

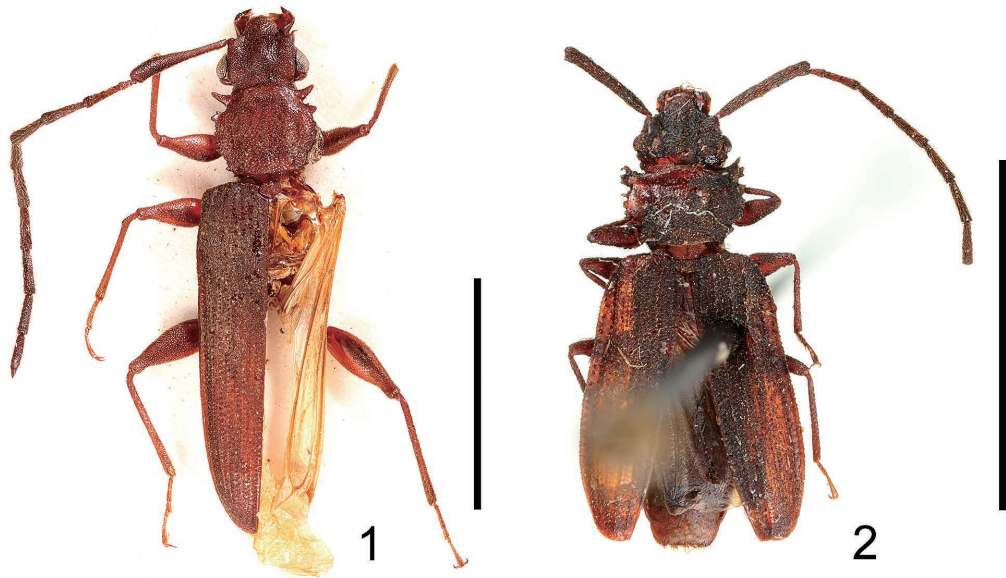
## New Records of Two Species of the Tribe Brontini (Coleoptera, Silvanidae) from Japan

Takahiro YOSHIDA

Institute of Biological Control, Faculty of Agriculture, Kyushu University,  
744 Motoooka, Nishi-ku, Fukuoka, 819–0395 Japan  
E-mail: yoshida\_toritoma@yahoo.co.jp

The tribe Brontini ERICHSON, 1845 includes 13 genera and 46 species and occurs worldwide (THOMAS, 2004, 2009, 2010, 2011; YOSHIDA & HIROWATARI, 2016; HÁVA, 2016). From Japan, three genera (*Dendrophagus* SCHÖNHERR, 1809; *Macrohyliota* THOMAS, 2004; *Uleiota* LATREILLE, 1796) and five species had been recorded (KRIVOLUTSKAYA, 1992; HALSTEAD *et al.*, 2007; HIRANO, 2009, 2010). Recently, YOSHIDA and HIROWATARI (2016) revised Japanese and Taiwanese species of the Brontini taxonomically and concluded that no reliable records of the species listed below were available from Japan and no specimens of these species were included among their examined specimens: *Macrohyliota gracilicornis* (ARROW, 1901), *Uleiota planatus* (LINNAEUS, 1761) and *Dendrophagus crenatus* (PAYKULL, 1799). In addition, they also found that a Taiwanese *Macrohyliota* species formerly identified as *Mac. gracilicornis* was actually an undescribed species, and described it as new under the name of *Macrohyliota sculptus* YOSHIDA & HIROWATARI, 2016.

I examined collection of the Brontini deposited in the Bernice P. Bishop Museum, Honolulu, USA (BPBM) and found two species, *Mac. sculptus* and *Megahyliota cryptolucidus* YOSHIDA & HIROWATARI, 2016, among specimens collected in 1932 from Amami-Ōshima Island, the Ryukyus, Japan. Both species have hitherto been known only from Taiwan, mainly from localities in high altitudes (YOSHIDA & HIROWATARI, 2016).



Figs. 1–2. Newly recorded Brontini species from Japan, habitus. — 1, *Macrohyliota sculptus*; 2, *Megahyliota cryptolucidus*. Scale bars = 5.0 mm.

I wish to express my cordial thanks to Dr. James H. BOONE (BPBM) for his generous loan of specimens, and Dr. Michael C. THOMAS (Florida Department of Agriculture and Consumer Services, USA), Dr. Toshiya HIROWATARI (Entomological Laboratory, Faculty of Agriculture, Kyushu University, Fukuoka, Japan) and Dr. Junsuke YAMASAKO (Institute for Agro-Environmental Sciences, NARO, Tsukuba, Japan) for their important advice on this study and/or helpful comments to improve the manuscript.

***Macrohyliota sculptus* YOSHIDA & HIROWATARI, 2016**

[Japanese name: Oo-hime-hiratamushi]

(Fig. 1)

*Macrohyliota gracilicornis*: HIRANO, 2009: 60, 82, fig. 1; HIRANO, 2010: 2, 8 (misidentification).

*Macrohyliota sculptus* YOSHIDA & HIROWATARI, 2016: 255, 268, figs 3–5, 15, 16. Type locality: Ssuyan, Yilan County, Taiwan.

*Specimens examined.* 2 males and 1 female, Nase, Amami-Ôshima Island, Kagoshima Pref., Japan, 9.VII.1932, L. & M. GRESSITT leg. (BPBM).

***Megahyliota cryptolucidus* YOSHIDA & HIROWATARI, 2016**

[Japanese name: Tsuya-hime-hiratamushi]

(Fig. 2)

*Megahyliota cryptolucidus* YOSHIDA & HIROWATARI, 2016: 259, 271, figs 7, 8, 9B, 17, 18. Type locality: Chiapaotai, Hoping (Heping District), Taichung City, Taiwan.

*Specimen examined.* 1 ex., Nase, Amami-Ôshima Island, Kagoshima Pref., Japan, 9.VII.1932, L. & M. GRESSITT leg. (BPBM).

**Checklist of the Species of the Tribe Brontini from Japan**

(after YOSHIDA & HIROWATARI, 2016)

1. *Dendrophagus longicornis* REITTER, 1889  
*Distribution.* Japan: Hokkaido, Honshu, Shikoku, and Kyushu.
2. *Macrohyliota sculptus* YOSHIDA & HIROWATARI, 2016  
*Distribution.* Japan: Amami-Ôshima Island – new record; Taiwan.
3. *Megahyliota cryptolucidus* YOSHIDA & HIROWATARI, 2016  
*Distribution.* Japan: Amami-Ôshima Island – new record; Taiwan.
4. *Uleiota arboreus* (REITTER, 1889)  
*Distribution.* Japan: Hokkaido, Honshu, Shikoku, Kyushu, and Tsushima and Yakushima Islands; Far Eastern Russia; Korea.

**References**

- HALSTEAD, D. G. H., I. LÖBL, & J. JELÍNEK, 2007. Silvanidae. Pp. 496–501. In LÖBL, I., & A. SMETANA (eds.), *Catalogue of Palaearctic Coleoptera*, 4. *Elateroidea*, *Derodontoidea*, *Bostrichoidea*, *Lymexyloidea*, *Cleroidea*, *Cucujoidea*. 935 pp. Apollo Books, Stenstrup.

- HÁVA, J., 2016. *Macrohyliota philippinensis* sp. nov. (Coleoptera: Silvanidae: Brontinae), a new species from the Philippines. *Arquivos Entomolóxicos*, **16**: 431–434.
- HIRANO, Y., 2009. [Notes on Japanese Silvanidae.] *Kanagawa-chūhō*, Odawara, **168**: 57–83. (In Japanese.)
- HIRANO, Y., 2010. Cucujoidea of Japan, 2. Silvanidae, Byturidae, Biphyllidae. 61 pp. Roppon-Ashi Entomological Books, Tokyo. (In Japanese, with English book title.)
- KRIVOLUTSKAYA, G. O., 1992. [Family Cucujidae, flat bark beetles.] Pp. 233–245. In LER, P. A. (ed.), [Keys to Insects of the Russian Far East, **3**. Beetles, part 2]. 704 pp. Nauka, St. Petersburg. (In Russian.)
- THOMAS, M. C., 2004 [2003]. The Brontini of the world: a generic review of the tribe (Coleoptera: Silvanidae: Brontinae). *Insecta Mundi*, **17**: 1–31.
- THOMAS, M. C., 2009. First record of the genus *Parahyliota* in the New World (Coleoptera: Silvanidae: Brontinae). *Insecta Mundi*, **0070**: 1–4.
- THOMAS, M. C., 2010. A new Chilean species of *Brontoliota* THOMAS (Coleoptera: Silvanidae: Brontinae: Brontini). *Insecta Mundi*, **0113**: 1–4.
- THOMAS, M. C., 2011. A new genus and species of brontine Silvanidae from Australia (Coleoptera: Cucujoidea). *Insecta Mundi*, **0154**: 1–8. (<http://digitalcommons.unl.edu/insectamundi/673/>)
- YOSHIDA, T., & T. HIROWATARI, 2016. Taxonomic revision of the tribe Brontini (Coleoptera: Silvanidae) in Japan and Taiwan with reference to their larval and pupal morphologies. *Annals of the Entomological Society of America*, **109**: 252–279. (<https://doi.org/10.1093/aesa/sav116>)

Manuscript received 8 August 2018;  
revised and accepted 2 September 2018.