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## ***Foveocrotaphus* gen. n. and *F. burmanicus* sp. n.: a new genus and species of Physocrotaphini from Myanmar (Coleoptera: Carabidae: Anthiinae)**

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### **Abstract**

*Foveocrotaphus* gen. nov. and new species *F. burmanicus* from Myanmar is described. The new genus is similar to *Physocrotaphus* Parry, with respect to shape and structure of ligula and paraglossae. The two genera can be diagnosed easily by median tooth of mentum, bifid in *Physocrotaphus*, i.e. *Foveocrotaphus* **gen. n.** has simple, narrow and pointed. Is distinguishable from all other known Physocrotaphini genera by narrower pronotum, very stout ligula combined with long and simple median tooth of mentum and by male sternites 2 and 3 with one big shared median depression.

**Key words:** Coleoptera, Carabidae, Anthiinae, Myanmar, new genus, new species

### **Introduction**

Tribe Physocrotaphini is a not numerous tribe, distributed in the Oriental and Australian regions from India, through the Malay Archipelago to the north-eastern Australia. The tribe includes five genera with 42 species (Moore 1998; Baehr 2004, 2005; Lorenz 2005; Sabu *et al.* 2008), of which 34 species belongs to genus *Pogonoglossus* Chaudoir, 1862, distributed over whole range of tribe. Other genera include a small number of species: *Helluodes* Westwood, 1846 with three species occurring in South India and Sri Lanka; the monobasic *Holoponerus* Fairmaire, 1883 from New Britain; *Physocrotaphus* Parry, 1849 with single species from Sri Lanka and *Schuelea* Baehr, 2004 with three species from New Guinea. Most species are described from Indopacific region and a very few from the oriental and south asian region. Because of its hidden life, many of them are only known from few or even single specimens.

### **Material and methods**

Measurements: body length from anterior margin of clypeus to apex of elytra along suture; length of pronotum along midline; width of pronotum at widest point; length of elytra, from base to apex along suture; and width of elytra at widest point.

Pictures taken with Canon MP-E 65 mm macro lens.

Abbreviation of specimen depository:

DUBC—Daugavpils University Beetle Collection (Latvia).

### **Taxonomy**

As Moore (1998) provided detailed description, phylogenetic relationships of the tribe, and a key to genera was recently provided by Sabu *et al.* (2008), including additional characteristics of ligular and paraglossal structure and sexually dimorphic character on the abdominal sternites, only a modified key to genera of the tribe is added here.

*Male genitalia.* Genital ring suboviform, slightly asymmetric, strongly sclerotized. Aedeagus gently curved, apex elongate, slightly downturned at narrowly rounded apex. Left paramere large, with obliquely cut apex. Right paramere small and elongate. Endofallus asymmetrical, with numerous protuberances; gonopore situated apically (Figs. 6–9).

**Etymology.** The specific name of new species is derived from its type locality “Burma“ (= Myanmar) - “burmanicus“.

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