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First record of *Bolitophila japonica* (Diptera: Bolitophilidae) for continental Asia

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Abstract. Bolitophila (Bolitophila) japonica (Okada, 1934) is reported for the first time for continental Asia in Nepal. This is also the first record of Bolitophilidae for the Himalayas.

Key words: Bolitophilidae, Bolitophila japonica, Nepal.

Introduction. Bolitophila (Bolitophila) japonica (Okada, 1934) was described from Japan (Hokkaido and Shikoku Islands) and holotype was redescribed by Ševčik & Papp (2004). The male terminalia of this species are different from all hitherto known species of Bolitophila in having a large dark L-shaped process of the gonostylus. Outside of Japan B. japonica was recorded only from Taiwan (Ševčik & Papp 2004). Studying the material collected from the author in Nepal, this species was registred for the first time in continental Asia.

The type material and other specimens of *B. japonica* was reared from the fungi of the genera *Hypholoma*, *Flammula* and *Pholiota* (Okada 1934, Okada 1939, Goto 1988). The larva and pupa were described by Goto (1988).

Material and methods. Determination of the material from Nepal is based on the structure of the male terminalia (Fig. 1), studied in glycerol after maceration in warm 10 % potassium hydroxide. The examined specimens were compared with a specimen from Taiwan, determined by Jan Ševčik and Laszlo Papp, who also studied the holotype of *Bolitophila japonica*.

Material examined

Bolitophila (Bolitophila) japonica (Okada, 1934)

Bolitophilella japonica Okada, 1934: 16, fig. 1; Bolitophila (Bolitophila) japonica (Okada 1934): Ševčik & Papp 2004: 57, figs 3-4.

New locality: Nepal: Parvat, Ghorepani, 2860 m, in Rhododendron forest, 13.10.2006, leg. D. Bechev, 3 & (in alcohol, in author's collection).

Note: General coloration by the specimens from Nepal is yellowish, excluding head, indistinct longitudinal stripes on the mesoscutum, abdominal segment VIII and terminalia brown. The holotype have general coloration brownish grey (Ševčik & Papp 2004).

Material for comparison: Taiwan: Taichung Hsien, Anmashan Mts, UV light traps, 2090–2550 m, April 5–6, 2003, M. Földvári, L. Papp, Ch.-M. Fu & H.-R. Tzuoo, No. 23, 1 ♂ (in Hungarian Natural History Museum, Budapest).

Discusion. Family Bolitophilidae is known from 20 species in the Nearctic, 44 in the Palaearctic and 3 in the Oriental Region (Bechev, unpublished data). The existing of

Bolitophila japonica in Nepal is an indicator for a probable distribution area of this species in the Southeast Palaearctic and northeastern continental parts of the Oriental Region.



Fig. 1. *Bolitophila japonica* – male terminalia, dorsal view, tergite IX is not visible (specimen from Nepal, microphotography).

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