

A new species of Landrevinae from Thailand (Orthoptera: Gryllidae)

A.V. Gorochov

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Repapa? paradoxa sp. n. has the male genitalia similar to those of two related genera (partly to *Repapa* and partly to *Duolandrevus*).

A.V. Gorochov, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St.Petersburg 199034, Russia.

Repapa? paradoxa sp. n. (Figs 1-4)

Holotype. ♂, Thailand, prov. Nakhon Ratchasima, environs of Nat. Park Khao Yai, 500-1000 m, primary forest, on bark of tree at night, 26.X-4.XI.2000 [collected as larva; imago in early Jan. 2001], A. Gorochov & L. Anisyutkin (Zoological Institute, St.Petersburg).

Paratypes. 4 ♀, same data as in holotype, but imago in XII.2000-III.2001.

Description. Male. General appearance typical of *Repapa* Otte, *Duolandrevus* Sauss., and *Vasilia* Gor. Head dark brown, rather wide, with a pair of vertical keels under eyes; rostrum between antennal cavities 1.2 times as wide as scape. Pronotum dark brown, rather short, slightly widening in front. Tegmina extending to 5th abdominal tergite; dorsal part as in Fig. 4, transparent with blackish basal and apical areas, brownish spots near proximal part of diagonal vein and around mirror; lateral part with only 6-7 parallel longitudinal veins, dark brown with whitish stripe along lower edge. Legs light brown with hardly darkened apical part of hind femora; both tympana almost equal, rather small, rounded. Rest of body

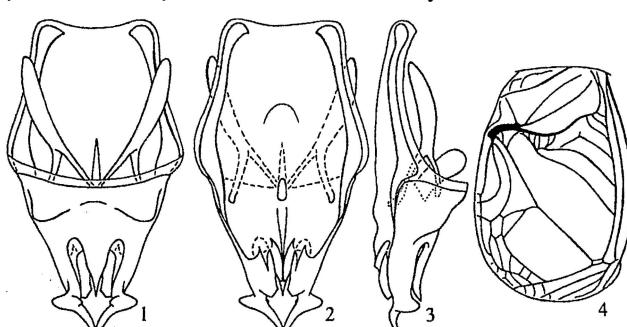
brownish with slightly darkened cerci and genital plate; anal plate simple, with rounded hind part. Genitalia as in Figs 1-3.

Female. General appearance as in male, but head and pronotum sometimes lighter (brown), tegmina short, extending to 1st abdominal tergite, brown or dark brown, with 6-8 parallel longitudinal veins at shorter dorsal part and 5-7 similar veins at longer lateral part; shape of tegmina typical of above-mentioned genera. Ovipositor long, with smooth acute apex.

Length (mm). Body: ♂ 22, ♀ 17.5-20; pronotum: ♂ 2.8, ♀ 2.7-3.4; tegmina: ♂ 8, ♀ 2.1-2.7; hind femora: ♂ 11.7, ♀ 10.7-14.6; hind tibiae: ♂ 8.2, ♀ 7.3-9.6; ovipositor 10.2-14.

Comparison. This new species is included in *Repapa* because of the presence of a large unpaired hind median process of epiphallus, but the fitness of this character for separation from *Duolandrevus* is problematical. From all *Repapa* species, *R.? paradoxa* differs in the well developed tegminal mirror and characteristic shape of hind lateral processes of epiphallus.

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Figs 1-4. *Repapa? paradoxa* sp. n., ♂. 1-3, genitalia from above (1), from below (2), and from side (3); 4, dorsal part of tegmen.