

2009 ANNUAL CONTRIBUTIONS

Author Index

- 1) Adachi, T., N. Kohashi, and T. Kobari (2009). Water quality and plankton composition during blooming of harmful algae in Kagoshima Bay. *Suikougaku Ronbunshu*, **53**: 1507-1512 (in Japanese with English abstract).
- 2) Andres, M., J.-H. Park, M. Wimbush, X.-H. Zhu, H. Nakamura, K. Kim, and K.-I. Chang (2009). Manifestation of the Pacific Decadal Oscillation in the Kuroshio. *Geophys. Res. Lett.*, 3636, L16602, DOI: 10.1029/2009GL039216.
- 3) Anraku, K., H. Goubayashi, S. Nakamura, H. M. Monteclaro, T. Kasedou, and T. Onoue (2009). Optimum concentration of magnesium (Mg^{2+}) to anesthetize *Octopus vulgaris*. *Mem. Fac. Fish. Kagoshima Univ.*, **58**: 15-19 (in Japanese with English abstract).
- 4) Babaran, R. P., C. Endo, Y. Mitsunaga, and K. Anraku (2009). Telemetry study on juvenile yellowfin tuna around a payao in the Philippines. *Fish. Engineering*, **46** (1): 21-28.
- 5) Babaran, R. P., C. M. Jr. Selorio, K. Anraku, and T. Matsuoka (2009). Comparison of the food intake and prey composition of payao-associated and free-swimming bigtooth pomfret *Brama orcini*. *Fish. Res.*, 95 (1): 132-137.
- 6) Baloch, W. A. and H. Suzuki (2009). Summer zooplankton composition, vertical distribution and biomass in Lake Ikeda, southern Kyushu, Japan. *Sindh Univ. Res. Jour. (Sci. Ser.)*, **41** (2): 35-40.
- 7) Choudhury, M., S. Yamada, M. Komatsu, H. Kishimura, and S. Ando (2009). Homologue of mammalian apolipoprotein A-II in nonmammalian vertebrates. *Acta Bioch Bioph Sin*, **41**: 370-378.
- 8) Ebata, K., (2009). Movement of a trolling depressor used in trolling fishery, *Fish. Engin.* **45**: 179-185 (in Japanese).
- 9) Ebata, K., A. Higashi, A. Shiomitsu, S. Saisho, Y. Ide, and I. Sunasaka (2009). Use of small concrete blocks for restoration of the abalone habitat along the coast of Tanegashima, *J. Civil Engin. Ocean*, **25**:129-134 (in Japanese).
- 10) Ebata, K., K. Anraku, K. Yokota, and Y. Kukiya (2009). Shochu waste stillage as a bait in pot fishing for catching the octopus, *Octopus vulgaris*, *Jpan J. Taste Smell Res.*, **16**: 589-592 (in Japanese).
- 11) Fujieda, S., J. Ohtomi, M. Higashi, and A. Habano (2009). Distribution and actual condition of seabed litter in Kagoshima Bay. *Nippon Suisan Gakkaishi*, **75**(1): 19-27 (in Japanese).
- 12) Fujieda, S. (2009). Distribution and genesis region of marine litter on the beach of Ise Bay. *Journal of Driftological Society*, **7**: 13-19 (in Japanese).
- 13) Fujieda, S. (2009). Estimation of the source and drift of marine litter making use of indicator item in the Seto Inland Sea. *Journal of Coastal Zone Studies*, **22**(2):27-36 (in Japanese).
- 14) Fujiwara, Y., T. Okutani, T. Yamanaka, M. Kawato, C. Mizota, K. Fujikura, T. Yamamoto, and K. Okoshi (2009). *Solemya pervernicosa* lives in sediment underneath submerged whale carcasses: its biological significance. *Venus*, **68**(1-2): 27-37.
- 15) Fulanda, B., J. Ohtomi, C. Munga, M. Osore, R. Mugo, and M. Y. Hossain (2009). The structure and evolution of the coastal migrant fishery of Kenya. *Ocean & Coastal Management*, **52**: 459-466.
- 16) Hassanin, A. A. I., Y. Kaminishi, M. M. M. Osman, Z. H. Abdel-Wahad, M. A. H. El-Kady, and T. Itakura (2009). Development and application of a Real-Time Quantitative PCR assay for determining expression of Benzo-a-pyrene-Inducible Cytochrome P450 1A in Nile tilapia (*Oreochromis niloticus*). *Afr. J. Biotechnol.*, **8** (23): 6588-6595.

- 17) Hassanin, A. A. I., Y. Kaminishi, M. M. M. Osman, Z. H. Abdel-Wahad, M. A. H. El-Kady, and T. Itakura (2009). Cloning and sequence analysis of benzo-a-pyreneinducible cytochrome P450 1A in Nile tilapia (*Oreochromis niloticus*). *Afr. J. Biotechnol.*, **8** (11): 2545-2553.
- 18) Hayashi, K., K. Konno, K. Adachi, T. Nawamura, Y. Shizuri, Y. Okita, and I. Kimura (2009). Suppressing effect of Neocarrabiose 4-O-sulfate on thermal and freeze denaturation of myosin subfragment-1 and myofibrils. *Fish. Sci.*, **75**(3): 797-803.
- 19) Hossain, M. Y., J. Ohtomi, and Z. F. Ahmed (2009). Morphometric, Meristic Characteristics and Conservation of the Threatened Fish, *Puntius sarana* (Hamilton, 1822) (Cyprinidae) in the Ganges River, Northwestern Bangladesh. *Turkish Journal of Fisheries and Aquatic Sciences*, **9**: 223-225.
- 20) Hossain, M. Y., J. Ohtomi, Z. F. Ahmed, A. H. M. Ibrahim, and S. Jasmine (2009). Length-weight and morphometric relationships of the tank goby *Glossogobius giuris* (Hamilton, 1822) (Perciformes: Gobiidae) in the Ganges of the northwestern Bangladesh. *Asian Fisheries Science*, **22**: 961-969.
- 21) Hossain, M. Y., S. Jasmine, A. H. M. Ibrahim, Z. F. Ahmed, M. M. Rahman, and J. Ohtomi (2009). Length-weight and length-length relationships of 10 small species from the Ganges, Bangladesh. *J. Appl. Ichthyol.*, **25**: 117-119.
- 22) Iehata, S., T. Inagaki, S. Okunishi, M. Nakano, R. Tanaka, and H. Maeda (2009). Colonization and probiotic effects of lactic acid bacteria in the gut of the abalone *Haliotis gigantean*. *Fish. Sci.*, **75**: 1285-1293.
- 23) Itakura, T., M. Ishizuka, H. Teraoka, and S. Fujita (2009). P450 enzymes in fish, in "Molecular Biology of P450, second edition" (ed. by Ishimura, T., T. Ohmura, and Y. Fuji). Kodansha Scientific, Tokyo, pp. 195-208 (in Japanese).
- 24) Izumo, K., M. Horiuchi, M. Komatsu, K. Aoyama, K. Bandow, T. Matsuguchi, M. Takeuchi, and T. Takeuchi (2009) Dehydroepiandrosterone increased oxidative stress in a human cell line during differentiation. *Free Radical Res.*, **43**: 922-931.
- 25) Kadowaki, S. (2009). Material circulated poly-eco-aquaculture in coastal fish farm, *AquaNet*, **133**: 26-31 (in Japanese).
- 26) Kakuno, A., A. Shimizu, J. Koyama, T. Onduka, K. Mochida, and K. Fujii (2009). Comparison of acute-chronic toxicity ratios of four chemicals between red sea bream (*Pagrus major*) and mummichog (*Fundulus heteroclitus*). *Aquaculture Sci.*, **57**: 201-209.
- 27) Kakuno, A., J. Koyama, T. Onduka, K. Mochida, and K. Fujii (2009). The comparison of the critical body residues and toxicity between marine fish mummichog, *Fundulus heteroclitus* and red sea bream, *Pagrus major* for environmental chemicals. *Aquaculture Sci.*, **57**: 19-30.
- 28) Kamei, Y., M. Sueyoshi, K. Hayashi, R. Terada, and H. Nozaki (2009). The novel anti-Propionibacterium acnes compound, Sargafuran, found in the marine brown alga *Sargassum macrocarpum*. *J. Antibiot.*, **62**: 259-263.
- 29) Kawamura, G., T. Naohara, Y. Tanaka, T. Nishi, and K. Anraku (2009). Near-ultraviolet radiation guides the emerged hatchlings of loggerhead turtles *Caretta caretta* (Linnaeus) from a nesting beach to the sea at night. *Marine and Freshwater Behaviour and Physiology*, **42** (1): 19-30.
- 30) Khan, M. Iqbal and H. Suzuki (2009). Length-weight relationships and condition factor of the Japanese silver-biddy, *Gerres equulus*, in the Yatsushiro Sea, western Kyushu, Japan. *J. Appl. Ichthyol.*, **25** (2): 219-222.
- 31) Kobari, T., Y. Kobari, T. Ichikawa, Y. Kugita, T. Yoshida, T. Fujii, S. Furuhashi, T. Yamamoto, A. Habano, and R. Fukuda (2009). Seasonal dynamics of microbial plankton community in Kagoshima Bay. *Aquabiology*, **31**: 37-44 (in Japanese with English abstract).
- 32) Komatsu, K., S. Tsutsui, K. Hino., K. Araki, Y. Yoshiura, A. Yamamoto, Nakamura, and O., T. Watanabe (2009). Expression profiles of cytokines released in intestinal

- epithelial cells of the rainbow trout, *Oncorhynchus mykiss*, in response to bacterial infection. *Dev. Comp. Immunol.*, **33**:499-506.
- 33) Koyama, J., M. Murakami, and S. Uno (2009). Immunotoxicity of tributyl tin to Japanese sea bass, *Lateolabrax japonicus* and red sea bream, *Pagrus major*, in relation to their body burden. *Japanese Journal of Environmental Toxicology*, **12**, 123-133.
- 34) Kumazawa, T., F. Hu, S. Fuwa, K. Nagamatsu, H. Kinoshita, and T. Tokai (2009). Model test of trawl gear with a net-mouth opening device based on modified Tauti's law. *Nippon Suisan Gakkaishi*, **75**: 793-801.
- 35) Maeda, H., K. Hodokawa, S. Okunishi, and M. Hidaka (2009). Suppression of red tide by chemicals. *Bull. of the Plankton Soci. of Japan*, **52**: 69-73 (in Japanese).
- 36) Manabe, H., K. Hagiwara, A. Yonemori, K. Fujiwara, and A. Shinomiya (2009). Semi-lunar spawning cycle and mating tactics in the marine goby *Asteropteryx semipunctata*. *Ichthyol. Res.*, **56**(1): 92-95.
- 37) Murata, Y., E. Okazaki, M. Kimura, S. Imamura, Y. Hiraoka, and I. Kimura (2010). Gel forming ability and freeze tolerance of ground fish meat with high content of ATP. *Journal of Fisheries Technology*, **2**(2): 105-110 (in Japanese).
- 38) Nakajima, S. and A. Yamamoto (2009). Molecular identification of Anisakis type I larvae in Japan (East China Sea). *Aquacult.*, **57**(4): 525-530 (in Japanese).
- 39) Nakamura, O., W. Yukihiro, F. Namai, E. Saito, K. Araki, A. Yamamoto, and S. Tsutsui (2009). A novel C1q family member with fucose-binding activity from surfperch, *Neoditrema ransonnetii* (Perciformes, Embiotocidae). *Fish & Shellfish Immunol.*, **27**(6):714-720.
- 40) Nakane, Y., Y. Suda, Y. Hayakawa, J. Ohtomi, and M. Sano (2009). Predation pressure for a juvenile fish on an exposed sandy beach: comparison among beach types using tethering experiments. *La Mer*, **46**: 109-115.
- 41) Nakano, M., I. Sugahara, R. Tanaka, and H. Maeda (2009). Denitrifying Activity and Homologous Enzyme Analysis of *Alcanivorax dieselolei* Strain N1203. *Biocontrol Science*, **14**: 97-105.
- 42) Nanjo, N. and J. Ohtomi (2009). Reproductive biology of the glass shrimp *Pasiphaea japonica* in Toyama Bay, central Japan. *Fish. Sci.*, **75**(5): 1189-1195.
- 43) Ohtomi, J. (2009). Introduction to the state of the semi-enclosed deeper water Kagoshima Bay, southern Japan. *Aquabiology*, **31**(1): 3-5 (in Japanese).
- 44) Ohtomi, J., K. Kumagai, and K. Akaishi (2009). Demersal fishes and shellfishes in Kagoshima Bay. *Aquabiology*, **31**(1): 21-27 (in Japanese).
- 45) Oku, T., A. Sugawara, M. Choudhury, M. Komatsu, S. Yamada, and S. Ando (2009). Lipid and fatty acid compositions differentiate between wild and cultured Japanese eel (*Anguilla japonica*). *Food Chem.*, **115**: 436-440.
- 46) Orkuma, J., Cheikyula, J. Koyama, and S. Uno (2009). Micronuclei and other Nuclear Abnormalities Formation in the Red Sea Bream, *Pagrus major*, Exposed to Polycyclic Aromatic Hydrocarbons. *Japanese Journal of Environmental Toxicology*, **12**: 33-39.
- 47) Rahman, M. M., M.Y. Hossain, Q. Jo, S.K. Kim, and J. Ohtomi, C. Meyer (2009). Ontogenetic shift in dietary preference and low dietary overlap in rohu (*Labeo rohita*) and common carp (*Cyprinus carpio*) in semi-intensive polyculture ponds. *Ichthyol. Res.*, **56**: 28-36.
- 48) Sakurai, M., S. Nakakouji, H. Manabe, S. Dewa, A. Shinomiya, and T. Sunobe (2009). Bi-directional sex change and gonad structure in the gobiid fish *Trimma yanagitai*. *Ichthyol. Res.*, **56**(1): 82-86.
- 49) Shigehiro, R. and T. Tone (2009). Influence of Propeller Race on the Evaluation of Course Stability by means of Slewing Motions in a Towed Condition, *Journal of the Japan Soc. of Naval Architects and Ocean Engineering*, **10**: 143-151 (in Japanese).

- 50) Tanaka, R., Y. Sako, and H. Maeda (2009). *Rhodothermus clarus* sp. nov., a strictly aerobic, thermophilic bacterium isolated from a terrestrial hot spring. *The Bull. of the Graduate School of Bioresources, Mie University*, **35**: 39-45.
- 51) Terada, R. (2009). Common useful seaweeds of Ryukyu Islands, southern Japan. *Jpn. J. Phycol.*, **57**(1): i-ii.
- 52) Yamamoto, T., A. Masuya, K. Matsushita, and M. Sato (2009). Changes in the macrobenthic fauna of the Shigatomi-higata tidal flats in Kagoshima Bay: Comparison between 1994 and 2005. *Japanese Journal of Benthology*, **64**: 32-44 (in Japanese).