



## Six new species of the genus *Lepidostoma* Rambur (Trichoptera, Lepidostomatidae) from Japan

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### Abstract

Six new species of *Lepidostoma* Rambur, Lepidostomatidae, are described from Japan: *L. pseudemarginatum*, *L. mennokiense*, *L. yunotaniense*, *L. yosakoiense*, *L. konosense* and *L. amagiense*. They live in small water flows, often hygropetric habitats, in mountain areas.

**Key words:** Trichoptera, *Lepidostoma*, new species, Japan, hygropetric habitat

### Introduction

*Lepidostoma* Rambur 1842, Lepidostomatidae, is a large genus of Trichoptera distributed in all biogeographic regions except the Australasian region (Weaver 2002). In Japan, 36 named species have been recorded (Ito 2005). However, several undetermined species were collected from many localities in Japan (Uchida 2002; Nozaki personal communication; Hattori personal communication). In this paper, I describe 6 new species from Honshu and Shikoku, Japan. They live in small water flows, often hygropetric habitats, in mountain areas.

### Methods

The association of adult and immature stages was established by rearing larvae to adults. When rearing larvae was impossible, association of male and female was based on similar general characteristics within specimens collected together. Male and female genitalia and some larval characters were figured after being cleared in hot diluted solution of KOH. Morphological terms mainly follow Ito (2001). The type series and other materials are deposited in the collections of the Natural History Museum and Institute of Chiba (CBM), Tochigi Prefectural Museum (TPM) and the author (TI) as indicated in parentheses. Specimens are preserved in 70–80% ethyl alcohol, unless otherwise indicated. Collecting methods and some collector names are abbreviated as follows: L, light trap; M, Malaise trap; S, net sweeping; MT, Mikio Takai; NK, Naotoshi Kuhara; TH, Toshio Hattori; TI, Tomiko Ito; TN, Takao Nozaki.