

Stuttgarter Beiträge zur Naturkunde

aus dem Staatlichen Museum für Naturkunde in Stuttgart

Stuttgart

15. Dezember 1971

Nr. 227

A new species of the genus *Compsidolon* Rt. from Iran

(Het. Miridae)

R. Linnavouri, Raisio, Finland

With 3 Figures

In a material of Hemiptera from Iran, sent for examination by Mr. FR. HELLER of Stuttgart, a new species of the genus *Compsidolon* Rt. was detected. The new species belongs to the subgenus *Apsinthophylus* Wgn. and can be distinguished from its relatives as follows:

- 1 (2) 1st antennal joint pale, with 1 or 2 black dots on inner surface
absinthii (Sc.) Holomediterranean)
- 2 (1) 1st antennal joint black 3
- 3 (4) Head, excluding base of vertex, and anterior part of pronotum blackish or dark brown. Semierect hairs of upper surface mainly dark
. *scutellare* (Rt.) (Morocco, Algeria)
- 4 (3) Semierect hairs of upper surface pale. Colouring different 5
- 5 (6) Large pale greyish species, length 4.25 mm. (♂). Cuneus pale reddish. Eyes large, ocular index 1.43 *alcmena* n. sp.
- 6 (5) Usually smaller species. If cuneus reddish, then eyes much smaller 7
- 7 (8) Very small species, length 2.5 mm. (♂). Colouring whitish yellow, only elytra with very indistinct dark irroration. Ocular index 1.63. 2nd antennal joint 0.8 × as long as basal width of pronotum. 2nd and 3rd joints of hind tarsi of equal length *beduinum* Lv. (Egypt, Sinai)
- 8 (7) Colouring not pale yellowish. More robust species 9
- 9 (10) Small species, length 2.85–3.3 mm. (♂), 2.3–2.5 mm. (♀) (according to WAGNER & WEBER 1964, 491 ♂ 2.3–2.8 mm., ♀ 2.3–2.7 mm.). Colouring whitish grey, dark dotting scanty. Membrane milky, with indistinct brownish markings. 2nd antennal joint 0.70–0.83 x as long as basal width of pronotum. 2nd and 3rd joints of hind tarsi of equal length
pumilum (Jak.) (Holomediterranean)
- 10 (9) Larger species. Membrane largely brownish smoky. 2nd antennal joint longer 11
- 11 (12) Length 3.2–3.5 mm. (f. macr.), 2.5–2.75 mm. (f. brach. ♀). Colouring often pale, dark dotting usually scanty. 3rd joint of hind tarsi distinctly shorter than 2nd. Vesica (Fig. 2 d–e) more slender, with apical part straighter *balachowskyi* (Wgn.) (North Africa, Spain)

- 12 (11) Length ♂ 3.75–4.25 mm., ♀ f. brach. 2.75 mm. (according to WAGNER & WEBER op. cit. ♂ 3.3–3.4 mm.). Darker species, with dense dark dotting. 3rd joint of hind tarsi only slightly shorter than 2nd. Vesica (Fig. 3 a–b) broader and more strongly curved apically
 *atomosum* (Rt.) (Pontomediterranean)

Compsidolon alcmene n. sp. (Fig. 1)

Length 4.25 mm. Pale greyish ochraceous. Head pale yellow-brown, tylus and the adjacent parts of genae somewhat embrowned. Frons with traces of pale brownish lateral arcs, vertex with a triangular fuscous spot at median margins of eyes on either side. Eyes dark brown. 1st antennal joints blackish, other joints yellow-brown. Anterior part of pronotum yellow-brownish, basal part pale greyish, with faint and sparse dark brown dots. Scutellum pale yellow-brown, base tinged with orange, apical part with faint small brown spots. Elytra pale greyish, with rather dense and uniform dark brown dotting; cuneus with pale reddish tinge, base whitish and immaculate; membrane smoky, a hyaline spot at apex of cuneus, a transverse darker spot in lateral margin, also cells more distinctly infumed apically, veins pale. Thorax medially and basally embrowned. Femora yellow-brown, with dense dark irroration. Tibiae pale ochraceous, with distinct black spots, spines brownish. Tarsi basally yellowish brown, apically darker.

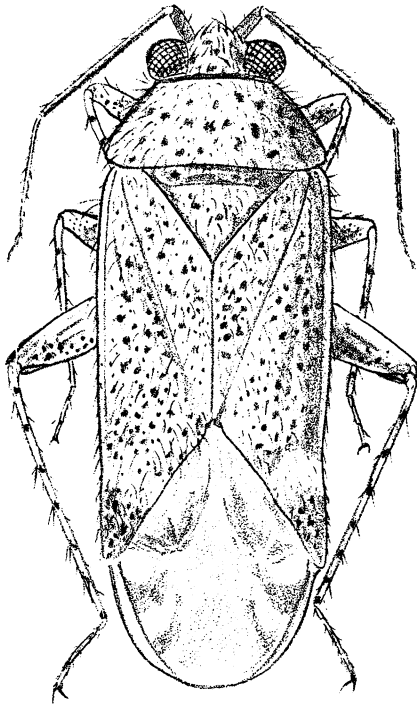


Fig. 1: *Compsidolon alcmene* n. sp. — Drawn by FR. HELLER.

Body large. Upper surface with smooth silvery hairs and longish pale yellowish semidecumbent hairs. Head short and broad, in apical view 1.5 x as broad as high, eyes relatively large, ocular index 1.43. Antennae rather gracile, proportions between joints 5:26:13:12, 2nd joint 1.33 x as long as diatone, 0.87 x as long as basal width of pronotum. Rostrum to hind coxae. Pronotum more than twice as broad as long, basally about 1.6 x as broad as head. Elytra extending well beyond abdomen. 3rd joint of hind tarsi shorter than 2nd, proportions between joints 8:15:13. Male genitalia in Fig. 2.

Material studied: Iran, Khuzistan, Shadegan, 1 ♂, type (Mus. Stuttgart), 24.—29. II. 1956, RICHTER leg.

Reference

WAGNER, E. & H. WEBER 1964: Hétéroptères Miridae. — Faune de France 67, 590 pp. Paris.

Author's address:

Dr. Rauno Linnavuori, Raisio, Somersoja, Finland.

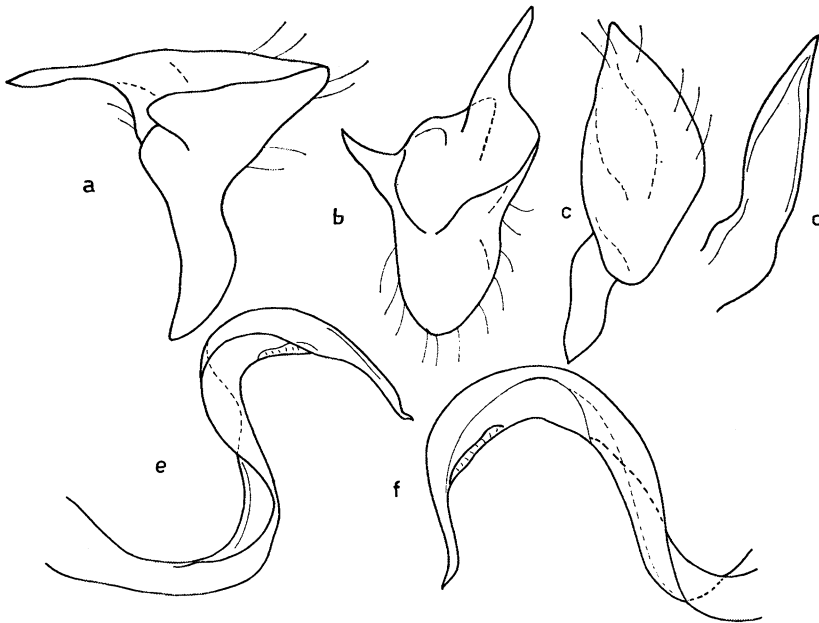


Fig. 2: *Compsidolon alcmena* n. sp.: a left stylus from side; b same from above; c right stylus, broad aspect; d theca; e—f vesica.



Fig. 3: *Compsidolon atomosum* (RT.): a—b vesica; c left stylus from above. — *C. balachowskyi* (WGN.): d—f same.