



**NEW RECORDS FOR SOME WESTERN PALAEARCTIC ISSIDAE
(HEMIPTERA: FULGOROIDEA)**

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Abstract - New data on distribution are given for 16 issid species. For the first time the family Issidae is recorded from Afghanistan, the genus *Kovacsiana* Synave, 1956 – from the Palearctic Region, the genus *Conosimus* Mulsant et Rey, 1855 – from Morocco, the genus *Issus* Fabricius, 1803 – from Turkey, the genus *Mycterodus* Spinola, 1839 – from Iraq, and the genus *Kervillea* Bergevin, 1918 – from the Caucasus.

KEY WORDS: Hemiptera, Issidae, Issini, Western Palearctic, distribution

Izveček – NOVE NAJDBE NEKAJ ZAHODNOPALEARKTIČNIH ŠKRŽATKOV DRUŽINE ISSIDAE (HEMIPTERA: FULGOROIDEA)

Navedeni so novi podatki o razširjenosti 16 vrst družine Issidae. Družina je prvič najdena v Afganistanu, rod *Kovacsiana* Synave, 1956, v palearktični regiji, rod *Conosimus* Mulsant et Rey, 1855 v Maroku, rod *Issus* Fabricius, 1803, v Turčiji, rod *Mycterodus* Spinola, 1839, v Iraku in rod *Kervillea* Bergevin, 1918, na Kavkazu.

KLJUČNE BESEDE: Hemiptera, Issidae, Issini, Zahodna Palearktika, razširjenost

Introduction

During my study of Western Palaearctic issid fauna several new records of generic and species level were discovered. Thus, for the first time the family Issidae is recorded from Afghanistan, the genus *Kovacsiana* Synave, 1956 – from the Palaearctic Region, the genus *Conosimus* Mulsant et Rey, 1855 – from Morocco, the genus *Issus* Fabricius, 1803 – from Turkey, the genus *Mycterodus* Spinola, 1839 – from Iraq, and the genus *Kervillea* Bergevin, 1918 – from the Caucasus. All previous records of *Kovacsiana* from the Mediterranean (Dlabola, 1985, 1986, 1989) belong to the genus *Latilica* Emeljanov, 1971 (Gnezdilov, 2003, 2004; Gnezdilov & Mazzoni, 2004). Several species are recorded from Montenegro and the Republic of Macedonia in course of formal documenting of species distribution in the countries of the former Yugoslavia. One of the rarest Mediterranean species – *Pseudohemisphaerius piceus* (Puton, 1884) is recorded from its type locality in Greece (Parnassus Mt.) for the first time during last 100 years.

Material and methods

The materials examined are deposited in the following collections: CAH – M. Asche & H. Hoch collection, Berlin, Germany; ZMHB – Zoologisches Museum, Humboldt Universität, Berlin, Germany; SNSD – Staatliche Naturhistorische Sammlungen Dresden, Museum für Tierkunde, Germany; HNHM – Hungarian Natural History Museum, Budapest, Hungary; MMBC – Moravian Museum, Brno, Czech Republic; NMPC – National Museum of Natural History, Praha, Czech Republic; MNHN – Muséum national d'Histoire naturelle, Paris, France; ZIN – Zoological Institute of the Russian Academy of Sciences, St. Petersburg, Russia.

Results

Issidae Spinola, 1839

Issini Spinola, 1839

Issina Spinola, 1839

Issus abdulnouri Dlabola, 1987

Turkey: 1♀, Iskenderun Province, Amanos Mts., near Teknepinari, 250 m, 7.IX.1978, M. Asche & H. Hoch leg. (CAH); 1♀, Hatay Province, Cevlik, 36°07'17"N 35°55'20"E, 24 m a.s.l., brook in Titus Vespasianus Tuneli tunne, 10.V.2007, P. Kment leg. (NMPC).

Note. First record from Turkey.

Issus pospisili Dlabola, 1958

Greece: 1♂, 4♀, Nomos Kozani, Vourinos Mts., 1000-1400 m, 27.VI.1984, M. Asche & H. Hoch leg. (CAH).

Note. First record from Greece. Up to now the species was known only from the Caucasus (Dlabola, 1958; Gnezdilov, 2000, 2010).

Latissus dilatatus (Fourcroy, 1785)

Montenegro: 1♂, 3♀, Sutorina, 16.VI.1911, S.V. Spaney-Schumacher leg. (ZMHB).

Note. First record from Montenegro.

Agalmatiina Gnezdilov, 2002

Clybeccus declivus Dlabola, 1986

Greece: 1♂, Crete, Nomos Rethimnon, N supra Agia Galini, ca. 150 m, 18.VII.1976, M. Asche leg. (CAH).

Note. First record from Crete.

Hysteropterina Melichar, 1906

Conosimus noualhieri Puton, 1898

Morocco: 4♂, 11♀, Berkane (MNHN); 3♂, Taforal, SE Berkane, 850 m, pine forest, 15.IX.2007, I. Dworakowska leg. (ZIN).

Note. Up to now the species was known only from Algeria (Puton, 1898)

Falcidius limbatus (A. Costa, 1864)

Italia: 1♂, 3♀, Calabria (MMBC).

Note. First record from the continental Italy. Up to now the species was known only from Algeria and Sicily (Gnezdilov & Wilson, 2008).

Webbisanus ochreicolor Dlabola, 1983

Turkey, Mersin Province: 3♂, 2♀, W Silifke, 10 km E Balandiz, 5.IX.1978; 2♂, E Guelnar W of Goekbelen, 1000 m, 5.IX.1978, all leg. M. Asche & H. Hoch. (CAH).

Note. Up to now the species was known only from the holotype (Dlabola, 1983).

Brachyprosopa bicorne (Kusnezov, 1929)

Afghanistan, Baglan: 3♂, 1♀, 28.VI.1966; 1♂, 15.VII.1966, all leg. E. S. Sugonyaev (ZIN).

Note. First record from Afghanistan.

Pseudohemisphaerius piceus (Puton, 1884)

Greece: 1♂, Sterea Ellas, Parnassos Mts., Arahova, 900 m, limestone, southern slope, pasture, macchia, 27.V.1995, P. Lauterer leg. (MMBC).

Note. Previous records were published by Puton (1884) and Melichar (1906). Apparently the species is endemic to Parnassus Mt.

Kervillea conspurcata (Spinola, 1839)

Republic of Macedonia: 1♂, 1♀, Prilep Province, Kutleševo, 31.V.1998, A. Podlussány leg. (HNHM).

Note. First record from the Republic of Macedonia.

Kervillea kirgisorum (Kusnezov, 1930)

Russia: 1♂, "Caucasus bor., Pjätigorsk" (MMBC).

Note. First record from the Caucasus.

Latematium latifrons (Fieber, 1877)

Greece: 7♂, 6♀, Kavala Province, Pangeo Mts, Akrovouni, 1600 m, 25.V.1995, A. Orosz leg. (HNHM). Republic of Macedonia: 6♂, 3♀, Skopje Province, Ivanje Mt., Matka, 1.VI.1998, A. Orosz & A. Podlussány leg. (HNHM); 2♂, 5♀, Kratovo Province, Žguri-pass, 880 m, Grizilevci, 6-7.VI.1998, A. Podlussány leg. (HNHM).

Note. First record from the Republic of Macedonia.

Mycterodus hakkaricus Dlabola, 1980

Iraq, Mosul Province: 5♂, 3♀, Sarsang, 1200-1800 m, 19-21.VI.1958; 1♂, Kadish, 1200 m, 18.VI.1958, all leg. R. Remane (SNSD).

Note. First record from Iraq.

Kovacsiana abyssinica Synave, 1956

Greece: 1♀, "Rhodus Insel, 1916, 2", coll. A. Jacobi (SNSD).

Note. First record from the Palaeartic Region.

Tshurtshurnella lodosi Dlabola, 1979

Iraq: 4♂, 4♀, Mosul Province, Duhok, 850-1300 m, 16-17.VI.1958, R. Remane leg. (SNSD).

Note. First record from Iraq.

Bubastia jatagana Dlabola, 1980

Greece: 5♂, Rhodos I., supra Salakos, 300 m, 20.IX.1983, M. Asche & H. Hoch leg. (CAH).

Note. First record from Rhodes.

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