

# Additions to the Heteropteran fauna of Yakutia

N.N. Vinokurov & A.D. Stepanov

Vinokurov, N.N. & Stepanov, A.D. 2001. Additions to the Heteropteran fauna of Yakutia. *Zoosystematica Rossica*, 9(2), 2000: 385-386.

9 species of bugs are recorded from Yakutia for the first time, and new data on distribution of 16 rare species in southern part of Yakutia are given.

N.N. Vinokurov, A.D. Stepanov, Institute of Biological Problems of Cryolithozone, Siberian Department, Russian Academy of Sciences, prosp. Lenin# 41, Yakutsk 677000, Russia.

The paper includes new data on the distribution of 25 rare species of bugs in South Yakutia. Most of the material was collected in eastern part of the Stanovoi Range (Tokinskiy Stanovik) and the "Pilka" resource reservation, which occupies the basin of the Pilka River, right tributary of the Lena River near the boundary between Yakutia and Irkutsk Province. The Heteropteran fauna of Yakutia with addition of 9 species recorded for the first time in this paper consists of 395 species in 27 families.

## Family GERRIDAE

**Gerris lacustris** L. Pilka R., everywhere from upper reaches to mouth, 24.VI-1.VII.2000 (Vinokurov leg.), 29 ex. Previously recorded from Central Yakutia (Yurinsky, 1925). Distribution: transpalaeartic.

## Family SALDIDAE

**Chiloxanthus suturalis** Jak. Upper reaches of the Pilka R., on soil of dried up pool near river bank, 30.VI-1.VII.2000 (Vinokurov leg.), 1 ♀. The species is common in mountain tundra and very rare in Central Yakutian plain. Distribution: E and NE Siberia.

## Family ANTHOCORIDAE

**Orius horvathi** Reut. Mouth of the Pilka R., dry mountain slope, from *Tanacetum vulgare* growing between young pine trees, 24.VII.1999 (N.K. Potapova leg.), 3 ♂, 4 ♀. First record from Yakutia. Distribution: from W Europe and N Africa to Middle Asia, Baikal, Mongolia and China.

## Family MIRIDAE

**Lygocoris nemoralis** Kulik. Pilka R., everywhere from middle part (Zolotoporodsnab) to mouth, swept from *Salix*, 30.VI-8.VII.2000 (Vinokurov leg.), 10 ex. Previously recorded from Aldan plateau and Stanovoi Range (Vinokurov et al., 1998). Distribution: Transbaikalia, south of the Far East, NE Mongolia.

**Zygmus nigriceps** Fall. Upper reaches of the Pilka R., on *Juniperus*, 30.VI-1.VII.2000 (Vinokurov leg.), 5 ♂. Previously recorded from Central Yakutia (Vinokurov, 1985). Distribution: Euro-Siberian.

**Lygus pratensis** L. Mouth of the Pilka R., 26.VI.2000 (Vinokurov leg.), 1 ♂. First record from Yakutia. Distribution: W Palaearctic.

**Pinalitus rubricatus** Reut. Lensk, on *Pinus sylvestris*, 10.VII.2000 (Vinokurov leg.), 1 ♂. Previously recorded from Aldan plateau (Vinokurov et al., 1998). Distribution: Euro-Siberian.

**Dichrooscytus altaicus** Jos. Upper reaches of the Pilka R., on *Juniperus*, 30.VI-1.VII.2000 (Vinokurov leg.), 2 ♂, 1 ♀, 5 larvae. Previously recorded from Central Yakutia and Vilui R. (Vinokurov, 1985). Distribution: Altai, E Siberia.

**D. rufipennis** Fall. Lensk, on *Pinus sylvestris*, 11.VII.2000 (Vinokurov leg.), 1 ♂. Previously recorded from Central Yakutia (Vinokurov, 1979). Distribution: Euro-Siberian.

**Orthotylus fuscescens** Kbm. Lensk, on *Pinus sylvestris*, 11.VII.2000 (Vinokurov leg.), 1 ♂. Previously recorded from Central Yakutia (Vinokurov, 1979). Distribution: Europe, S Siberia.

**Oncotylus punctipes** Reut. Mouth of the Pilka R., 24.VII.1999 (N.K. Potapova leg.); mouth of the Yukhta R., right tributary of the Pilka R., 31.VII.1999 (N.K. Potapova leg.); Pilka R., 70 km upper mouth, 26.VII.1999 (E. Ivanova leg.). In all 4 ♂, 4 ♀ were collected on dry mountain slope covered by pine trees, under aspen woods near river bank, cutting areas in forest from *Tanacetum vulgare*. First record from Yakutia. Distribution: Europe, S Siberia.

**Brachyarthrum limitatum** Fieb. Tokinskiy Stanovik, upper reaches of the Algama R., mouth of its tributary Artyk, on *Populus*, 14.VII.2000 (Nogovitsyna leg.), 2 ♂. Previously recorded from Central Yakutia (Vinokurov, 1993). Distribution: Euro-Siberian.

**Plesiodema pinetella** Zett. Lensk, on *Pinus sylvestris*, 11.VII.2000 (Vinokurov leg.), 2 ♀. First record from Yakutia. Distribution: Euro-Siberian.

**Psallus (Pityopsallus) laticeps** Reut. Middle part of the Pilka R.: 2 km upstream of right tributary Ognel', 6.VII.2000; Lensk, 9-11.VII.2000 (Vinokurov leg.). In

all 12 ♂, 2 ♀ collected on *Picea obovata*. Previously recorded from Central Yakutia (Vinokurov, 1998). Distribution: E Siberia.

**Psallus (Pityopsallus) sachaensis** Vin. Middle part of the Pilka R.: Zolotoprodusnab; 2 km upstream of right tributary Ognel', 4-6.VII.2000 (Vinokurov leg.), 8 ♂, 5 ♀ collected on *Picea obovata* and *Abies sibirica*. Previously recorded from Central Yakutia (Vinokurov, 1998). Distribution: Yakutia.

**Plagiognathus pini** Vin. Middle part of the Pilka R., mouth of Kudalakh Str., 600 m, on *Pinus pumila*, 5.VIII.2000 (Vinokurov leg.), 1 ♂, 1 ♀, 3 larvae. Previously recorded from mountain territories of NE Siberia and Aldan plateau. Distribution: Yakutia, Far East.

#### Family TINGIDAE

**Acalypta platycheila** Fieb. Mouth of the Pilka R., pitfall trap in wet valley meadow, 5.VIII.1999 (N.K. Potapova leg.), 1 ♀. First record from Yakutia. Distribution: Europe, S Siberia.

**Stephanitis oberti** Kol. Tokinskiy Stanovik, upper reaches of the Algama R., right tributary Tuksani, swamp meadow, 10.VIII.2000 (Nogovitsyna leg.), 2 ♂. First record from Yakutia. Distribution: Euro-Siberian.

**Tingis cardui** L. Upper reaches of the Pilka R., on *Sonchus*, 28.VII.2000 (Vinokurov leg.), 1 ♂, 1 ♀. First record from Yakutia. Distribution: Euro-Siberian.

#### Family PIESMATIDAE

**Piesma capitatum** Wolff. Middle part of the Pilka R., Zolotoprodusnab, meadow near river bank, 4.VII.2000 (Vinokurov leg.), 1 ♂. Previously recorded from Olekminsk (Vinokurov, 1979). Distribution: transpalaearctic.

#### Family LYGAEIDAE

**Trapezonotus anorus** Fl. Upper reaches of the Pilka R., pitfall trap in pine forest, 2.VII.2000 (Vinokurov leg.), 1 ♂, 2 ♀. Previously recorded from environs of Olekminsk (Vinokurov, 1990). Distribution: Euro-Siberian.

#### Family RHOPALIDAE

**Brachycarenum tigrinus** Schill. Middle part of the Pilka R., 2 km upstream of the right tributary Ognel', stony steppe slope, 6.VII.2000 (Vinokurov leg.), 1 ♂. Previously recorded from Central Yakutia and Olek-

minsk (Vinokurov, 1979). Distribution: almost transpalaearctic.

**Rhopalus distinctus** Sign. Low reaches of the Pilka R., stony steppe slope, 7.VII.2000 (Vinokurov leg.), 2 ♂, 2 ♀. Previously recorded from SW and Central Yakutia (Vinokurov, 1979), also found in petrophytous habitats in Aldan plateau. Distribution: Euro-Siberian.

#### Family ACANTHOSOMATIDAE

**Acanthosoma haemorrhoidale** L. Lensk, Ryzhov's garden, 10.VII.2000 (Vinokurov leg.), 1 ♂ collected on deciduous shrubs. Probably was imported with nursery stock. First record from Yakutia. Distribution: Euro-Siberian.

#### Family PENTATOMIDAE

**Pentatoma rufipes** L. Tokinskiy Stanovik, upper reaches of the Algama R., mouth of Chaidakh R., on deciduous shrubs, 23.VII.2000 (Nogovitsyna leg.), 1 ♂. First record from Yakutia. Distribution: Transpalaearctic.

#### References

- Vinokurov, N.N. 1979. Heteroptera of Yakutia. *Opre-deliteli po faune SSSR*, 123: 1-232. (In Russian; English transl. 1988, Amerind, New Delhi).
- Vinokurov, N.N. 1985. Contributions to the fauna of Heteroptera of Yakutia. In: *Materialy po faune i ekologii nasekomykh Yakutii* [Contributions to the fauna and ecology of insects of Yakutia]: 54-67. Yakutsk. (In Russian).
- Vinokurov, N.N. 1990. Bugs of the genus *Trapezonotus* (Heteroptera, Lygaeidae) in the fauna of the USSR and Mongolia. In: *Nasekomye Mongolii* [Insects of Mongolia], 11: 70-90. Leningrad. (In Russian).
- Vinokurov, N.N. 1998. Asian plant bugs of the subgenus *Pityopsallus* E. Wagn., genus *Psallus* Fieb. (Heteroptera, Miridae). *Zoosyst. ross.*, 7: 287-296.
- Vinokurov, N.N., Novikov, D.A. & Stepanov, A.D. 1998. Records of little-known Homoptera and Heteroptera from Yakutia. *Zoosyst. ross.*, 7: 173-174.
- Yurinskiy, T.O. 1925. Contribution to the knowledge of the Heteropteran fauna of East Siberia. *Russk. entomol. Obozr.*, 19(3/4): 229-231. (In Russian).

Received 14 April 2000