

DISTRIBUTION OF THE USSURI STICK INSECT *RAMULUS USSURIANUS* (BEY-BIENKO, 1960) (PHASMIDA: PHASMATIDAE) IN RUSSIA

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Summary. The data on distribution of a single species of stick insects in the fauna of Asian Russia are summarized. In Primorsky Krai, *Ramulus ussurianus* (B.-Bienko) occurs only in the zone of broad-leaved forests on the Siny and Vostochny Siny ridges. Outside of Russia species is known from North-East China and Korea.

Key words: Phasmatidae, Clitumninae, fauna, new records, pest, Russian Far East.

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Резюме. Обобщены данные о распространении единственного вида палочников в фауне азиатской части России. В Приморском крае *Ramulus ussurianus* (B.-Bienko) встречается только в зоне широколиственных лесов на хребтах Синий и Восточный Синий. За пределами России вид известен из Северо-Восточного Китая и Кореи.

Recently the distribution of Siberian and Far Eastern species of orthopteran insects has been intensively studied (Sergeev & Dubatolov, 2022; Sergeev & Molodtsov, 2022, 2024; Storozhenko *et al.*, 2023; Sergeev *et al.*, 2023, 2024) but such investigation of stick insects absent. A single species of stick insects known from Asian Russia has been described from Primorsky Krai as *Baculum ussurianum* by Bey-Bienko (1960) and latter transferred to the genus *Ramulus* Saussure, 1862 (Otte & Brock, 2005). This species is known from Russia, North-East China and Korea (Storozhenko & Kim, 2021).

More than 140 specimens of *Ramulus ussurianus* collected in 1957–2024 from Anuchinsky, Spassky, Chernigovsky, and Jakovlevsky districts of Primorsky Krai and kept in the collection of the Federal Scientific Center of the East Asia Terrestrial Biodiversity were examined. In Russia, this species is found only on the Siny and Vostochny Siny ridges, which are the most southwestern part of the Sikhote-Alin mountain country. To date, *R. ussurianus* is known from eight Russian localities located between 43.76–44.83 N and 132.67–133.56 E (Fig. 1). This parthenogenetic species overwinter in the egg stage. The nymphs of first instar hatch from early June while adults are observed from late July to the early October. This species was recorded as a serious pest of the broad-leaved forests in several districts of Primorsky Krai in 1959 and 2002–2004, as a result the all young trees and shrubs became dry, and the larger trees completely defoliated (Storozhenko & Kim, 2021).

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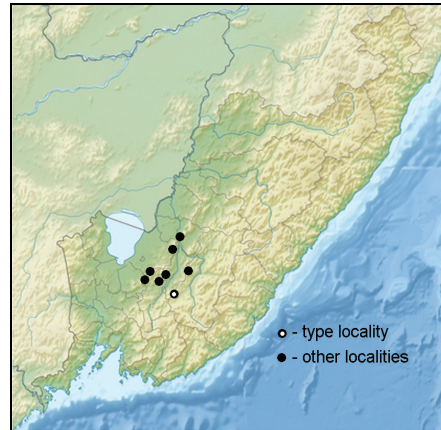


Fig. 1. Distribution-map of *Ramulus ussurianus* (Bey-Bienko, 1960) in Russia.

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