NEW DATA ON GENUS BESDOLUS FROM THE BALKAN PENINSULA
(PLECOPTERA: PERLODIDAE)

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ABSTRACT
New localities of three species of Besdolus from the Balkan Peninsula are presented. B. illyricus is new to
Albania, B. ventralis is new to Greece.

Keywords: Plecoptera, Perlodidae, Besdolus, Balkan Peninsula

INTRODUCTION
This paper is based on material collected in the
Balkan Peninsula by staff members of the Hungarian
Natural History Museum (see Murányi 2007). The
specimens have been preserved in 70% ethanol and
housed in the Hungarian Natural History Museum
(Budapest, Hungary). The new localities are shown
on the map of the Balkan Peninsula (Fig. 1).

RESULTS AND DISCUSSION

Besdolus illyricus  Kovács et Zwick, 2008

Material examined. ALBANIA: Mat county, Dejë
Mts, open stream towards Fushë Lurë, N 41°39.829' E
20°11.730', 1210 m, 13.04.2006, 3 larvae, Zoltán Erőss-
Zoltán Fehér-András Hunyadi-Dávid Murányi,
PLP2230 – Shkodër county, Prokletije Mts, Okol,
stream along the conjunction to Pejë Pass from the
Bogë-Okol road, N 42°24.496' E 19°45.271', 1009 m,
03.06.2005, 1 exuviae, Krisztina Balogh-Zoltán
Barina-Dávid Murányi-Dániel Piňkó, PLP2294.

Remarks. The species was recently described from
Montenegro by Kovács & Zwick (2008). It is new to
the fauna of Albania. It was found in four localities
of two mountain systems (Dejë Mts, Prokletije Mts).
The ecological conditions of the sites are similar to
those described for the type locality, but the altitude
range is wider (750–1210 m a.s.l.).

Besdolus imhoffi  (Pictet, 1841)

Material examined. CROATIA: Mala Kapela,
Plitvička jezera, 14.05.2005, 1 exuviae, 1 male imago,
Dávid Murányi, PLP1768.

Remarks. Only one, more than one hundred years
old record (Agram, 11 Mai 1900) of this species was
known from Croatia (Klapálek 1912, under the name
Dictyogenus ventralis (=Besdolus ventralis), see Zwick &
Weinzierl 1995). However, based on unpublished
results of Aleksandar Popijać, this species is common
in some rivers of the country (Aleksandar Popijać
and Ignac Sivec, pers. comm.).

Besdolus ventralis  (Pictet, 1841)

Material examined. GREECE: Kozani county,
Neapoli, Aliakmonas River, N 40°19.572' E 21°24.421',
Fig. 1. New localities of genus *Besdolus* in the Balkan Peninsula; grey areas are above 1000 m.

559 m, 14.05.2006, 1 exuviae, László Dányi-Jenő Kontschán-Dávid Murányi, PLP2120.

**Remarks.** It is new to the fauna of Greece (see comprehensive work of Tierno de Figueroa & Fochetti 2001, and Pardo & Zwick 2004, Ravizza 2002, Sivec 1997, Tierno de Figueroa & Fochetti 2007). It was recently recorded from the rivers Raba and Lafnitz in the Carpathian Basin (Graf 1997, under the name *Besdolus* cf. imhoffi, see Kovács et al. 2004; Kovács & Ambrus 2001). Earlier data are from the 1910s (Zwick & Weinzierl 1995).

**ACKNOWLEDGMENTS**

We are grateful to Aleksandar Popijač (University of Zagreb, Zagreb), Ignac Sivec (Slovenian Museum of Natural History, Ljubljana), José Manuel Tierno de Figueroa (Universidad de Granada, Granada) and Peter Zwick (Schlitz) for the information. Thanks are due to Ottó Merkl (Hungarian Natural History Museum, Budapest) for linguistic help.
REFERENCES


Received 12 September 2008, Accepted 13 September 2008, Published 16 September 2008