

4th International Congress on Biodiversity
“Man, Natural Habitats and Euro-Mediterranean
Biodiversity”, Malta, 17-19th November 2017

Preliminary data on leafhoppers (Hemiptera: Fulgoromorpha and Cicadomorpha) found in coastal sand dunes and salt marshes along the Bulgarian coast of the Black Sea

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Coastal sand dunes and salt marshes are progressively endangered by development of both the industrial and the touristic sector in Bulgaria. The present research aims to clarify the species diversity and host-plant relationships of the leafhopper fauna of sand dune habitats along the coasts of the Black Sea and Bulgaria. Different collecting methods were applied mainly sweeping with an entomological net, light-trapping and suction sampling. The material consisted of 76 samples from 28 collection sites mostly on the southern Black Sea coast carried out between 1997 and 2017. The results show the occurrence of very rare species or new records for Bulgaria such as *Anoterostemma ivanhofi* (Lethierry, 1876), *Psammotettix salsuginosus* Logvinenko, 1961, *Macrosteles salsolae* group, *Calamotettix taeniatus* (Horvath, 1911) and *Aconura jakowlefi* Lethierry, 1876. In fact, *Anoterostemma ivanhofi* is here recorded for the first time from Bulgaria. The phenology, host-plant relationships and chorological composition of the Auchenorrhyncha fauna in coastal dunes were analysed. Strict dependence of some species to such habitats requires special protection. An attempt to evaluate the conservation status of the species was carried out and some remarks on the future Red List of the Bulgarian Auchenorrhyncha were provided.

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