

SOME CADDISFLIES FROM KOREA

Hans Malicky

Prof.Dr.A.SZEPTYCKI has caught some caddisflies in Korea which were forwarded to me by Doc.Dr.B.SZCZESNY. The list is given below. Most of the species were already known from Korea (see references below), but one is new. The material is in the collection of the Institute of Systematics and Evolution of Animals PAN, Kraków, Poland, and in my own collection. I want to thank both colleagues for giving me specimens for my collection.

List of the species

N-Korea, Sujang-san near Hedzu, 18.6.1985; valley above a waterfall. A broad glade surrounded by vast broadleaved forest; collected at light:

Glossosoma ussuricum Martynov 1934: 13♀,
Hydropsyche sp.: 1♀, Goera japonica Banks 1906:
1♂.

N-Korea, Mjohjang-san, 23.6.1985, valley nearby Tosol waterfall:

Rhyacophila mroczkowskii Bots.1970: 2♂,
Rhyacophila szeptyckii n.sp.: 3♂, 1♀, Lepidostomatidae g.sp.: 1♀.

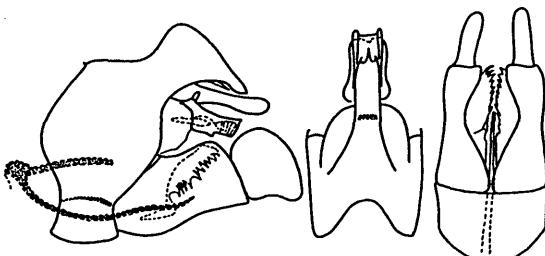
N-Korea, Mjohjang-san, 23.6.1985, collected at light near the hotel:

Rhyacophila lata Mart.1918: 1♂, Glossosoma altaicum Mart. 1914: 1♂, 16♀, Glossosoma ussuricum Mart. 1934: 5♀, Plectrocnemia baculifera Bots.1970: 2♂, Ecnomus sp.: 1♀, Stenopsyche coreana Kuwayama 1930: 4♂, 2♀, Arctopsyche palpata Mart.1934: 2♂, Hydropsyche valvata Mart. 1927: 1♂, Hydropsyche spp.: 60♀, Cheumatopsyche sp.: 3♀, Potamyia czekanowskii Mart.1910: 1♂*, Macrosternum radiatum McL.1872: 2♀, Asynarchus amurensis Ulmer 1905: 1♀, Oecetis sp.: 1♀, Setodes pulcher Mart.1910: 1♂, Mystacides sp.: 1♀, Leptoceridae gg.spp.: 4♀, Gumaga okinawaensis Tsuda 1938: 2♀, Lepidostomatidae g.sp.: 2♀.

*Note. Potamyia czekanowskii is included by various authors in the genera Potamyia (Schmid 1967 etc.), Cheumatopsyche and Synaptopsyche (Ulmer 1951). It appears that a revision is necessary.

Description of Rhyacophila szeptyckii, new species

Body and appendages yellowish, dorsally darker. Tibial spurs brown. Both wings pale yellow, pterostigma whitish, oval. Length of forewing ♂ 7mm, ♀ 8mm. 7th sternite in the male with a small ventral tooth. ♂ Genitalia (see the figure):



Segment 9 relatively short in its ventral part, but dorsal part much longer; in between slightly narrowed. Dorsal lobe widely protruding caudally, with a big dorsal hump, ending in three fine points. Below lies a broad gutter-like structure

which is probably the dorsal part of segment 10; below this is another structure whose shape may be seen in the drawing. First segment of the inferior appendages of medium length, with a sharply toothed comb inside. Second segment roundish with a slight ventrodistal angular lobe. The phallic apparatus is reduced to a long, thin, pointed curved tube. This species is very close to R.kaltatica Lev.& Schmid 1977, but the dorsal lobe of segment 9 is much wider. Both species are isolated in the genus, and it is unclear to which group (Schmid 1970) they may be joined. Holotype ♂ and paratypes (2♂, 1♀): see above.

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CHANGE OF ADDRESSES

Prof.Dr.W.Sauter
Soorhandenstraße 5
CH - 8308 Illnau

Dr.Alice Wells
Australian Biological Resources Study
GPO Box 636
Canberra, ACT 2601, Australia

Dr.Zandis Spuris
Miera iela 19-6
LV - 2169 Salaspils, Latvia

Dr.Steve Harris
Department of Biology
Clarion University
Clarion, PA 16214, USA

ZOBODAT - www.zobodat.at

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Autor(en)/Author(s): Malicky Hans

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