

New data on distribution of aquatic and semiaquatic bugs in Siberia and the Far East of Russia (Heteroptera: Nepidae, Corixidae, Gerridae)

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New data are given on distribution of 11 species of Nepidae, Corixidae, Gerridae in 6 administrative regions of Siberia and the Far East of Russia.

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Aquatic and semiaquatic bugs of the Asian part of Russia are poorly known. Relatively well studied is only the fauna of southern West Siberia and southern Far East. Records from the most other regions of Siberia and the Far East are absent or very fragmentary.

The paper contains records of aquatic and semiaquatic bugs from 6 administrative regions of Siberia and the Far East of Russia. All species are recorded for respective regions for the first time. Specimens collected by A.B. Egorov, V.N. Kuznetsov, M.G. Ponomarenko are kept in the Zoological Museum, Far Eastern State University. All other records are based on the collection of the Zoological Institute, St. Petersburg.

Family Nepidae

Nepa cinerea Linnaeus, 1758. *Amur Province*: Blagoveshchensk, 7 June 1975 (Kuznetsov). *Khabarovsk Territory*: Komsomolsk-on-Amur, 19 June 1991 (coll. Egorov). – Note: The species was previously recorded as *N. cinerea orientalis* Esaki, 1928 from Amur without an exact locality. Transpalearctic.

Family Corixidae

Cymatia apparens (Distant, 1911). *Amur Province*: Blagoveshchensk, 19 August 2006 and Belogorsk, Tom' R. (tributary of Zeya R.), 24 June 2006 (coll. Ponomarenko). Previously known from southern Far East, northern and central China, Korea, and Japan.

Callicorixa producta sachalinensis (Matsumura, 1915). *Jewish Autonomous Province*: Amur R. at Radde, 17 July 2005 (coll. Ponomarenko);

Klych R. at Ekaterino-Nikolskoe, 9 July 2005 (coll. Ponomarenko). – Note: This subspecies is distributed in the Amur drainage and in Sakhalin Island. It was originally described as a distinct species, but later transferred to the subspecific level by Hungerford (1948). It differs from *C. p. producta* by having a black spot at the apex of the 1st segment of the hind tarsi being continuous rather than forming a black edge. The fore tarsus in male is swollen in the middle, and its upper margin is not turned inside, almost straight.

Sigara (Retrocorixa) kerzhneri Jaczewski, 1963. *Jewish Autonomous Province*: Amur R. at Radde, 17 July 2005 (coll. Ponomarenko). Previously known from the southern Far East and north-eastern China.

Sigara (Retrocorixa) limitata (Fieber, 1848). *Altai Republic*: Artybash [Teletzkoye Lake], 20 July 1970 (collector unknown). Known from Europe and the Altai region of Siberia.

Sigara (Sigara) assimilis (Fieber, 1848). *Kurgan Province*: Gor'koe Lake, 11 January and 25 November 1954 (Deksbach). *Omsk Province*: steppe 70 versts south of Omsk, 24 August 1899 (coll. Ignatov). Considered an Central Palearctic species.

Sigara (Tropocorixa) gaginae Jaczewski, 1960. *Jewish Autonomous Province*: Birakan, Bira R., 13 July 2005 (coll. Ponomarenko). Previously known from the southern Far East, Korea and north-eastern China.

Sigara (Tropocorixa) nigroventralis (Matsumura, 1905). *Jewish Autonomous Province*: Klych R. at Ekaterino-Nikolskoe, 9 July 2005 (coll. Ponomarenko). Previously known from the southern Far East, Korea, Japan and Taiwan.

Family Gerridae

Gerris (Gerris) brachynotus Horváth, 1907. *Jewish Autonomous Province*: Bastak Reserve, 2 July 2004 (coll. Ponomarenko). Previously known from Transbaikalia and from the southern Far East westwards to northern Mongolia.

Gerris (Macrogerris) yezoensis Miyamoto, 1958. *Jewish Autonomous Province*: Bastak reserve, 2 July 2004 (coll. Ponomarenko). Previously known from the southern Far East, Korea, Japan and north-eastern China.

Limnopus rufoscutellatus (Latreille, 1807). *Altai Republic*: Chulyshman upland, lake in valley of Little Kurkure R. (collector unknown). *Jewish Autonomous Province*: Bastak reserve, 2-5 July 2004 (coll. Ponomarenko). A Holarctic species.

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