

## On the female genitalia of *Nabis potanini* Bianchi and *N. semiferus* Hsiao (Heteroptera: Nabidae)

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Kerzhner's (1981) figures of the female genitalia of *Nabis potanini* refer to *N. semiferus* and vice versa. Ren's (1998) figures of the female genitalia of *N. semiferus* refer to *N. palifer* Seid.

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*Nabis (Milu) potanini* and *N. (M.) semiferus* were both described from Sichuan, China (Bianchi, 1896; Hsiao, 1964). They are very similar in external appearance, but males differ clearly in the structure of parameres and aedeagus. The type series of *N. potanini* in the Zoological Institute, St.Petersburg, consisted of 1 male (lectotype) and 17 females. In 12 of these females, the parietal glands of the vagina are elongate and situated laterally or dorsolaterally, as in the examined paratype of *N. semiferus*, a subbrachypterous female received from the late Prof. T.Y. Hsiao. Kerzhner (1981) considered that these specimens belong to *N. semiferus* and the remaining 5 females, with circular parietal glands situated ventrally, to *N. potanini*. Figures of the female genitalia of both species were named in accord with these identifications.

Recently, I have received 1 ♂ and 2 ♀ from Yunnan and 1 ♂ and 1 ♀ from Vietnam (new record: Hoa Binh Prov., 40 km W Mai Chau, Pa Co, 1090 m, 19-22.IV.2002, Belokobylskij leg.), all specimens subbrachypterous. Both males belong to *N. potanini*, and all females have elongate lateral parietal glands. Also the figure of the female genitalia of *N. potanini* by Ren (1998), though imprecise, shows rather elongate parietal glands. In addition, *N. potanini* is characterised by Chinese authors (Hsiao, 1964; Hsiao & Ren, 1981; Ren, 1998) as the smaller of the two species, which fits the species with elongate parietal glands. These facts lead me to conclusion that females of the two species (including the examined paratype of *N. semiferus*) were associated with males incorrectly.

Hence, figures 250 and 251 in Kerzhner (1981) refer in fact to *N. semiferus* (not to *potanini*), and figures 255 and 256 to *N. potanini* (not to *semiferus*).

It is also obvious that the female genitalia of *N. semiferus* figured by Ren (1998, Figs 381, 382) are actually those of *N. (Nabis) palifer* Seidenstücker.

Nearly all examined specimens of *N. potanini* are subbrachypterous. On the contrary, all examined specimens of *N. semiferus*, and also the specimen figured by Hsiao & Ren (1981, photo 834), are macropterous; the only exception is a subbrachypterous female from the type series of *N. potanini*, but it is not improbable that it is actually a specimen of *N. potanini* with genital preparation of *N. semiferus* added through confusion.

### References

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