

## A new species of *Calomicrus* from the United Arab Emirates (Coleoptera: Chrysomelidae: Galerucinae)

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*Calomicrus (Nymphius) emir* sp. n. from the United Arab Emirates is described. A key to pale species of the subgenus *Nymphius* is proposed. Morphological features of all species are illustrated.

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### *Calomicrus (Nymphius) emir* sp. n. (Figs 9-13)

*Holotype*. ♂, United Arab Emirates, Wadi Wurayah 25.24°N, 56.17°E, 12-14.IV.2005, no. 1364 (Tony van Harten leg.); deposited at the National Museum of Natural History, Sharjah, UAE.

*Paratypes*. 5 ♂, 5 ♀, the same data as for the holotype.

*Description*. Pale fulvous, shining; apex of mandibles, eyes, and base of 1st segment of hind tarsus black. Head (Fig. 9) not wider than pronotum; eyes large; frons as broad as eye; frontal tubercles transverse, surrounded by fine furrows. Vertex finely shagreened. Frontoclypeus triangular, slightly convex with lower part strongly widened. Antennae long; ratio of segment lengths as 15 : 6 : 7 : 15 : 14 : 12 : 14 : 13 : 12 : 10 : 11. Pronotum 1.33 times as broad as long, slightly convex, with dense and fine superficial punctation; lateral margin of pronotum hardly appreciably rounded; anterior angles slightly prominent, with setiferous pores a little behind angles; basal margin rounded, posterior angles blunt, also with pores. Elytra 3.3 times as long as pronotum and 1.7 times as long as broad, almost parallel, very densely and finely punctured, with short and sparse erect hairs on the apical part. Anterior tarsus with 1st segment strongly enlarged, slightly longer than next one; middle tibia (Fig. 10) curved and broadened at the middle; 1st segment of middle tarsus distinctly enlarged. Hind tibia nearly straight, with long and thin spur. Claw with denticle. Abdomen (Fig. 11) with very long processes on segments 2 and 3 and short ones on segments 1 and 4. All processes with erect bristles.

Aedeagus lanceolate in apical part (Figs 12, 13). Length 3.6 mm, width 1.6 mm.

*Comparison*. The new species closely resembles *C. friedmani* Lop. from Israel, but differs in the aedeagus shape (Figs 7, 8).

### Key to pale species of *Calomicrus* subg. *Nymphius* Wse.

1. Middle tibiae strongly widened subapically (Fig. 3); abdominal processes long, without bunch of bristles (Fig. 4). Length 3.8 mm. Saudi Arabia . . . . .  
..... *buettikeri* L. Medvedev, 1996
- Middle tibiae not widened subapically . . . . . 2
2. Abdominal segments 2 and 3 with very short processes (Fig. 2). Saudi Arabia, Oman . . . . . *millingeni* Pic, 1915
- Abdominal segments 2 and 3 with long processes (Figs 6, 11) . . . . . 3
3. Middle tarsi with segment 1 elongate (Fig. 5). Aedeagus gradually narrowed and truncate at apex (Figs 7, 8). Length 4.2 mm. Israel . . . . . *friedmani* Lopatin, 2002
- Middle tarsi with segment 1 square (Fig. 10). Aedeagus with apex lanceolate (Figs 12, 13). Length 3.6-4.0 mm. United Arab Emirates . . . . . *emir* sp. n.

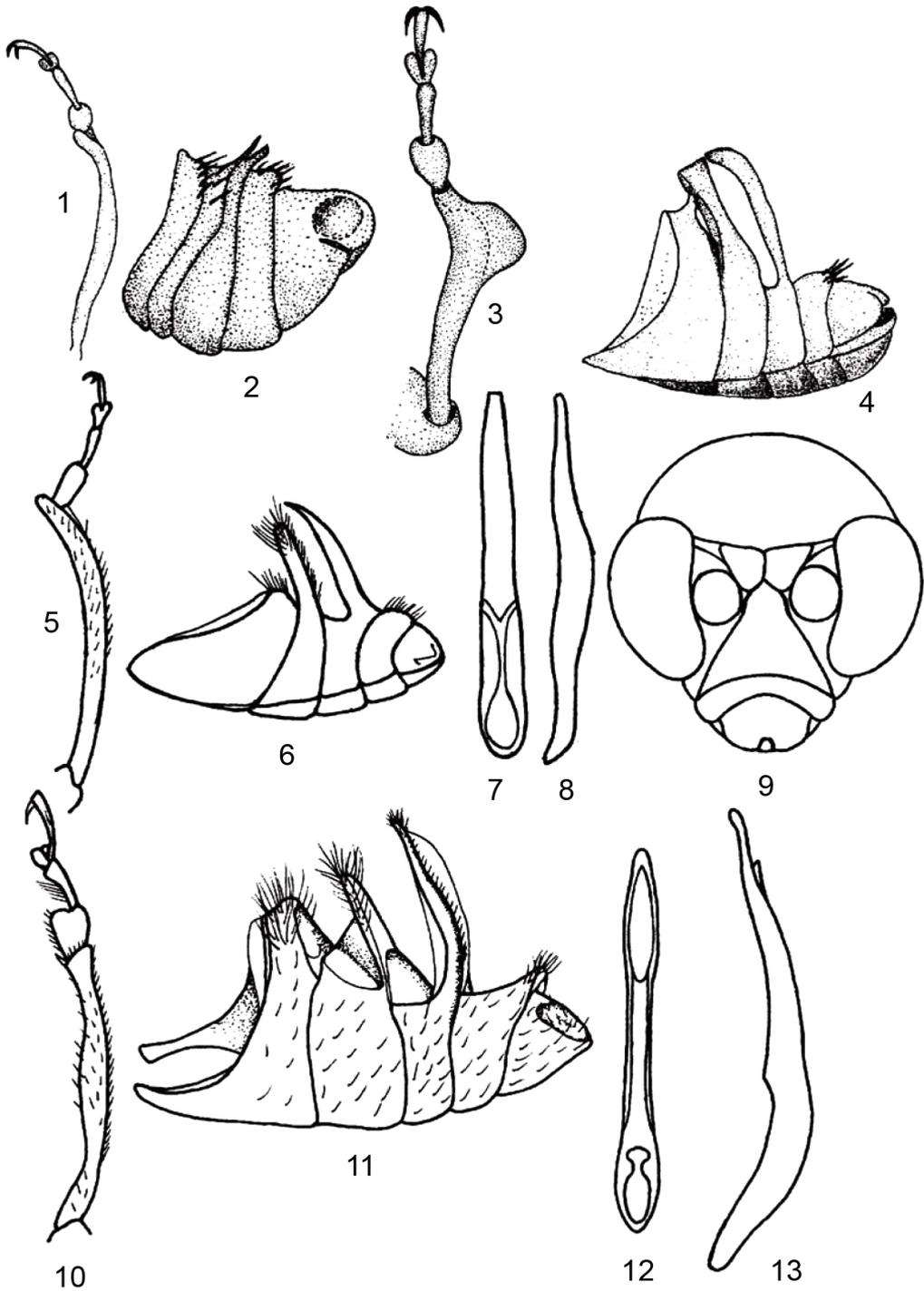
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### References

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**Figs 1-13.** *Calomicrus* spp., male. 1-2, *C. millingeni* Pic; 3-4, *C. buettikeri* Medv. (from Medvedev, 1996); 5-8, *C. friedmani* Lop. (from Lopatin, 2002); 9-13, *C. emir* sp. n. 1, 3, 5, 10, middle tibia; 2, 4, 6, 11, abdomen; 9, head; 7, 8, 12, 13, aedeagus.