

## New Records of the Intertidal Genus *Halorhadinus* SAWADA (Coleoptera, Staphylinidae, Aleocharinae) from Hokkaido, Japan

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The intertidal genus *Halorhadinus* SAWADA containing nine species in worldwide is confined to the western Pacific coasts of the northern hemisphere (KIM *et al.*, 2011; ONO & MARUYAMA, 2014; YOO & AHN, 2017). In Japan, eight *Halorhadinus* species have been recorded from Honshu, Shikoku and Kyushu but not from Hokkaido (SHIBATA *et al.*, 2013, 2015). Recently, we identified two *Halorhadinus* species new to Hokkaido from the specimens which we collected from the southernmost Hokkaido in 2014. They are deposited in the Chungnam National University Insect Collection (CNUIC, Daejeon) and the Systematic Entomology, Hokkaido University (SEHU, Sapporo). The following abbreviation was used in the text: AC, alcohol collection (numbers after AC indicate the number assigned to the CNUIC database).

### *Halorhadinus aequalis* SAWADA, 1971

*Material examined.* Japan: Hokkaido: 7 exs. (1 ♂ on slide; 6 exs. in 100% EtOH, AC1021), Matsumae-gun, Matsumae-chô, 41°27'3.31"N, 140°2'20.19"E, 3 m, 26.VIII.2014, K.-J. AHN, J.-S. LEE & M. ÔHARA leg., on pebble beach.

### *Halorhadinus inaequalis* SAWADA, 1971

*Material examined.* Japan: Hokkaido: 1 ex. (in 100% EtOH, AC1021), Matsumae-gun, Matsumae-chô, 41°27'3.31"N, 140°2'20.19"E, 3 m, 26.VIII.2014, K.-J. AHN, J.-S. LEE & M. ÔHARA leg., on pebble beach.

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### References

- KIM, T.-K., J.-G. LEE, Y.-H. KIM & K.-J. AHN, 2011. New records of six staphylinid species (Coleoptera: Staphylinidae) from coastal habitats in northeastern Russia. *Journal of Entomological Science, Athens*, **46**: 62–67.
- ONO, H., & M. MARUYAMA, 2014. Five new species of the intertidal genus *Halorhadinus* SAWADA, 1971 (Coleoptera, Staphylinidae, Aleocharinae) from Japan. *Esakia, Fukuoka*, (54): 41–50.
- SHIBATA, Y., M. MARUYAMA, H. HOSHINA, T. KISHIMOTO, S.-I. NAOMI, S. NOMURA, V. PUTHZ, T. SHIMADA, Y. WATANABE & S. YAMAMOTO, 2013. Catalogue of Japanese Staphylinidae (Insecta: Coleoptera). *Bulletin of the Kyushu University Museum, Fukuoka*, (11): 69–218.
- SHIBATA, Y., M. MARUYAMA, S. YAMAMOTO, H. HOSHINA, S.-I. NAOMI, S. NOMURA & Y. WATANABE, 2015. Catalogue of Japanese Staphylinidae (Insecta: Coleoptera) – Addition and Corrections until 2014. *Bulletin of the Kyushu University Museum, Fukuoka*, (13): 33–44.
- YOO, I.-S., & K.-J. AHN, 2017. Korean species of the coastal genus *Halorhadinus* SAWADA, 1971 (Coleoptera: Staphylinidae: Aleocharinae), with a description of new species. *Pan-Pacific Entomologist, San Francisco*, **93**: 84–94.

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