

## One new species of the genus *Nemorius* Rondani, 1856 (Diptera, Tabanidae, Chrysopsinae) from Iraq

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The palaearctic genus *Nemorius* Rondani, 1856, with 8 species and 2 subspecies (Moucha, 1969) is known from Spain to as far as Nepal. Though this genus was synonymized by Olsufjev (1937) with genus *Silvius* Meigen, 1820, the same genus was placed as a subgenus or synonym of *Chrysops* Meigen, 1803 e. g. by Kröber (1939) and Mackerras (1955). Shevshenko (1961) placed the genus *Nemorius* Rondani, 1856 as a subgenus of the genus *Silvius* Meigen, 1820. Most of the recent authors in tabanidology have restored the name *Nemorius* Rondani, 1856 to generic status, e. g. Abbassian-Lintzen (1964), Chvála, Lyneborg & Moucha (1972), Leclercq (1960 a, b) and Philip (1961).

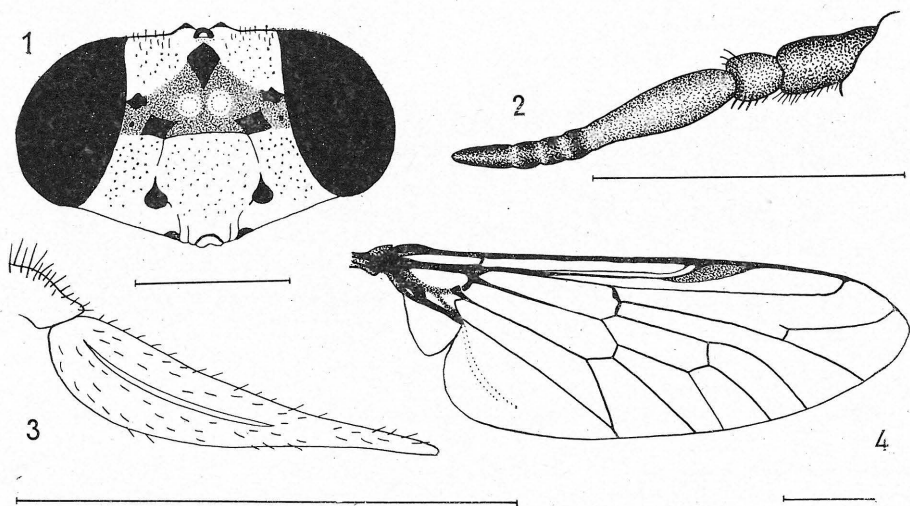
The new species from Iraq, described in the present paper, resembles some species of genus *Silvius* Meigen, 1820 by rather the robust shape of the body and apricot coloration of abdomen which is without black or grey maculations. This species, however, belongs for sure to the genus *Nemorius* Rondani, 1856 because of "wide front, a middle eye's pattern and grooved palpi". The length and the breadth of the pedicellus of this species are equal, as in *N. irritans* (Ricardo, 1901) and *N. shapuricus* (Abbassian-Lintzen, 1960). Small, doubled parantennal calli greatly resemble the former species.

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### *Nemorius baghdadensis* sp.n.

**Diagnosis.** A small, rather robust species, with small, doubled parantennal calli, the second segment of antennae as long as wide, basal two segments of antennae translucent saffron yellow, thinly covered with pale grey dust only. The second segment of palpi conspicuously long and slender, 4 times as long as wide. Proboscis thick, with apricot coloured stalk. Thorax indistinctly pale greenish-yellow lined, wings pale brown veined, with appendix to  $R_4$ , femora apricot coloured with pale, greyish dust, abdomen apricot without grey or black maculations dorsally or ventrally.

**Description.** Front somewhat prominent, rather wide (Fig. 1), conspicuously convergent above, index 1 : 0.7, pale lemon yellow pollinose, sparsely black dotted, frontal callus not very large, polished brown, sharpened somewhat anteriorly and posteriorly, ocellar tubercles small, the area behind frontal callus very indistinctly



Figs. 1—4: *Nemorius baghdadensis* sp. n. (♀). 1 — Head. 2 — Antenna. 3 — Palpus. 4 — Wing. The scale line 1 mm.

darkened. Doubled parantennal calli on either side of antennae rather small, upper parantennal callus a little smaller, not touching the eyes, subcallus pale azure dusted. Face and cheeks pale lemon yellow pollinose and sparsely pale pilose, without calli, face without dots, cheeks with fine black punctuations and with long white hairs underneath, rather azure pollinose along eye margins, tentorial pits rather small, black. Antennae long and slender (Fig. 2), basal two antennal segments translucent saffron yellow, thinly covered with pale grey dust only, like the base of segment 3, terminal flagellar segments sepia coloured. Segment 2 short, as long as broad, with rather long black hairs anteriorly, both dorsally and ventrally, otherwise segment 1 and 2 with sparse short pale hairs, segment 3 with very short ones. Proportion of antenna 2.3 : 1 : 6.3. Palpi (Fig. 3) apricot coloured, with pale short hairs, the first segment with long white hairs, apical segment rather long and thin distally, somewhat thickened basally, more than 4 times as long as broad, with a deep longitudinal furrow. Proboscis thick, with apricot coloured stalk. Eyes bare, with rather long median pattern, marginal circle very narrow anteriorly. Postocular rim broad. Thorax with small sparse golden hairs dorsally, greyish dusted, pleurae rather pale mesonotum with pale greenish yellow coloration. Stripes indistinct, median stripe greyish, broader posteriorly, sublateral and supraalar stripe very broad, rather pale greenish yellow, touching scutellum with the same coloration. Wings (Fig. 4) hyaline, with pale brown veins, stigma reduced, a spur vein present on base of  $R_4$ . Halteres creamy-white. Legs apricot coloured, coxae with pale greyish dust, paler on the femora. Apex of fore tibiae and tops of tarsal segments darker, chestnut coloured, of the other tibiae and of the tops of tarsal segments terra-cotta coloured. Abdomen apricot coloured without maculations dorsally and ventrally, all tergites and sternites sparsely golden yellow pubescent and with indefinite paler salmon coloured borders on posterior margins. Tergites at sides with long white hairs.

Length: 7.5 mm.

Male unknown.

Holotypus: Single female; Iraq, Baghdad, 17. 6. 1968, P. Stary lgt. Deposited in the Department of Entomology of the National Museum, Praha.

For comparison material of *N. irritans* (Ricardo, 1901) from Iran was examined. Rudan, 3. 4. 1970, F. Ressler lgt. (1 ♀); Qasr-e Qand, (loc. no. 153) — 25 km W, 9.—10. 4. 1973, Exp. Nat. Mus. Praha lgt. (2 ♀).

### Chart

#### *Nemorius baghdadensis* sp. n.

Apricot, rather robust species.

Face pale lemon yellow pollinose, without a black spot in the middle.

Basal two antennal segments translucent saffron yellow, thinly covered with pale grey dust only.

Palpi apricot coloured, the second segment conspicuously long and slender, more than 4 times as long as broad.

Proboscis thick, with apricot coloured stalk.

Eye's marginal circle very narrow anteriorly. Mesonotum with pale greenish yellow coloration. Stripes on the mesonotum rather indistinct.

Wings with pale brown veins, with appendix to  $R_4$ .

Legs apricot coloured, coxae with pale greyish dust, femora with paler dust, apex of the fore tibiae and tops of tarsal segments darker, chestnut coloured, apex of the other tibiae and tops of tarsal segment terra-cotta coloured.

Abdomen apricot coloured, without greyish or black maculations dorsally and ventrally.

#### *Nemorius irritans* (Ricardo, 1901)

Greyish, rather slim species.

Face grey pollinose with a black shining spot in the middle.

Basal two antennal segments heavily greyish dusted.

Palpi salmon, the second segment rather short, very thickened basally, 2.5 times as long as broad.

Proboscis thin, stalk greyish.

Eye's marginal circle interrupted anteriorly. Mesonotum greyish, stripes on the mesonotum rather distinct.

Wings with pale yellow veins, without appendix to  $R_4$ .

Coxae and femora greyish, apex of the tibiae and tops of the tarsal segments black.

Abdomen with the first two segments largely reddish yellow, with a black or greyish dorsal stripe, the remaining segments are black or greyish.

### Summary

One species of Old World *Nemorius* Rondani, 1856 is described and figured, *N. baghdadensis* sp. n. from Iraq. Significant characters in comparison with *N. irritans* (Ricardo, 1901) are given.

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