

Records of little-known Homoptera and Heteroptera from Yakutia

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2 species of aphids and 12 species of bugs are recorded from Yakutia for the first time. In addition, new data on distribution of 17 rare species are given.

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The paper contains new data on the distribution of some aphids and terrestrial bugs obtained recently in various regions of Yakutia. The names of collectors and regions of Yakutia are abbreviated as follows: N. – D.A. Novikov, NV. – S.N. Nogovitsyna and A.V. Vinokurova, S. – A.D. Stepanov, V. – N.N. Vinokurov, W. – X. Watabe (Hokkaido University of Education, Sapporo, Japan); N – northern, NE – north-eastern, W – western, NW – north-western, C – central, S – southern.

Order HOMOPTERA, Aphidoidea

Macropodaphis primigenius Iv.-Shub. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.), 1 alate viviparous individual collected on the ice surface. First record from Yakutia. Distribution: South Siberia, Mongolia.

Thripsaphis ossianilssoni H.R.L. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.), 1 alate viviparous individual collected on the ice surface. First record from Yakutia. Distribution: Primorsk Terr., Japan.

Mordvilkovella jacutensis Pashtshenko. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.), 1 alate viviparous individual collected on the ice surface. The alate form of this species is recorded for the first time. Distribution: Central Yakutia.

Order HETEROPTERA

Ceratocombus corticalis Reut. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.), 1 ♀ found on the ice surface. First record from Yakutia. Distribution: Eurosiberian.

Chiloxanthus suturalis Jak. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 12-14.VI.1996 (NV.), 3 ex. collected on the ice surface. Previously was recorded from the arctic zone and mountains of NE Yakutia. Distribution: East Siberia.

Salda sahlbergi Reut. S: Stanovoi Range, 4 km E of Nagorny, peat bog, 15-16.VII.1995 (V.). C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.). NE: Chersky Range, upper reaches of Moma R., Icing Ulakhan-Taryn near Sasyr vill., VII.1993 (Aleksieva). 5 ex. First record from Yakutia. Distribution: South Siberia, Mongolia.

S. micans Jak. S: Stanovoi Range: 4 km E of Nagorny, 15-16.VII.1995 (V.); Lake Maloe Toko, 22.VII.1990 (V.). Distribution: East Siberia.

Nabis limbatus Dahlb. S: Aldan plateau, lower reaches of Uchur R., 2 km downstream of Kurungkhakhae Isl., 31.VII.1991 (Sivtsev), 1 ex. Distribution: Eurosiberian.

Elatophilus nigrellus Zett. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 11-13.VI, 5-7.VII.1996 (W., NV.), 2 ♀ collected on the ice surface. First record from Yakutia. Distribution: Eurosiberian.

Anthocoris nemorum L. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.), 1 ex. collected on the ice surface. Distribution: Eurosiberian.

Myrmedobia exilis Fall. S: Stanovoi Range, 5 km SE of Nagorny, near road Yakutsk – Bol'shoi Never, 17.VII.1995 (V.), 1 ♀. Distribution: Eurosiberian.

Bothynotus pilosus Boh. W: Ala-Uryakh, 60 km S of Mirny, near road Mirny – Lensk, 21.VII.1997 (S.), 1 ♂, wet meadow in a valley of a small forest stream. Distribution: Eurosiberian.

Polymerus rubidus Reut. S: Aldan plateau, Chul'man, 15.VII.1990 (V.), 6 ex., on meadow near river bank. Distribution: East Siberia, Mongolia.

Lygocoris nemoralis Kulik. S: Aldan plateau, Iengra, 50 km S of Neryungri, 18.VII.1994 (V.); Stanovoi Range, Tipton R., 4 km E of Nagorny, 15.VII.1994 (V.). 2 ♂, 1 ♀. On *Salix*. First record from Yakutia. Distribution: Transbaikalia, south of the Far East, NE Mongolia.

Pinalitus rubricatus Reut. S: Aldan plateau, Elkonsky Horst, Akin stream, left tributary of Kurung

R., 5.VIII.1990 (V.); Chul'man, 14.VII.1990 (V.). 15 ex. Distribution: Eurosiberian.

Stenodema calcarata Fall. S: Maly Nokhot Stream, left tributary of Gorblyakh R., 12.VII.1994 (V.); mouth of Cul'makan R., left tributary of Timpton R., 12.VII.1997 (V.); Stanovoi Range, Timpton R., 4 km E of Nagorny, 15.VII.1994 (V.). 5 ex. First record from Yakutia. Distribution: Eurosiberian.

Teratocoris caricis Kirk. N: Indigirka R., Abyi, 60 km S of Belaya Gora, 26.VII.1980 (Potapova), 1 ♂, 3 ♀. First record from Yakutia. Distribution: Northern Holarctic.

Pithanus hrabei Stehl. S: Stanovoi Range, Timpton R., 4 km E of Nagorny, 15.VII.1994 (V.), 1 ♀. NE: Sette-Daban Range, 150th km of road Khandyga – Magadan, 1 ex. Distribution: Holarctic.

Orthotylus rubidus Jak. W: Kempendyai, 47 km SE of Suntar, 23.VIII.1997 (S.), 1 ♂, 2 ♀, bank of salt lake, on *Salicornia*. First record from Yakutia. Distribution: West and Central Palaearctic.

Orthotylus bilineatus Fall. S: Stanovoi Range, Maloe Toko Lake, 25.VII.1990 (V.), 1 ♂. First record from Yakutia. Distribution: Eurosiberian.

Psallus ermolenkoi sichotensis Kerzh. S: Aldan plateau, upper reaches of Russkaya R., Elkonky Horst, 6.VIII.1990 (V.); Iengra, 18.VII.1994 (V.); Stanovoi Range, Maloe Toko Lake, 23-26.VII.1990 (V.); near road Yakutsk – Bol'shoi Never, 5 km S of Nagorny, 17.VII.1994 (V.). 17 ex. On *Pinus pumila*. First record from Yakutia. Distribution: East Siberia (S Yakutia), Russian Far East.

Acalypta elegans Horv. N: lower reaches of Yana R., Kular, 1996 (N.), 1 ex. collected in mountain tundra by pitfall traps. Distribution: Altai, NE Siberia.

Lasiacantha haplophylli Golub. W: 18 km SE of Mirny, Irelyakh valley, 10 ex. Distribution: C Yakutia, Mongolia.

Aradus obtectus Vash. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy, 11-14.VII.1996 (NV.), 1 ♀. S: Aldan R., Khatystyr, 40 km NW of Aldan town, 14.VI.1992 (B.), 1 ♀. First record from Yakutia. Distribution: Eurosiberian.

Aneurus avenius Duf. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 11-14.VII.1996 (NV.), 1 ♀ collected on the ice surface.

First record from Yakutia. Distribution: Eurosiberian.

Gampsocoris culicinus Seid. S: Aldan plateau, Elkonky Horst, Akin stream, left tributary of Kurung R., 5.VIII.1990 (V.), 55 ex. First record from Yakutia. Distribution: West Palaearctic.

Nysius helveticus H.-S. S: Aldan plateau, Elkonky Horst, Akin stream, left tributary of Kurung R., 5.VIII.1990 (V.), 55 ex. Distribution: Palaearctic.

Ulmicola spinipes L. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (V.), 1 ex. collected on the ice surface. Distribution: Eurosiberian.

Coptosoma scutellaris Geoffr. C: Mikhailovka (meteorol. station Brolog), Buotama R., right tributary of Lena R., steppe slope, on *Onobrychus sibirica*, 24.VII.1992 (V.). NE: Sette-Daban Range, Verkhnyaya Khandyga R., Rosomakha, road Khandyga – Magadan, 150th km, gravel river bank, 9.VII.1994 (V.). 25 ex. Distribution: Transpalaearctic.

Ochetostethus opacus Scholtz. C: Icing "Bulus", right side of Lena valley, 6 km E of Kachikatsy vill., 5-7.VII.1996 (W.), 1 ex. collected on the ice surface. Distribution: Eurasian steppes.

Neottiglossa metallica Jak. NE: Sette-Daban Range, Verkhnyaya Khandyga R., Rosomakha, road Khandyga – Magadan, 150th km, 9.VII.1994 (V.), 2 ex. Distribution: East Siberia, south of the Far East.

Aelia frigida Kir. N: lower reaches of Yana R., Kular, 1996 (N.), 6 ex. collected in mountain tundra by pitfall traps. Distribution: Altai, NE Siberia.

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