

NEW CHRYSOMELIDAE (COLEOPTERA) SPECIES FOR THE FAUNA OF TIGIREKSKY NATURE RESERVE (NORTH-WESTERN ALTAI, RUSSIA)

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Nine species of Chrysomelidae are reported for the fauna of Tigireksky Nature Reserve (North-Western Altai, Russia) for the first time. At present, the Chrysomelidae fauna of Tigireksky Nature Reserve includes 127 species belonging to 45 genera.

Key words: Coleoptera, Chrysomelidae, Leaf-Beetles, Tigireksky Nature Reserve, Altai.

INTRODUCTION

Leaf beetles (Coleoptera: Chrysomelidae) include over 32 500 species of the world fauna belonging to 2 114 genera (Slipinski et al., 2011). Lopatin et al. (2004) recorded 403 species of leaf beetles from Siberia. The study of the protected areas fauna becomes especially relevant nowadays. Tigireksky Nature Reserve is located in the South-Western part of the Altai Krai. Entomological studies are actively conducted on this territory. Thus, 118 species of 45 genera and 10 subfamilies of leaf beetles are currently registered in the Nature Reserve (Guskova & Vaal, 2009; Guskova, 2013a; 2013b; Guskova & Kuftina, 2015). During the subsequent studies, Barnaul entomologists have discovered previously unmarked Chrysomelidae species new for the studied territory.

The present study is based on the material collected in different localities of Tigireksky Nature Reserve in 2009–2015. The material examined is deposited in the private collections of the authors: E. Guskova (EGC, Barnaul) and G. Kuftina (GKC, Barnaul).

RESULTS

Clytra arida Weise, 1889

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, mountain Kozyr, 22.VI.2015, leg. G.N. Kuftina & E.U. Grechanik (GKC).

Distribution. North Ural, Russia (W Siberia, E Siberia, Far East), Mongolia, China.

Cryptocephalus distinguendus D. H. Schneider, 1792

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, Dragunskij, 20.VI.2015, leg. G.N.Kuftina & E.U.Grechanik (GKC).

Distribution. Europe, Kazakhstan, Russia (W Siberia, E Siberia), Mongolia.

Chrysomela vigintipunctata (Scopoli, 1763)

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, beyond the river Big Tigirek, 26.VI.2015, leg. G.N. Kuftina & E.U. Grechanik (GKC); Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, origins of the Cold Key, 23.VI.2015, leg. G.N. Kuftina & E.U. Grechanik(GKC).

Distribution. Europe, Kazakhstan, Russia (W Siberia, E Siberia, Far East), China.

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Gonioctena viminalis (Linnaeus, 1758)

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, beyond the river Big Tigirek, 28.VI.2015, leg. G.N. Kuftina & E.U. Grechanik (GKC).

Distribution. Europe, Kazakhstan, Mongolia, Russia (W Siberia, E Siberia).

Phyllotreta pallidipennis Reitter, 1891

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, Dragunskij, 20.VI.2015, leg. G.N. Kuftina & E.U. Grechanik (GKC).

Distribution. Europe, Kazakhstan, Russia (W Siberia, E Siberia), Mongolia, China.

Altica engstromi (J. R. Sahlberg, 1893)

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, mountain, Chainaya, 31.VII.2009, leg. A. Vaal (EGC).

Distribution. Europe, Kazakhstan, Russia (W Siberia, E Siberia, Far East).

Altica tamaricis (Schrank, 1785)

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, beyond the river Big Tigirek, 28.VI.2015, leg. G.N. Kuftina & E.U. Grechanik (GKC).

Distribution. Europe except for N, Caucasus, Transcaucasia, Turkey, Middle East, Kazakhstan, Uzbekistan, S Siberia, Transbaikalia, Mongolia.

Altica palustris (Weise, 1888)

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, Kordon, 18-21.VI.2009, leg. A. Volynkin (EGC).

Distribution. Europe, Turkey, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan, Afghanistan, Iran, N Africa.

Cassida murraea Linnaeus, 1767

Material. Russia, Altai krai, Krasnoschekovo district, reserve Tigireksky, Kordon, 22.VI.2015, leg. G.N. Kuftina & E.U. Grechanik (GKC).

Distribution. All over Palearctic except for Mediterranean, Central Asia and N Africa. Mongolia.

Thus, 127 leaf beetle species belonging to 45 genera and 10 subfamilies are currently registered for Tigireksky Nature Reserve. New discoveries of the majority of species in this area were quite predictable. The discovery of *Altica palustris* (Weise, 1888) is of interest; this species was previously known from Europe, Turkey, Tajikistan, Turkmenistan, Uzbekistan, Kyrgyzstan, Afghanistan, Iran, and North Africa. Thus, finding of this species in the North-Western Altai significantly expands the boundaries of its habitat to the East.

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