

A new species of the bug genus *Cicadula* Zetterstedt, 1838 from Turkey

(Hemiptera: Cicadomorpha: Cicadellidae)

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Abstract. A new species of *Cicadula*, *Cicadula kartali* sp. n., is described from Turkey. It is distinguished from the closest species, *Cicadula quadrinotata* (Fabricius, 1974), by the presence of a pair of lateral spines in the middle of the aedeagal shaft.

Key words. Cicadellidae, *Cicadula*, new species, Turkey.

Introduction

Eighteen species of the bug genus *Cicadula* Zetterstedt, 1838 are found in the Palaearctic region (EMELJANOV 1964, OSSIANNILSSON 1983). Five of these species have been reported from Turkey: *Cicadula divaricata* Ribaut, 1952, *C. frontalis* (Herrich-Schaeffer, 1835), *C. mesasiatica* (Dubovsky, 1966), *C. placida* (Horváth, 1897), *C. quadrinotata* (Fabricius, 1794) (LODOS & KALKANDELEN 1987, ZEYBEKOĞLU 1998).

OSSIANNILSSON (1983) divided *Cicadula* into three subgenera: *Cicadula* Zetterstedt, 1838, *Cyperana* DeLong, 1936 and *Henriana* Emeljanov, 1964. In *Henriana*, the aedeagus is flattened laterally and carries no appendages. In *Cicadula*, the aedeagus is slightly flattened dorso-ventrally and bears apical appendages with a spine on the posterior margin. In *Cyperana*, the aedeagus is flattened laterally and has no spine. This study describes a new species, *Cicadula kartali* sp. n., from specimens collected from Mount Dranas, Sinop, Turkey, in 1990.

Material and methods

Specimens of *Cicadula* were collected on grasses (Gramineae, Leguminosae) in the research area by using a sweep net. Collected specimens were dissected to reveal their genital structures, according to the methods of BITTNER & REMANE (1977). The specimens were compared both with the known species of the genus *Cicadula*, in general, and with those which are held in the Entomology Laboratory of the Department of Biology, Ondokuz Mayıs University, Samsun, Turkey.

Cicadula kartali sp. n.

Material: Holotype: 1 ♂, Bürnük, Mt. Dranas SE, Sinop, Black Sea Region, Turkey (41°36'N, 34°49'E), 1250 m, 3.x.1990, leg. Ü. ZEYBEKOĞLU. – Paratypes: 3 ♂ and 4 ♀, same collection data as holotype. The type specimens are deposited in the Entomology Collection, Department of Biology, Faculty of Arts and Science, Ondokuz Mayıs University, Samsun, Turkey.