

FINDINGS OF *BOROS SCHNEIDERI* (PANZER, 1796) IN 2006

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Introduction

Boros schneideri (Coleoptera, Boridae) is an endangered insect species listed in the Red Data Book of Lithuania (Monsevičius, Pileckis, 1992) and the Annex 2 of the European Union Habitat Directive. In spring 2006 the presence of this species was checked in several protected areas of Lithuania. We present the results in this paper.

Material and Methods

Dead trees, mainly *Pinus sylvestris* L., were inspected. The presence of *B. schneideri* larvae and adults was checked by temporary take off a part of the bark. The diameter of the host-tree trunk at the altitude of 120 cm above the ground level was measured. Biotopes were classified according to the types proposed by J. Balevičienė (1991).

The studies at the Čepkeliai Strict Nature Reserve and Dzūkija National Park were carried out on the 4–15 05 2006, Labanoras Reg. P. - 17 05 2006, Viešvilė Strict Nature Reserve and its environs - 19–20 05 2006.

List of finding sites

All *B. schneideri* specimens were found under the bark of *Pinus sylvestris*. 33 finding sites of this species were revealed. The co-ordinates of the finding site, the diameter of the host-tree trunk and biotope type are given.

Čepkeliai Strict Nature Reserve

Survey tower env. (4 km south-east from Marcinkonys), 54°01'54"N, 24°27'05"E, Ø 43 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 54°01'55"N, 24°26'59"E, Ø 15 cm trunk, 1 larva, *Cladonio-Pinetum*; 54°01'28"N, 24°28'20"E, Ø 30 cm trunk, 1 larva, *Cladonio-Pinetum*; 54°01'49"N, 24°28'02"E, under the bark of two trees: Ø 32 cm trunk, 5 larvae, Ø 30 cm trunk, 1 larva, *Vaccinio myrtilli-Pinetum*.

Pogarenda env., 53°56'20"N, 24°29'05"E, under the bark of two trees: Ø 29 cm trunk, 1 larva, Ø 21 cm trunk, 1 larva, young cultural pine forest; 53°57'00"N, 24°27'25"E, Ø 35 cm trunk, 1 larva, *Vaccinio uliginosi-Pinetum*.

Jogaila hill env. 53°59'23"N, 24°25'37"E, Ø 20 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum*.

Dzūkija National Park

Puvočiai env., 54°06'33"N, 24°18'18"E, Ø 19 cm trunk, 2 larvae, *Vaccinio vitis-idaea-Pinetum*; 54°06'25"N, 24°18'11"E, under the bark of two trees: Ø 17 cm trunk, 1 larva, Ø 18 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum*; 54°06'21"N, 24°18'00"E, Ø 14 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum*; 54°05'58"N, 24°17'35"E, Ø 20 cm trunk, 2 larvae and 1 imago, *Vaccinio vitis-idaea-Pinetum*; 54°05'48"N, 24°18'27"E, under the bark of two trees: Ø 18 cm trunk, 2 larvae, Ø 30 cm trunk, 2 larvae, *Vaccinio vitis-idaea-Pinetum*.

Ūla Landscape Preserve

Krokšlys env., 54°01'37"N, 24°35'52"E, Ø 28 cm trunk, 3 larvae, *Vaccinio vitis-idaea-Pinetum*.

Labanoras Regional Park

Kiauneliškis reserve, 55°16'03"N, 25°50'46"E, under the bark of two trees: Ø 37 cm trunk, 1 larva, Ø 38 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°16'05"N, 25°51'05"E, Ø 45 cm trunk, 1 imago, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°16'08"N, 25°51'41"E, Ø 37 cm trunk, 2 imago, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*.

Kiauneliškis reserve's env., 55°16'12"N, 25°52'39"E, Ø 18 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°15'51"N, 25°52'27"E, Ø 19 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*.

Viešvilė Strict Nature Reserve

Glitis lake env., 55°08'48"N, 22°29'45"E, Ø 15 cm trunk, 1 larva, *Ledo-Pinetum*; 55°08'41"N, 22°29'46"E, Ø 19 cm trunk, 1 larva, *Vaccinio uliginosi-Pinetum*; 55°08'42"N, 22°29'33"E, under the bark of two trees: Ø 19 cm trunk, 1 larva, Ø 20 cm trunk, 1 larva, *Vaccinio uliginosi-Pinetum*; 55°08'36"N, 22°29'20"E, Ø 15 cm trunk, 2 larvae, *Vaccinio uliginosi-Pinetum*.

Beržynė, 55°08'14"N, 22°29'40"E, under the bark of three trees: Ø 27 cm trunk, 2 larvae, Ø 31 cm trunk, 1 larva, Ø 26 cm trunk, 2 larvae, young cultural pine forest.

The Viešvilė rivulet env., 55°07'27"N, 22°24'53"E, under the bark of two trees: Ø 16 cm trunk, 2 larvae, Ø 8 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°07'29"N, 22°24'45"E, under the bark of two trees: Ø 50 cm trunk, 1 larva, Ø 34 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*.

Environs of Viešvilė Strict Nature Reserve

Viešvilė village env., 55°05'15"N, 22°19'05"E, under the bark of two trees: Ø 34 cm trunk, 2 larvae, Ø 35 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°05'20"N, 22°19'25"E, Ø 17 cm trunk, 1 larva, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°05'14"N, 22°19'30"E, Ø 27 cm trunk, 6 larvae, *Vaccinio vitis-idaea-Pinetum* subassociatio *myrtilletosum*; 55°05'16"N, 22°19'35"E, under the bark of two trees: Ø 31 cm trunk, 1 larva, Ø 30 cm trunk, 1 larva, single trees in clear-cutting; 55°04'08"N, 22°27'00"E, Ø 43 cm trunk, 1 larva, single tree in clear-cutting.

Leipgiriai env., 55°07'02"N, 22°28'34"E, Ø 50 cm trunk, 1 larva, single tree in clear-cutting; 55°07'19"N, 22°28'32"E, under the bark of two trees: Ø 25 cm trunk, 2 larvae, Ø 18 cm trunk, 2 larvae, *Ledo-Pinetum*.

Jurava env. (Kaskalnis geomorphologic preserve), 55°07'40"N, 22°22'24"E, under the bark of four trees: Ø 41 cm trunk, 2 larvae, Ø 36 cm trunk, 2 larvae, Ø 39 cm trunk, 1 larva, Ø 42 cm trunk, 2 larvae, single trees in clear-cutting.

Discussion

B. schneideri was known from the majority of the studied regions earlier. This species was found in Smalininkai environs in 1970, in Čepkeliai Strict Nature Reserve in 1984 (Monsevičius, Pileckis, 1992, Ivinskis *et al.*, 1996), in Lynežeris env. in 1992 (Ivinskis *et al.*, 1996), in Viešvilė Strict Nature Reserve in 2001 (Ferenca, 2003), in Kiauneliškis in 1998–2000 (Šablevičius, 2003). Our data confirms that the populations of *B. schneideri* in Čepkeliai Strict Nature Reserve, Dzūkija National Park, Labanoras Regional Park as well as Viešvilė Strict Nature Reserve are permanent and extended in some adjacent territories.

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Šneiderio kirmvabalio (*Boros schneideri* (Panzer, 1796)) radimvietės 2006 metais

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Santrauka

2006 m. pavasarį *Boros schneideri* (Coleoptera, Boridae) paieška atlikta 5-se saugomose teritorijose ir jų apylinkėse. Pateikiamos 33 šios rūšies radimvietės. Gauti duomenys rodo, kad Šneiderio kirmvabalio populiacijos Čepkelių rezervate, Dzūkijos nacionaliniame parke, Labanoro regioniniame parke ir Viešvilės rezervate yra ilgalaikės ir užima kai kurias greta esančias teritorijas.

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