

## Some new data on dragonflies (Odonata) of Vrachanska Planina Mountains

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**Abstract.** Records of three more species are added to the fauna of Vrachanska Planina Mts.: *Calopteryx splendens*, *Lestes dryas* and *Libellula depressa*. A list of all known species for this mountains is provided.

**Key words:** Odonata, Western Stara Planina Mts., Bulgaria.

### Introduction

Till now, 8 species of dragonflies are reported for Vrachanska Planina Mts. (Pavlova & Bechev 2016). Here three more species are added to the list as new records to the area: *Calopteryx splendens*, *Lestes dryas* and *Libellula depressa*.

### Material and Methods

All the presented records of dragonflies are on the base of author`s photographs and identifications.

### Faunistic List

#### New records

#### ***Calopteryx splendens* (Harris, 1782)**

Dolno Ozirovo Village, near Botunya River, 43.2484 N/ 23.3471 E, 260 m a.s.l., 24.07.2016, 2 males; Lyutadzik Village, near Cherna River, 43.1977 N/ 23.4107 E, 378 m a.s.l., 24.07.2016, 1 male and 1 female in copula.

#### ***Calopteryx virgo* (Linnaeus, 1758)**

Dolno Ozirovo Village, near Botunya River, 43.2484 N/ 23.3471 E, 260 m a.s.l., 24.07.2016, male specimens; Lyutadzik Village, near Cherna River, 43.1977 N/ 23.4107 E, 378 m a.s.l., 24.07.2016, male and female specimens.

#### ***Lestes dryas* Kirby, 1890**

Small lake in Parshevitsa Hut region, 43.1395 N/ 23.4656 E, 1370 m a.s.l., 23.07.2016, 1 male.

#### ***Libellula depressa* (Linnaeus, 1758)**

Small lake in Parshevitsa Hut region, 43.1395 N/ 23.4656 E, 1370 m a.s.l., 23.07.2016, 1 male.

The previous report of *Somatochlora metallica* (Vander Linden, 1825) in Pavlova & Bechev (2016) need to be omitted, because the locality is out of Vrachanska Planina Mts.

From all 71 species known from Bulgaria (Gainzarain 2017), for this mountains only 10 species are recorded. They species are listed below (the conservation importance is in square brackets).

**Species List**

ZYGOPTERA

**Calopterygidae**

*Calopteryx splendens* (Harris, 1782)

*Calopteryx virgo* (Linnaeus, 1758)

**Lestidae**

*Lestes dryas* Kirby, 1890 [IUSN (LC)]

*Lestes sponsa* (Hansemann, 1823)

*Sympsectra fusca* (Vander Linden, 1820) [CORINE]

**Platycnemididae**

*Platycnemis pennipes* (Pallas, 1771)

ANISOPTERA

**Aeschnidae**

*Aeshna mixta* Latreille, 1805

**Gomphidae**

*Onychogomphus forcipatus* (Linnaeus, 1758) [IUSN (VU), CORINE]

**Libellulidae**

*Libellula depressa* (Linnaeus, 1758)

*Sympetrum sanguineum* (Muller, 1764)

**References**

Gainzarain, J. (2017) *Epitheca bimaculata* – a new species for the fauna of Bulgaria (Odonata: Corduliidae). – *Notulae odonatologicae*, 8(10): 369-392.

Pavlova, A. & Bechev, D. (2016) Dragonflies (Odonata) from Vrachanska Planina Mountains. – In: Bechev, D. & Georgiev, D. (Eds.), *Faunistic diversity of Vrachanski Balkan Nature Park*. ZooNotes, Supplement 3, Plovdiv University Press, pp. 77-78.

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**Някои нови данни за водните кончета (Odonata)  
на Врачанска планина**

ДИМИТЪР БЕЧЕВ

**(Резюме)**

Дадени са нови данни за 4 вида, от които *Calopteryx splendens*, *Lestes dryas* и *Libellula depressa* са нови за Врачанска планина. С това списъкът на известните за планината водни кончета включва 10 вида, от общо 71 установени в България. *Sympsectra fusca*, *Lestes dryas* и *Onychogomphus forcipatus* са с консервационна значимост.