

# A list of the planthoppers of Iran

November 8 2011

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A list of 235 planthoppers from Iran is recorded along with distribution data. This list is based on previous studies on Iranian Auchenorrhyncha during last 100 years. In addition to the latest species names for any record, new combinations and the transferring one species at family level is proposed. The study was published in the open access journal *Zookeys*.

Planthoppers are studied relatively little, but are both economically important (they cause reduced crop yield through their feeding, oviposition and transferring pathogen [microorganisms](#) to a wide range of [plants](#)) and very interesting from a biodiversity aspect.

In a new published paper, the first complete list of Fulgoromorpha species recorded from [Iran](#) has been compiled, which is based on literature records and the addition of some new taxonomic data. The list consists of 235 species while nearly half of them are endemic from Iran. *Iranissus ephedinus* Dlabola, 1980 is transferred from Issidae to Nogodinidae. To resolve nomenclatural difficulty the following new combinations in Family Issidae are given: *Iranodus dumetorus* (Dlabola, 1981), *Iranodus khatunus* (Dlabola, 1981) and *Iranodus repandus* (Dlabola, 1981). Due to published generic synonymy the following are new combinations: *Duilius seticulosus* (Lethierry, 1874), *D. tamaricis* (Puton & Lethierry, 1887), *D. tamaricicola* (Dubovsky, 1966) *D. v-atrum* (Dlabola, 1985). It is hoped that this list will encourage further studies on this important group of insects and also improve the view in practical fields such as pest control management.

**More information:** Mozaffarian F, Wilson MR (2011) An annotated

checklist of the planthoppers of Iran (Hemiptera, Auchenorrhyncha, Fulgoromorpha) with distribution data. *ZooKeys* 145: 1-57. [doi: 10.3897/zookeys.145.1846](https://doi.org/10.3897/zookeys.145.1846)

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