

DAFTAR PUSTAKA

- Abele, L.G. Kim, W. 1986. An Illustrated Marine Decapod Crustacea of Florida. Technical Series 8(1): 1–760.
- Ahyong, S.T. Windsor, A.M. 2013. *Hyastenus* Baru, a New Species of Spider Crab from Indonesia (Brachyura, Majoidea, Epialtidae) with a Key to the Species of *Hyastenus*. *Crustaceana* 86(6): 718–27. DOI:10.1163/15685403-00003202.
- Al-Kandari, M. Anker, A. Hussain, S. Al-yassen, S. Sattari, Z. Grave, S.D.E. 2020. New Records of Decapod Crustaceans from Kuwait (Malacostraca: Decapoda). *Zootaxa* 4803(2): 251–80. DOI:10.11646/zootaxa.4803.2.2.
- Amer, M.A. Naruse, T. Reimer, J.D. 2022. Morphological and Molecular Investigation of Some Xanthid Crabs from the Egyptian Coast of the Red Sea. *Thalassas* 39: 273–86. DOI:10.1007/s41208-022-00510-9.
- Anggraeni, P. Elfidasari, D. Pratiwi, R. 2015. Sebaran Kepiting (Brachyura) Di Pulau Tikus, Gugusan Pulau Pari, Kepulauan Seribu Brachyuran Crab Distribution in Tikus Island, Pari Island Group, Seribu Islands. In *Pros Sem Nas Masy Biodiv Indon*, , 213–21. DOI:10.13057/psnmbi.
- Anker, A. Grave, S.D. 2016. An Updated and Annotated Checklist of Marine and Brackish Caridean Shrimps of Singapore (Crustacea , Decapoda). *Raffles Bulletin of Zoology* 7600(34): 343–454.
- Atmaja, PSP Santoso, P Putra, MGA Muhammad, F Lestariningsih, WA Subhan, B Madduppa, HH. 2023. What Lies Inside a Dead Coral: Diversity of Reef-Associated Cryptic Crustacean (Crabs: Anomura and Brachyura) from Different Habitat Characteristics in Tidung Islands, Indonesia. *Jurnal Ilmiah Perikanan dan Kelautan* 15(1): 71–83. DOI:10.20473/jipk.v15i1.37679.
- Baba, K. Fujita, Y. 2008. Squat Lobsters of the Genus *Galathea* (Decapoda: Anomura: Galatheididae) Associated with Comatulid Crinoids from the Ryukyu Islands, Japan. *Crustacean Research* (37): 43–62. DOI:10.18353/crustacea.37.0_43.
- Banner, A.H. Banner, D.M. 1983. 158 Travaux Et Documents De L'orstom An Annotated Checklist of the Alpheid Shrimp from the Western Indian Ocean.
- Banner, D.M. Banner, A.H. 1975. The Alpheid Shrimp of Australia. Part 2: The Genus *Synalpheus*. *Records of the Australian Museum* 29(12): 267–389. DOI:10.3853/j.0067-1975.29.1975.389.
- Banner, D.M. Banner, A.H. 1985. The Alpheid Shrimp of Indonesia, Based upon J. G. De Man's "The Decapoda of the Siboga Expedition, Part II, Family Alpheidae." (1911). *Marine Research in Indonesia* 25: 1–79. <http://mrijournal.or.id/index.php/MRI/article/view/189/pdf>.
- Becker, J.H. Grutter, A.S. 2004. Cleaner Shrimp Do Clean. *Coral Reefs* 23(4): 515–20. DOI:10.1007/s00338-004-0429-3.
- Bellwood, D.R. Renema, W. Rosen, B.R. 2012. Biotic Evolution and Environmental

- Change in Southeast Asia Biodiversity Hotspots, Evolution and Coral Reef Biogeography: DOI:10.1017/cbo9780511735882.011.
- Borradaile, L.A. 1898. A Revision of the Pontoniidae. The Annals and Magazine of Natural History, ser. 7 2: 376–91.
- Bruce, A.J. 1974. Observations upon Some Specimens of the Genus *Periclimenaeus* Borradaile (Decapoda Natantia, Pontoniinae) Originally Described by G. Nobili. Bulletin du Muséum national d'histoire naturelle 258(180): 1557–83. DOI:10.5962/p.279017.
- Calman, W.T. 1909. On Decapod Crustacea from Christmas Island, Collected by Dr. C. W. Andrews, F.R.S., F.Z.S. Proceedings of the Zoological Society of London 1909(3): 703–14.
- Catano, L.B. Rojas, M.C. Malossi, R.J. Peters, J.R. Heithaus, M.R. Fourqurean, J.W. Burkepile, D.E. 2016. Reefscapes of Fear: Predation Risk and Reef Heterogeneity Interact to Shape Herbivore Foraging Behaviour. Journal of Animal Ecology 85(1): 146–56. DOI:10.1111/1365-2656.12440.
- Chia, D.G.B. Ng, P.K.L. 1998. A Revision of *Ceratocarcinus* White, 1847, and *Harrovia* Adams & White, 1849 (Crustacea: Decapoda: Brachyura: Eumedonidae), Two Genera of Crabs Symbiotic with Crinoids. Raffles Bulletin of Zoology 46(2): 493–563.
- Clark, P.F. Galil, B.S. 1993. 27 Journal of Natural History A Revision of the Xanthid Genus *Pilodius* Dana, 1851 (Crustacea: Brachyura: Xanthoidea). DOI:10.1080/00222939300770691.
- Cleary, D.F.R. Becking, L.E. De Voogd, N.J. Renema, W. De Beer, M. Van Soest, R.W.M. Hoeksema, B.W. 2005. Variation in the Diversity and Composition of Benthic Taxa as a Function of Distance Offshore, Depth and Exposure in the Spermonde Archipelago, Indonesia. Estuarine, Coastal and Shelf Science 65(3): 557–70. DOI:10.1016/j.ecss.2005.06.025.
- Colin, P.L. Arneson, C. 1995. Tropical Pacific Invertebrates : A Field Guide to the Marine Invertebrates Occurring on Tropical Pacific Coral Reefs, Seagrass Beds and Mangroves. Coral Reef Press, California, USA.
- Coutière, H. 1905. University Press Les Alpheidae. In: Gardiner, J.S., The Fauna and Geography of the Maldive and Laccadive Archipelagoes. Being the Account of the Work Carried on and of the Collections Made by an Expedition during the Years 1899 and 1900. University Press, Cambridge. DOI:10.1038/065514a0.
- David, R. Uyarra, M.C. Carvalho, S. Anlauf, H. Borja, A. Cahill, A.E. Carugati, L. Danovaro, R. De Jode, A. Feral, J.P. Guillemain, D. Martire, M.L. D'Avray, L.T.D.V. Pearman, J.K. Chenuil, A. 2019. Lessons from Photo Analyses of Autonomous Reef Monitoring Structures as Tools to Detect (Bio-)Geographical, Spatial, and Environmental Effects. Marine Pollution Bulletin 141(February): 420–29. DOI:10.1016/j.marpolbul.2019.02.066.
- Debelius, H. 1999. The Guidelines Used Are the Crustacea Guide of The World. IKAN Unterwasserarchiv.

- Dehghani, A. Sari, A. Naderloo, R. 2019. Annotated Checklist of the Snapping Shrimps of the Genus *Alpheus* Fabricius, 1798 (Crustacea: Decapoda: Alpheidae) from the Persian Gulf and Gulf of Oman, Iran. *Zootaxa* 4544(4): 479–504. DOI:10.11646/zootaxa.4544.4.2.
- Dong, D. Li, X. Chan, T.Y. 2011. A New Species of *Aliaporcellana* Nakasone and Miyake, 1969 (Crustacea: Decapoda: Anomura: Porcellanidae) from Taiwan, with Redescription of *Aliaporcellana* *Suluensis* (Dana, 1852). *Bulletin of Marine Science* 87(3): 485–99. DOI:10.5343/bms.2010.1096.
- El-Sayed, A.A.M. Abd-Elkhalek, A.M. Amer, M.A. Sarhan, M.H. 2019. Revision of Superfamily Pilumnoidea from the Egyptian Red Sea Coasts, Gulfs of Aqaba and Suez, Egypt. *Egyptian Journal of Aquatic Biology and Fisheries* 23(4): 137–66. DOI:10.21608/ejabf.2019.62493.
- Enochs, I.C. 2012. Motile Cryptofauna Associated with Live and Dead Coral Substrates: Implications for Coral Mortality and Framework Erosion. *Marine Biology* 159(4): 709–22. DOI:10.1007/s00227-011-1848-7.
- Enochs, I.C. Manzello, D.P. 2012. Species Richness of Motile Cryptofauna across a Gradient of Reef Framework Erosion. *Coral Reefs* 31(3): 653–61. DOI:10.1007/s00338-012-0886-z.
- Erftemeijer, P.L.A. Riegl, B. Hoeksema, B.W. Todd, P.A. 2012. Environmental Impacts of Dredging and Other Sediment Disturbances on Corals: A Review. *Marine Pollution Bulletin* 64(9): 1737–65. DOI:10.1016/j.marpolbul.2012.05.008.
- Fabricius, K.E. 2005. Effects of Terrestrial Runoff on the Ecology of Corals and Coral Reefs: Review and Synthesis. *Marine Pollution Bulletin* 50: 125–46. DOI:10.1016/j.marpolbul.2004.11.028.
- Fahimi, N. Zolgharnein, H. Keykhosravi, A. Naderloo, R. 2021. Molecular Phylogeny and Taxonomy of the Genus *Pilumnus* Leach, 1815 (Eucrustacea: Brachyura: Pilumnidae) in the Persian Gulf and Gulf of Oman. *Zoologischer Anzeiger* 291: 7–22. DOI:10.1016/j.jcz.2020.12.001.
- Fererra, C.M. San Diego-McGlone, M.L. Santos, M.M. Forondab, J.B. Santiagoc, J.A. Lagmanc, M.C.A. Lagumena, M.C.T. Gotancoa, R.J.R. Torres, A. Tabardillo, J. Jr. Martinez, R.J. Garcia, M. Macahig, D.A. Burce, J.A. 2022. 1 Guidebook on Coral Reef Associated Organisms Collected from Autonomous Reef Monitoring Structures (ARMS) in the Philippines. University of the Philippines Marine Science Institute, Philippines.
- Fransen, C.H.J.M. 2002. 336 Zoologische Verhandelingen Taxonomy, Phylogeny, Historical Biogeography, and Historical Ecology of the Genus *Pontonia* Latreille (Crustacea: Decapoda: Caridea: Palaemonidae). DOI:10.1163/156854008784513483.
- Fransen, C.H.J.M. 2006. On *Pontoniinae* (Crustacea, Decapoda, Palaemonidae) Collected from Ascidians. *Zoosystema* 28(3): 713–46.
- de Gier, W. Fransen, C.H.J.M. 2018. *Odontonia Plurellicola* Sp. n. and *Odontonia Bagginsi* Sp. n., Two New Ascidian-Associated Shrimp from Ternate and Tidore, Indonesia, with a Phylogenetic Reconstruction of the Genus (Crustacea,

- Decapoda, Palaemonidae). ZooKeys 2018(765): 123–60. DOI:10.3897/zookeys.765.25277.
- González-Gómez, R. Briones-Fourzán, P. Álvarez-Filip, L. Lozano-álvarez, E. 2018. Diversity and Abundance of Conspicuous Macrocrustaceans on Coral Reefs Differing in Level of Degradation. PeerJ 2018(6): 1–25. DOI:10.7717/peerj.4922.
- Griffin, D.J.G. 1974. Spider Crabs (Crustacea: Brachyura: Majidae) from the International Indian Ocean Expedition, 1963-1964. Smithsonian Contributions to Zoology (182): 1–35. DOI:10.5479/si.00810282.182.
- Griffin, D.J.G. 1976. Spider Crabs of the Family Majidae (Crustacea : Brachyura) from the Philippine Islands. Journal of Natural History 10: 179–222.
- Griffin, D.J.G. Tranter, H.A. 1986. The Decapoda Brachyura of the Siboga Expedition, Part VIII Majidae. Siboga-Expeditie Monographie 39(4): 1–335. DOI:10.5962/bhl.title.10267.
- Guinot, D. 1967. Recherches Préliminaires Sur Les Groupements Naturels Chez Les Crustacés Décapodes Brachyours. II Les Anciens Genres Micropanope Stimpson et Medaeus Dana. Bulletin du Muséum national d'histoire naturelle 39(2): 345–374. <https://biostor.org/reference/244256>.
- Guinot, D. Macpherson, E. 1988. Remarques Sur Le Genre Monodaeus Guinot, 1967, Avec La Description de Deux Espèces Nouvelles (Crustacea Decapoda Brachyura). Bulletin du Muséum national d'histoire naturelle 10(4): 731–57. DOI:10.5962/p.287601.
- Haig, J. 1965. The Porcellanidae (Crustacea , Anomura) of Western Australia , With Descriptions of Four New Australian Species. The Royal Society of Western Australia 48(4): 97–118.
- Hamid, A. Wardiatno, Y. 2018. Diversity of Decapod Crustaceans in Lasongko Bay, South- East Sulawesi, Indonesia. Biodiversity Journal 9(3): 303–11. DOI:10.31396/Biodiv.Jour.2018.9.3.303.311.
- Hazeri, G. Rahayu, D.L. Subhan, B. Sembiring, A. Anggoro, A.W. Ghazali, A.T. Madduppa, H.H. 2019. Latitudinal Species Diversity and Density of Cryptic Crustacean (Brachyura and Anomura) in Micro-Habitat Autonomous Reef Monitoring Structures across Kepulauan Seribu, Indonesia. Biodiversitas 20(5): 1466–74. DOI:10.13057/biodiv/d200540.
- Hewitt, M.A. 2004. Crustacea (Excluding Cirripedia) of the Dampier Archipelago, Western Australia. Records of the Western Australian Museum, Supplement 66(1): 169. DOI:10.18195/issn.0313-122x.66.2004.169-219.
- Hiller, A. Werding, B. 2022. Multigene Phylogeny of the Indo–West Pacific Genus Enosteoides (Crustacea, Decapoda, Porcellanidae) with Description of a New Species from Australia. Zoosystematics and Evolution 98(2): 387–97. DOI:10.3897/ZSE.98.90540.
- Hoeksema, B.W. 2012. Evolutionary Trends in Onshore-Offshore Distribution Patterns of Mushroom Coral Species (Scleractinia: Fungiidae). Contributions to Zoology 81(4): 199–221. DOI:10.1163/18759866-08104002.

- Holthuis, L. B. 1969a. A New Species of Shovel-Nose Lobster, *Scyllarus Planorbis*, from The Southwestern Carib- Bean and Northern South America. *Bulletin of Marine Science* 19(1): 149–58.
- Holthuis, L.B. 1969b. A New Species of Shovel-Nose Lobster, *Scyllarus Planorbis*, from The Southwestern Carib- Bean and Northern South America. *Bulletin of Marine Science* 19(1): 149–58.
- Holthuis, L.B. 1952. The Decapoda of the Siboga Expedition. Part XI. The Palaemonidae Collected by the Siboga and Snellius Expeditions with Remarks on Other Species II. Subfamily Pontoniinae. *Siboga-Expeditie Monographie* 39a10: 1–253. <http://link.springer.com/10.1007/978-3-319-59379-1%0Ahttp://dx.doi.org/10.1016/B978-0-12-420070-8.00002-7%0Ahttp://dx.doi.org/10.1016/j.ab.2015.03.024%0Ahttps://doi.org/10.1080/07352689.2018.1441103%0Ahttp://www.chile.bmw-motorrad.cl/sync/showroom/lam/es/>.
- Huang, Y.H. Shih, H.T. 2021. Diversity in the Taiwanese Swimming Crabs (Crustacea: Brachyura: Portunidae) Estimated through Dna Barcodes, with Descriptions of 14 New Records. *Zoological Studies* 60: 1–45. DOI:10.6620/ZS.2021.60-60.
- Iwasa-Arai, T. McCallum, A.W. Taylor, J. 2015. Oceanic Shoals Commonwealth Marine Reserve Survey Reveals New Records of Xanthid Crabs (Crustacea: Brachyura: Xanthidae) from Northern Australia. *Memoirs of Museum Victoria* 73: 1–11. DOI:10.24199/j.mmv.2015.73.01.
- Jiang, Q. Li, X. 2014. A New Species of *Microprosthema* Stimpson, 1860 (Crustacea: Decapoda: Stenopodidea: Spongicolidae) from the South China Sea. *Zootaxa* 3784(5): 575–84. DOI:10.11646/zootaxa.3784.5.6.
- Kemp, S. 1920. Notes on Crustacea Decapoda. XIV. On the Occurrence of the Caridean Genus *Discias* in Indian Waters. *Records of the Indian Museum* 19: 137–43.
- Kim, C.J.S. 2021. Drivers of Coral Reef Composition, Cryptic Marine Biodiversity, and Coral Health along the North Coast of Timor-Leste. https://espace.library.uq.edu.au/view/UQ:47f4dc9/s4351903_final_thesis.pdf?dsi_version=4886f1ec022b8568ee096f91c73f5777.
- Kingsley, J.S. 1878. Notes on the North American Caridea in the Museum of the Peabody Academy of Science at Salem, Mass. *Proceedings of the Academy of Natural Sciences of Philadelphia* 30: 89–98. DOI:10.31857/s1027813320020053.
- Knowlton, N. 2001. The Future of Coral Reefs. *Proceedings of the National Academy of Sciences of the United States of America* 98(10): 5419–25. DOI:10.1073/pnas.091092998.
- Komai, T. 2000. A Check List of Thalassinidea and Anomura (Crustacea : Decapoda) from The South China Sea. *The Raffles Bulletin of Zoology* (8): 343–76.
- Komatsu, H. Ng, P.K.L. 2011. *Kabutos*, a New Genus for the Western Pacific Leucosiid Crab, *Merocryptus Durandi* Serène, 1955 (Crustacea: Decapoda:

- Brachyura). *Zootaxa* 38(May): 31–38.
- Kramer, M.J. Bellwood, D.R. Taylor, R.B. 2017. Benthic Crustacea from Tropical and Temperate Reef Locations : Differences in Assemblages and Their Relationship with Habitat Structure. *Coral Reefs*. DOI:10.1007/s00338-017-1588-3.
- Kubo, I. 1940. Studies on Japanese Palaemonoid Shrimps. II. Pontoniinae. *Journal of Imperial Fisheries Institution* 34(1): 31–75.
- Kurniasih, E.M. Sembiring, A. Putu, N. Pertiwi, D. Anggoro, A.W. Cahyani, K.D. Dailami, M. Wijayanti, D.P. Meyer, C.P. 2020. Cryptic Species from Biodiversity Hotspot : Estimation of Decapoda on Dead Coral Head Pocillopora in Raja Ampat Papua. *Ilmu Kelautan: Indonesian Journal of Marine Sciences* 25(March): 1–6. DOI:10.14710/ik.ijms.25.1.1-6.
- Laubenheimer, H. Rhyne, A. L. 2010. *Lysmata Rauli*, a New Species of Peppermint Shrimp, (Decapoda: Hippolytidae) from the Southwestern Atlantic. *Zootaxa* 2372: 298–304. <https://doi.org/10.5281/zenodo.275824>.
- Lee, S. Park, J.H. Kim, W. 2015. First Record of Aliaporcellana and Lissoporcellana (Crustacea: Decapoda: Porcellanidae) from Korea. *Animal Systematics, Evolution and Diversity* 31(3): 191–200. DOI:10.5635/ased.2015.31.3.191.
- Leray, M. Knowlton, N. 2015. DNA Barcoding and Metabarcoding of Standardized Samples Reveal Patterns of Marine Benthic Diversity. *Proceedings of the National Academy of Sciences of the United States of America* 112(7): 2076–81. DOI:10.1073/pnas.1424997112.
- Li, X. Bruce, A. 2006. Further Indo-West Pacific Palaemonoid Shrimps (Crustacea: Decapoda: Palaemonoidea), Principally from the New Caledonian Region. *Journal of Natural History* 40(11–12): 611–738. DOI:10.1080/00222930600763627.
- Li, X. 1997. Report on Gnathophyllidae and Pontoniinae (Decapoda, Palaemonoidea) Shrimps from the Xisha Islands and Adjacent Waters, South China Sea. *Studia Marina Sinica* 38: 223–51. file:///C:/Users/sdegrave/Desktop/shrimp literature/Li/Li - 1997 - Xisha Islands.pdf.
- Limviriyakul, P. Tseng, L.C. Hwang, J.S. Shih, T.W. 2016. Anomuran and Brachyuran Symbiotic Crabs in Coastal Areas between the Southern Ryukyu Arc and the Coral Triangle. *Zoological Studies* 55. DOI:10.6620/ZS.2016.55-07.
- Loh, L.W. Ng, P.K.L. 1999. Notes on Some Southeast Asian Species of Spider Crabs of the Genera Doclea and Hyastenus (Crustacea: Decapoda: Brachyura: Majidae). *Raffles Bulletin of Zoology* 47(1): 59–72.
- López, K Bone, D Rodríguez, C Padilla, F. 2008. Biodiversity of Cryptofauna Associated with Reefs of the Los Roques Archipelago National Park , Venezuela. *Proceedings of the 11th Int Coral Reef Sym* (26): 1352–54.
- Lunt, J. 2014. Turbidity and Wave Energy Affect Community Composition And. Texas A&M University-Corpus Christi.
- Lunt, J. Smee, D.L. 2015. Turbidity Interferes with Foraging Success of Visual but

- Not Chemosensory Predators. PeerJ 2015(9): 1–12. DOI:10.7717/peerj.1212.
- M, D. Banner, A.H. 1975. The Alpheid Shrimp of Australia. Part 2: The Genus *Synalpheus*. Records of the Australian Museum 29(12): 267–389. DOI:10.3853/j.0067-1975.29.1975.389.
- Macpherson, E. Cleve, R. 2010. Zootaxa, Shallow-Water Squat Lobsters (Crustacea, Decapoda, Galatheidae) from Mayotte... Zootaxa 2612: 57–68.
- Macpherson, E. Robainas-Barcia, A. 2015. Species of the Genus *Galathea* Fabricius, 1793 (Crustacea, Decapoda, Galatheidae) from the Indian and Pacific Oceans, with Descriptions of 92 New Species. Zootaxa 3913(1): 1–335. DOI:10.11646/zootaxa.3913.1.1.
- Madhavan, M. Purushothaman, P. Akash, S. Bharathi, S. Jose, S. Dhinakaran, A. Ravi, C. Kumar, T.T.A. Lal, K K. 2019. New Record of *Thor hainanensis* Xu & Li, 2014 and Taxonomical Remarks on *Lysmata ternatensis* de Man, 1902 (Decapoda: Thoridae & Lysmatidae) from the Lakshadweep Islands, India. Zootaxa 4624(3): 351–64. DOI:https://doi.org/10.11646/zootaxa.4624.3.4.
- Maenosono, T. 2021. Notes on Some Species of the Genera *Forestiana* Guinot and *Low*, 2010 and *Gaillardiiellus* Guinot, 1976 (Decapoda : Brachyura : Xanthidae) from Southern Japan, Including Two New Records ... Fauna Ryukyuna 48: 19–29.
- Maenosono, T. 2022. Report on Nineteen Zosimene Crabs (Crustacea: Decapoda: Brachyura) Collected from Southern Japan, Including Three New Distributional Records to Japan [In Japanese with English Abst... Fauna Ryukyuna: 7–39.
- Marin, I.N Britayev, T.A Anker, A. 2004. Pontonine Shrimps Associated with Cnidarians: New Records and Hist of Species from Coastal Waters of Viet Nam. Arthropoda Selecta 13(4): 199–218. <http://decapoda.nhm.org/pdfs/26152/26152.pdf>.
- Mendoza, J.C.E. Ng, P.K.L. 2010. The Euxanthine Crabs (Crustacea: Brachyura: Xanthidae) of the Philippines. The Raffles Bulletin of Zoology/Raffles Bulletin of Zoology 58(1): 57–74.
- Mendoza, Jose Christopher E. Chong, V. C. Ng, Peter K.L. 2009. A New Xanthid Crab of the Genus *Medaops* Guinot, 1967, from Peninsular Malaysia, with a Note on *Leptodius granulosus* Haswell, 1882 (Crustacea: Decapoda: Brachyura: Xanthidae). Zootaxa 54(2297): 44–54. DOI:10.11646/zootaxa.2297.1.4.
- Miyake, S. 1943. Studies On The Crab-Shaped Anomura Of Nippon And Adjacent Waters. Journal of the Department of Agriculture, KyusyU Imperial University 7(3): 49–158.
- Monroy-Velázquez, L.V. Rodríguez-Martínez, R.E. Blanchon, P. Alvarez, F. 2020. The Use of Artificial Substrate Units to Improve Inventories of Cryptic Crustacean Species on Caribbean Coral Reefs. PeerJ 8(November). DOI:10.7717/peerj.10389.
- Mushlihah, H Amri, K Faizal, A. 2021. Diversity and Distribution of Macroalgae To

- Environmental Conditions of Makassar City. *Jurnal Ilmu Kelautan SPERMONDE* 7: 16–26. <http://journal.unhas.ac.id/index.php/jiks/article/view/14856>.
- Naderloo, R. 2017. 1838 Atlas of Crabs of the Persian Gulf Atlas of Crabs of the Persian Gulf. DOI:10.1007/978-3-319-49374-9.
- Ng, P.K.L. Ahyong, S.T. 2022. The Pea Crab Genus *Arcotheres* Manning, 1993 (Crustacea: Brachyura: Pinnotheridae) from Singapore and Peninsular Malaysia, with a Reappraisal of Diagnostic Characters and Descriptions of Two New Genera. *Raffles Bulletin of Zoology* 70: 134–248. DOI:10.26107/RBZ-2022-0009.
- Nigam, N.K. Rajendra, S. Sivaperuman, C. 2020. Brachyuran Crabs Associated with Echinoderms from the Andaman and Nicobar Islands, India. *Andaman Science Association*: 112–23.
- Nobili, G. 1904. Diagnoses Préliminaires de Vingt-Huit Espèces Nouvelles de Stomatopodes et Décapodes Macroures de La Mer Rouge. *Bulletin du Muséum d'Histoire naturelle* 10: 228–38.
- NOOA. 2016. Monitoring Biodiversity Using A Utonomous Reef Monitoring Structures (ARMS) - Standard Operating Procedure. (August).
- Ohtsuchi, N. 2018. First Record of *Menaethius Orientalis* (Sakai, 1969) (Decapoda: Brachyura: Epialtidae) from the Ryukyu Archipelago. (June).
- Oksanen, J. Simpson, G.L. Blanchet, F.G. Kindt, R. Legendre, P. Minchin, P.R. O'Hara, R.B. et al. 2024. Vegan Community Package. *Community Ecol. Packag.* <https://github.com/vegandevs/vegan>.
- Olivier, A.G. 1811. Suite de l'Introduction à l'Histoire Naturelle Des Insectes. Palèmon. In: Olivier, A.G., *Encyclopédie Méthodique. Histoire Naturelle. Insectes* 8: 656–70.
- Osawa, M. 2007. Porcellanidae (Crustacea: Decapoda: Anomura) from New Caledonia And. *Zootaxa* 49(May): 1–49.
- Osawa, M. 2014. Porcellanidae (Crustacea: Decapoda: Anomura) from Christmas and Cocos (Keeling) Islands. *Raffles Bulletin of Zoology* (30): 255–62.
- Osawa, M. Ng, P.K.L. 2016. Revision of *Polyonyx Pedalis* Nobili, 1906 (Crustacea: Decapoda: Anomura: Porcellanidae), with Descriptions of Three New Species. *Raffles Bulletin of Zoology* 2016(Part II): 499–518.
- Pachelle, P.P.G. De Grave, S. 2015. New Records of the Rare Shrimp Genus *Discias Rathbun* (Decapoda, Caridea, Disciadidae). *Crustaceana* 88(12–14): 1467–74. DOI:10.1163/15685403-00003493.
- Palero, F. Robainas-Barcia, A. Corbari, L. Macpherson, E. 2017. Phylogeny and Evolution of Shallow-Water Squat Lobsters (Decapoda, Galatheoidea) from the Indo-Pacific. *Zoologica Scripta* 46(5): 584–95. DOI:10.1111/zsc.12230.
- Parenden, D. Jompa, J. Rani, C. 2021. Condition of Hard Corals and Quality of the Turbid Waters in Spermonde Islands (Case Studies in Kayangan Island, Samalona Island and Kodingareng Keke Island). *IOP Conference Series: Earth*

- and Environmental Science 921(1): 0–9. DOI:10.1088/1755-1315/921/1/012060.
- Parenden, D. Jompa, J. Rani, C. Renema, W. Tuhumena, J.R. 2023. Biodiversity of Hard Coral (Scleractinia) and Relation to Environmental Factors Turbid Waters in Spermonde Islands, South Sulawesi, Indonesia. *Biodiversitas* 24(9): 4635–43. DOI:10.13057/biodiv/d240903.
- Plaisance, L. Caley, M.J. Brainard, R.E. Knowlton, N. 2011. The Diversity of Coral Reefs: What Are We Missing? *PLoS ONE* 6(10). DOI:10.1371/journal.pone.0025026.
- Plass-Johnson, J.G. Bednarz, V.N. Hill, J.M. Jompa, J. Ferse, S.C.A. Teichberg, M. 2018. Contrasting Responses in the Niches of Two Coral Reef Herbivores along a Gradient of Habitat Disturbance in the Spermonde Archipelago, Indonesia. *Frontiers in Marine Science* 5(FEB): 1–11. DOI:10.3389/fmars.2018.00032.
- Polónia, A.R.M. Francis, D. Cleary, R. Joy, N. Voogd, D. Renema, W. Hoeksema, B.W. Martins, A. Carlos, N. Gomes, M. 2015. Habitat and Water Quality Variables as Predictors of Community Composition in an Indonesian Coral Reef: A Multi-Taxon Study in the Spermonde Archipelago. *Science of the Total Environment* 537: 139–51. DOI:10.1016/j.scitotenv.2015.07.102.
- Poore, G.C.B. 2004. *CSIRO Marine Decapod Crustacea of Sourthern Australia: A Guide to Identification*. Csiro Publishing, Australia. DOI:10.1071/9781486311798.
- Poore, Gary C. B. 2004. *CSIRO Marine Decapod Crustacea of Sourthern Australia: A Guide to Identification*. Csiro Publishing, Australia. DOI:10.1071/9781486311798.
- Poupin, J. Cleva, R. Bouchard, J.M. Dinhut, V. Dumas, J. 2018. The Crabs from Mayotte Island (Crustacea, Decapoda, Brachyura). *Atoll Research Bulletin* 2018(617): 1–109. DOI:10.5479/si.0077-5630.617.
- Poupin, J. Juncker, M. 2010. *Guide Des Crustacés Décapodes Du Pacifi Que Sud/A Guide to the Decapod Crustaceans of the South Pacific*. CRISP and SPC, New Caledonia.
- Poupin, J. Lemaitre, R. 2014. Porcellanid Crabs from Guadeloupe Island (Crustacea, Decapoda, Anomura), with an Updated List of Species from the Lesser Antilles. *Zoosystema* 36(1): 5–27. DOI:10.5252/z2014n1a1.
- Poupin, Joseph Cleva, Regis Bouchard, Jean Marie Dinhut, Vincent Dumas, Jacques. 2018. The Crabs from Mayotte Island (Crustacea, Decapoda, Brachyura). *Atoll Research Bulletin* 2018(617): 1–109. DOI:10.5479/si.0077-5630.617.
- Prakash, S. Marimuthu, N. 2020. Notes on Some Crinoid Associated Decapod Crustaceans (Crustacea: Decapoda) of Lakshadweep Archipelago, Central Indian Ocean. *Zootaxa* 4766(1): 86–100. DOI:10.11646/zootaxa.4766.1.4.
- R Core Team. 2024. R: A Language and Environment for Statistical Computing. <https://www.r-project.org/>.

- Ransome, E. Geller, J.B. Timmers, M. Leray, M. Mahardini, A. Sembiring, A. Collins, A.G. Meyer, C.P. 2017. The Importance of Standardization for Biodiversity Comparisons: A Case Study Using Autonomous Reef Monitoring Structures (ARMS) and Metabarcoding to Measure Cryptic Diversity on Mo'orea Coral Reefs, French Polynesia. *PLoS ONE* 12(4): 1–19. DOI:10.1371/journal.pone.0175066.
- Rathbun, M.J. 1902. Crabs from the Maldiv Islands. *Bulletin of the Museum of Comparative Zoölogy* 34(5): 123–38.
- Rathbun, M.J. 1916. New Species of Crabs of the Families Inachidae and Parthenopidae. *Proceedings of the United States National Museum* 50(2135): 527–59. DOI:10.18353/rcustacea.10.0_1.
- Razak, T.B. Ramadhani, B.A. Corni, S. Roelfsema, C. Markey, K. Bambic, Br. De Brauwier, M. Masdar, H. Purnama, R. Dumbrell, A.J. Jompa, J. Limmon, G.V. Beger, M. Fox, H.E. 2021. Large Scale Study of Benthic Communities in Eastern Indonesia's Reef Systems. *Regional Studies in Marine Science* 44. DOI:10.1016/j.rsma.2021.101731.
- Rothans, T.C. Miller, A.C. 1991. A Link between Biologically Imported Particulate Organic Nutrients and the Detritus Food Web in Reef Communities. *Marine Biology* 110(1): 145–50. DOI:10.1007/BF01313101.
- Ryanskiy, A. 2020. Coral Reef Crustaceans from Red Sea to Papua. Second Edi. Reef ID Books.
- Sakai, T. 1969. Two New Genera and Twenty-Two New Species of Crabs from Japan. *Proceedings of the Biological Society of Washington* 82: 243–80.
- Santos, Patricia Souza Soledade, Guidomar Oliveira Almeida, Alexandre Oliveira. 2012. Decapod Crustaceans on Dead Coral from Reef Areas on the Coast of Bahia, Brazil. *Nauplius* 20(2): 145–69. DOI:10.1590/s0104-64972012000200007.
- Sembiring, A. Danie, M. Malik, A. Wahyudi, A. 2023. Utilizing the Autonomous Reef Monitoring Structure (ARMS) to Study the Temporal Variation of Benthic Community on Coral Reef Ecosystems in Pemuteran , Bali , Indonesia. *Regional Studies in Marine Science* 62: 102925. DOI:10.1016/j.rsma.2023.102925.
- Serène, R. 1984. Crustacés Décapodes Brachyours de l'océan Indien Occidental et de La Mer Rouge. Xanthoidea: Xanthidae et Trapeziidae. Avec Un Addendum Par A. Crosnier: Carpilidae et Menippidae. *Faune Tropicale* 24: 1–400.
- Serène, R. Umali, A.F. 1972. The Family Raninidae and Other New and Rare Species of Brachyuran Decapods from The Philippines and Adjacent Regions. *PHILIPPINE JOURNAL OF SCIENCE* 99(1–2): 21–105.
- Sha, Z. Wang, Y. Cui, D. 2019. Springer The Alpheidae from China Seas. Springer Nature Singapore, Singapore. DOI:10.1007/978-981-15-0648-2.
- Soledade, G.O Baeza, J.A Boehs, G. Simões, S.M. Santos, P.S. Caetano, R Almeida, A.O. 2013. A Precautionary Tale When Describing Species In a World Of Invaders : Morphology , Coloration and Genetics Demonstrate That Lysmata

- Rauli Is Not a New Species Endemic to Brazil but a Junior Synonym of The Indo-Pacific *L. Vittata*. *Journal of Crustacean Biology* 33(1): 66–77. DOI:10.1163/1937240X-00002122.
- Soledade, Guidomar Oliveira Baeza, Juan Antonio Boehs, Guisla Simões, Sabrina Morilhas Santos, Patricia Souza Caetano, Rogerio Almeida, Alexandre Oliveira. 2013. A Precautionary Tale When Describing Species In a World Of Invaders : Morphology , Coloration and Genetics Demonstrate That *Lysmata Rauli* Is Not a New Species Endemic to Brazil but a Junior Synonym of The Indo-Pacific *L. Vittata*. *Journal of Crustacean Biology* 33(1): 66–77. DOI:10.1163/1937240X-00002122.
- Stella, J.S. Pratchett, M.S Hutchings, P.A. Jones, G.P. 2011. Coral-Associated Invertebrates: Diversity , Ecological Importance and Vulnerability to Disturbance. *Oceanography and Marine Biology* (June). DOI:10.1201/b11009-3.
- Takeda, M. 1977. Crabs from Shallow Waters off Mage-Jima Island, Southwest Japan. *Bull. Batn. Sci. Mus., Ser. A (Zool)* 3(2).
- Tatipata, K.P.B Mashoreng, S. 2020. The Impact of Coral Conditions on the Structure of the Megabenthos Community Associated with the Coral Reefs of the Spermonde Islands. *TORANI: Journal of Fisheries and Marine Science* 3(December): 37–50. DOI:10.35911/torani.v3i1.11364.
- Teichberg, M. Wild, C. Bednarz, V.N. Kegler, H.F. Lukman, M. Gärdes, A.A. Heiden, J.P. Weiland, L. Abu, N. Nasir, A. Miñarro, S. Ferse, S.C.A. Reuter, H. Plass-Johnson, J.G. 2018. Spatio-Temporal Patterns in Coral Reef Communities of the Spermonde Archipelago, 2012-2014, I: Comprehensive Reef Monitoring of Water and Benthic Indicators Reflect Changes in Reef Health. *Frontiers in Marine Science* 5(FEB): 1–18. DOI:10.3389/fmars.2018.00033.
- Tiwari, K.K. 1963. Alpheid Shrimps (Crustacea: Decapoda: Alpheidae) of Vietnam. *Annales de la Faculté des Sciences de Saigon*: 239–362.
- Torres, A. Parenthen, D. A.R, D. 2021. Surveying What' s Hidden : Using ARMS to Capture Cryptic Biodiversity.
- Tozzetti, A.T. 1877. Crostacei Brachyuri e Anomuri. *Zoologia Del Viaggio Intorno Al Globo Della R. Pirocorvetta Magenta Durante Gli Anni 1865–1868*. Prefazione 1(i–xxix): 1–257.
- Valencia, B. Giraldo, A. 2021. Coral Reef Cryptic Invertebrates Across a Gradient of Coral Cover in Isla Gorgona, Eastern Tropical Pacific Off Colombia. : 9440. DOI:10.3390/bdee2021-09440.
- Vaughan, D.B Grutter, A.S Hutson, K.S. 2018. Cleaner Shrimp Are a Sustainable Option to Treat Parasitic Disease in Farmed Fish. *Scientific Reports*: 1–10. DOI:10.1038/s41598-018-32293-6.
- Wang, Y.R. Zhong-Li, S. 2015. A Review of the Genus *Synalpheus* (Crustacea : Decapoda : Caridea : Alpheidae) from China Seas. *Zoological Systematics* 40(4): 357–435. DOI:10.11865/zs.20150401.

- Wee, D.P.C. Ng, P.K.L. 1995. Swimming Crabs of The Genera *Charybdis* De Haan, 1833, and *Thalamita* Latreille, 1829 (Crustacea: Decapoda: Brachyura: Portunidae) from Peninsular Malaysia And Singapore. *The Raffles Bulletin of Zoology* (1): 1–128.
- Werding, B. Hiller, A. 2007. The Porcellanidae (Crustacea: Decapoda: Anomura) of the Red Sea with Description of a New Species of *Petrolisthes*. *Zootaxa* (1460): 1–24. DOI:10.11646/zootaxa.1460.1.1.
- Zehntner, L. 1894. Voyage de MM. M. Bedot et C. Pictet Dans l'Archipel Malais. Crustacés de l'Archipel Malais. *Revue Suisse de Zoologie et Annales du Musée d'Histoire Naturelle de Genève* 2: 135–214.