

Discovery of *Bembidion negrei* (Coleoptera, Carabidae) from Hokkaido, Japan

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Bembidion negrei HABU, 1958 is a carabid species endemic to Japan. The species is originally described from “Mt. Osore, at lake-side of Usoriyamako, Aomori prefecture” (HABU, 1958). Since then, this species has been recorded only from the type locality and Tochigi Prefecture (Tochigi Prefecture, 2011). Habitat of the species known to date is restricted to edges of wetlands and streams where spring water containing sulfur is streaming in.

Here, I report this species from Hokkaido for the first time.

Specimens examined. 7 exs., Mt. Esan, Hakodate-shi, Hokkaido Pref., Japan, 23–VII–2013, Naoki OGAWA leg.

They were collected under small stones along water edge discolored by sulfur. This provides further evidence that *B. negrei* is specialized for such a peculiar habitat. The present locality is only ca. 55 km from Mt. Osore-yama, the type locality of this species. However, this represents the first record of this species from Hokkaido across the Tsugaru Straits, which is widely recognized as an important geographic barrier defining zoogeographical sub-regions for Japanese Archipelago (Blakiston Line: BLAKISTON, 1883). Therefore, the present dis-



Fig. 1. Habitus of *Bembidion negrei*, male, collected in Hokkaido, dorsal view.

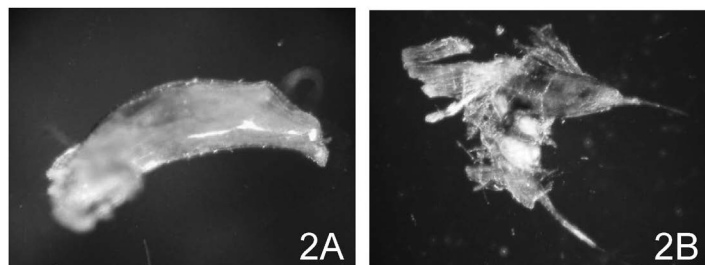


Fig. 2. Male genitalia of the specimen presented in Fig. 1. — A, Aedeagus; B, parameres.

covery also involves zoogeographical importance.

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