

**The first *Stenus Latreille* from Halmahera
(Moluccas)**
(Coleoptera: Staphylinidae) *

Volker PUTHZ

Abstract: *Stenus telnovi* **n. sp.**, a Papuan representative of the *cylindricollis*-group is described from Halmahera (Moluccas).

Zusammenfassung: *Stenus telnovi* **n. sp.**, ein papuanischer Vertreter der *cylindricollis*-Gruppe, wird von Halmahera (Molukken) beschrieben.

***Stenus telnovi* n. sp.**

Material examined: Holotype (male): Indonesia: North Moluccas: Halmahera, Halmahera tengah (Central), Weda Selatan dist., Loleo vill. S env., Tilope vill. 10 km SW, way to Oham (along Gunung Talaga Mt.), 0°13'15,10''N, 127°53'28,25''E, 14.IX.2007, edge of primary lowland forest, D. TELNOV & K. GREKE leg., in coll. PUTHZ.

Diagnosis: Dark blue-metallic with some coppery hue (especially on abdomen), brilliant, head finely and very sparsely punctate, pronotum moderately coarsely and sparsely, elytra coarsely and moderately densely, abdomen very finely and very sparsely punctate; pubescence short, indistinct. Antennae, maxillary palpi and legs yellowish, knees feebly, apices of tarsal segments distinctly infusate. Clypeus and posterior portion of labrum bluish, clypeus very densely pubescent, anterior half of labrum yellowish.

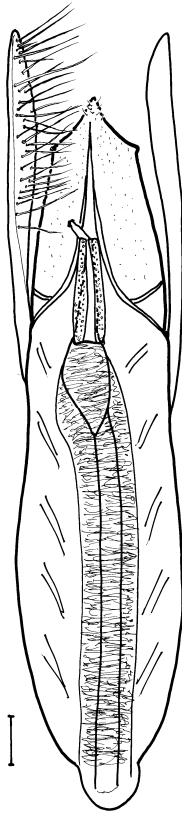
Description: Length: 6.4 mm (forebody: 3.1 mm).

* 307th contribution to the knowledge of Steninae.

Proportional measurements of the holotype: head width: 45; average distance between eyes: 24; pronotal width: 30; pronotal length: 40; elytral width: 44; elytral length: 57; sutural length: 44.

Male: Metasternum feebly convex, finely and sparsely punctate. Sternite 3 simple, sternite 4 with a broad and shallow median impression, which is very finely and very densely punctate with long pubescence, sternite 5 with a broad and deep median impression, as finely and similarly pubescent as sternite 4, posterior margin broadly emarginate, sternite 6 with a broad impression in posterior two thirds, which is very finely and densely punctate and shortly pubescent, posterior margin broadly emarginate, sternite 7 with a very shallow impression in proximal middle, which is moderately finely and moderately densely punctate, posterior margin nearly straight. Sternite 8 with a deep and narrow excision in about posterior third (length of sternite: depth of excision = 33:12). Sternite 9 serrate at posterior margin. Tergite 10 at smooth posterior margin broadly rounded, slightly concave medially. Aedeagus (fig. 1), apical portion of median lobe triangular with a ventromedian carina, internal sack with a broad and long tube, embedded in a membranous envelope with fine tufts; parameres much longer than the median lobe, with about 30 long setae.

Head slightly broader than elytra, frons broad, longitudinal furrows indistinct, median portion broader than each of the lateral portions, nearly flat, impunctate, a series of fine punctures near eye margin, few fine punctures scattered on rest of surface. Antennae partly missing in the holotype (should be longer than the pronotum when reflexed). Pronotum much longer than broad, nearly parallel-sided, broadest behind middle, very slightly concave behind; punctuation moderately coarse, sparse, diameter of punctures nearly as large as basal cross section of antennal segment 3, three longitudinal areas in the middle of the pronotum impunctate, rest of surface sparsely punctate, interstices of punctures mostly twice as wide as diameter of punctures. Elytra rectangular, much longer than broad, sides nearly parallel, posterior margin deeply triangularly emarginate; punctuation coarse and moderately dense, diameter of punctures about as large as medial cross section of antennal segment 2, interstices in sutural and lateral thirds smaller than diameter of punctures, in medial third larger (up to twice as) than diameter of punctures. Abdomen cylindrical, basal constrictions of segments deep, tergite 7 with a broad membranous fringe apically (the species is fully winged); large



punctures in basal constrictions of segments, punctuation of tergites very fine and very sparse, diameter of punctures at most as large as one inner eye facet, interstices much wider than diameter of punctures, tergite 10 almost impunctate. Legs very slender, metatarsi about $\frac{1}{2}$ as long as metatibiae, segment 1 as long as the three following segments combined, much longer than the last segment; segments 2–4 broadly bilobed. Except very shallow microsculpture on tergite 7 and distinct reticulation on tergite 8 the whole insect lacks microsculpture.

Female: unknown.

Etymology: I dedicate this remarkable new species to its collector, D. TELNOV (Dzidriņas, Latvia) with thanks for the gift of the holotype to my special collection.

Fig. 1: *Stenus telnovi* n. sp. (holotype): ventral aspect of aedeagus (scale bar = 0.1 mm)

Discussion

This new species belongs to the group of *S. cylindricollis* Fauvel (PUTHZ 1972:488) and in this group phylogenetically to the fauna of the Papuan subregion of the Orientalis (FRANZ & BEIER 1970). It might be distinguished from *S. caelestinus* Puthz and from *S. coelestis* Fauvel (both from New Guinea) by the nearly impunctate frons, furthermore from the first by somewhat sparser punctuation of the pronotum and less dense punctuation of the elytra, from the latter by much sparser pronotal punctuation, less dense elytral punctuation and the nearly smooth tergite 7, from both by the male sexual characters.

References

- FRANZ, H. & BEIER, M. (1970): Die geographische Verbreitung der Insekten. – Handbuch der Zoologie IV, 2.1:1–39; Berlin.
- PUTHZ, V. (1972): Revision of the *Stenus*-species of New Guinea, Part II (Coleoptera: Staphylinidae). – Pacific Insects **14**:475–527.

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ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

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