

## Fifth addition to the revision of Itarinae (Orthoptera: Gryllidae)

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*Itara (Phormincter) ivanovi* sp. n. from South Malacca is described. Some recent publications on taxonomy of Itarinae are briefly discussed.

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After publishing of the partial revision of Itarinae (Gorochov, 1997), a few additional publications on taxonomy of this cricket subfamily appear. Some of them are the short additions to this revision (Gorochov, 2001a, 2001b, 2004, 2007). The paper published here is one of these additions. Other publications include the hypotheses about synonymy of *Parapentacentrus lineaticeps* (Chopard, 1969) and *P. formosanus* Shiraki, 1930 (Ichikawa et al, 2000) as well as about belonging of the genus *Parapentacentrus* Shiraki, 1930 to Pentacentrinae and of the genera *Pseudotrigonidium* Chopard, 1915 and *Tremellia* Stål, 1877 to Itarinae (Eades, Otte, 2008). The latter hypotheses are erroneous, as the structure of male genitalia and some other organs in *Parapentacentrus* is very similar to that in *Itara* Walker, 1869 (and very different from that in Pentacentrinae), and *Pseudotrigonidium* and *Tremellia* are indubitable representatives of Phaloriniinae. So, at present Itarinae consists of 2 genera (*Itara* and *Parapentacentrus*), 9 subgenera of *Itara*, and 51 species (49 of them belong to *Itara* and 2, to *Parapentacentrus*).

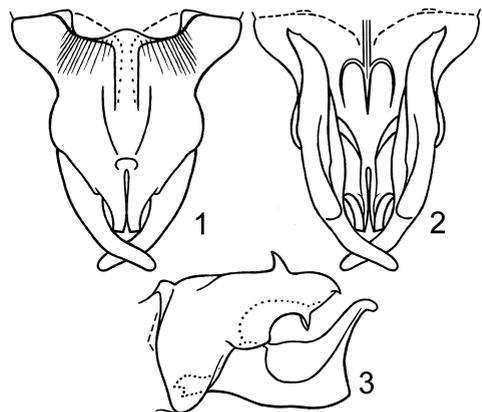
### *Itara (Phormincter) ivanovi* sp. n.

*Holotype*. ♂, **Malaysia**, South Malacca, "Negeri Sembilan, Jeram Toi Waterfall", forest, at light, 30.I.2006, V. Ivanov (Zoological Institute, Russian Academy of Sciences, St. Petersburg). *Paratype* – ♀, same data.

*Description*. Male (holotype). Size and shape of most body parts typical of this subgenus. Coloration brownish grey with following marks: large spot between ocelli slightly darker; lower half of head (including mouthparts) and base of antennae very light, yellowish; legs, cerci, ventral part of both thorax and abdomen light brown, but hind femora with brownish grey both apical part and numerous oblique stripes, hind tibiae and

distal half of hind basitarsus almost dark brown, and genital plate slightly darker than abdominal tergites; distal half of hind wings dark brown. Tegmina very similar to those of *I. (Ph.) popovi* Gorochov, 1997; hind wings much longer than tegmina. Genitalia (Figs 1-3) with epiphallus similar to that of this species also, but its distal part behind dorsal process slightly shorter, ventral subapical processes situated almost near dorsal process, and proximal part of epiphallus distinctly higher (with longer ventroproximal lobes); ectoparameres with angular ventroapical projection and rather long dorsoapical hook directed upwards (apex of this hook directed backwards) (Fig. 3).

Female. General appearance as in male, but pronotum with narrower hind part, dorsal part of tegmina much narrower and with 14 longitudinal veins (including their branches). Genital plate with deep hind median notch; ovipositor almost reaching to apex of hind wings.



**Figs 1-3.** *Itara ivanovi* sp. n., distal half of male genitalia. 1, from above; 2, from below; 3, from side.

Length in mm. Body: ♂ 18, ♀ 16; body with wings: ♂ 28, ♀ 27; pronotum: ♂ 3, ♀ 2.8; tegmina: ♂ 20, ♀ 17; hind femora: ♂ 10.5, ♀ 10.5; ovipositor 10.5.

*Comparison.* The new species differs from all other species of the subgenus *Phormincter* Saussure, 1878 in the following combination of characters: ventral edge of epiphallus with a pair of subapical processes only, ectoparameres with the angular ventroapical projection and long dorsoapical hook directed upwards.

*Etymology.* The species is named after its collector.

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