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**A NEW SPECIES OF THE GENUS *CIDNOPUS* THOMSON
FROM GREECE: *CIDNOPUS MACEDONICUS* N.SP.
(Elateridae, Coleoptera)**

by P. CATE & G. PLATIA

Abstract

A new species of *Cidnopus* THOMSON, *C.macedonicus* n. sp., from North Greece (Macedonia) is described. It is closely related to *C. pseudopilosus* PLATIA & GUDENZI, from which it differs primarily by the triangular third antennal segment of the male (female unknown). A key to the known European species of the genus is given.

Five European species are included in the genus *Cidnopus* THOMSON, the fifth added by PLATIA & GUDENZI (1983). Two species previously assigned to this genus, *C. minutus* (L.) and *C. parvulus* (PANZER) were transferred to *Kibunea* KISHII and *Nothodes* LE CONTE respectively by KISHII (1977). A sixth species has been discovered in the northern Greek province of Macedonia.

***Cidnopus macedonicus* n.sp**

Black with slightly greenish (holotype) or blackish (paratype) lustre. Elytral epimerons dark reddish-brown, claws and occasionally distal tarsal segments lighter red-brown. Pubescence white, dense, directed laterad on sides of head, mediad towards pronotal disc from all sides of pronotum. Lateral margin and fifth interstrium of elytra with pubescence directed posteriad, pubescence of inner interstriae directed laterad, of outer interstriae mediad.

Lenth: 9,0 mm (holotype), 9,6 mm (paratype).

Head flat, densely and umbilicately punctured, frontal margin depressed medially and shallowly V-shaped. Two slight depressions left and right of median in distal half. Eyes small, barely protuding.

Antennae (fig. 1) black, exceeding hind angles of pronotum by one segment. First segment robust, as long as second and third combined. Second segment short, subglobose; third 1 1/2 as long as second, dilated triangularly. Fourth to tenth approximately of same length, fourth to sixth as wide as long, seventh to tenth increasingly longer than wide. Last segment twice as long as wide, uniformly tapered apically.

Pronotum slightly longer than wide (ratio of width to length 1:1.15), uniformly convex, declining abruptly at basis. Shallow longitudinal median furrow in posterior third. Sides evenly arcuate, lateral margin not or only partially visible in dorsal view. Hind angles directed slightly inwards, lateral carinae short, pronounced, extending approximately 1/3 of length of pronotum. Punctuation moderately dense, umbilicate, with spaces between punctures 1/3 - 1 times puncture diameter. Puncture density increasing towards lateral margins. Prosternal sutures expanded apically for 2/5 of their length. Prosternum and pronotal epipleurae moderately dense and umbilicately punctured. Prosternal lobe short, truncated, deflected anteroventrad, with transverse impression at base of lobe. Prosternal process deflected dorsad, tapering evenly to apex.

Scutellum longer than wide (ratio of length to width 1:0,75), basal half convex, apical half flat. Punctuation dense, almost rugose; pubescence dense, white.

Elytra 2 1/2 times as long as wide, straight for approximately 2/3 of length, tapering gradually to rounded apices. Interneurs striatiopunctate, first four furrowed deeply at base. Interstriae slightly convex, densely punctured, punctures only slightly smaller than those of interneurs.

Male genitalia (fig. 2) with median lobe slender, straight, evenly rounded apically, protruding beyond parameres by slightly less than 1/2 length of apical hooks. Parameres long, tapering evenly to base of apical hooks. Apical hooks with sharp points, rounded at apex. Basal plate wider than long, pointedly arcuate laterally.

Holotype: ♂, Gracko, Makedonija, 23.4.1974 (in coll. Cate).

Paratype: ♂, Graeciae, Meliti/Achlada, 19 km E Florina, 7.V.1987, H. & L. Freude (in coll. Platia).

Female: unknown.

Key to the known species of *Cidnopus* THOMSON from Europe

- 1 - Pronotum very convex, sharply sloping on sides, with lateral margin invisible or partially visible in dorsal view 2
 - Pronotum slightly convex, gradually sloping on sides, with all lateral margin visible in dorsal view 5
- 2 - Elytra clearly wider at base than pronotum 3
 - Elytra about as wide at base as pronotum 4
- 3 - Punctures of pronotum smaller, separated by a distance equal to less than half their own diameters on disc, interspaces smooth and shiny. South Slovakia; Bulgaria (see PENEV & TARNAWSKI, 1987) *ruzenae* (LAIBNER)
 - Punctures of pronotum larger, nearly contiguous on disc; interspaces with dull appearance, sometimes rugose. Europe; Siberia
..... *aeruginosus* (OLIVIER)
- 4 - Third segment of antenna with sides subparallel in both sexes. Italy; Spain; Jugoslavia (Macedonia)
..... *pseudopilosus* PLATIA & GUDENZI

- 5 - Second segment of antenna just longer than wide. European and Asiatic Turkey..... *crassipes* (SCHWARZ)
- Second segment of antenna clearly longer than wide. Europe; Asia Minor; Caucasus *pilosus* (LESKE)

Zusammenfassung

Eine neue Art der Gattung *Cidnopus* THOMSON, *C. macedonicus* n.sp., wird aus Nordgriechenland (Mazedonien) beschrieben. Sie ist mit *C.pseudopilosus* PLATIA & GUDENZI nahe verwandt, unterscheidet sich von dieser Art jedoch deutlich durch das dreieckige dritte Fühlerglied. Angeschlossen ist ein Schlüssel zu den bisher bekannten europäischen Arten der Gattung.

Riassunto

Viene descritta una nuova specie di *Cidnopus* THOMSON, *C. macedonicus* n.sp., dal Nord della Grecia (Macedonia) molto vicina a *C. pseudopilosus* PLATIA & GUDENZI dal quale si puo' agevolmente separare per la forma del terzo articolo delle antenne nel maschio (la femina non è nota) triangolare. Viene fornita una chiave per determinare le specie europee conosciute del genere.

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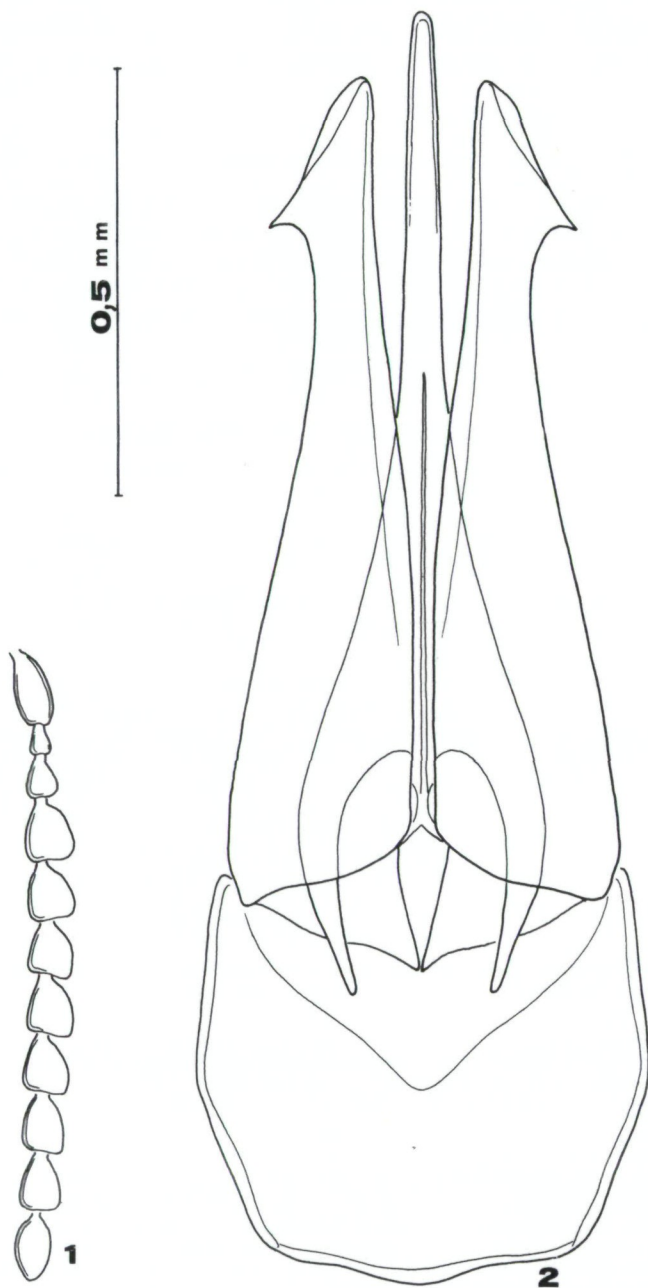


Fig. 1: *Cidnopus macedonicus* n.sp., paratype ♂, antenna.

Fig. 2: *Cidnopus macedonicus* n.sp., paratype ♂, genitalia.

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