

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

(Het. Miridae)

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With 2 Figures

The genus *Roudairea* was erected by REUTER (1886, p. 21–22) with *R. crassicornis* as type species. The description was based on a single male from Ain Sefra in Algeria. This rare species was not recovered ever since, until WAGNER (1965) published a redescription based on material collected by Dr. H. ECKERLEIN in Algeria. In the same paper a new species, *R. eckerleini* Wgn., from Libya was described. No records of the genus have been made outside of northern Africa. To my great surprise a material of *Miridae* from Iran, sent for identification by Mr. Fr. HELLER from the Stuttgart Museum, contained a specimen of the genus that proved to belong to a previously undescribed species, very closely related to *R. crassicornis*. The range of the genus is so considerably larger than previously assumed.

Key to the species

- 1 (2) Pronotum only faintly convex, unicoloured. 2nd antennal joint in both sexes relatively gracile, only slightly tapering apicad
eckerleini Wgn. (Libya)
- 2 (1) Pronotum strongly convex, disk with two round black spots behind callal area. 2nd antennal joint in ♀ incrassate, strongly tapering apicad 3
- 3 (4) Basal margin of pronotum with a round brown spot near either humeral angle. Pronotum (♀) 1.6 x as broad as long. 2nd antennal joint (♀) slightly longer than basal width of pronotum *atargatis* n. sp.
- 4 (3) Basal margin of pronotum immaculate. Pronotum 1.83–1.87 (♀) or about 1.72 (♂) x as broad as long. 2nd antennal joint in ♂ as long as basal width of pronotum, in ♀ distinctly shorter
. *crassicornis* Rt. (Algeria)

Roudairea atargatis n. sp.

Fig. 2. Length 7.25 mm. Subopaque. Pale yellow-brown. Eyes brown. Pronotum with two round black spots behind callal area and with a round brownish spot near either humeral angle in basal margin. Clavus and inner parts of corium faintly embrowned forming a dark longitudinal band continuing caudad until apex of membrane. Venter laterally tinged with reddish brown. Tarsi infumed.

Body elongate, 3.5 x as long as broad at base of pronotum. With short pale adpressed hair covering. Head 1.3 x as broad as long, in profile 1.31 x as long as high; ocular index 2.15. Proportions between antennal joints 20:51:33:?, 1st joint thick,

2nd basally incrassate, strongly tapering apicad, nearly 1.9 x as long as diatone (51:27), slightly longer than basal width of pronotum (51:49), hair covering of antennal joints rather pale. Rostrum to middle of metasternum. Pronotum convex, strongly sloping apicad, remarkably narrow, 1.8 x as broad as head, nearly 1.6 x as broad as long, lateral margins slightly insinuated, disk somewhat transversely rugose in basal part. Elytra extending well beyond apex of abdomen. Legs as in *R. crassicornis*, tibiae with short black spines. Length of hind femur 1.98 mm., of hind tibia 2.70 mm.

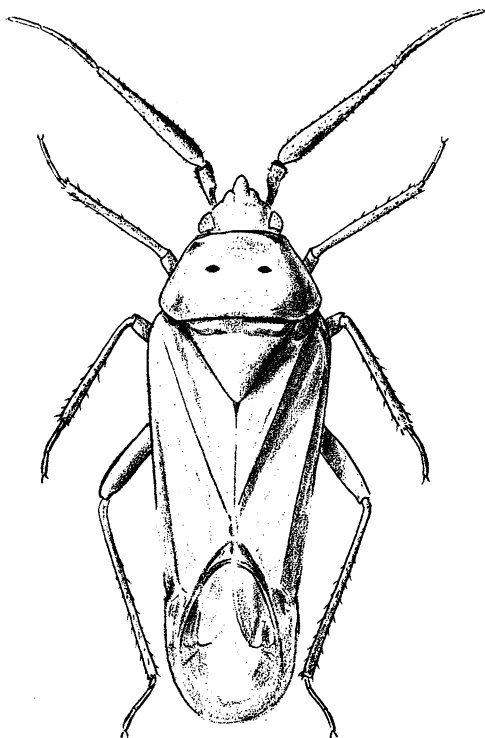


Fig. 1: *Roudairea crassicornis* Rt. (Algeria, Ain Sefra, 5. u. 6. V. 1964) ECKERLEIN.

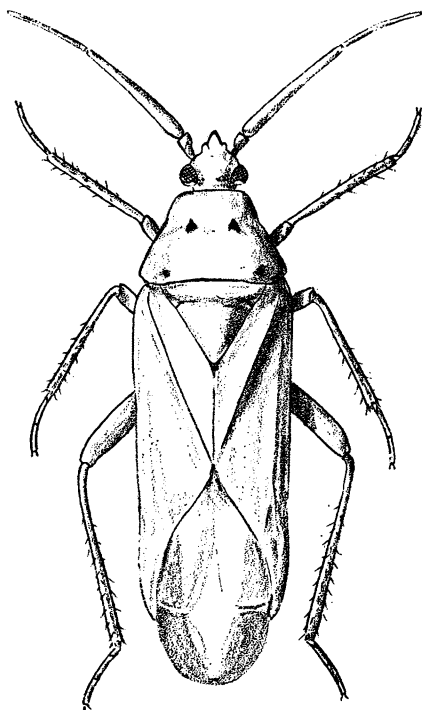


Fig. 2: *Roudairea atargatis* n. sp. Holotypus. Iran (Makran) am Kahuran bei Putab, 25. III. 1954, W. RICHTER & F. SCHÄUFFELE leg.

Material studied: Iran, Makran, Kahuran near Putab, 1 ♀, type, 25. III. 1954, RICHTER & SCHÄUFFELE, in Mus. Stuttgart.

The new species is very similar to *R. crassicornis* Rt. The female sex of the latter (Fig. 1) is much robuster, however. Especially the pronotum is much broader, 1.83–1.87 x as broad as long, and the dark basal spots are absent. The head is 1.44–1.45 x as broad as long, ocular index 2.25–2.46. The 2nd antennal joint is shorter than the basal width of the pronotum (50:56) and the hair covering of the antennae is somewhat longer and darker. The legs are also slightly shorter: length of hind femur 1.71–1.90 mm., of hind tibia 2.47–2.55 mm. A complete redescription has recently been published by WAGNER (1965).

References

- PUTON, A. (1886): Énumération des Hémiptères recueillis en Tunisie en 1883 et 1884 par MM. Valery MAYET et Maurice SÉDILLOT, etc. Suivie de la description d'espèces nouvelles (including description of the genus *Roudairea* Reuter in p. 21—22). — Expl. Sci. Tunis. Zool. Hem., p. 1—24.
- WAGNER, E. (1965): Zur Gattung *Roudairea* Reuter 1886 (Hemiptera, Heteroptera, Miridae). — *Reichenbachia* 5 (6), p. 47—50.

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