



## 15<sup>th</sup> International Auchenorrhyncha Congress and 10<sup>th</sup> International Workshop on Leafhoppers and Planthoppers of Economic Importance

### New Issidae (Auchenorrhyncha) data for Turkey and science world from Moses (Musa) Mountain

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The higher classification of Issidae Spinola, 1839, a family comprising ca. 1000 described species from Palearctic Region (Flow 2017, Nast 1972). More than a hundred of these species are distributed in Turkey (Flow 2017, Gnezdilov *et al.* 2014, Lodos & Kalkandelen 1981, 1988, Nast 1972, Önder *et al.* 2011) and most of these are endemic. Despite all this wealth, it is understood that only 9 of these species, *Acrestia (Acrestia) suturalis* (Fieber, 1877), *Issus abdunnouri* Dlabola, 1987, *Issus lauri* Ahrens, 1814, *Latilica maculipes* (Melichar, 1906), *Mycterodus (Aegaeum) bicornutus* Dlabola, 1986, *Mycterodus (Mycterodus) intricatus* Stål, 1861, *Thalassana ephialtes* (Linnavuori, 1971), *Tshurtshurnella acuta* (Linnavuori, 1965), and *Tshurtshurnella trifasciata* (Linnavuori, 1965), are spread over Hatay (Dlabola 1986, Gnezdilov 2011, Lodos & Kalkandelen 1981, 1988) and moreover *Mycterodus (Mycterodus) intricatus* Stål, 1861 and *Issus lauri* Ahrens, 1814 status are doubtful. The aim of this study that conducted at Moses Mountain between the years 2015–2016 is increasing the number of Issidae Spinola, 1839 species which spread over Hatay and also Turkey. For this purpose approximately 800 Issidae Spinola, 1839 specimens were collected from the Moses Mountain and evaluated in the laboratory. According to the first determinations, 9 taxa were identified. *Latilica abdunnouri* Gnezdilov, 2004 is a new record for Turkey Fauna and two of those taxa are thought to be new species.

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