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## New data on Himalayan *Lesteva* Latreille, 1797 (Coleoptera: Staphylinidae: Omaliinae) with description of a new species from Nepal

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### Abstract

*Lesteva* (s.str.) *hartmanni* sp. n. (Nepal: Gandaki Province, Manaslu Mts.), *L.* (s.str.) *brevipennis* Cameron, 1941 and *L.* (s.str.) *torrentum* Cameron, 1924 are (re-) described and illustrated. New records of *L.* (s.str.) *championi* Lohse, 1982, *L.* (s.str.) *jaegeri* Shavrin, 2012 and a modified identification key to the species of *Lesteva* Latreille, 1797 of Nepal are provided. *L. brevipennis* is recorded from Pakistan for the first time.

**Key words:** Coleoptera, Omaliinae, *Lesteva*, India, Pakistan, Nepal, new species, new records

### Introduction

In a recent paper on the species of the genus *Lesteva* Latreille, 1797 of Nepal, a new species was described and two species previously known from North India were recorded (Shavrin 2012). The genus is poorly studied in the Himalaya, although some species are relatively widely distributed in this region and represented in collections by large series. Only eight species of the genus are reliably known from the Himalaya (Champion 1920; Cameron 1924, 1934, 1941; Lohse 1982; Coiffait 1984; Shavrin 2012): *L.* (s.str.) *brevipennis* Cameron, 1941 (India: Kashmir; Pakistan), *L.* (s.str.) *championi* Lohse, 1982 (India: Uttaranchal Pradesh, Uttarakhand; Pakistan; Nepal), *L.* (s.str.) *fluviata* Champion, 1920 (India: Uttarakhand; Nepal), *L.* (s.str.) *jaegeri* Shavrin, 2012 (Nepal), *L.* (s.str.) *kargilensis* Cameron, 1934 (India: Kashmir), *L.* (s.str.) *pakistanica* Coiffait, 1984 (Pakistan), *L.* (s.str.) *steeli* Lohse, 1982 (India: Kashmir) and *L.* (s.str.) *torrentum* Cameron, 1924 (India: Uttarakhand).

In the present study, a new, wingless, species from Nepal is described and new faunistic data for *L. championi* and *L. jaegeri* are provided. Moreover, two species known from India (*L. torrentum* and *L. brevipennis*) are redescribed.

### Material and methods

Specimens were dissected using standard methods of preparation. Abdominal tergite VIII and abdominal sternite VIII of males were glued on the same plate with the dissected specimens and the male genitalia were mounted in Canada balsam on plastic microslides pinned under the respective specimens.

Morphological studies were carried out using Nikon SMZ 745T and Nikon Eclipse E200 stereomicroscopes. A digital camera (Sony Alpha DSLR-A300) was used for photographs and all figures were processed using Adobe Photoshop software. All measurements are given in millimeters and were made with a stereoscopic microscope equipped with an ocular micrometer.

The following measurements are used in this paper and abbreviated as follows: WH—maximum width of head including eyes; LH—length of head (from base of labrum to neck constriction along the head midline); LA—length of antenna; LE—longitudinal length of eye; LT—length of temple (from posterior margin of eye to neck constriction); LP—length of pronotum; WPM<sub>ax</sub>—maximum width of pronotum; WPM<sub>in</sub>—minimum width of