

On *Chorthippus pamiricus tsejensis* Bukhvalova (Orthoptera: Acrididae)

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Chorthippus miramae tsejensis Bukhvalova is recombined as a subspecies of *Ch. pamiricus* (Ram.).

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Bukhvalova (1993) described the new subspecies *Chorthippus miramae tsejensis* from N Ossetia. Sytsh & Woznessenskij (1995) and Sytsh (1996) assumed that *Ch. biguttulus pravdini* described by Sytsh (1969) and later considered as a subspecies of *Ch. pamiricus* (Ram.) is very similar to or synonymous with the Bukhvalova's subspecies. Our preliminary conclusions were confirmed after careful examination of the type material of these taxa kept in the Zoological Institute, St.Petersburg. The paratypes of *Ch. miramae tsejensis* are really very similar to *Ch. pamiricus pravdini*.

Chorthippus (Glyptobothrus) pamiricus tsejensis
Bukhvalova, 1993

Chorthippus miramae tsejensis Bukhvalova, 1993.

Material examined: N Caucasus, N Ossetia, Tsei, 2000-2300 m, VII. 1990, 2 ♂ paratypes; same locality, 18.VIII. 1990, 1 ♀ paratype (M. Bukhvalova).

The males of *Ch. pamiricus tsejensis* are very similar to those of *Ch. pamiricus pravdini* Sytsh., but differ in the following characters: the distance from stigma to apex of tegmina 3.5-4.7 mm (2.8-3.3 mm in *Ch. p. pravdini*); width of the costal zone of tegmina 1.1 mm (0.8-1.0 mm in *Ch. p. pravdini*); the vertical diameter of eye greater than the length of subocular furrow (respectively lesser in *Ch. p. pravdini*).

Both sexes differ from *Ch. p. pravdini* in the following characters: antennae flattened in cross section (almost round in *Ch. p. pravdini*); tegmina longer and wider, reaching apex of hind femora (not reaching in *Ch. p. pravdini*). All other characters as indicated by Bukhvalova (1993).

Comparison of calling songs oscillograms of *Ch. miramae tsejensis* (Bukhvalova, 1993) and *Ch. pamiricus pravdini* (Sytsh, 1996) shows that they are identical. That is why the author considers *Ch. m. tsejensis* as a subspecies of *Ch. pamiricus* (Ram.).

Ch. miramae Ram. (now properly *Ch. miramaellus* Woz., see Woznessenskij, 1996, 1997b) differs in morphological characters and calling songs from

Bukhvalova's subspecies. The status of *Ch. pamiricus pravdini* Sytsh. has been problematic until recently and considered by Woznessenskij (1997a).

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