

2022 ANNUAL CONTRIBUTIONS Auther Index

Ahamed, F., Z.F. Ahmed and J. Ohtomi (2022) Estimation of key population parameters of *Penaeus indicus* (Crustacea: Penaeidae) in the Andharmanik River, southern Bangladesh: implications for sustainable management. *Nauplius*, 30: e2022015.

Ahamed, F., P. Barai1, Z. F. Ahmed and J. Ohtomi (2022) Reproductive biology of the palaemonid prawn *Macrobrachium villosimanus* (Tiwari, 1949) (Decapoda: Caridea: Palaemonidae). *J. Crust. Biol.*, 42: 1–12.

Doi, W. and N. Suzuki (2022) Growth and reproduction of the mole crab *Hippa truncatifrons* in Suruga Bay, central Japan. *Aquat. Anim.*, 2022: 1–11.

Doi, W., H. Inoue and H. Kohno (2022) Aspects of distribution, growth, and reproduction of the fluvial prawn, *Macrobrachium shokitai*, in a subtropical river on Iriomote Island, Japan. *Plankton Benthos Res.*, 17(2): 192–200.

Doi, W., H. Washiyama and N. Suzuki (2022) Size at sexual maturity of male *Lucenosergia lucens* (Decapoda: Sergestidae) in Suruga Bay, Japan. *Crustac. Res.*, 51: 1–10.

Doi, W., R. Kikuchi, A. Mizutani and H. Kohno (2022) Mating and burrow plugging behavior of *Cardisoma carnifex* on the Iriomote-jima Island in Japan. *Crustac. Res.*, 51: 137–145.

Endo, H. and X. Gao (2022) A new classification tool and a systematic review of macroalgal studies disentangle the complex interactive effects of warming and nutrient enrichment on primary production. *Front. Mar. Sci.*, 9: 774801.

Endoh, T., E. Tsutsumi, C.-S. Hong, G.-N. Baek, M.-H. Chang, Y. J. Yang, T. Matsuno and J. H. Lee (2022) Estimating propagation speed and direction, and vertical displacement of second-mode nonlinear internal waves from ADCP measurements. *Cont. Shelf Res.*, 233(15): 104644.

Chang, M.-H., Y.-H. Cheng, Y.-Y. Yeh, Y. J. Yang, S. Jan, C.-L. Liu, T. Matsuno, T. Endoh, E. Tsutsumi, J.-L. Chen and X. Guo (2022) Internal hydraulic transition and turbulent mixing observed in the Kuroshio over the I-Lan Ridge off northeastern Taiwan. *J. Phys. Oceanogr.*, 52(12): 3179–3198.

Charan, H., E. Inomata, H. Endo, Y. Sato, Y. Okumura and M. N. Aoki (2022) Decreased irradiance and nutrient enrichment mitigate the negative effect of ocean warming on growth and biochemical compositions of a canopy-forming marine macroalga. *J. Mar. Sci. Eng.*, 10(4): 479.

Ebata, K., R. Aiyama, M. Matsuoka, S. Toyofuku, K. Yashiro, S. Saisho, K. Maeda and C. Yamasaki (2022) Effect of the shape of synthetic fibers comprised the substrates on the habitat for Japanese spiny lobster. *Journal of JSCE*, B3, 78(2): I_715–I_720.

Ebata, K., Y. Ibaraki, I. Ozawa, A. Boutson, H. Tanaka, A. Oitate and M. Urazoe (2022) Approaching and staying behavior of oval squid, *Sepioteuthis lessoniana*, in response to a state of floated squid trap. *Fish. Eng.*, 58(3): 167–174.

Ebata, K., H. Shimotabira, T. Kobata, G. Kume, Y. Nakahara and K. Kakoi (2022) Estimating the cause of net bag breakage in manila clam *Ruditapes philippinarum* farming in Shigetomi tidal flat, Kagoshima Bay. *Fish. Eng.*, 59(2): 93–101.

Hashimoto, S., R. Shinkai and W. Doi (2022) Distribution of the ghost crab *Ocypode* spp. (Brachyura: Ocypodidae) in mainland of Kagoshima and Yakushima Island. *Nat. Kagoshima*, 49: 31–34.

Hashimoto, S., H. Wada, M. Itou, J. Ohtomi and H. Motomura (2022) First records of *Peristedion riversandersoni* (Peristediidae) from Kagoshima Prefecture, Japan. *Ichthy, Nat. Hist. Fish. Jpn.*, 16: 29–32.

Hata, E., J. Ohtomi, W. Iwamoto and H. Motomura (2022) The second Japanese record of *Squatina formosa* (Squatinidae) from off the coast of Satsuma Peninsula, Kagoshima

Prefecture, Japan. Ichthy. Nat. Hist. Fish. Jpn., 27: 40–44.

Hirano, S., R. Nakao, Y. Akamatsu, S. Oka, I. Sekiguchi and G. Kume (2022) Current status and early life history of ayu *Plecoglossus altivelis altivelis* at the southern limit of their range in Japan. Japan J. Ichthyol., 69(2): 225–233.

Hirose, K., H. Itoh, T. Takano, T. Yamamoto and S. Kojima (2022) Reproductive isolation and a change in the development mode of the tideland snail *Batillaria flectosiphonata* (Gastropoda: Batillariidae). Zool. Sci., 39(5): 413–418.

Ichinomiya, M., T. Nomiya, T. Komorita, T. Kobari, G. Kume, A. Habano, Y. Arita and F. Makino (2022) Seasonal influence of intrusion from the Kuroshio Current on microplankton biomass and community structure in the northern Satsunan area, western Japan. J. Mar. Syst., 234: 103767.

Iguchi, K., J. Tsuboi, G. Kume and T. Yonezawa (2022) Examining the efficacy of a line technique in preventing great cormorant foraging of the endangered Ryukyu-ayu. Wildlife and Human Society, 10: 35–41.

Itoh, S., E. Tsutsumi, E. Masunaga, T.T. Sakamoto, K. Ishikawa, D. Yanagimoto, Y. Hoshiba, H. Kaneko, D. Hasegawa, K. Tanaka, H. Fukuda and T. Nagata (2022) Seasonal cycle of the confluence of the Tsugaru Warm, Oyashio, and Kuroshio currents east of Japan. J. Geophys. Res. Oceans, 127(8): e2022JC018556.

Kazuno, S., S. Kako, H. Nakamura, T. Yamashiro, A. Nishina, G. Kume and T. Kobari (2022) Evaluation of coastal waters advected to the Kuroshio based on particle-tracking experiments with a high-resolution coastal ocean model. Bull. Jpn. Soc. Fish. Oceanogr., 86(4): 153–165.

Kobari, T., R. Nakamura, M. Noguchi-Aita and M. Kitamura (2022) Mesopelagic community supported by epipelagic production in the western North Pacific Ocean based on stable isotope ratios of carbon and nitrogen. Deep-Sea Res. I, 182: 103722.

Kobari, T., M. Shinyashiki, K. Saito, G. Kume, M. Ichinomiya, T. Komorita, H. Miyamoto, Y. Okazaki, F.

Makino, R. Fukuda, F. Hyodo and M. Noguchi-Aita (2022) Trophic sources and pathways of mesozooplankton and fish larvae in the Kuroshio and its neighboring waters based on stable isotope ratios of carbon and nitrogen. Prog. Oceanogr., 210: 102952.

Kobayashi S and M. Vazquez Archdale (2022) Burrow utilization by the Japanese mitten crab *Eriocheir japonica* in the clay sediment of a freshwater river of Kyushu, Japan Crustac. Res., 51: 17–29

Kodama, M., J. Hayakawa, S. Oba and T. Kawamura (2022) Seasonal dispersal of gammaridean amphipods away from *Sargassum* beds in relation to host macroalgal defoliation. Mar. Ecol. Prog. Ser., 681: 117–128.

Kodama, M., K. N. White, T. K. Hosoki and R. Yoshida (2022) Leucothoid amphipod and terebellid polychaete symbiosis with description of a new species of *Leucothoe* Leach, 1814 (Crustacea: Amphipoda: Leucothoidae). Syst. Biodivers., 20(1): 2118389.

Koizumi, K., I. Yoshida, M. Kumagai, M. Ide, T. Kato, T. Mishima, M. Kotaniguchi, S. Kitamura, K. Fujita and T. Igarashi (2022) Development of a post-column HPLC method for molecular weight-independent quantification of hyaluronic acid. Nippon. Shokuhin Kagaku Kogaku Kaishi, 69(1): 17–29.

Manako, Y., T. Kobari, M. Ichinomiya, T. Komorita, A. Habano, T. Azuma and G. Kume (2022) Growth activity of fish larvae appearing in the Kuroshio and its neighbouring waters. Bull. Plankton Soc. Jpn., 69(2): 93–101.

Manako, Y., T. Kobari, G. Kume, F. Hyodo, M. Noguchi, M. Ichinomiya, T. Komorita, R. Kawabe, I. Nakamura, K. Komeyama and H. Tsuchida (2022) Prey of whale sharks visiting the northern Satsunan area (western North Pacific Ocean). Bull. Plankton Soc. Jpn., 69(1): 18–24.

Matsui, H., S. Sugihara, M. Wada, T. Ozaki, T. Saitoh and T. Kotani (2022) Application of genetic disruption of a *Nannochloropsis oceanica* cell wall synthesizing gene to n-3 HUFA enrichment of *Brachionus plicatilis*. Aquaculture, 552: 738022.

- Mawa, Z., M. Y. Hossain, M. R. Hasan, M. A. Rahman, S. Tanjin and J. Ohtomi (2022) Life history traits of *Mystus vittatus* in the Ganges River, Bangladesh: recommendation for its sustainable management considering climate change. *Int. J. Biometeorol.*, 66: 927–943.
- Mzengereza, K., M. Ishikawa, S. Koshio, R. S. Shadrack, Y. Zhang, S. Dossou, T. Kotani, S. A. Shahin, A. I. Zaineldin, V. Waqalevu, M. A. O. Dawood, A. M. Hassan, M. M. Al-Sharif and M. F. E. Basuini (2022) Responses of growth, blood health, pro-inflammatory cytokines genes, intestine and liver histology in red seabream (*Pagrus major*) to camelina meal. *Aquac. Rep.*, 24: 101175.
- Nawer, F., W. Doi and J. Ohtomi (2022) Oocyte and embryonic development, size at sexual maturity, and spawning season of *Charybdis bimaculata*. *Fish. Sci.*, 88(4): 449–459.
- Nishikawa, K., N. Taki, K. Nishikibe, M. Kumagai and Y. Morimoto (2022) Total synthesis, revised structure, and cytotoxic activities of iubol. *Chem. Lett.*, 51(10): 1000–1003.
- Nishikibe, K., K. Nishikawa, M. Kumagai, M. Doe and Y. Morimoto (2022) Asymmetric total syntheses, stereostructures, and cytotoxicities of marine bromotriterpenoids aplysiols B (Laurenmariannol) and sainiacenol A. *Chem.: Asian J.*, 17(1): e202101137.
- Ohtomi, J., K. Hirowatari, M. M. Rahman, L. Havimana and Y. Masuda (2022) First report on reproductive features of shadow driftfish *Cubiceps whiteleggei* (Perciformes: Nomeidae): an effort towards sustainable management. *Sustainability*, 14(14): 8813.
- Okamoto, M., N. Yagishita, T. Kubota, T. Maeda, J. Ohtomi and H. Motomura (2022) Additional specimens of three synagropids, *Paras combrops serratospinosus*, *Parascombrops mochizukii*, and *Parascombrops nakayamai*, from Kyushu, Japan. *Ichthy. Nat. Hist. Fish. Jpn.*, 26: 18–25.
- Rahman, M. A., M. Y. Hossain, M. A. R. Hossain, Z. F. Ahmed, A. Jaman and J. Ohtomi (2022) Are there any effects of eco-climatic factors on freshwater prawn reproduction: a study on monsoon river prawn, *Macrobrachium malcolmsonii*. *Environ. Sci. Pollut. Res.*, 29: 83273–83290.
- Sarmin, M. S., M. A. Rahman, M. F. Parvin, M. S. Khatun, K. A. Habib, W. Sabbir, J. Ohtomi and M. Y. Hossain (2022) Temporal variation of biometric indices for *Megalaspis cordyla* (Linnaeus, 1758) from the Bay of Bengal, Bangladesh. *Sarhad Journal of Agriculture*, 38(5): 300–310.
- Sato, Y., G. N. Nishihara, A. Tanaka, D. F. C. Belleza, A. Kawate, Y. Inoue, K. Hinode, Y. Matsuda, S. Tanimae, K. Tozaki, R. Terada and H. Endo (2022) Variability in the net ecosystem productivity (NEP) of seaweed farms. *Front. Mar. Sci.*, 9: 861932.
- Shadrack, R.S., M. Ishikawa, S. Yokoyama, S. Koshio, M. Vazquez Archdale, Z. Yukun, K. Mzengereza, S. Seo, S. Dossou and M.F. El Basuini (2022) Specific importance of low level dietary supplementation of *Lypomyces starkeyi* CB1807 yeast strain in red sea bream (*Pagrus major*). *Ann. Anim. Sci.*, 22(3): 1–21.
- Teranishi, T., K. Nishikawa, A. Matsuura, M. Kumagai and Y. Morimoto (2022) Divergent synthesis of nerolidol-type sesquiterpenoids produced by soil bacterium from an identical starting material via diepoxide precursors: stereochemical revision and absolute configuration of a THF natural product. *Chem. Lett.*, 51(11): 1062–1066.
- Yamamura, H., H. Itoh, C. Shinzato, S. Tsuchida, T. Yamamoto and S. Kojima (2022) Genetic structure of the vestimentiferan *Lamellibrachia satsuma* revealed by microsatellite analyses. *Plankton Benthos Res.*, 17(2): 201–207.