

## INTERESTING RECORDS OF INSECTS IN PAVILNIAI REGIONAL PARK

*DALIUS DAPKUS*

Department of Zoology, Vilnius Pedagogical University, Studentų str. 39, LT-08106 Vilnius, Lithuania. E-mail: daldap@vpu.lt

### Introduction

Pavilniai Regional Park (Vilnius district) was established in 1992 with the aim to protect hilly landscapes created after the last glaciation. It is the smallest regional park in Lithuania (its area is 2153 ha). Anyway, the park is very heterogenous having different kinds of meadows in the slopes of hills (altitudes of the park ranges up to 100 meters), forests and urbanized territories. The river Vilnia crosses the park and has steep slopes and exposures.

The studies of insects of the park were scarce and information only on single species were published (Ivinskis, 1988; Ivinskis *et al.*, 1988 a, b; Stanionytė, 1988; Ivinskis, 1990; Ivinskis *et al.*, 1990; Monsevičius, 1990; Puplesis *et al.*, 1990; Ivinskis *et al.*, 1991; Ostrauskas, 2000; Ivinskis, 2004; Ivinskis, Augustauskas, 2004). The aim of this article is to present data on rare and protected insect species found in the territory of the park.

### Material and Methods

The research was carried out by the author of this report in 2006. The material was gathered during field expeditions from April till August. Insects were collected in different habitats using a standard entomological net. The main attention was paid to butterflies (Lepidoptera) and dragonflies (Odonata). One specimen of *Lycaena dispar* was collected by Giedrius Švitra. The material is preserved in the collection of Vilnius Pedagogical University.

### List of species

#### LEPIDOPTERA

##### HESPERIIDAE

##### *Carcharodus floccifera* (Zeller, 1847)

Naujoji Vilnia (54°41'32.9"N, 25°23'09.8"E), 03 07 2006, 1 spec., dry meadow by railway.

##### LYCAENIDAE

##### *Lycaena dispar* (Haworth, 1802)

Liepkalnis (54°39'22.8"N, 25°19'10.9"E), 04 07 2006, 2 spec., (54°39'25.4"N, 25°19'27.4"E), 04 07 2006, 1 spec., (54°39'37.7"N, 25°19'37.1"E), 04 07 2006, 1 spec.; Pūčkoriai (54°41'14.7"N, 25°21'26.4"E), 03 07 2006, 2 spec., (54°41'15.0"N, 25°21'39.5"E), 03 07 2006, 2 spec.; Rokantiškės (54°41'50.2"N, 25°22'36.9"E), 03 07

2006, 1 spec.; Tuputiškės (54°40'37.1"N, 25°22'19.8"E), 20 06 2006, 1 spec. (G. Švitra), wet meadows.

***Plebeius eumedon* (Esper, 1780)**

Liepkalnis (54°39'19.8"N, 25°19'07.7"E), 23 06 2006, 1 spec., (54°39'28.1"N, 25°19'39.6"E), 04 07 2006, 9 spec., (54°39'43.1"N, 25°19'30.8"E), 04 07 2006, 9 spec., (54°39'21.0"N, 25°18'50.4"E), 04 07 2006, 5 spec.; Pūčkoriai (54°41'10.9"N, 25°21'32.0"E), 20 06 2006, 7 spec., 03 07 2003, 36 spec., wet meadows.

NYMPHALIDAE

***Melitaea phoebe* (Denis & Schiffermüller, 1775)**

Naujoji Vilnia (54°41'31.7"N, 25°22'50.4"E), 07 06 2006, 1 spec., 20 06 2006, 16 spec., 03 07 2006, 4 spec., dry meadows by railway.

***Boloria eunomia* (Esper, 1799)**

Liepkalnis (54°39'43.1"N, 25°19'30.8"E), 13 06 2006, 10 spec., 23 06 2006, 30 spec., (54°39'24.0"N, 25°19'11.8"E), 13 06 2006, 4 spec., 23 06 2006, 8 spec., 04 07 2006, 1 spec., wet meadows with *Polygonum bistorta*.

***Lopinga achine* (Scopoli, 1763)**

Liepkalnis (54°39'22.2"N, 25°19'32.8"E), 23 06 2006, 1 spec., (54°39'45.2"N, 25°19'28.0"E), 23 06 2006, 2 spec., (54°39'24.7"N, 25°19'27.4"E), 04 07 2006, 1 spec., edges of forests.

PAPILIONIDAE

***Papilio machaon* Linnaeus, 1758**

Rokantiškės (54°42'29.7"N, 25°21'28.3"E), 27 07 2006, 1 spec.

ODONATA

GOMPHIDAE

***Ophiogomphus cecilia* (Fourcroy, 1785)**

Antakalnis (54°41'38.9"N, 25°20'04.5"E), 05 07 2006, 1 spec.; Liepkalnis (54°39'21.0"N, 25°18'50.4"E), 04 07 2006, 1 spec.; Markučiai (54°40'32.5"N, 25°19'28.4"E), 04 07 2006, 10 exuvia, bank of the river Vilnelė; Pūčkoriai (54°41'20.7"N, 25°22'02.4"E), 03 07 2006, 1 spec., (54°41'21.3"N, 25°21'41.3"E), 03 07 2006, 4 exuvia, bank of the river Vilnelė, (54°41'30.9"N, 25°22'00.9"E), 03 07 2006, 3 exuvia, bank of the river Vilnelė, (54°41'17.5"N, 25°21'46.9"E), 27 07 2006, 1 spec.; Rokantiškės (54°41'51.5"N, 25°22'38.7"E), 03 07 2006, 20 exuvia, bank of the river Vilnelė, (54°42'29.7"N, 25°21'28.3"E), 05 07 2006, 3 spec., adults in dry meadows.

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## **Retų vabzdžių radimvietės Pavilnių regioniniame parke**

*D. DAPKUS*

### **Santrauka**

Straipsnyje pateikiami duomenys apie retas ir saugomas drugių bei žirgelių rūšis, užregistruotas tyrimų Pavilnių regioniniame parke 2006 metais metu. Prie kiekvienos rūšies pateikiama radimvietė, data, individų skaičius, buveinė.

*Received: October 9, 2006*