

Anthaxia (Cratomerus) sponsa KIESENWETTER 1857 in the Romanian fauna
(Coleoptera: Buprestoidea)

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Rezumat

Anthaxia (Cratomerus) sponsa KIESENWETTER 1857 în fauna României (Coleoptera: Buprestoidea)

Specia *Anthaxia (Cratomerus) sponsa* KIESENWETTER este semnalată pentru prima dată în fauna României, în urma colectării a două exemplare ♀♀ din Valea Oglănicului (Gura Văii, jud. Mehedinți. Caracterele de determinare ale acestei specii, în comparație cu cele ale speciilor asemănătoare, care se găsesc în fauna României, vor fi date în această lucrare.

Material: Two female specimens has been collected from the Oglănicului Valley (Iron Gates, Mehedinți County, Southern Banat) at 06.1988, leg. A. RUCĂNESCU. This specimen has been identified by Svatopluk BÍLÝ at September 1995.

Description: Length 8.5 and 9.8 mm; width 3 mm, at the base of elytra. The head microsulpture consists in small prolonged cells with distinctive central grains in and is covered by dense and divergent white long hairs. These characters make distinctive this species, very similar in females with small specimens of *A. (Cratomerus) hungarica* (SCOPOLI 1772) (Fig. 1.)



Fig. 1. The disposition of the head hairs of: *Anthaxia sponsa* (left) opposite with *Anthaxia hungarica* (right)

Dispoziția perilor de pe cap la *Anthaxia sponsa* (stânga) și *Anthaxia hungarica* (dreapta)

The color of *Anthaxia sponsa* females is very similar to the *A. hungarica* females. The head is golden orange, with blue green vertex, the pronotum is golden orange, with two longitudinal black bands. Between these, the pronotum is dark blue green. The scutellum and the elytra are dark blue green. The abdominal pleurits and the ventral surface are golden orange with blue greenish legs.

The differences are more evidently in the males. The color is similar at the both of species (golden green with two longitudinal black-bluish bands on the pronotum), but the *Anthaxia sponsa* length is 7-8 mm, the *A. hungarica* length is 7-11 mm. The hind femora of *A. sponsa* are not thickened and it is not exist the orange yellow gular spot, like as *A. hungarica*.

Biology: The larva is developing in *Quercus sp.* and wooden Rosaceae. The imago is present from end of March to middle of June (BÍLÝ 1980).

Distribution: This species is a balkano-mediterranean element and is spreading in: Greece, Turkey, Lebanon, Israel, northern and western Iran, Armenia, Azerbaidjan and Georgia (BILÝ 1980) (Fig. 2).



Fig. 2. The presumptive spreading range of *Anthaxia (Cratomerus) sponsa* (...) and the romanian locality (●) / Arealul prezumptiv al speciei *Anthaxia (Cratomerus) sponsa* (...) și localitatea din România de unde a fost colectat (●).

Acknowledgments: Mr. S. BILÝ (Prague) for the identification of one specimen and for his advices.

REFERENCES

- BILÝ S. 1980. Taxonomic notes on *Anthaxia* (subgen *Cratomerus*) from the Palearctic region (Coleoptera: Buprestidae). Acta entomol. bohemoslov. 77(4): 271-279.

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Apărut / Printed: 20 Februarie 1997