

## 2012 ANNUAL CONTRIBUTIONS

### Author Index

- 1) Ahamed, F. and J. Ohtomi (2012). Growth patterns and longevity of the pandalid shrimp *Plesionika izumiae* (Decapoda: Caridea). *J. Crust. Biol.*, **32**(5): 733-740.
- 2) Ahamed, F., M.Y. Hossain, B. Fulanda, Z. F. Ahmed and J. Ohtomi: Indiscriminate exploitation of wild prawn postlarvae in the coastal region of Bangladesh: A threat to the fisheries resources, community livelihoods and biodiversity. *Ocean Coast. Manag.*, **66**: 56-62.
- 3) Ahmed, Z.F., M.Y. Hossain and J. Ohtomi (2012). Condition, length-weight and length-length relationships of the Silver hatchet chela, *Chela cachius* (Hamilton, 1822) in the Old Brahmaputra River of Bangladesh. *J. Freshwater Ecol.*, **27**(1): 123-130.
- 4) Ahmed, Z.F., M.Y. Hossain and J. Ohtomi (2012). Modeling the growth of Silver hatchet chela, *Chela cachius* (Cyprinidae) from the Old Brahmaputra River in Bangladesh using multiple-functions. *Zool. Stud.*, **51**(3): 336-344.
- 5) Chiba, S., H. Sugisaki, A. Kuwata, K. Tadokoro, T. Kobari, A. Yamaguchi and D. L. Mackas (May-July 2012). Pan-North Pacific comparison of long-term variation in *Neocalanus* copepods based on stable isotope analysis. *Prog. Oceanogr.*, **97-100**: 63-75.
- 6) Fujieda, S. (2012). Marine Litter on the Coast of Japan and its Provision. *J. Environmental Conservation Eng.*, **41**(7): 415-420 (in Japanese).
- 7) Fujieda, S., Y. Ohkura, and S. Morrison (2012). Estimate of the outflow area of marine debris using disposable lighters as an indicator item on the beach of northern Australia. *J. Driftological Soc.*, **10**: 19-22.
- 8) Hassani, A.A.I., Y. Kaminishi, A. Funahashi, T. Itakura (2012). Cytochrome P450 1C1 complementary DNA cloning, sequence analysis and constitutive expression induced by benzo-a-pyrene in Nile tilapia (*Oreochromis niloticus*). *Aquat. Toxicol.*, **109**:17- 24.
- 9) Hasunuma, H., Takagi, M., Kawamura, O., Taniguchi, C., Nakamura, M., Chuma, T., Uno, S., Kokushi, E., Matsumoto, D., Tshering, C., Deguchi, E., Fink-Gremmels, J. (2012) Natural contamination of dietary rice straw with zearalenone and urinary zearalenone concentrations in a cattle herd. *J. Anim. Sci.*, **90**(5): 1610-1616.
- 10) Hoshika, A., Y. Takasugi, T. Tanimoto, E. Hashimoto, S. Fujieda, T. Ishino, M. Okumura, S. Sasakura, K. Nakashima, T. Teratani, Y. Sato, and T. Shimizu (2012). Study on the establishment of an information support system for the marine litter problem. *GSI Interim Rep.* **57**:18-41, 62-71 (in Japanese).
- 11) Hossain, M. Y., M. A. S. Jewel, B. Fulanda, F. Ahamed, S. Rahman, S. Jasmine and J. Ohtomi (2012). Dynamics of Cyanobacteria *Planktothrix* species (Oscillatoriales: Phormidiaceae) in earthen fish ponds, northwestern Bangladesh. *Sains Malaysiana*, **41**(3): 277-284.
- 12) Hossain, M.Y., J. Ohtomi, A. Jaman, S. Jasmine and R.L. Vadas, Jr. (2012) Life-history traits of the Monsoon River prawn *Macrobrachium malcolmsonii* (Milne-Edwards, 1844) (Palaemonidae) in the Ganges (Padma) River, northwestern Bangladesh. *J. Freshwater Ecol.*, **27**(1): 131-142.
- 13) Hossain, M.Y., M.A.S. Jewel, L. Nahar, M. Mosaddequr Rahman, A. Naif and J. Ohtomi (2012) Gonadosomatic index-based size at first sexual maturity of the catfish *Eutropiichthys vacha* (Hamilton, 1822) in the Ganges River (NW Bangladesh). *J. Appl. Ichthyol.*, **28**(4): 601-605.
- 14) Imaoka, Y., A. Yamamoto, K. Araki and Erlinda C. Lacierda (2012). Influence of Water Temperature on Outbreaks of Mycobacteriosis in Cultured Yellowtail *Seriola quinqueradiata*. *Aquaculture Science*, **60**(3):405-410. (In Japanese).
- 15) Ishino R., S. Iehata, M. Nakano, R. Tanaka, T. Yoshimatsu, and H. Maeda (2012). Bacterial diversity associated with

- the rotifer *Brachionus pliacatilis* sp. complex determined by culture-dependant and -independant methods. *Biocontrol Sci.*, **17**(1): 51-56.
- 16) Kawano T, T. Igari, Y. Imayoshi, T. Tanaka, S. Tokunaga, S. Yoshimitsu and R. Terada (2012). Distribution of temperate/tropical seagrass in Satsunan Islands and adjacent waters, Kagoshima Prefecture, *Japan Aquaculture Science*, **60**: 359-369 (in Japanese).
- 17) Kawano, T., G. N. Nishihara and R. Terada (2012). Phenology and photosynthetic characteristics of a Japanese seagrass, *Zostera marina*, at its southern-end of distribution in the northwestern Pacific. *Nippon Suisan Gakkaishi*, **78**: 692-704 (in Japanese).
- 18) Kobari, T., S. Sugimoto, A. Shinomiya, K. Kawai and S. Nishimura (March 2012). Food availability for larvae of *Plecoglossus altivelis ryukyuensis* in the Yakugachi river of Amami-oshima island, *Japan. Aquacult. Sci.*, **60**: 53-58.
- 19) Kokushi, E., Uno, S., Harada, T., Koyama, J. (2012) 1H-NMR based metabolomics approach to assess toxicity of bunker A heavy oil to freshwater carp, *Cyprinus carpio*. *Environ. Toxicol.*, **27**(7): 404-414.
- 20) Koyama, J., Takenouchi, A., Nigaya, S., Kokushi, E., Uno, S. (2012) Organotin residues in Rock Shell, *Thais clavigera*, and their sources in Kagoshima Bay, *Japan. Aquat. Ecosyst. Health. Manag.*, **15**(3): 260-266.
- 21) Lideman, G. N. Nishihara, T. Noro and R. Terada (2012) Effect of Temperature and light on the photosynthetic performance of *Meristotheca coacta* Okamura and *Meristotheca papulosa* J. Agardh (Solieriaceae, Rhodophyta) from Japan. *Aquaculture Science*, **60**: 377-388 (in Japanese).
- 22) Maeda H. (2012) Good and bad bacteria in bio-business. *Chiikikeizaijyouhou*, **267**: 2-6 (in Japanese).
- 23) Matsuoka, T., H. Suzuki and M. Vazquez Archdale (2012). Morphological and functional characteristics of setae involved in grooming, water uptake and water circulation of the soldier crab *Mictyris guinotae* (Decapoda, Branchyura, Mictyridae). *Crustaceana* **85** (8): 975-986.
- 24) Miyashima A., T. Kotani, H. Tawa, and H. Fushimi (2012). Relationship between oxygen consumption, growth and survival of larval fishes. *Aquac. Res.*, **43**(5): 679-687.
- 25) Muangmai, N., Y. Yamagishi, R. Terada and S. Kawaguchi (2012). A Morphological and molecular study on the Gracilariaceae (Gracilariales, Rhodophyta) around the Hakata Bay, northern Kyushu, Japan. *Journal of the Faculty of Agriculture, Kyushu University*, **57**: 411-420.
- 26) Nakano M., S. Iehata, R. Tanaka, and H. Maeda (2012). Extracellular Neutral Lipids Produced by the Marine Bacteria *Marinobacter* sp. *Biocontrol Sci.*, **17**(2): 69-75.
- 27) Okunishi S., Y. Morita, T. Higuchi, H. Maeda and K. Nishi(2012). Transformation of microflora during degradation of gaseous toluene in a biofilter detected using PCR-DGGE. *J. Air Waste Manage.*, **62**(7): 748-757.
- 28) Pal S., E. Kokushi, J. Koyama, S. Uno and A. R. Ghosh (2012). Histopathological alterations in gill, liver and kidney of common carp exposed to chlorpyrifos. *Journal of Environmental Science and Health., Part B*, **47**, 180-195.
- 29) Pal, S., Kokushi, E., Koyama, J., Uno, S., Ghosh, A. R. (2012). Histopathological alterations in gill, liver and kidney of common carp exposed to chlorpyrifos. *J. Environ. Sci. Health B*, **47**(3): 180-195.
- 30) Santander-De Leon, S.M.S., S. Okunishi, M. Kihira, M. Nakano, S.N. Nuñal, M. Hidaka, T. Yoshikawa, and H. Maeda (2013). Characterization of the bacterial community in the sediment of a brackish lake with oyster aquaculture. *Biocontrol Sci.*, **18**(1): 29-40.
- 31) Santander-De Leon, S.M.S., S. Okunishi, M. Kihira, M. Nakano, S.N. Nuñal, M. Hidaka, T. Yoshikawa, and H. Maeda (2013). Effect of magnesium peroxide biostimulation of fish feed-loaded marine sediments on changes in the bacterial community. *Biocontrol Sci.*, **18**(1): 41-51.

- 32) Shimabukuro, H., T. Imamura, S. Arai, T. Tanaka, Y. Imayoshi, T. Yoshida and R. Terada (2012). Seaweed/ Seagrass community and its habitat characteristics from a landlocked brackish-water lagoon in KamiKoshiki-jima Island, Kagoshima Prefecture, Japan. *Japanese Journal of Phycology*, **60**: 31-40 (in Japanese).
- 33) Shono, H. (2012). Hybrid method for estimating the number of components in a finite mixture of normal distribution from length frequency data to age composition. *Bull. Jap. Soc. Fish. Oceanogr.*, **76**(3): 115-122 (in Japanese).
- 34) Song, J., Nakayama, K., Kokushi, E., Ito, K., Uno, S., Koyama, J., Rahman, H., Murakami, Y., Kitamura, S. (2012) Effect of heavy oil exposure on antibacterial activity and expression of immune-related genes in Japanese flounder *Paralichthys olivaceus*. *Environ. Toxicol. Chem.*, **31**(4): 828-835.
- 35) Suzuki, M., H. Nozaki, R. Terada, T. Kitayama, T. Hashimoto and M. Yoshizaki (2012). Morphology and molecular relationships of *Leptofaucha leptophylla* comb. nov. (Rhodymeniales, Rhodophyta) from Japan. *Phycologia*, **51**: 479-48.
- 36) T. Yoshikawa, R.B. Sadaba, S. Uno, J. Koyama, K. Murata, S.M.S. Santander-e Leon, S.N. Nuñal, K. Tanaka, and H. Maeda (2013). Remediation of organically and chemically polluted marine tropical or subtropical fishing grounds: an approach of the bioremediation group. *Mem. Fac. Fish. Kagoshima Univ., Special Issue*: 5-12.  
Terada, R. (2012). 4-1-1, Seaweeds. In Watanabe, M. (ed.), *Handbook of algae – Their diversity and utilization*. pp. 556-560, NTS, Tokyo (in Japanese).
- 37) Terada, R. (2012). 4-2-14 *Betaphycus*, *Eucheuma* and *Kappaphycus*. In Watanabe, M. (ed.), *Handbook of algae – Their diversity and utilization*. pp. 621-624, NTS, Tokyo (in Japanese).
- 38) Terada, R. (2012). 4-2-15 *Gracilariaceae*. In Watanabe, M. (ed.), *Handbook of algae – Their diversity and utilization*. pp. 625-630, NTS, Tokyo (in Japanese).
- 39) Terada, R., T. Tanaka and M. Uchinura (2012). Morphology and distribution of *Caulerpa lentillifera* J. Agardh (Chrolophyceae) in Japanese waters, including the first record from southern Kyushu and northern Ryukyu Islands. *Journal of Japanese Botany* **87**: 260-267 (in Japanese).
- 40) Tsuchiya, Y., G. N. Nishihara, and R. Terada (2012). Photosynthetic and temperature characteristics of five *Sargassum* species (Fucales), *S. piluliferum*, *S. patens*, *S. fusiforme*, *S. crispifolium*, and *S. alternato-pinnatum* from Kagoshima, Japan, using dissolved oxygen sensor and pulse-amplitude-modulated (PAM) fluorometer. *Nippon Suisan Gakkaishi*, **78**: 189-197 (in Japanese).
- 41) Uno, S., Shintoyo, A., Kokushi, E., Yamamoto, M., Nakayama, K., Koyama, J. (2012) Gas chromatography-mass spectrometry for metabolite profiling of Japanese medaka (*Oryzias latipes*) juveniles exposed to malathion. *Environ. Sci. Pollut. Res.*, **19**(7): 2595-2605.
- 42) Yang Li, W. Hongyi, M. Komatsu, K. Ishibashi, L. Jinsan, T. Ito, T. Yoshikawa and H. Maeda (2012). Isolation and characterization of bacterial isolates algicidal against harmful Bloom-forming cyanobacterium *Microcystis aeruginosa*. *Biocontrol Sci.*, **17**(3):107-114.
- 43) Yokota, K., Mituhasi, T., Minami, H., and Kiyota, M. (2012). Perspectives on the morphological elements of circle hooks and their performance in pelagic longline fisheries. *Bull. Mar. Sci.*, **88**(3), 623-629.