunapius carteri* (Bowerbank, 1863) and a New Record of *Oncosclera asiatica* Manconi and Ruengsawang, 2012 (Porifera: Spongillida) in Porong River, East Java, Indonesia. *HAYATI Journal of Biosciences*, **30**(2): 232–245.
- Shi, Q., Liu, G. H., Yan, H. Q., dan Zhang, H. L. 2012. Black Disease (*Terpios hoshinota*): A Probable Cause for the Rapid Coral Mortality at the Northern Reef of Yongxing Island in the South China Sea. *AMBIO*, **41**(5): 446–455.
- Shlesinger, T., dan Loya, Y. 2018. Mass Medusae Release and Temporal Reproductive Segregation Among the Three Red Sea Fire Coral Species. *Ecology*, **100**(4): 1–3.
- Sreenath, K. R., Alvin, A., Aju, K. R., Jasmine, S., Sreeram, M. P., Ranjith, L., dan Joshi, K. K. 2021. An Extensive Monospecific Stand of Blue Coral *Heliopora coerulea* (Pallas, 1766) in the Chetlat Atoll of Lakshadweep Archipelago. *Indian Journal of Geo-Marine Sciences*, **50**(9): 759–761.

- Stuart-Smith, R. D., Brown, C. J., Ceccarelli, D. M., dan Edgar, G. J. 2018. Ecosystem Restructuring Along the Great Barrier Reef Following Mass Coral Bleaching. *Nature*, **560**: 92–96.
- Subhan, B., Madduppa, H. H., Arafat, D., Himawan, M. R., Ramadhana, H. C., Pasaribu, R. A., Bramandito, A., Khairudi, D., dan Panggarbesi, M. I. 2014. Kehidupan Laut Tropis Tulamben. IPB Press, Bogor. 144 hal.
- Suharsono. 2008. Jenis-Jenis Karang di Indonesia. LIPI Press, Jakarta. 382 hal.
- Sukmara, A., Siahainenia, A. J., dan Rotinsulu, C. 2001. Panduan Pemantauan Terumbu Karang Berbasis-Masyarakat dengan Metode Manta Tow. Proyek Pesisir CRMP Indonesia, Jakarta. 56 hal.
- Supriharyono. 2004. Growth Rates of the Massive Coral *Porites lutea* Edward and Haime, on the Coast of Bontang, East Kalimantan, Indonesia. *Journal of Coastal Development*, **7**(3): 143–155.
- Supriyono, D. 2019. Terumbu Karang. ALPRIN, Semarang.
- Suwandi, E. 2022. Metodologi Penelitian. PT. Scifintech Andrew Wijaya, Jakarta.
- Svensson, J. R., dan Marshall, D. J. 2015. Limiting Resources in Sessile Systems: Food Enhances Diversity and Growth of Suspension Feeders Despite Available Space. *Ecology*, **96**(3), 819–827.
- Syue, S. T., Hsu, C. H., dan Soong, K. 2021. Testing of How and Why the *Terpios hoshinota* Sponge Kills Stony Corals. *Scientific Reports*, **11**(1): 7661.
- Taylor, M. W., Radax, R., Steger, D., dan Wagner, M. 2007. Sponge-Associated Microorganisms: Evolution, Ecology, and Biotechnological Potential. *Microbiology and Molecular Biology Reviews*, **71**(2): 295–347.
- Theodurrus, T. F., Baharuddin, A., dan Putra, B. A. 2021. Peran Conservation International (CI) terhadap Konservasi Perairan di Bali (Studi Kasus: Desa Tulamben, Bali). *Hasanuddin Journal of International Affairs*, **1**(2): 154–171.
- Turicchia, E., Hoeksema, B. W., dan Ponti, M. 2018. The Coral-Killing Sponge *Chalinula nematifera* as a Common Substrate Generalist in Komodo National Park, Indonesia. *Marine Biology Research*, **14**(8): 827–833.
- Uriz, M. J. 2006. Mineral Skeletogenesis in Sponges. *Canadian Journal of Zoology*, **84**(2): 322–356.
- Usher, K. M. 2008. The Ecology and Phylogeny of Cyanobacterial Symbionts in Sponges. *Marine Ecology*, **29**: 178–192.
- Utami, R. T., Zamani, N. P., dan Madduppa, H. H. 2018. Molecular Identification, Abundance, and Distribution of the Coral-Killing Sponge *Terpios hoshinota*

- in Bengkulu and Seribu Islands, Indonesia. *Biodiversitas Journal of Biological Diversity*, **19**(6): 2238–2246.
- Van Der Ent, E., Hoeksema, B. W., dan De Voogd, N. J. 2016. Abundance and Genetic Variation of the Coral-Killing Cyanobacteriosponge *Terpios hoshinota* in the Spermonde Archipelago, SW Sulawesi, Indonesia. *Journal of the Marine Biological Association of the United Kingdom*, **96**(2): 453–463.
- Van Soest, R. W. M., Boury-Esnault, N., Vacelet, J., Dohrmann, M., Erpenbeck, D., De Voogd, N. J., Santodomingo, N., Vanhoorne, B., Kelly, M., dan Hooper, J. N. A. 2012. Global Diversity of Sponges (Porifera). *PLoS ONE*, **7**(4): e35105.
- Veron, J. E. N. 2011. Corals: Biology, Skeletal Deposition, and Reef-Building. In *Encyclopedia of Modern Coral Reefs*. Springer.
- Veron, J. E. N., dan Stafford-Smith, M. 2000. *Corals of the World*. Australian Institute of Marine Science, Townsville.
- Wang, J. T., Chen, Y. Y., Meng, P. J., Sune, Y. H., Hsu, C. M., Wei, K. Y., dan Chen, C. A. 2012. Diverse Interactions between Corals and the Coral-Killing Sponge, *Terpios hoshinota* (Suberitidae: Hadromerida). *Zoological Studies*, **51**(2): 150–159.
- Widhi, R. N., Supriharyono, dan Purnomo, P. W. 2019. Depth Influence on the Zooxanthellae Abundance and Primary Productivity of Branching and Massive Corals on Bama Beach Baluran National Park. *International Journal of Oceans and Oceanography*, **13**(1): 153–166.
- Wörheide, G., Dohrmann, M., Erpenbeck, D., Larroux, C., Maldonado, M., Voigt, O., Borchellini, C., dan Lavrov, D. V. 2012. Deep Phylogeny and Evolution of Sponges (Phylum Porifera). In *Advances in Marine Biology* (Vol. 61, pp. 1–78). Elsevier.
- Wulff, J. 2012. Ecological Interactions and the Distribution, Abundance, and Diversity of Sponges. In *Advances in Marine Biology* (Vol. 61, pp. 273–344). Elsevier.
- Zurba, N. 2019. *Pengenalan Terumbu Karang, Sebagai Pondasi Utama Laut Kita*. Unimal Press, Lhokseumawe. 128 hal.