

Equatoria, Juba, 2 exx, 27.II–2.III.1963, Mundri, 1 ex, 24.II.1963, 30 km N of Terakeka, 3 exx, 2–6.III.1963, Linnavuori, in coll. Linnavuori.

Length 3.5 mm. Externally like *O. priesneri*. Ocular index 0.56 (♂), 1.4 (♀).

Male genitalia in Fig. 21i–k. Right style with strongly expanded apex bearing a group of coarse teeth. Left style triangular in outline. Apex of central vesical band claw-like, finely dentate, without “heel”; dorsal appendage smooth, falcate, with claw-like subbasal process.

Biology: On *Tamarindus indicus*.

Distribution: Known only from the Sudan.

Orthotylus (Orthotylus) vittiger Linnavuori

Fig. 18

Orthotylus vittiger Linnavuori 1975:51.

Types: The Sudan, Equatoria, Kapoeta-Boma, ♂ holotype, several paratypes, 26–27.III.1963, Linnavuori, in coll. Linnavuori.

Length 2.75–3.0 mm. Like *O. priesneri*, but smaller. Upper surface usually with pale longitudinal line from head to tip of scutellum. Ocular index 0.95 (♂), 1.56 (♀).

Male genitalia (Fig. 18i–l): Dentate process in dorsal margin of pygofer narrowish. Apex of right style triangular. Left style with horn-like apically dentate sensory lobe. Heel of apical process of central vesical band rounded, subapical area tuberculate; dorsal appendage with 3 very large apical teeth.

Distribution: Known only from the Sudan.

Orthotylus (Orthotylus) bobo sp. n.

Fig. 19

Material: Upper Volta: Bobo Dioulasso, ♂ holotype, 4 paratypes (3♂♂ 1♀), 1–2.XI.1973, Linnavuori. Nigeria: N C St., Zaria, 1♂ paratype, 2–3.VIII.1973, Linnavuori, in coll. Linnavuori.

Length 4 mm. Like the related species, but body gracile and head remarkably large, 0.75–0.80 (♂) or 0.7 (♀) × as broad as basal width of pronotum. Eyes very large, ocular index 0.73–0.80 (♂) or 1.5 (♀). Antennae dark yellow (pale

yellow in the related species), long and incrassate, proportions between joints 16:75:70:35 (♂), 16:72:61:?? (♀), 1st joint 0.36–0.40 × as long as diatone, 2nd 1.25–1.41 (♂) or 1.2 (♀) × as long as basal width of pronotum.

Male genitalia (Fig. 19a–e). Dentate process in dorsal margin of genital opening of pygofer rectangular. Apex of right style narrow, strongly curved, median surface with a row of strong teeth. Left style distinctive, hypophysis large and very broad, sensory lobe broadly roundedly produced ending in a large coarsely dentate lobe, which is turned mesad. Central sclerified band of vesica broad, apex bifid with a strongly bent, marginally dentate branch and a horn-like “heel”, which is provided with a couple of basal teeth; ventral process very broad, ending in a wing-like coarsely dentate lobe, a slender digitate subapical process also present; dorsal appendage digitate, arising near middle of dorsal margin of the central band.

Orthotylus (Orthotylus) farcha sp. n.

Fig. 19

Material: Chad: Farcha, ♂ holotype, 1♂ paratype, 20–22.V.1973, Linnavuori. Nigeria: Bauchi, Kwangi, 1♂ paratype, 14–20.III.1974, H. Politzar, in coll. Linnavuori.

Length 3.5–4.0 mm. Like *O. priesneri*. Head 0.7 × as broad as basal width of pronotum; eyes large, ocular index 0.73–0.88. Proportions between antennal joints 15:71:65:30, 2nd joint 1.08 × as long as basal width of pronotum.

Male genitalia (Fig. 19f–i): Dentate process in dorsal margin of genital opening of pygofer foot-shaped. Right style ending in a narrow apically bidentate terminal portion, median surface with a group of several teeth. Left style long and narrow, hypophysis parallel-sided, sensory lobe broadly rounded. Apex of central vesical band bifurcate, subapical area tuberculate; dorsal process short and broad, apex truncate.

Orthotylus (Orthotylus) ife sp. n.

Figs. 19–20

Material: Nigeria: W St., Ile-Ife, ♂ holotype, 29.XII.1970, 1♀ paratype, 25.III.1969, J. Medler, in coll. Linnavuori.