

**MATERIALS TO THE KNOWLEDGE OF SOLDIER BEETLES
(COLEOPTERA: CANTHARIDAE)
OF THE STOBRAWSKI LANDSCAPE PARK**

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ABSTRACT: The author presents new localities of fourteen species of beetles from the family *Cantharidae* within the territory of Stobrawski Landscape Park.

KEY WORDS: faunistics, new data, Opole region, SW Poland

Stobrawski Landscape Park (SLP) is located in the northern part of Opole region, between Opole, Brzeg and Namysłów city. Whole territory of SLP is located on Lower Silesia. It is one of the largest landscape park in Poland. The research on soldier beetles distribution has not been carried out yet on that territory. This area is very important from the point of view of nature conservation in Poland; south part of SLP belongs to the European Ecological Network – NATURA 2000 (Odra Oak-hornbeam Forests, The Mouth of Nysa and Stobrawa rivers, Barucice Forests); whole territory of SLP is a part of National Ecological Network ECONET-PL.

Because soldier beetles has never been researched on that territory, information about even very common species are important, more that, nowadays we haven't sufficient data about *Cantharidae* in polish publications. Data about *Cantharidae* were collected during regular research on *Curculionoidea* in the Stobrawski L.P. carried out by the author in years 2006-2008.

Detailed information about biology, ecology, distribution in Poland and description of morphology of particular species from genus *Cantharis* and *Rhagonycha* are presented in monograph of *Cantharinae* and *Silinae* of Poland (Kuśka 1995). All specimens were collected by the author and deposited in collection of the Department of Biosystematics in Opole University. Systematic order follows Löbl and Smetana (2007).

All presented species from the genus *Malthodes* and *Malthinus* are common on whole territory of Poland in broad-leaf forests, especially the oak-hornbeam forest community (*Carpinion betuli*) (Kuśka – personal communication).

Cantharis (Cantharis) decipiens Baudi 1871

Ecological ground „Jagienieckie Łąki” ad Pokój (XS94), 29.05.2008, wet meadow, 2 exx.

Species known from distracted localities in the whole territory of Poland.

Cantharis flavilabris Fallén, 1807

Stare Kolnie (XS83), 05.07.2008, bulrushes, 1 ex.

Kały (BB93), 06.07.2008, wet meadow, 1 ex.

Species distributed on whole territory of Europe with many localities in Poland (Kuśka 1995).

Cantharis (Cyrtomoptila) lateralis Linnaeus 1758

Stare Kolnie (XS83), 05.07.2008, bulrushes, 2 exx.

Wielopole (XS93), 19.06.2008, oak-hornbeam forest, 2 exx.

Known from all regions of Poland (Kuśka 1995).

Cantharis (Cantharis) nigra (De Geer 1774)

Stare Kolnie (XS83), 05.07.2008, bulrushes, 2 exx.

Nowe Kolnie (XS83), 07.05.2008, ruderal plant communities on the retaining wall, 1 ex.

Rybna (XS83), 20.07.2008, oak-hornbeam forest, 2 exx.

Species distributed on whole territory of Poland but many older data need confirmation (Kuśka 1995).

Cantharis (Cantharis) nigricans Müller 1766

Ładza (YS03), 29.05.2008, wet meadow, 1 ex.

Ecological ground „Jagienieckie Łąki” ad Pokój (XS94), 25.05.2008, humid meadow, 1 ex.

Grabczok (YS13), 06.07.2008, wet meadow, 1 ex.

One of the most common soldier beetle in Poland but its biology is still not sufficient known. (Kuśka 1995).

Cantharis (Cantharis) pallida Goeze 1777

Wielopole (XS93), 19.06.2008, ruderal plant communities on the retaining wall, 2 exx.

Species known from single localities in majority regions of Poland.

Cantharis (Cantharis) pellucida Fabricius 1792

Wielopole (XS93), 27.05.2008, oak-hornbeam forest, 1 ex.

Stobrawa (XS83), 07.06.2008, marshy forest, 1 ex.

Very common, eurytopic species known from all regions of Poland.

***Cantharis (Cantharis) rufa* Linnaeus 1758**

Ładza (YS03), 24.05.2007, oak-hornbeam forest, 1 ex; 29.05.2008, wet meadow, 3 exx.

Kurznie (XS84), 06.07.2008, wet meadow, 1 ex.

Wielopole (XS93), 27.05.2008, oak-hornbeam forest, 1 ex.

Very common species, preferring wet and humid habitats.

***Rhagonycha (Rhagonycha) fulva* (Scopoli 1763)**

Wielopole (XS93), 03.05.2008, wet meadow, 1 ex.

Grabice (YS04), 07.07.2008, wet meadow, 4 exx.

Species known from all regions of Poland, wide distributed in all territory of Europe.

***Rhagonycha (Rhagonycha) lignosa* (Müller 1764)**

Las Królewski ad Murów (YS03), 15.05.2008, pine-wood, 1 ex.

Nowe Kolnie (XS83), 03.05.2008, marshy forest, 3 exx.

Ecological ground „Jagienieckie Łąki” ad Pokój (XS94), 15.05.2008, humid meadow, 2 exx.

Pokój (XS94), 05.05.2007, oak-hornbeam forest, 2 exx.

Species of european-distribution, registered in broad-leaf forests on lowlands and uplands.

Not reported so far from Tatra Mountains, Beskids, Karkonosze Mountains and from Babia Mountain (Kuśka 1995).

***Rhagonycha (Rhagonycha) nigriventris* Motschulsky 1860**

Łąki Prażnickie ad Grabczok (YS13); 07.06.2008; wet meadow; 2 exx.

Lisie Łąki ad Kurznie (XS84), 02.05.2008, 2 exx; 07.05.2007; wet meadow, 2 exx.

Ładza (YS03), 24.05.2008, wet meadow, 2 exx.

Czapliniec ad Stobrawa (XS83), 30.07.2008, wet meadow, 3 exx.

Wielopole (XS93), 27.05.2008, ruderal plant communities, 2 exx.

Pokój (XS94), 02.05.2007, alder forest, 3 exx; 15.5.2008, oak-hornbeam forest, 2 exx.

Typical hygrophilous species. In Wielopole caught on ruderal localities probably by mistake. Known from all regions of Poland.

Malthodes (Malthodes) minimus (Linnaeus 1758)

Wielopole (XS93), 27.05.2008, oak-hornbeam forest, 1 ex.

Malthodes (Malthodes) marginatus (Latreille 1806)

Wielopole (XS93), 02.05.2008, oak-hornbeam forest, 3 exx; 27.05.2008, bulrushes, 3 exx; 27.05.2008, oak-hornbeam forest, 1 ex.

Kuźnica Dąbrowska (XS95), 03.05.2008, 6 exx.

Malthinus flaveolus (Herbst 1786)

Kały (BB93), 03.07.2008, oak-hornbeam forest, 2 exx.

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