

A new species of *Stenonabis* from the Philippines (Heteroptera: Nabidae)

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Kerzhner, I.M. 2008. A new species of *Stenonabis* from the Philippines (Heteroptera: Nabidae). *Zoosystematica Rossica*, **17**(1): 79-80.

Stenonabis confusulus sp. n. is described from the Philippines. The species is similar to *S. leytensis* Kerzh. and was confused with it in the original description of the latter.

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When describing *Stenonabis leytensis* from the Leyte Island, Philippines, I (Kerzhner, 1970) confused two externally similar species. All paratypes (1 ♂, 9 ♀), including that from which the female genitalia were drawn, were actually not conspecific with the holotype (♂) and belonged to another new species, which is described below as *S. confusulus* sp. n. *S. confusulus* seems to be rather common in the Philippines, whereas *S. leytensis* is still known from the holotype only.

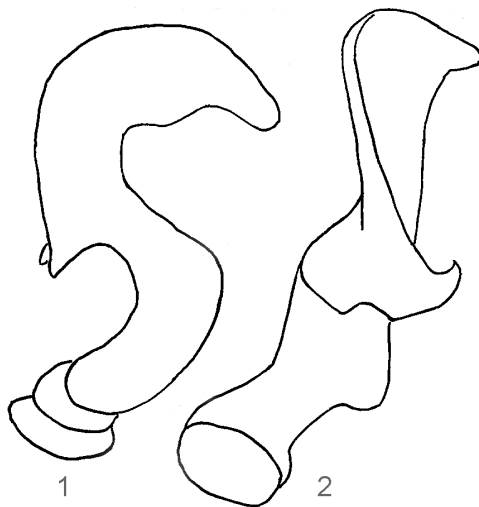
The following abbreviations are used for depositories of the material examined: AMNH, American Museum of Natural History, New York, USA; BISH, Bishop Museum, Honolulu, Hawaii, USA; NHRS, Naturhistoriska Riksmuseet, Stockholm, Sweden; RMNH, Nationaal Natuurhistorisch Museum, Leiden, The Netherlands; USNM, U.S. Natural History Museum, Smithsonian Institution, Washington, D.C., USA; VPGC, V.P. Gapud's collection, Los Baños, Philippines; ZISP, Zoological Museum, Russian Academy of Sciences, St. Petersburg, Russia; ZMHF, Zoological Museum, Helsinki, Finland.

Stenonabis confusulus sp. n. (Figs 1, 2)

Stenonabis leytensis: Kerzhner, 1970: 320 (part., non holotypus).

Holotype. ♂, **Philippines**, *Leyte I.*, Dagami, 14 mi. SW Tacloban, 11.VIII.1961, P. I. Natl. Mus. and Am. Mus. Nat. Hist. Expedition (AMNH).

Paratypes. **Philippines**, *Leyte I.*: 8 ♀, same data as holotype, but 18, 20, 23.VII.1961 (AMNH, ZISP); 1 ♀, Abuyong, 35 mi. S Tacloban, 4.VII.1961, P. I. Natl. Mus. and Am. Mus. Nat. Hist. Expedition (AMNH); *Luzon I.*: 1 ♂, Alabang, Rizal Prov., XI.1945, B. Malkin (USNM); 3 ♀, Los Baños, Baker (USNM, ZMHF); 1 ♂, Mt. Makiling, at light, 25.VII.1976, V.P. Gapud (VPGC); 1 ♂, 1 ♀, same



Figs 1, 2. *Stenonabis confusulus* sp. n., paramere in two positions.

locality, Baker (ZMHF); 1 ♀, Misamis Or., Pigtibrian, 1-13.V.1961, W.M. Torreallas (BISH); *Mindanao I.*: 1 ♀, Mt. Apo School, 15 km SW Davao, 500 m, 22-31.X.1965, D. Davis (USNM); 1 ♂, Zamboanga, at light, 16.VIII.1952, L.D. Brongersma & W.J. Roosdorp (RMNH); 1 ♂ (in light trap), 2 ♀, Agusan, Los Arcos, 19-23.XI.1959, S. & L. Quate (BISH); 1 ♀, Mukidon, Malaybalay Alanib, 910 m, 25.X.1959, L.W. Quate (BISH); 1 ♂, Zamboanga del Norte, Manucan, 25 km S, 500 m, 18.X.1959, L.W. Quate (BISH); *non-localized*: 2 ♀, "Ins. Philipp.", "[leg.] Semper" (NHRS); 1 ♂, "Ins. Philipp." (NHRS). All specimens from Leyte Island (holotype and paratypes) were previously listed as paratypes of *S. leytensis*.

Description. Dorsal side of head medially, collum and hind lobe of pronotum moderately shining (lesser than in *S. leytensis*, sometimes almost dull). Pubescence pale, short, sparse.

General coloration dirty yellow. Dorsum of head with median brown stripe, sides before and behind eyes brownish. Antennal segment 2 brown-black in apical 0.2. Pronotum with brown median stripe, which is of equal width on fore and hind lobe. Sublateral stripes of hind lobe diverging in basal two-thirds and parallel in apical third; between sublateral and median stripe sometimes brown spots not forming stripes. Scutellum with median black stripe reaching its apex and slightly widening on mesoscutum. Claval commissure, veins, and lateral margin of corium yellowish; spaces between veins on clavus and corium entirely brownish or with a few pale spots in the middle, mainly in the apical half of corium. Veins of corium without red tinge, rarely a few reddish marks in outer field of corium. Apex of corium slightly darkened at the border with membrane or in apical corner, but not as contrasting spot. Membrane grey, with brown veins. Legs yellowish; fore and middle femora without dark spots or with hardly discernible ones, narrowly darkened at apex. Wide apical ring on hind femora and apices of all tibiae and tarsi brown. Ventral side of thorax and abdomen with two longitudinal brown stripes; abdomen also with median brown stripe sometimes interrupted in portions; sometimes, especially in male, all stripes merging in hind part or the whole abdomen, but the connexivum is always pale.

Head length 1.00-1.04 mm (before eye 0.47-0.50, eye 0.39-0.41, behind eye 0.13-0.14 mm). Head width 0.76-0.86 mm (before eyes 0.40-0.44, behind eyes 0.54-0.57); vertex width 0.29-0.35 mm. Sides of head slightly diverging beyond eyes. Ocelli large, strongly convex. Length of antennal segments (1-4): 0.83-0.87, 1.11-1.26, 1.36-1.57, 1.43-1.57 mm. Length of rostral segments (2-4): 0.86-0.93, 0.79-0.86, 0.43-0.49 mm.

Pronotum length ♂ 1.43-1.46, ♀ 1.51-1.60 mm (collar 0.23-0.26, fore lobe 0.53-0.57, hind lobe ♂ 0.67-0.70, ♀ 0.71-0.79 mm); width of pronotum anteriorly 0.64-0.70 mm, posteriorly ♂ 1.57-1.69, ♀ 1.71-1.86 mm. Punctuation of hind lobe uniform, fine, dense. Scutellum wider than long (0.67-0.80 : 0.60-0.67 mm), slightly longer than line of contact of clavi. Membrane without closed cells.

Length of fore and middle femur 1.9-2.1 mm, of fore and middle tibia 1.8-2.0 mm, of hind femur 2.6-2.9 mm, of hind tibia 2.8-3.2 mm.

Paramere as in Figs 1, 2. Vagina as figured by Kerzhner (1970) for *S. leytensis*.

Body length ♂ 6.5-6.8 mm, ♀ 6.8-7.5 mm; body width ♂ 1.5 mm, ♀ 1.5-2.0 mm.

Comparison. The new species is similar in the structure of the male and female genitalia to *S. tibialis* (Distant, 1919) (India to Taiwan; for figures, see Kerzhner, 1992: 252, figs 15-17), but there are clear and stable differences in details; in particular, the widened inner margin of paramere is rounded, not angulate. The shape of the paramere in *S. leytensis* Kerzh. is very distinct.

Acknowledgements

I am thankful to R.T. Schuh (New York), Th. Henry (Washington), the late A. Jansson (Helsinki), the late P. Lindskog (Stockholm), P. H. van Doesburg (Leiden), and V.P. Gapud (Los Baños) for the material used in this study.

References

- Kerzhner, I.M.** 1970. Neue und wenig bekannte Nabidae (Heteroptera) aus den tropischen Gebieten der Alten Welt. *Acta Entomol. Mus. Nat. Pragae*, **38**, 1969: 279-359.
- Kerzhner, I.M.** 1992. Nabidae (Insecta: Heteroptera) aus Nepal, Nord-Indien und Nord-Pakistan. *Bonner Zool. Beitr.*, **43**(2): 247-292.

Received 15 April 2008, accepted 10 June 2008.