

2021

Acebes, J. M., Okabe, H., Kobayashi, N., Nakagun, S., Sakamoto, T., Hirney, B., Higashi, N., Uchida, S. 2021. Interchange and movements of humpback whales between western North Pacific winter breeding grounds in northern Luzon, Philippines and Okinawa, Japan. *Journal of Cetacean Research and Management*, 22: 39–53.

Narazaki T, Nakamura I, Aoki K, Iwata T, Shiomi K, Luschi P, Suganuma H, Meyer CG, Matsumoto R, Bost CA, Handrich Y, Amano M, Okamoto R, Mori K, Cicciione S, Bourjea J, Sato K. 2021. Similar circling movements observed across marine megafauna taxa. *iScience* 24: 102221.

Acebes, J. M., Okabe, H., Kobayashi, N., Nakagun, S., Higashi, N., Uchida, S. 2021. Interchange and movements of humpback whales (*Megaptera novaeangliae*) between western North Pacific winter breeding grounds in northern Luzon, Philippines and Okinawa, Japan. *J. Cetacean Res. Manage.*, 22(1): 39–53.

Fujishima, K., Sasai, T., Hibino, Y., Nishizawa, H. 2021. Morphology, diet, and reproduction of coastal *Hydrophis* sea snakes (Elapidae: Hydrophiinae) at their northern distribution limit. *Zoological Science* 38(5): 1–11.

Ha, L.-M., Oka, S., Iguchi, K. 2021. Fluctuating asymmetry in the insular population of ayu, *Plecoglossus lavelensis ryukyuensis*, estimating its genetic diversity at extinction. *Ichthyological Research*, <https://doi.org/10.1007/s10228-021-00840-3>

Hanahara, N., Miyamoto, K., Oka, S. 2021. Northernmost Record of the Surgeonfish *Acanthurus nigros* (Teleostei: Acanthuridae) from Minamidaitojima Island, Southern Japan. *Species Diversity*, 26(1): 43–47.

Ikeshima, S., Higa, S., Mitani, Y., Omata, M., Kobayashi, N., Ueda, K., Kawazu, I. 2021. First Observation of Pregnancy and Parturition in a Captive Pantropical Spotted Dolphin (*Stenella attenuata*). *Mammal Study*, 46(4): 1–6.

Inoue, T., Hara, T., Nakazato, K., Oka, S. 2021. Superior mechanical resistance in the exoskeleton of the coconut crab, *Birgus latro*. *Materials Today Bio*, 100132.

Inoue, T., Oka, S., Hara, T. 2021. Three-dimensional microstructure of robust claw of

coconut crab, one of the largest terrestrial crustaceans. Materials & Design, 206, 109765.

Inoue, T., Oka, S., Nakazato, K., Hara, T. 2021. Structural Changes and Mechanical Resistance of Claws and Denticles in Coconut Crabs of Different Sizes. Biology, 10, 1304.

Kawazu, I., Komesu, K., Kayo, M., Inoue, T., Kino, M., Maeda, K., Fukada, S. 2021. Nesting and reproductive ecology of hawksbill turtles on Okinawajima Island, Japan. The Biological Magazine Okinawa. 45–50.

Kise, H., Montenegro, J., Santos, M.E.A., Hoeksema, B.W., Ekins, M., Ise, Y., Higashiji, T., Fernandez, I.S., Reimer, J.D. 2021. Evolution and phylogeny of glass-sponge-associated zoantharians, with a description of two new genera and three new species. Zoological Journal of the Linnean Society. XX, 1–25.

Kobayashi, N., Okabe, H., Higashi, N., Miyahara, H., Uchida, S. 2021. Diel patterns in singing activity of humpback whales in a winter breeding area in Okinawan (Ryukyu) waters. Marine Mammal Science. 2021: 1–11.

Kobayashi, N., Ozawa, S., Hanahara, N., Tokutake, K., Kaneshi, T., Inoue, K., Okabe, H., Miyamoto K., Ueda, K. 2021. The first record of a Longman's beaked whale (*Indopacetus pacificus*) newborn neonate found on Miyako Island, Okinawa, Japan. Marine Biodiversity Records, 14(1): 1–12.

Kobayashi, N., Tokutake, K., Yoshida, H., Okabe, H., Miyamoto, K., Ito, H., Higashi, N., Fukada, S., Yamazaki, K., Higa, S., Kawazu, I., Ueda, K. 2021. The First Stranding Record of Longman's Beaked Whale (*Indopacetus pacificus*) in Okinawa, Japan. Aquatic Mammals, 47(2).

Kitayama, C., Ueda, K., Omata, M., Tomita, T., Fukada, S., Murakami S., Tanaka, Y., Kaji, A., Kondo, S., Suganuma, H., Aiko, Y., Fujimoto, A., Kawai, Y., Yanagawa, M., Kondoh, D. 2021. Morphological features of the nasal cavities of hawksbill, olive ridley, and black sea turtles: Comparative studies with green, loggerhead and leatherback sea turtles. PLoS ONE, 16(4) e0250873.

Minakawa, T., Takahashi, S., Azakami, D., Nakamura, M., Ueda, K. 2021. Intralesional bleomycin treatment for an oral squamous cell carcinoma in Indo-Pacific bottlenose dolphin

(*Tursiops aduncus*). Japanese Journal of Zoo and Wildlife Medicine, 26(4): 147–151.

Murata, R., Nozu, R., Mushirobira, Y., Amagai, T., Fushimi, J., Kobayashi, Y., Soyano, K., Nagahama, Y., Nakamura, M. 2021. Testicular inducing steroidogenic cells trigger sex change in groupers. *Scientific reports*, 11(1): 1–7.

Nagahama, Y., Chakraborty, T., Paul-Prasanth, B., Ohta, K., Nakamura, M. 2021. Sex determination, gonadal sex differentiation, and plasticity in vertebrate species. *Physiological Reviews*, 101(3), 1237–1308.

Narazaki, T., Nakamura, I., Aoki, K., Iwata, T., Shiomi, K., Luschi, P., Suganuma, H., Meyer, C.G., Matsumoto, R., Bost, C.A., Handrich, Y., Amano, M., Okamoto, R., Mori, K., Ciccone, S., Bourjea, J., Sato, K. 2021. Similar circling movements observed across marine megafauna taxa. *iScience*, 24.

Nonaka, M., Hayashibara, T. 2021. A Report on Coralliidae (Cnidaria: Octocorallia) Specimens Collected from the Emperor Seamounts with Descriptions of Three New Species. *Species Diversity*, 26: 297–342.

Ohsaki, H., Ueda, K., Oshiro, M., Kamoshida, S., Suzuki, M., Nishiyama, A. 2021. Cytologic features of oral squamous cell carcinoma in an Indo-Pacific bottlenose dolphin (*Tursiops aduncus*): Papanicolaou stain and immunocytochemistry using liquid-based cytology. *Veterinary Clinical Pathology*, 50(3): 404–409.

Oka, S., Tokutake, K., Inoue, T. 2021. Growth analysis and population size estimation of coconut crabs based on a large recapture dataset. *Crustacean Research*, 50: 145–150.

Sasai, T., Kino, M., Miyamoto, K., Okabe, H., Maeda, Ko., Fukada, S., Maeda, Ke., Kobayashi, N., Kobuchi, T., Makabe, M., Kawazu, I. 2021. Evaluation of Marine Debris Ingestion in Sea Turtles around Okinawa Island, Japan. *Marine Turtle Newsletter* 163: 21–24.

Sasai, T., Yamamoto, T., Oka, S., Toda, M. 2021. Addition of the Sea Snake, *Hydrophis stokesii* (Squamata: Elapidae), to the Herpetofauna of Japan. *Current Herpetology* 40(2): 190–196.

Takahashi, R., Kobayashi, N., Higa, S., Sakai, M. 2021. The passage time of prey through the

digestive tract of Indo-Pacific bottlenose dolphin (*Tursiops aduncus*). Japanese Journal of Zoo and Wildlife Medicine. 26(4):149–152.

Takata, K., Iwase, F., Iguchi, A., Yuasa, H., Taninaka, H., Iwasaki, N., Uda, K., Suzuki, T., Nonaka, M., Kikuchi, T., Yasuda, N. 2021. Genome-Wide SNP Data Revealed Notable Spatial Genetic Structure in the Deep-Sea Precious Coral *Corallium japonicum*. Frontiers in Marine Science, DOI: 10.3389/fmars.2021.667481.

Tomita, T., Nakamura, M., Miyamoto, K., Nozu, R., Toda, M., Murakumo, K., Sato, K. 2021. Clasper pocket: adaptation of a novel morphological feature by lamnid sharks, which aids with tuna-like swimming. Zoomorphology, doi.org/10.1007/s00435-021-00532-6.

Tomita, T., Toda, M., Murakumo, K., Miyamoto, K., Matsumoto, R., Ueda, K., Sato, K. 2021. Volume of the whale shark and their mechanism of vertical feeding. Zoology, 125932.

Tomita, T., Nakamura, M., Nozu, R., Ogawa, N., Toda, M., Sato, K. 2022. Mode of uterine milk secretion in the white shark. The Anatomical Record, 1–8.

Tomita, T., Toda, M., Murakumo, K., Kaneko, A., Yano, N., Nakamura, M., Sato, K. 2022. Five-month incubation of viviparous deep-water shark embryos in artificial uterine fluid. Frontiers in Marine Science, 9: 825354.

Inoue, T., Oka, S., Nakazato, K., Hara, T. 2022. Columnar structure of claw denticles in the coconut crab, *Birgus latro*, Mineralsm, 12(2): 274.

Kanegae, H., Sugiura, I.M., Minakawa, T., Augusuto, M.O., Itano, E.N., Wada,S., Nakamura. Y., Shumoto, G., Sano, A., Ueda, K. 2022. Confirmation of a Suspected Case of Paracoccidioidomycosis Ceti by a Combination of Polymerase Chain Reaction and Loop-mediated Isothermal Amplification (PCR-LAMP) Analysis. Japanese Journal of Zoo and Wildlife Medicine, 26(4): 103–111.