

A NEW EASTERN PALEARCTIC GENUS OF THE
SUBFAMILY PHRUDINAE
(HYMENOPTERA : ICHNEUMONIDAE)

D. R. Kasparyan

Zoological Institute, Academy of Sciences
Leningrad, V-164, USSR

A new genus, *Lygurus* and a new species, *L. townesi*, is described from Khabarovsk region. It is closely related to the Ethiopian *Erythrodolius* Seyrig (Townes 1971: 32), but differs in the structure of the frons, clypeus, and more elongate maxilla and labium.

LYGURUS, new genus

Type-species: Lygurus townesi, n. sp.

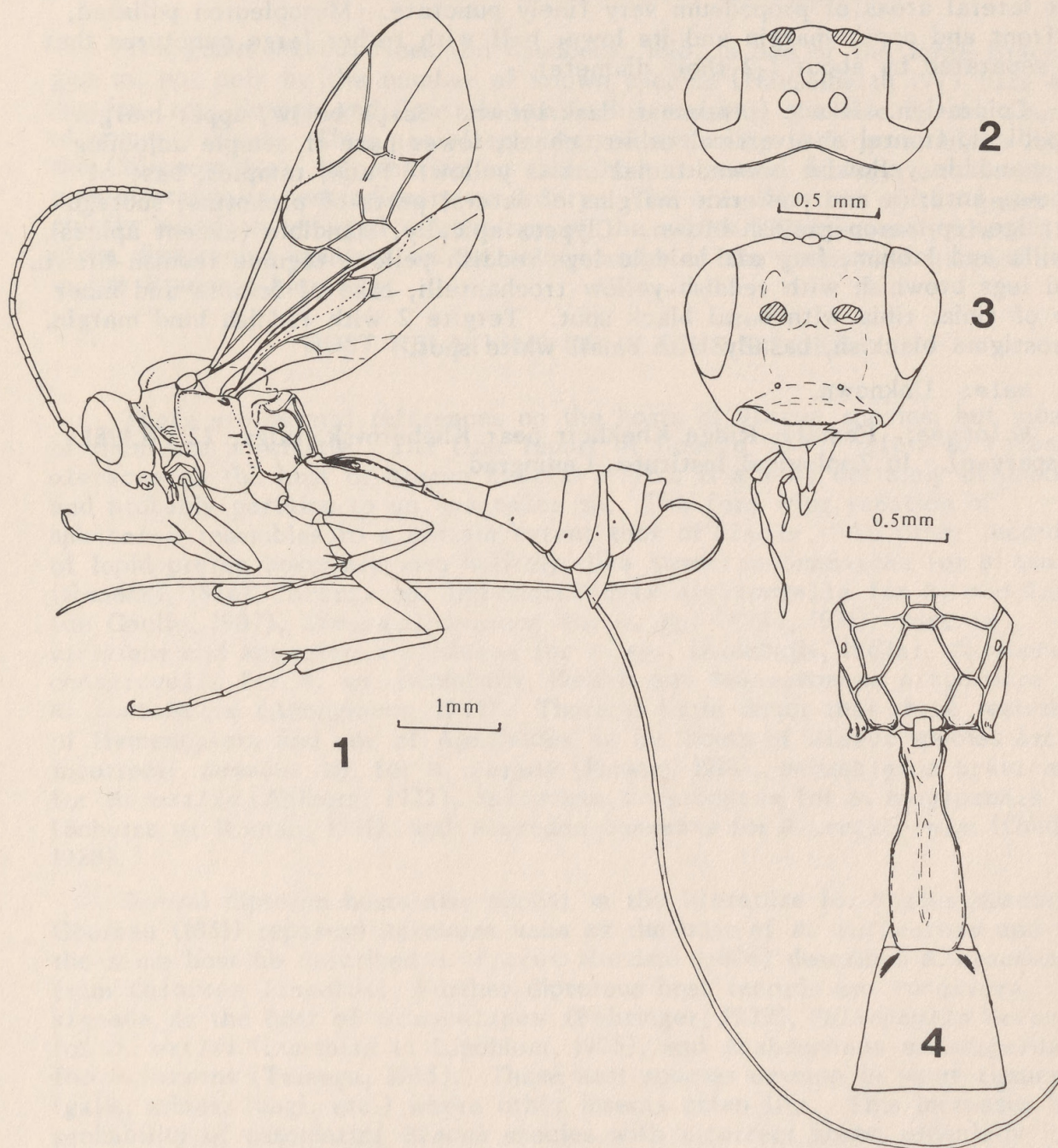
Front wing 4.3 mm. Frons without a median longitudinal carina, with small cavities upper of each antennal socket (Fig. 3). Cheek without a vertical groove. Clypeus broad, centrally with weak transverse ridge; its apical margin blunt, more sharp laterally. Lower tooth of mandible scarcely shorter than upper tooth. Maxilla and labium elongate, projecting below apex of clypeus by about one third the height of head; the maxillary palpus as long as height of head. Mesopleuron polished, with coarse puncture along its front margin, under subtegular carina, and in its lower half. Propodeum areolated (Fig. 4). Apex of front tibia with a scarcely visible tooth on outer side. Tarsal claws simple, with 1-2 teeth basally. Wing venation as figured (Fig. 1). First tergite with strong glymma. Tergite 2 polished, basolateral with short and sharp groove. Hairs on tergite 2 very short and slender, but rather dense. Epipleuron of tergite 2 separated by crease, bent under and overlieing. Epipleuron of tergite 3 wide bent but not separated by crease (with weak crease in basal 0.2). Ovipositor sheath 1.2 as long as body. Ovipositor slender, cylindric, in apical third strongly upcurved and somewhat depressed.

The generic name is from the Greek *lygos* (flexible switch) plus *ura* (tail), referring to long flexible ovipositor.

One Palearctic species is known, collected in taiga near Khabarovsk. The species is described below.

Lygurus townesi, n. sp. (Figs. 1-4)

Female (holotype): Length 5.7 mm. Ovipositor 7 mm. Flagellum 22-segmented. Scape subcylindric, elongated, with apical truncation approximately transverse. Head strongly narrowed behind eyes (Fig. 2). Cheek 0.8 as long as basal wide of mandible. Clypeus on apical margin with long hairs. Occipital carina joining hypostomal carina at a considerable distance above base of mandible. Pronotum with weak epomia. Notauli very short. Scutellum with distinct lateral carinae from its base to apex. Propodeum short, completely areolated (Fig. 4). Tibiae beside usual short hairs on outer side with numerous more strong bristles. First tergite strongly elongated, 3 times as long as apical wide (Fig. 4); its dorsolateral carinae present (some weaker behind the spiracles), dorsal longitudinal carinae almost obliterated. Glymmae large and deep, separated by a translucent partition. Abdomen behind the



Figs. 1-4, *Lygurus townesi*, gen. et sp. n. : 1, Side view of whole insect. 2, Head, dorsal view. 3, Head, frontal view. 4, Propodeum and first two tergites.

middle of tergite 3 strongly compressed. Other structure as figured, and as described under generic heading.

Face, frons, clypeus basally, pronotum laterally, mesonotum, scutellum, metapleuron with moderately small and dense punctures. Vertex, temple, and first lateral areas of propodeum very finely punctate. Mesopleuron polished, its front and upper margin and its lower half with rather large punctures that are separated by about 1-2 their diameter.

Coloration. Black. Antennae dark brown. Scape below, upper margin of pedicel, frontal and vertical orbits, cheek, lower part of temple adjoining the mandible yellowish brown; facial orbits yellow. Face, temples, base of clypeus, anterior and posterior margins of lateral parts of pronotum, subtegular ridge, epimeron greyish-brown. Clypeus apically, mandible (except apices), maxilla and labium, fore and middle legs reddish-yellow; tegulae reddish-brown. Hind legs brownish with reddish-yellow trochantelli, base of femora and inner side of tibia; tibia with basal black spot. Tergite 2 with reddish hind margin. Pterostigma blackish, basally with small white spot.

Male: Unknown.

Holotype: Female, Ridge Khekhcir near Khabarovsk, taiga, 22.VII.1981. (Kasparyan). In Zoological Institute, Leningrad.



Kasparyan, Dmitri R. 1983. "A NEW EASTERN PALEARCTIC GENUS OF THE SUBFAMILY PHRUDINAE (HYMENOPTERA: ICHNEUMONIDAE)." *Contributions of the American Entomological Institute* 20, 116–118.

View This Item Online: <https://www.biodiversitylibrary.org/item/332410>

Permalink: <https://www.biodiversitylibrary.org/partpdf/382151>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Biodiversity Heritage Library

Copyright & Reuse

Copyright Status: No known copyright restrictions as determined by scanning institution.

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.