



New species of *Odontepyrus* Kieffer (Hymenoptera: Bethyridae), an ectoparasitoid of *Telorta divergens* (Butler) (Lepidoptera: Noctuidae) larvae

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Abstract

Odontepyrus telortis sp. nov., an ectoparasitoid of the caterpillar of *Telorta divergens* (Butler) (Lepidoptera: Noctuidae) is described and illustrated, based on twelve female specimens collected from Korea. After revising all known species, a key for the species of the genus *Odontepyrus* is presented for the Eastern Palaearctic region.

Key words: Bethyridae, *Odontepyrus*, ectoparasitoid, *Telorta divergens*, South Korea

Introduction

Odontepyrus is a genus of Bethyridae with 33 known species from the world: 21 species from Oriental region and 12 species from the Eastern Palaearctic region (Gordh & Móczár, 1990; Polaszek & Krombein, 1994; Terayama, 1995, 1997, 1999a, 1999b, 2006; Krombein, 1996; Xu *et al.*, 2002; Xu & He, 2006 and Xiao & Xu, 2008).

Members of *Odontepyrus* are ectoparasitoids of lepidopterous larvae: *O. argyriae* Kurian on *Argyria sticticraspis* Hamson (Pyralidae), *O. hysipylae* (Kurian) on *Hysipyla robusta* (Moore) (Pyralidae), *O. cirphi* Kurian on *Leucania* sp. (Noctuidae), *O. indicus* (Kurian) on *Diatraea saccharalis* (Fabricius) (Kurian, 1954; 1955), *O. mandibularis* Muesebeck on *Mythimna* sp. (Noctuidae), and *O. erucarum* (Szelényi) on *Epicallima formosella* (Denis & Schiffermüller) (Oecophoridae) (Georgiev *et al.*, 2001).

A new species of *Odontepyrus* wasp was found laying eggs on the larva of *Telorta divergens* (Butler). Based on these materials, *Odontepyrus telortis* sp. nov. is described.

Material and methods

A total of twelve specimens were examined in this study, of which six were collected by Malaise traps, two by a yellow sticky trap, three by sweeping, and one directly on the host insect, the larva of *Telorta divergens* (Butler) on the leaf of *Magnolia* sp. (Magnoliaceae).

The following abbreviations are used in the descriptions, and measurements are adopted from Evans (1964; 1978) and Terayama (2006): TL—total length; LH—length of head excluding mandibles; WH—width of head; WF—width of frons; LE—length of compound eye in lateral view; HE—height of eye in lateral view; DAO—diameter of anterior ocellus; WOT—width of ocellar triangle; POL—posterior ocellar line;