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## **Beetles (Coleoptera) of the Rogów region. Part VII – powderpost beetles (Bostrichidae), spider and death-watch beetles (Ptinidae)**

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### **ABSTRACT**

In the present, the seventh part of the series titled “Beetles (Coleoptera) of the Rogów region” presents two families, powderpost beetles (Bostrichidae) and spider and death-watch beetles (Ptinidae), as one of the better-known families of beetles occurring in the Rogów area. The faunistic data of presented species enriched by bionomical information. 4 species of powderpost beetles, 9 species of spider beetles and 30 species of death-watch beetles were recorded in the study area.

**Keywords:** Insecta; Coleoptera; Bostrichidae; Ptinidae; Rogów region; faunistic data; bionomy

### **1. INTRODUCTION**

Until now, 2 species of powderpost beetles, 2 species of spider and 23 species of death-watch beetles has been reported from the Rogów region (Wiäckowski 1957a, 1957b, Kinelski & Szujecki 1959, Dominik 1966, Nunberg 1986, Borowski 1993a, 1993b, Borowski 2006, Mokrzycki 2011, Piętka 2013, Byk & *al.* 2013, Rutkiewicz & *al.* 2013 and Borowski & *al.* 2013).

The following is a list of the species of powderpost, spider and death-watch beetles that occur in the Rogów region. Almost all species have been collected by the author, and a small

part of specimens comes from the collection of J. Dominik, S. Kinelski, S. Mazur, M. Nunberg and J. Sawoniewicz. Specimens of evidence are in the collection of Department of Forest Protection and Ecology in Rogów and Warsaw. Names are taken from the "Catalogue of Palearctic Coleoptera" (Löbl & Smetana (ed.) 2007). All species have been identified or verified by the author of the work.

## 2. RESULTS – REVIEW OF THE SPECIES

### 2. 1. Bostrichidae

#### 2. 1. 1. *Bostrichus capucinus* (Linnaeus, 1758)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 06.VI.1997, 1 ex., on *Quercus* sp., leg. J. Borowski; 15.V.2001, 1 ex., in flight, a mixed forest, leg. J. Borowski;
- Rogów, UTM: DC24, 12.VI.2003, 5 exx., 25.I.2004, 1 ex., 30.I.2004, 1ex., 18.III.2004, 1 ex., branches of *Fraxinus* sp. leg. et cult. J. Borowski; 03.V.2005, 3 exx., on *Alnus glutinosa* Gaertn., leg. J. Borowski;
- Gutkowice, UTM: DC33, 08.V.2007, 2 exx., on the partly charred stump of *Salix* sp., leg. J. Borowski;
- Głuchów, UTM: DC33, 02.VI.2007, 2 exx., on the partly charred stump of *Salix* sp., and *Populus* sp., leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 08.VI.2010, 1 ex., on *Quercus* sp., leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 24.V.2012, 2 exx., on the partly charred trunk of *Pyrus* sp., and 24.V.2012, 4 exx., on the partly charred stump of *Quercus* sp., leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species in the Rogów region. The pyrophilous species which prefers sunny and warm localities. The adults were collected in May and the beginning of June, on the partly charred trunks and stumps of various deciduous trees e.g. *Salix* L., *Quercus* L., *Pyrus* L., *Populus* L., *Alnus* Mill. and *Fraxinus* L.

#### 2. 1. 2. *Xylopertha retusa* (Olivier, 1790)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 24.VI.1997, 3 exx., and 13.V.2002, 1 ex., on branches of *Quercus* sp., leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 05.VI.2007, 1 ex., on flight, leg. J. Borowski; 26-29.IV.2010, 6 exx., in wood of oak branches, leg. J. Borowski.

For the first time in the Rogów region shown by Kinelski & Szujecki (1959) and next by Dominik (1966). A quite common species in the Rogów region. The imagines were collected and observed on dying branches of *Quercus* sp. The species occurs at sunny and warm localities only.

#### 2. 1. 3. *Lyctus (Lyctus) linearis* (Goeze, 1777)

- Rogów, UTM: DC24, VI.1958, 1 ex., 30.VI.1958, 1 ex., and 20.V.1959, 1 ex., leg. J. Dominik.

For the first time in the Rogów region shown by Dominik (1966). Since that time, there is any further information considering this species. The specimens from the department's collection probably come from infested wood that has been imported to Rogów from different parts of Poland. Until catching new materials I delete this species from the list of powderpost beetles of the Rogów region.

**2. 1. 4. *Lyctus (Lyctus) pubescens* (Goeze, 1777)**

- Gutkowice, UTM: DC33, 12.VII.1999, 1 ex., on the side necrosis of young *Salix* sp., leg. J. Borowski;
- Głuchów, UTM: DC33, 10.VI.2003, 1 ex., on the side necrosis of old *Salix* sp., leg. J. Borowski.

A very rare species in the Rogów region. Only 2 specimens of this species were caught during more than 20 years of researches in this area and using of various traps. The adults were individually collected on the side necroses of trees from *Salix* L. genus.

**2. 2. Ptinidae**

**2. 2. 1. *Gibbium aequinoctiale* (Boieldieu, 1854)**

- Rogów, UTM: DC24, 22.IV.1997, 1 ex., at home, in package of *Ocimum basilicum* L., leg. K. Borowska.

The cosmopolitan species frequently introduced from tropics to many countries throughout the world. The one specimen of that species was collected inside the package of basil, purchased in a local shop.

**2. 2. 2. *Ptinus (Pseudoptinus) coarcticollis* (Sturm, 1837)**

- Rogów, UTM: DC24, 20.X.1954, 1 ex., leg. M. Nunberg;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 10.X.1997, 1 ex., Moericke's trap, leg. J. Sawoniewicz; 05.X-05.XI.2001, 1 ex., window trap on spruce, leg. J. Borowski; 10.VI.2011, 1 ex., on herbs, a mixed forest, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, IV.2008, 1 ex., V.2008, 4 exx., VII.2008, 2 exx., VIII.2008, 1 ex., IX.2008, 3 exx., and X.2008., 4 exx., window trap on various trees, leg. J. Borowski.

For the first time in the Rogów region shown by Borowski (1993b). A quite common species in the Rogów region. The adults were collected on spring and autumn in various types of forest.

**2. 2. 3. *Ptinus (Bruchoptinus) rufipes* (Olivier, 1790)**

- Rogów, „Górki” range, UTM: DC24, 30.V.1995, 1 ex., on herbs, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 26.VI.1996, 1 ex., on the side necrosis of *Carpinus betulus* L., leg. J. Borowski; 14.IV.1998, 1 ex., dead wood of *Tilia* sp. leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 09.VI.1997, 1 ex., on herbs, under *Quercus* sp., leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 05.VI.1997, 1 ex., 07.VI.1997, 1 ex., on herbs, leg. J. Borowski; 10.V.1998, 1 ex., in wood of oak branches, leg. J. Borowski; 03-10.IV.1999, 2 exx., in wood of hornbeam branches, leg. J. Borowski.

For the first time in the Rogów region shown by Borowski (1993b) and next by Mokrzycki (2011), and Byk & al. 2013. The most collected spider beetles in forests of the Rogów region. Polyphagous species. Larvae live in white-rotted wood especially of broken branches. The adults are active at night.

#### **2. 2. 4. *Ptinus (Ptinus) fur* (Linnaeus, 1758)**

- Rogów, dendrological garden, UTM: DC24, 07.X.1995, 7 exx., indoor the building, leg. J. Borowski; 24.II.1997, 3 exx., on the wall of building, leg. J. Borowski.

For the first time in the Rogów region shown by Byk & al. (2013). A very common species in the Rogów region. The imagines were collected and observed from autumn to spring usually on outbuildings, often together with *P. latro*.

#### **2. 2. 5. *Ptinus (Ptinus) latro* (Fabricius, 1775)**

- Rogów, UTM: DC24, 24.III.1968, 1 ex., on the window, leg. S. Mazur;

- Rogów, dendrological garden, UTM: DC24, 15.IV.1996, 3 exx., under dry excrement of marten, indoor the building, leg. J. Borowski; 24.II.1997, 1 ex., 05.V.1997, 1 ex., 20.V.1997, 1 ex., 07.VI.1997, 1 ex., 09.VI.1997, 1 ex., 04.I.1998, 1 ex., and 20.II.1998, 1 ex., on the wall of building, leg. J. Borowski;

- Rogów, „Jasień” range, UTM: DC24, 04.XI.2011, 1 ex., sifting indoor of barn, leg. J. Borowski.

A rare species in the Rogów region. A synanthropic species only. The adults were collected within outbuildings from autumn to spring.

#### **2. 2. 6. *Ptinus (Ptinus) pilosus* (Müller, 1821)**

- Rogów, dendrological garden, UTM: DC24, 20.VI.1996, 1 ex., and 05.IX.1996, 1 ex., Moericke’ trap, leg. J. Sawoniewicz.

A very rare species in the Rogów region. Only 2 specimens of this species were caught during more than 20 years of researches in this area and using of various traps. The yellow bowls were situated under an old oak. Unlike *P. subpillosus*, the species prefers sunny and warm environments, usually outside the forest.

#### **2. 2. 7. *Ptinus (Ptinus) subpillosus* (Sturm, 1837)**

- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 18.XI.1995, 1 ex., under bark of old oak, leg. J. Borowski; 11.VII.1996, 2 exx., Moericke’ trap, leg. J. Sawoniewicz; 09.V.1998, 1 ex., Moericke’ trap, inside of the oak hollow, leg. J. Borowski; 29.III.2000, 5 exx., a pitfall with beer on an old oak, leg. J. Borowski.

For the first time in the Rogów region shown by Byk & al. (2013) and next by Rutkiewicz & al. (2013). A common species in the Rogów region. The forest species. The adults were usually collected from autumn to spring on old oaks.

**2. 2. 8. *Ptinus (Cyphoderes) raptor* (Sturm, 1837)**

- Rogów, UTM: DC24, 01.III.2002, 1 ex., on the wall of the building, leg. J. Borowski.

A very rare species in the Rogów region. Only one specimen of this species was caught during more than 20 years of researches in this area and using of various traps. A semisynanthropic species.

**2. 2. 9. *Ptinus (Gynopterus) dubius* (Sturm, 1837)**

- Rogów, dendrological garden, UTM: DC24, 03.VII.1995, 1 ex., on the side necrosis of hornbeam, leg. J. Borowski; 07.VI.1996, 1 ex., 29.VI.1996, 1 ex., and 26.VII.1996, 1 ex., Moericke' trap on *Pinus contorta* Dougl., leg. J. Sawoniewicz; 10.X.2000, 1 ex., Moericke' trap, on an old spruce, leg. J. Sawoniewicz; V.2009, 1 ex., window trap, leg. J. Borowski;

- Gutkowice, UTM: DC33, 14.IV.2004, 1 ex., on Scots pine, leg. J. Borowski.

For the first time in the Rogów region shown by Piętka (2013). A quite common species in the Rogów region. Probably, larvae live in crowns of pine species on the remains of other insects e.g. *Anthonomus* Germ. (Coleoptera, Curculionidae) or *Xylea* Dalm. (Hymenoptera, Symphyta, Xyelidae).

**2. 2. 10. *Anobium punctatum* (DeGeer, 1774)**

- Rogów, UTM: DC24, 30.VI.1958, 1 ex., VI.1961, 1 ex., VII.1963, 1 ex., 1972, 12 exx., leg. J. Dominik;

- Rogów, UTM: DC24, 20.VII.1999, 5 exx., indoor the building, leg. J. Borowski.

A rare species in the Rogów region. For the first time in the Rogów region shown by Dominik (1966). The species is usually found on the wood usable inside buildings. Now, *A. punctatum* is becoming less common beetle due to the widespread wood impregnation.

**2. 2. 11. *Hemicoelus canaliculatus* (Thomson, 1863)**

- Rogów, UTM: DC24, 11.VII.1956, 1 ex., and 30.VII.1965, 1 ex., leg. J. Dominik; 11.VI.1992, 1 ex., and 07.VIII.1996, 1 ex., on the side necrosis of beech, leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 30.VI.1997, 1 ex., on the side necrosis of oak, leg. J. Borowski;

- Gutkowice, UTM: DC33, 12.VII.1999, 11 exx., on the side necrosis of elm, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and later by Piętka (2013) and Byk & al. (2013). A very common species found on the side necroses of various deciduous trees. The adults were collected in the middle of summer.

**2. 2. 12. *Cacotemnus rufipes* (Fabricius, 1792)**

- Rogów, UTM: DC24, 1972, 1 ex., leg. J. Dominik;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 10-17.IV.1999, 11 exx., and 21.XI.1999, 2 exx., in wood of hornbeam branches, leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Piętka (2013). A quite common species in the Rogów region. Larvae live in hard wood of various dead deciduous trees. The adults are usually active at evening and night.

**2. 2. 13. *Microbregma emarginatum* (Duftschmid, 1825)**

- Rogów, UTM: DC24, 1962, 1 ex., leg. J. Dominik;
- Rogów, dendrological garden, UTM: DC24, 29.VI.1998, 1 ex., on *Picea asperata* Mats., leg. J. Borowski; 17.VII.1998, 1 ex., on *Picea obovata* Ledeb., leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A common species in the Rogów region. The adults lead a secretive life and are accidentally collected in single specimens. The galleries of this species are more frequently observed than imagines, inside the thick bark of older spruces.

**2. 2. 14. *Hadrobregmus pertinax* (Linnaeus, 1758)**

- Rogów, dendrological garden, UTM: DC24, 28.IV.1997, 1 ex., indoor the building, leg. J. Borowski; 25.VI.1997, 6 exx., Moericke' trap, near the building, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species in the Rogów region. The adults lead a night life and were observed on old conifer wood, lying on the ground.

**2. 2. 15. *Priobium carpini* (Herbst, 1793)**

- Rogów, dendrological garden, UTM: DC24, 07.X.1995, 1 ex., dead in the building, leg. J. Borowski; 12.VII.1999, 1 ex., on the wall of building, leg. J. Borowski;
- Rogów, UTM: DC24, 1968, 2 exx., leg. J. Dominik; 20.VII-20.VIII.2001, 2 exx., in red-rotted wood of lying on the ground old poplar, leg. J. Borowski; 21.IV.2003, 13 exx., in red-rotted wood of *Prunus* L., leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A common species in the Rogów region. The imagines are active during the day and at night; they were collected on wood near their galleries.

**2. 2. 16. *Gastrallus immarginatus* (Müller, 1821)**

- Rogów, UTM: DC24, 21.X.1954, 1 ex., inside the oak bark, leg. J. Dominik.

For the first time in the Rogów region shown by Dominik (1966). A very rare species in the Rogów region. Since that time, no one information on this species has been recorded.

**2. 2. 17. *Oligomerus brunneus* (Olivier, 1790)**

- Lipce, UTM: DC25, „Bukowiec” reserve, VIII.1998, 1 ex., in wood of beech branches, leg. et cult. J. Borowski.

A very rare species in the Rogów region. Only 1 specimen of this species was caught during more than 20 years of researches in this area and using of various traps. A polyphagous species, lives in a dead and hard wood of various species of deciduous trees.

**2. 2. 18. *Stegobium paniceum* (Linnaeus, 1758)**

- Rogów, dendrological garden, UTM: DC24, 07.X.1995, 1 ex., indoor the building, leg. J. Borowski;

- Rogów, UTM: DC24, 16.VIII.1997, 1 ex., at home, on the window, leg. J. Borowski.

For the first time in the Rogów region shown by Wiąckowski (1957b). A commonest death-watch beetle in the Rogów region. The imagines were collected and observed in the summer and autumn time, indoor of various buildings, sometime in large numbers.

**2.2.19. *Caenocara subglobosum* (Mulsant & Rey, 1864)**

- Rogów, dendrological garden, UTM: DC24, IX.1999, 1ex., 10.IX.2000, 1 ex., and 26.IX.2000, 1 ex., window trap, leg. J. Borowski and J. Sawoniewicz.

A very rare species in the Rogów region. All specimens were collected in September, inside the window traps, used in a mixed forest. The species probably lives in wood heavily overgrown with mycelium. The data shown by Nunberg (1986) concerning *C. affine*, probably concerns to *C. subglobosum*.

**2. 2. 20. *Dorcatoma (Dorcatoma) dresdensis* (Herbst, 1792)**

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 27.VI.1996, 1 ex., on *Phellinus igniarius* (L.: Fr.) Quél., leg. J. Borowski;

- Rogów, UTM: DC24, 10-12.III.1998, 3 exx., in *Inonotus radiatus* (Sowerby: Fr.) P. Karst., leg. et cult. J. Borowski;

- Głuchów, „Prusy” range, UTM: DC33, 09.II.1998, 2 exx., and 20.II.1998, 3 exx., in *Fomes fomentarius* (L.: Fr.) Kickx, leg. et cult. J. Borowski.

The first and new data on this species in the Rogów region shown by Borowski (2006) and next by Piętka (2013), Byk & al. (2013) and Borowski & al. (2013). The commonest species of *Dorcatoma* Herbst genus in the Rogów region. A polyphagous species lives in the fruiting bodies of various species of polypores.

**2. 2. 21. *Dorcatoma (Dorcatoma) lomnickii* (Reitter, 1903)**

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 05.VI-05.VII.2001, 1 ex., window trap on *Betula* sp., leg. J. Borowski;

- Rogów, dendrological garden, UTM: DC24, 05.V-05.VI.2001, 1 ex., and 05.VI-05.VII.2001, 4 exx., window trap on *Salix* sp., and *Betula* sp., leg. J. Borowski.

The first and new data on this species in the Rogów region shown by Borowski (2006) and next by Piętka (2013), and Borowski & al. (2013). A quite rare species in the Rogów region. A polyphagous species, lives in the fruiting bodies of various species of polypores. The imagines were collected and observed from the end of May to the end of June.

**2. 2. 22. *Dorcatoma (Dorcatoma) robusta* (Strand, 1938)**

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 05.V-05.VI.2001, 7 exx., window trap on *Betula* sp., leg. J. Borowski;

- Rogów, dendrological garden, UTM: DC24, 05.V-05.VI.2001, 4 exx., window trap on *Betula* sp., leg. J. Borowski.

For the first time in the Rogów region shown by Piętka (2013) and next by Byk & al. (2013) and Borowski & al. (2013). A quite rare species in the Rogów region. A monophagous species, lives in the fruiting bodies of *Fomes fomentarius* (L.: Fr.) Kickx. The imagines were collected and observed in May and June, usually together with *D. lomnickii*.

### 2. 2. 23. *Dorcatoma (Pilodorcatoma) chrysomelina* (Sturm, 1837)

- Rogów, UTM: DC24, 10.VII.2001, 13 exx., in red-rotted wood of lying on the ground old poplar and infested by *Laetiporus sulphureus* (Bull.: Fr.) Murrill, leg. J. Borowski.

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 30.VI.2002, 1 ex., window trap on old *Prunus avium* L., infected by *Laetiporus sulphureus* (Bull.: Fr.) Murrill, leg. J. Borowski;

- Rogów, dendrological garden, UTM: DC24, 15.IX.2002, 1 ex., window trap on old *Prunus avium* L., infected by *Laetiporus sulphureus* (Bull.: Fr.) Murrill, leg. J. Borowski.

A rare species in the Rogów region. The adults were collected on the side necroses of standing trees or in wood of deciduous trees infected by *Laetiporus sulphureus* (Bull.: Fr.) Murrill, usually together with *D. flavicornis* (F.). Larvae live in decayed wood.

### 2. 2. 24. *Dorcatoma (Sternitorcatoma) flavicornis* (Fabricius, 1792)

- Rogów, dendrological garden, UTM: DC24, 30.VII.2002, 5 exx., window trap on old *Prunus avium* L., infected by *Laetiporus sulphureus* (Bull.: Fr.) Murrill, leg. J. Borowski.

A very rare species in the Rogów region. The adults were collected on the side necroses of standing trees infected by *Laetiporus sulphureus* (Bull.: Fr.) Murrill, usually together with *D. chrysomelina* Sturm. Larvae live in decayed wood.

### 2. 2. 25. *Dryophilus pusillus* (Gyllenhal, 1808)

- Rogów, dendrological garden, UTM: DC24, 28.VII.1996, 1 ex., Moericke' trap on *Larix kaempferi* (Lamb.), leg. J. Sawoniewicz; 26.VI.1998, 1 ex., Moericke' trap on *Pinus contorta* Dougl., leg. J. Sawoniewicz; 31.V.2002, 2 exx., window trap in mixed forest, leg. J. Borowski;

- Rogów, UTM: DC24, 02.VI.2003, 1 ex., on herbs, under *Larix* sp., leg. J. Borowski.

A quite common species in the Rogów area. The imagines were often observed on larch shoots in May and June. Larvae live in dead and dry wood of various conifer species e.g. on spruces, in galls of aphids from *Sacchiphantes* Curtis and *Adelges* Vallot, genus, or on larches, in dead dwarf shoots.

### 2. 2. 26. *Episernus striatellus* (Brisout de Barneville, 1863)

- Rogów, dendrological garden, UTM: DC24, 28.II.2000, 1 ex., in wood of thin spruce branches, leg. et cult. J. Borowski.

The first and new data on this species in the Rogów region shown by Borowski (1993a). A quite common species in the Rogów region. The species occurs in conifer crowns.



The adults are active at night. Larvae live under thin bark and in wood of dead and dry fir and spruce branches.

**2. 2. 27. *Ernobius abietis* (Fabricius, 1792)**

- Rogów, UTM: DC24, IX.1958, 1 ex., 16.IV.1959, 2 exx., V.1961, 3 exx., leg. J. Dominik;
- Rogów, dendrological garden, UTM: DC24, 07.VIII.1965, 1 ex., leg. S. Kinelski; 26.IX.1995, 3 exx., in the spruce cones, leg. et cult. J. Borowski; 23.II.1997, 1 ex., and 02.VI.1997, 8 exx., in the cones of *Picea omorica* (Pančić), leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Wiąckowski (1957a) and next by Dominik (1966). A one of the commonest species in the Rogów region from *Ernobius* Thomson genus. Larvae live in lying on the ground cones of various spruce species.

**2. 2. 28. *Ernobius angusticollis* (Ratzeburg, 1837)**

- Rogów, dendrological garden, UTM: DC24, 30.VIII.1999, 2 exx., Moericke' trap, plantation of young spruces, leg. J. Sawoniewicz; 08.VII.2004, 1 ex., to the light, leg. J. Borowski; 23.V.2007, 1 ex., netting on *Picea* sp., leg. J. Borowski;
- Rogów, UTM: DC24, 25.VI.2005, 1 ex., to the light, leg. J. Borowski.

A very rare species in the Rogów region. The adults are active at night. Larvae probably live in young, dead and dry spruce cones, in crowns of trees.

**2. 2. 29. *Ernobius longicornis* (Sturm, 1837)**

- Rogów, dendrological garden, UTM: DC24, V.1993, 5 exx., on *Pinus banksiana* L., leg. J. Borowski; 30.V.1995, 2 exx., on *Pinus banksiana* L., and 2 exx., on *Pinus attenuata* Lemmon, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 15.V.1993, 3 exx., and 31.V.1995, 1 ex., on herbs, under pines, leg. J. Borowski;
- Głuchów, UTM: DC33, 16-18.II.1999, 3 exx., in Scots pine shoots, leg. et cult. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 16.V.2002, 1 ex., on herbs, leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 31.V.2011, 1 ex., to the light, leg. J. Borowski.

The first and new data on this species in the Rogów region shown by Borowski (1993a). A common species in the Rogów region occurs in May. The imagines prefer sunny and warm localities, are active at night, and during the day sitting under pine shoots or on herbs. Larvae live in wood of young and thin pine shoots.

**2. 2. 30. *Ernobius mollis mollis* (Linnaeus, 1758)**

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 28.V.1953, 2 exx., and 10.VI.1953, 2 exx., under pine bark, leg. J. Dominik; 16.V.1960, 1 ex., VI.1962, 1 ex., VII.1965, 4 exx., 25.VIII.1965, 1 ex., VI.1966, 1 ex., leg. J. Dominik;
- Rogów, UTM: DC24, 12.VIII.1996, 1 ex., indoor the building, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 09.VI.1997, 2 exx., and 18.VI.1997, 2 exx., on lying on the ground old spruce, leg. J. Borowski; 02.X.1997, 1 ex., indoor the building, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A very common species in the Rogów region. Larvae live under bark of various, dead and dry conifer species.

**2. 2. 31. *Ernobius nigrinus* (Sturm, 1837)**

- Rogów, UTM: DC24, VII.1972, 1 ex., leg. J. Dominik;
- Rogów, dendrological garden, UTM: DC24, V.1993, 7 exx., on *Pinus banksiana* L., leg. J. Borowski; 24.V.1997, 1 ex., on *Picea asperata* Mats., leg. J. Borowski; 03.VI.2006, on herbs, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 15.V.1993, 1 ex., and 09.V.1994, 1 ex., on herbs, leg. J. Borowski;
- Głuchów, UTM: DC33, 10.VI.2003, 1 ex., on herbs, pine forest, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and later by Nunberg (1986). A common species in the Rogów region occurs in May and the beginning of June. The imagines are active at night, and during the day sitting under pine shoots or on herbs. Larvae live in wood of young and thin pine shoots, sometimes together with *E. longicornis*.

**2. 2. 32. *Ernobius pini pini* (Sturm, 1837)**

- Gutkowice, UTM: DC33, 10.VI.2010, 1 ex., to the light, leg. J. Borowski.

A very rare species in the Rogów region. Only 1 specimen of this species was caught during more than 20 years of researches in this area and using of various traps. One male was flew to the UV light on the beginning of June, on xerothermic field with a few Scots pines.

**2. 2. 33. *Xestobium rufovillosum* (DeGeer, 1774)**

- Rogów, UTM: DC24, 25.II.1959, 1 ex., 1968, 2 exx., 26.IV.1978, 4 exx., 05.V.1978, 1 ex., leg. J. Dominik;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 02.V.1998, 4 exx., on the side necrosis of standing and alive old oak, leg. J. Borowski; 18.V.2003, 1 ex., on *Quercus* sp., leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and next by Rutkiewicz & al. (2013). A common species in the Rogów area. The adults winter in wood and occur on the side necroses of deciduous tree species, in April and May.

**2. 2. 34. *Ptinomorphus imperialis* (Linnaeus, 1767)**

- Lipce, UTM: DC25, „Bukowiec” reserve, 20.VI.1999, 1 ex., on beech branches, leg. J. Borowski.

A very rare species in the Rogów region. Only 1 specimen of this species was caught during more than 20 years of researches in this area and using of various traps. A polyphagous species. Larvae live under thin bark and in wood of dead and dry branches of various deciduous tree species e.g. *Fagus* L. sp., *Quercus* L., *Carpinus* L., and *Fraxinus* L. The imagines are winter in gallery chambers in wood of branches.

**2. 2. 35. *Ptilinus fuscus* (Geoffroy, 1785)**

- Gutkowice, UTM: DC33, 12.VII.1999, 1 ex., on the side necrosis of *Salix* sp., leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 20.V.2014, 1 ex., on the aspen fuel timber, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and later by Dominik too (1993). A quite rare species in the Rogów region. The imagines were collected and observed on the side necroses of trees from *Salix* L. and *Populus* L. genera.

**2. 2. 36. *Ptilinus pectinicornis* (Linnaeus, 1758)**

- Lipce, UTM: DC25, 09.VI.1953, 1 ex., on *Fagus* sp. leg. J. Dominik;
- Rogów, UTM: DC24, VI.1954, 2 exx., VI.1957, 1 ex., VI.1958, 6 exx., 05.VI.1958, 3 exx., 30.VI.1958, 7 exx., VI.1961, 2 exx., VI.1962, 1 ex., VII.1963, 1 ex., 17.IV.1978, 10 exx., leg. J. Dominik;
- Rogów, „Doliska” range, UTM: DC24, 01.VII.1995, 1 ex., on the side necrosis of hornbeam, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 06.VI.1997, 6 exx., on the side necrosis of oak, leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 24.VI.1997, 2 exx., 26.VI.1997, 2 exx., and 20.VI.2003, 1 ex., on the side necrosis of oak, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and next by Piętka (2013) and Byk & al. (2013). A one of the commonest death-watch beetles in the Rogów region. A polyphagous species. The imagines were collected and observed on the side necroses of various deciduous trees e.g. *Quercus* L., *Fagus* L., *Carpinus* L., *Acer* L., *Aesculus* L., *Robinia* L., *Ulmus* L., and *Betula* L.

**2. 2. 37. *Lasioderma serricorne* (Fabricius, 1792)**

- Rogów, UTM: DC24, 15.V.2010, 98 exx., at home, on food for aquarium fish, leg. et cult. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 19.VI.1998, 45 exx., on powdered paprika, leg. et cult. J. Borowski.

The cosmopolitan species frequently introduced from tropics and subtropics to many countries throughout the world. Larvae usually live in spices, rarely in other products of plant and animal origin.

**2. 2. 38. *Xyletinus (Xyletinus) ater* (Creutzer, 1796)**

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 31.V.1995, 1 ex., on herbs, under oaks, leg. J. Borowski.

A very rare species in the Rogów region. Only 1 specimen of this species was caught during more than 20 years of researches in this area and using of various traps. Adults live in the forest canopy and are very difficult for collect. The species prefers sunny and warm localities only. Larvae live in dead and hard wood of various deciduous tree species.

**2. 2. 39. *Xyletinus (Xyletinus) fibyensis* (Lundblad, 1949)**

- Rogów, dendrological garden, UTM: DC24, 07.VIII.1995, 2 exx., Moericke' trap in the crown of *Populus alba* L., leg. J. Borowski; 16.VII.1997, 1 ex., Moericke' trap, leg. J. Sawoniewicz;
- Rogów, „Górki” range, UTM: DC24, 20.VI.2003, 1 ex., netting on aspen branches, leg. J. Borowski;
- Gutkowice, UTM: DC33, 10.VI.2010, 2 exx., in copula, at the evening on an aspen branch, leg. J. Borowski.

A rare species in the Rogów region. Adults live in the forest canopy and are very difficult for collect. The species prefers sunny and warm localities only. Larvae live in dead and dry wood of various poplar species.

### 3. CONCLUSIONS

From the Rogów region, 4 species of powderpost beetles representing approx. 40% of all species in the Polish fauna were collected. One of them, *Lyctus linearis* ought to be confirmed by new materials. A few introduced species e.g. *Rhyzopertha dominica* (F.) and species of *Dinoderus* Stephens genus is possible to find in the Rogów region.

From the Rogów region, 9 species of spider beetles representing approx. 43% of all species in the Polish fauna were collected. One of them, *Gibbium aequinoctiale* is an introduced species and not belongs to the Polish fauna. The occurrence of few more new species of spider beetles can expect in the Rogów area. All are semi- or synanthropic species.

30 species of death-watch beetles, representing approx. 45% of all species in the Polish fauna, were collected in the Rogów region. Most species collected in the 50s, 60s and 70s of the twentieth century is collecting today. However, the one species previously reported, *Gastrallus immarginatus*, despite the use of variety traps and collecting by many entomologists and students was not caught again. The occurrence of several more new species of death-watch beetles can expect in the Rogów area e.g. *Caenocara bovistae* (Hoffm.), *Dorcatoma substriata* Humm., *Dryophilus anobioides* Chev., *Ernobius abietinus* (Gyll.), and *Hyperisus plumbeum* (Illig.).

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#### References

- [1] Borowski J. 1993a. Nowe stanowiska i uwagi o niektórych polskich kołatkowatych (Coleoptera, Anobiidae). *Wiad. entomol.*, 12(1): 55.
- [2] Borowski J. 1993b. Nowe stanowiska i uwagi o niektórych polskich pustoszwowatych (Coleoptera, Ptinidae). *Wiad. entomol.*, 12(1): 56.

- [3] Borowski J. 2006. Chrzążce (Coleoptera) grzybów nadrzewnych – studium waloryzacyjne. Wydawnictwo SGGW, Warszawa.
- [4] Borowski J., Byk A., Mazur S., Mokrzycki T., Rutkiewicz A. 2013. Waloryzacja ekosystemów leśnych Leśnego Kompleksu Promocyjnego „Lasy Spalsko-Rogowskie” w oparciu o mycetobiontyczne chrząszcze grzybów nadrzewnych. *Studia i Materiały CEPL w Rogowie*, 35(2): 175-196.
- [5] Byk A., Borowski J., Mazur S., Mokrzycki T., Rutkiewicz A. 2013. Waloryzacja lasów Leśnego Kompleksu Promocyjnego „Lasy Spalsko-Rogowskie” na podstawie zgrupowań chrząszczy saproksylicznych. *Studia i Materiały CEPL w Rogowie*, 35(2): 82-128.
- [6] Dominik J. 1966. Obserwacje nad występowaniem owadów żyjących w drewnie w lasach doświadczalnych SGGW w Rogowie. *Zesz. Nauk. SGGW, Leśn.*, 9: 103-112.
- [7] Dominik J. 1993. Uwagi o występowaniu kambio- i ksylofagicznych owadów w ostatnim czterdziestoleciu w Lasach Doświadczalnych SGGW w Rogowie. *Sylwan*, 9: 77-80.
- [8] Kinelski S., Szujewski A. 1959. Materiały do poznania chrząszczy (Coleoptera) fauny krajowej. *Pol. Pismo Ent.*, 29(15): 215-250.
- [9] Löbl I., Smetana A. (ed.) 2007. Catalogue of Palearctic Coleoptera, Vol. 4. Stenstrup, Apollo Books, 935 pp.
- [10] Mokrzycki T. 2011. Zgrupowania saproksylicznych chrząszczy (Coleoptera) w pniakach wybranych gatunków drzew – studium porównawcze. Wydawnictwo SGGW, Warszawa, 135 pp.
- [11] Nunberg M. 1986. The beetles (Coleoptera) collected on the area of the Forest Experimental Station at Rogów. *Ann. Agric. Univ. – SGGW-AR, For. and Wood Techn.*, 34: 11-17.
- [12] Piętka J. 2013. Czynna ochrona zagrożonych grzybów nadrzewnych w lasach. Wydawnictwo SGGW, Warszawa, 188 pp.
- [13] Rutkiewicz A., Borowski J., Byk A., Mokrzycki T. 2013. Waloryzacja lasów Leśnego Kompleksu Promocyjnego „Lasy Spalsko-Rogowskie” na podstawie zgrupowań chrząszczy saproksylicznych powierzchni pni drzew. *Studia i Materiały CEPL w Rogowie*, 35(2): 129-159.
- [14] Wiąckowski S. 1957a. Wyniki hodowli pasożytów owadów leśnych. Część I. *Pol. Pismo Ent.*, 26(21): 311-320.
- [15] Wiąckowski S. 1957b. Entomofauna pniaków sosnowych w zależności od wieku i rozmiaru pniaka. *Ekol. Pol., ser. A*, 5(3): 13-140.

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