

Contribution to the knowledge of the Orthopteran fauna of the Ukrainian Carpathians (Orthoptera)

By

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Contribution to the knowledge of the Orthopteran fauna of the Ukrainian Carpathians (Orthoptera). – A list of 42 species of Orthoptera are given: two of them are new to Ukrainian Carpathians and one is new to USSR.

This paper is based on field work conducted by the authors during expedition in July and August 1988 to the Ukrainian Transcarpathians. From seventy-seven species of Orthoptera mentioned from the Ukrainian Carpathians by Likovitch (1965; 1984) and Harz (1969; 1975) we found forty-two: two of them (*Phaneroptera nana* and *Modicogryllus bordigalensis*) are new to the Transcarpathians and one (*Leptophyes discoidalis*) is new to USSR. All the materialis deposited in collections of the Zoological Institute of Biology and Pedology (Vladivostok).

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Tettigoniidae

Phaneroptera falcata (Poda, 1761) – Localities: 10 km NE Chust 1–2. Aug. 1988, 3 ♂, 3 ♀ Chernaya Gora on Tisa River between Vinogradov and Korolovo. 3–4. Aug. 1988, 2 ♂. – Habitat: Common on the slopes and edges of forest on bushes and grass.

Phaneroptera nana nana Fieber, 1853 – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 2 ♂, 1 ♀ – Remarks: This species is new to the Transcarpathians. – Habitat: Found on bushes on the edges of lowland forest.

Barbitistes constrictus Brunner-Wattenwyl, 1878 – Locality: 10 km S Rakhov, 27. Jul. 1988, 1 ♂. – Habitat: Collected on bush on edge of forest at an elevation of about 400 m.

Isophya brevipennis Brunner-Wattenwyl, 1878 – Localities: 10 km S Rakhov, 27. Jul. 1988, 1 ♂; 10 km NE Chust, 1–2. Aug. 1988, 3 ♂. – Habitat: On bushes and grass on the edges of forest, glades and meadows.

Poecilimon schmidti (Fieber, 1853) – Locality: Malaya Ugolka, 40 km N Tyatchev, 29–30. Jul 1988, 3 ♂, 2 ♀ – Habitat: Found on grass and bushes on glades and edges of forest.

Leptophyes albovittata (Kollar, 1833) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988. 10 ♂, 14 ♀ – Habitat: Common on bushes on dry slopes and edges of lowland forest.

Leptophyes discoidalis (Frivaldszky, 1867) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 1 ♂, 1 ♀ – Habitat: Found on bushes

on the edge of lowland forest. – Remarks: This species has been known only from Romania and Bulgaria.

Conocephalus discolor (Thunberg, 1815) – Localities: Malaya Ugolka, 40 km N Tyatchev, 29. Jul. 1988, 1 ♀; 10 km NE Chust, 1–2. Aug. 1988, 3 ♂, 4 ♀; Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 2 ♂. – Habitat: Open grassy areas on the dry slopes, meadows and glades.

Conocephalus dorsalis (Latreille, 1804) – Locality: 10 km NE Chust, 1–2. Aug. 1988, 7 ♂, 3 ♀. – Habitat: On grass in the flood-lands near water.

Ruspolia nitidula (Scopoli, 1786) – Locality: 10 km NE Chust, 2. Aug. 1988, 1 ♂. – Habitat: Collected on bush on the meadow.

Tettigonia cantans (Fuessly, 1775) – Localities: 10 km S Rakhov, 27. Jul. 1988, 6 ♂, 3 ♀; Malaya Ugolka, 40 km N Tyatchev, 31. Jul. 1988, 2 ♂. – Habitat: On the bushes on the edges of forest at an elevation of 400–500 m.

Tettigonia viridissima (Linnaeus, 1758) – Localities: 10 km NE Chust, 2. Aug. 1988, 2 ♂; Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 1 ♂, 1 ♀. – Habitat: On trees in forest, on bushes on meadow and edge of forest at an elevation of 100–250 m.

Dectius verrucivorus verrucivorus (Linnaeus, 1758) – Locality: 10 km NE Chust, 2. Aug. 1988, 2 ♂. – Habitat: Collected on meadow.

Platycleis grisea grisea (Fabricius, 1781) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3. Aug. 1988, 4 ♂, 1 ♀. – Habitat: Found on bushes and grass on dry slope.

Roeseliana roeseli (Hagenbah, 1822) – Localities: Malaya Ugolka, 40 km N Tyatchev, 29. Jul. 1988, 2 ♂, 2 ♀; 10 km NE Chust, 1–2. Aug. 1988, 5 ♂, 8 ♀. – Habitat: On grass on meadows and glades.

Pholidoptera griseoaptera (DeGeer, 1773) – Localities: 10 km S Rakhov, 27. Jul. 1988, 8 ♂, 6 ♀; Malaya Ugolka, 40 km N Tyatchev, 31. Jul. 1988, 2 ♂, 1 ♀; 10 km NE Chust, 2. Aug. 1988, 2 ♂, 3 ♀; Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 2 ♂. – Habitat: On the ground, grass and bush. Not inhabiting deep forests, but abundant along edges, on glades and slopes.

Pholidoptera transsylvanica (Fischer, 1853) – Locality: 10 km S Rakhov, 27. Jul. 1988, 3 ♂. – Habitat: Collected along edges of forest on bushes.

Pachytrachis gracilis (Brunner-Wattenwyl, 1861) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 4 ♂, 2 ♀. – Habitat: Found on bushes on the edges of forest and on slopes.

Gryllidae

Oecanthus pellucens (Scopoli, 1763) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 2 ♂, 2 ♀. – Habitat: On bushes on edges of lowland forest and on slopes.

Gryllus campestris Linnaeus, 1758 – Localities: 10 km S Rakhov, 27. Jul. 1988, 2 ♂; 10 km NE Chust, 2. Aug. 1988, 1 ♂. – Habitat: On the ground on glades.

Modicogryllus bordigalensis (Latreille, 1804) – Locality: 10 km NE Chust, 1. Aug. 1988, 1 ♂. – Remarks: New to the Transcarpathians. – Habitat: Collected on the ground near a house.

Pteronemobius heydeni (Fischer, 1853) – Localities: Malaya Ugolka, 40 km N Tyatchev, 29. Jul. 1988, 2 ♂, 1 ♀. – Habitat: On the ground and grass on the floodlands near water.

Gryllotalpidae

Gryllotalpa gryllotalpa (Linnaeus, 1758) – Locality: 10 km NE Chust, 1–2. Aug. 1988, 1 larva. – Habitat: On the ground on the flood-lands near water.

Tetrigidae

Tetrix subulata (Linnaeus, 1761) – Localities: 10 km NE Chust, 2. Aug. 1988, 2 ♀ Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 1 ♂ – Habitat: On the ground near water.

Tetrix tenuicornis (Sahlberg, 1891) – Localities: Malaya Ugolka, 40 km N Tyatchev, 31. Jul. 1988, 1 ♂; 10 km NE Chust, 1–2. Aug. 1988, 1 ♂, 1 ♀ – Habitat: On the ground near water.

Acrididae

Odontopodisma rubripes (Ramme, 1931) – Localities: 10 km NE Chust, 1–2. Aug. 1988, 8 ♂, 7 ♀ Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 3 ♂, 2 ♀ – Habitat: Common on grass and bushes on edges of forest, on glades, meadows and slopes.

Calliptamus italicus italicus (Linnaeus, 1758) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 2 ♂, 2 ♀ – Habitat: Collected on dry areas near a house.

Stenobothrus lineatus lineatus (Panzer, 1796) – Locality: 10 km NE Chust, 2. Aug. 1988, 2 ♂. – Habitat: Found on meadow.

Stenobothrus stigmaticus (Rambur, 1839) – Localities: Malaya Ugolka, 40 km N Tyatchev, 29–31. Jul. 1988, 4 ♂, 6 ♀ 10 km NE Chust, 1–2. Aug. 1988, 1 ♂, 2 ♀ – Habitat: On Grass on the meadows and glades.

Omocestus ventralis (Zetterstedt, 1821) – Localities: 10 km S Rakhov, 27. Jul. 1988, 1 ♂, 1 ♀ Malaya Ugolka, 40 km N Tyatchev, 29–31. Jul. 1988, 3 ♂, 2 ♀ 10 km NE Chust, 1. Aug. 1988, 1 ♀ Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 2 ♂, 2 ♀ – Habitat: On grass on the meadows, glades and dry slopes.

Omocestus haemorrhoidalis haemorrhoidalis (Charpentier, 1825) – Locality: Malaya Ugolka, 40 km N Tyatchev, 29. Jul. 1988, 3 ♂, 5 ♀ – Habitat: Found on grass on glades.

Chorthippus albomarginatus albomarginatus (DeGeer, 1773) – Locality: 10 km NE Chust, 1–2. Aug. 1988, 1 ♂, 2 ♀ – Habitat: On grass on the meadows.

Chorthippus dorsatus dorsatus (Zetterstedt, 1821) – Localities: Malaya Ugolka, 40 km N Tyatchev, 31. Jul. 1988, 1 ♀ 10 km NE Chust, 1–2. Aug. 1988, 7 ♂, 6 ♀ – Habitat: Abundant on grass on the meadows.

Chorthippus parallelus parallelus (Zetterstedt, 1821) – Localities: Lugi about 25 km N Rakhov, 5. Aug. 1988, 2 ♂, 1 ♀ 10 km S Rakhov, 27. Jul. 1988, 9 ♂, 4 ♀ Malaya Ugolka, 40 km N Tyatchev, 29–31. Jul. 1988, 8 ♂, 9 ♀ 10 km NE Chust, 1–2. Aug. 1988, 2 ♂, 2 ♀ Chernaya Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 1 ♂, 1 ♀ – Habitat: Abundant on the edges of forest, glades and meadows.

Chorthippus montanus (Charpentier, 1825) – Locality: 10 km NE Chust, 1–2. Aug. 1988, 2 ♂, 1 ♀ – Habitat: Collected on meadow.

Chorthippus pullus (Filippi, 1830) – Locality: Lugi about 25 km N Rakhov, 5. Aug. 1988, 2 ♂, 2 ♀ – Habitat: On glade at an elevation of about 500 m.

Chorthippus brunneus brunneus (Thunberg, 1815) – Localities: 10 km S Rakhov, 27. Jul. 1988, 1 ♂, 1 ♀ Malaya Ugolka, 40 km N Tyatchev, 31. Jul. 1988, 2 ♂, 2 ♀ Chernaya

Gora on Tisa River between Vinogradov and Korolovo, 3–4. Aug. 1988, 1 ♂. – Habitat: On the ground and grass on glades, meadows, slopes and dry areas near houses.

Chrysocraon dispar *dispar* (Germar, 1831) – Locality: 10 km NE Chust, 1–2. Aug. 1988, 2 ♂, 3 ♀ – Habitat: Found on grass on meadow.

Euthystira brachyptera (Ocskay, 1826) – Locality: 10 km NE Chust, 1. Aug. 1988, 7 ♂, 7 ♀ – Habitat: Collected on meadow.

Mecostethus alliaceus *alliaceus* (Germar, 1817) – Locality: 10 km NE Chust, 1–2. Aug. 1988, 2 ♂. – Habitat: On meadow.

Stethophyma grossum (Linnaeus, 1758) – Locality: 10 km NE Chust, 2. Aug. 1988, 1 ♂. – Habitat: On grass on meadow.

Oedipoda coeruleescens (Linnaeus, 1758) – Locality: Chernaya Gora on Tisa River between Vinogradov and Korolovo, 4. Aug. 1988, 1 ♂, 1 ♀ – Habitat: On the ground on dry areas near houses.

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