



Beetles (Coleoptera) of the Rogów region. Part VI – longhorn beetles (Cerambycidae)

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ABSTRACT

In the present, the sixth part of the series titled “Beetles (Coleoptera) of the Rogów region” presents one larger family, longhorn beetles (Cerambycidae), as one of the better-known families of beetles occurring in the Rogów area. The faunistic data of presented species enriched by biological information. Seventy five species were recorded representing approx. 39% of Polish fauna.

Keywords: Insecta; Coleoptera; Cerambycidae; Rogów region; faunistic data; bionomy

1. INTRODUCTION

Until now, 54 species of longhorn beetles has been reported from the Rogów region (Wiackowski 1957a, 1957b, Kinelski & Szujewski 1959, Dominik 1966, Nunberg 1986, Dominik 1993, Borowski & Kieszek 1999, Mokrzycki 2011, Piętka 2013, Byk & *al.* 2013 and Rutkiewicz & *al.* 2013).

The following is a list of the species of longhorn beetles that occur in the Rogów region. Almost all species have been collected by the authors, and a small part of specimens comes from the collection of J. Dominik, P. Garbaliński, S. Kinelski, S. Mazur, M. Nunberg, J. Sawoniewicz and A. Szujewski. 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.) 2010). All species have been identified or verified by the authors of the work.

2. RESULTS – REVIEW OF THE SPECIES

2. 1. *Prionus coriarius* (Linnaeus, 1758)

- Rogów, dendrological garden, UTM: DC24, 16.VIII.1997, 1 ex., Moericke' trap, leg. J. Sawoniewicz; 31.VII.2001, 2 exx., window trap on tree, leg. J. Borowski; 25.VII.2011, 1 ex., to the light, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 25.VII.1999, 1 ex., on herbs in a mixed forest, leg J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 15.VII.2001, 1 ex., on an oak stump, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and next by Mokrzycki (2011) and Byk & al. (2013). A very common species in the Rogów region. This polyphagous species is usually collected in the middle of summer in various types of forest.

2. 2. *Alosterna tabacicolor tabacicolor* (DeGeer, 1775)

- Rogów, UTM: DC24, V.1953, 4 exx., leg. J. Dominik; 02.VII.1958, 1 ex., leg. J. Dominik;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 18.VI.1992, 2 exx., on blackberry flowers; 08.VI.1995, 1 ex., on the Apiaceae flowers, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 10.VI.1997, 1 ex., on herbs, in a mixed forest, leg. J. Borowski; 21.VI.2003, 1 ex., on flowers of *Aruncus dioicus* (Walter), leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 30.V.1995, 2 exx., on mountain ash flowers, leg. J. Borowski.

For the first time in the Rogów region shown by Nunberg (1986) and next by Mokrzycki (2011), Piętka (2013) and Byk & al. 2013. One of the commonest longhorn beetles in the Rogów Region. Polyphagous and anthophilous species. The larvae live in two very different microenvironments. The first one is a flaccid bark with mycelium of deciduous trees, e.g. *Salix* L. genus; the second one is a hard and dead wood of tree trunks, e.g. of beech.

2. 3. *Anoplodera (Anoplodera) rufipes rufipes* (Schaller, 1783)

- Rogów, dendrological garden, UTM: DC24, 26.V.1992, 1 ex., on mountain ash flowers, leg. P. Garbaliński; 31.V.1995, 2 exx., on hawthorn flowers, leg. J. Borowski; 07.VI.2006, 4 exx., on flowers of *Spiraea* sp., leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 25.V.1999, 1 ex., on hawthorn flowers, leg. J. Borowski.

For the first time in the Rogów region shown by Mokrzycki (2011). A quite common species especially in deciduous and mixed forests. The anthophilous imagines were collected on white flowering plants, usually in the end of May and the beginning of June.

2. 4. *Grammoptera (Grammoptera) abdominalis* (Staphens, 1831)

- Rogów, UTM: DC24, 14.V.1959, 1 ex., oak, leg. M. Nunberg; 20.V.1959, 1 ex., leg. J. Dominik;
- Rogów, dendrological garden, UTM: DC24, 25.V.1997, 1 ex., on hawthorn flowers, and 1 ex., on flowers of *Frangula alnus* Mill., leg. J. Borowski.

A rare species in the Rogów forests. The first and new data on this species in the Rogów region shown by Borowski & Kieszek (1999). The anthophilous imagines were collected on white flowering plants, usually in May. Larvae live in wood of dead and white-rotted oak branches.

2. 5. *Grammoptera (Grammoptera) ruficornis ruficornis* (Fabricius, 1781)

- Rogów, „Doliska” range, UTM: DC24, 24.V.1992, 1 ex., on mountain ash, leg. P. Garbaliński;
- Rogów, dendrological garden, UTM: DC24, 24.V.1995, 1 ex., on mountain ash flowers, leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 20.VI.1998, 1 ex., on rose flower, leg. J. Borowski;
- Rogów, UTM: DC24, 20.V.2012, 2 exx., thin branches of *Frangula alnus* Mill., leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Nunberg (1986) and later by Piętka (2013). In the Rogów region one of most frequently collected species from the Cerambycidae family. The anthophilous imagines were collected on flowering plants, usually in May and June. Larvae live under dry bark of dead deciduous trees and shrubs.

2. 6. *Grammoptera (Grammoptera) ustulata* (Schaller, 1783)

- Rogów, dendrological garden, UTM: DC24, 25.V.1997, 1 ex., on hawthorn flowers, leg. J. Borowski; 07.VI.2006, 1 ex., on flowers of *Spiraea* sp., leg. J. Borowski; 25.V.2011, 1 ex., on fuel timber, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 20.V.1999, 1 ex., Moericke’ trap, leg. J. Sawoniewicz;
- Rogów, UTM: DC24, 20.II.2001, 1 ex., at home, ex. oak branch, leg. J. Sawoniewicz.

A rare species in the Rogów region. The anthophilous imagines were collected on white flowering plants, usually in the end of May and the beginning of June.

2. 7. *Leptura aethiops* Poda von Neuhaus, 1761

- Rogów, UTM: DC24, VII.1958, 1 ex., leg. J. Dominik;
- Rogów, dendrological garden, UTM: DC24, 02.VI.1991, 1 ex., on mountain ash, leg. P. Garbaliński; 26.V.2012, 1 ex., on flowers of *Spiraea* sp., leg. J. Borowski;
- Gutkowiec, UTM: DC33, 26.VI.1998, 1 ex., on blackberry flowers, leg. J. Borowski;
- Głuchów, UTM: DC33, 08.VI.2007, 1 ex., on blackberry flowers, leg. J. Borowski.

A common species in the Rogów region. For the first time in the Rogów region shown by Dominik (1966) and next by Nunberg (1986). The anthophilous imagines were collected on flowering plants, usually in June and July.

2. 8. *Leptura quadrfasciata quadrfasciata* Linnaeus, 1758

- Popień, UTM: DC23, 25.VII.1997, 1 ex., and 01.VIII.1997, 2 exx., wet meadow, on the Apiaceae flowers, leg. J. Borowski;
- Gutkowice, UTM: DC33, 16.VII.2009, 1 ex., on the Apiaceae flowers, leg. J. Borowski.

A common species in the Rogów region. For the first time in the Rogów region shown by Dominik (1966) and next by Mokrzycki (2011) and Byk & al. 2013. This polyphagous species is usually collected in the middle of summer especially in wet environments, sometimes together with *L. aethiops*. The anthophilous imagines were collected on flowering plants.

2. 9. *Pseudovadonia livida livida* (Fabricius, 1777)

- Rogów, UTM: DC24, 11.VI.1992, 1 ex., on flowers of *Achillea millefolium* L., leg. P. Garbaliński;
- Gutkowice, UTM: DC33, 28.VI.1997, 2 exx., dry meadow, leg. J. Borowski

For the first time in the Rogów region shown by Nunberg (1986). A very common species found in various environments. The anthophilous imagines were collected on various flowering plants, usually in June and July.

2. 10. *Stenurella bifasciata bifasciata* (Müller, 1776)

- Rogów, UTM: DC24, VI.1956, 2 exx., leg. J. Dominik;
- Gutkowice, UTM: DC33, 25.VI.1998, 1 ex., at the gravel pit, on flowers, leg. J. Borowski; 15.VII.1998, 2 exx., on flowers of *Achillea millefolium* L., leg. J. Borowski; 16.VII.2009, 15 exx., on the Apiaceae flowers, leg. J. Borowski; 31.VII.2010, 1 ex., on flowers, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite rare species found in warm and sunny habitats. The anthophilous imagines were collected on various flowering plants, usually in June and July.

2. 11. *Stenurella melanura* (Linnaeus, 1758)

- Rogów, UTM: DC24, V.1972, 1 ex., leg. J. Dominik;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 08.VI.1992, 1 ex., on herbs, leg. P. Garbaliński; 11.VI.1992, 1 ex., on blackberry flowers, leg. P. Garbaliński;
- Rogów, „Górki” range, UTM: DC24, 20.VI.1995, 1 ex., on the Apiaceae flowers, leg. J. Borowski;
- Gutkowice, UTM: DC33, 26.VI.1997, 1 ex., dry meadow, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and later by Nunberg (1986) and Byk & al. (2013). A very common species found in various environments. The anthophilous imagines were collected on various flowering plants, usually in June and July.

2. 12. *Stenurella nigra* (Linnaeus, 1758)

- Rogów, „Górki” range, UTM: DC24, 06.VI.1995, 1 ex., on blackberry flowers, leg. J. Borowski; 18.VI.1997, 3 exx., on rose and blackberry flowers, leg. J. Borowski; 24.VI.1997, 5 exx., on rose flowers, leg. J. Borowski; 20.VI.1998, 3 exx., on rose flowers, leg. J. Borowski;
- Głuchów, UTM: DC33, 08.VI.2007, 1 ex., on *Aegopodium podagraria* L. flowers, leg. J. Borowski.

A quite common species in the Rogów region. Imagines were found in warm and sunny habitats, especially on flowering plants from *Rosa* L. and *Rubus* L. genera.

2. 13. *Stictoleptura (Aredolpona) rubra rubra* (Linnaeus, 1758)

- Rogów, dendrological garden, UTM: DC24, 07.VIII.1967, 1 ex., leg. S. Kinelski; 07.VIII.1997, 3 ex., in flight, leg. J. Borowski; 07.VIII.1997, 2 exx., on *Picea omorika* (Pančić) and *Picea engelmannii* Parry, leg. J. Borowski; 25.VII.1998, 2 exx., on *Picea* sp. and *Larix* sp., leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 14.VIII.1992, 1 ex., on herbs, leg. P. Garbaliński;
- Rogów, UTM: DC24, 14.VIII.1992, 1 ex., on herbs, leg. P. Garbaliński.

For the first time in the Rogów region shown by Wiąckowski (1957a) and next by Dominik (1966), Nunberg (1986), Mokrzycki (2011), Rutkiewicz & al. (2013) and Byk & al. (2013). A very common in the Rogów region. Imagines of this species were observed from June to September in various types of forest.

2. 14. *Stictoleptura (Stictoleptura) maculicornis maculicornis* (DeGeer, 1775)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 18.VI.1992, 1 ex., on the Apiaceae flowers, leg. P. Garbaliński; 08.VI.1995, 2 exx., on the Apiaceae flowers, leg. J. Borowski; 04.VII.1997, „Zimna Woda” reserve, 1 ex., Moericke’ trap, leg. J. Sawoniewicz;
- Rogów, „Górki” range, UTM: DC24, 06.VI.1995, 1 ex., on herbs, leg. J. Borowski, 24.VI.1997, 4 exx., on rose flowers, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and later by Nunberg (1986). A very common species in the Rogów region. The anthophilous imagines were collected on various flowering plants, usually in June and July. Larvae live in wood of dead and white-rotted branches of various deciduous trees.

2. 15. *Strangalia attenuata* (Linnaeus, 1758)

- Głuchów, UTM: DC33, 15.VI.2013, 1 ex., and 18.VI.2013, 3 exx., on the Apiaceae flowers, leg. J. Borowski.

A very rare species in the Rogów region. The species was discovered in 2013 on the one locality in Głuchów range. The anthophilous imagines occur from June to July. The species usually occurs in large number together with *L. quadrifasciata*.

2. 16. *Oxymirus cursor* (Linnaeus, 1758)

- Popień, „Popień” reserve, UTM: DC23, 02.V.2004, 1 ex., in a mixed forest, on lying old Scots pine, leg. Jolanta Borowska.

For the first time in the Rogów region shown by Wiąckowski (1957b). 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.

2. 17. *Acmaeops septentrionis* (Thomson, 1866)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 02.IV.2005, 2 exx., and 03.V.2005, 25 exx., under bark of old and dead spruce, leg. J. Borowski.

A very rare species in the Rogów region. All specimens were collected under and inside the bark of an old standing Norway spruce. Larvae live in the root crown, close to the ground.

2. 18. *Cortodera femorata* (Fabricius, 1787)

- Rogów, UTM: DC24, 29.V.1958, 1 ex., leg. A. Szujewski; 01.VI.1970, 1 ex., leg. S. Mazur;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 30.V.1991, 1 ex., on herbs, leg. J. Borowski; 14.V.2002, 1 ex., on oak branches, leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 26.V.1992, 1 ex., on mountain ash flowers, leg. P. Garbaliński; 03.VI.1998, 1 ex., on herbs, leg. J. Borowski; 14.V.2002, 5 exx., on lying branches, leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 18.VI.1997, 1 ex., on the ground, leg. J. Borowski;
- Głuchów, UTM: DC33, 10.VI.2003, 1 ex., on the ground, and 01.V.2004, 1 ex., on herbs, leg. J. Borowski
- Rogów, dendrological garden, UTM: DC24, 03.VI.2006, 4 exx., on herbs, leg. J. Borowski.

The first and new data on this species in the Rogów region shown by Kinelski & Szujewski (1959) and later by Byk & al. (2013). A quite common species in the Rogów region but usually collected as individual specimens. Larvae of this species wintering under forest litter and in the soil; they are very resistant to frost and humidity. Pupation in April and May.

2. 19. *Cortodera humeralis humeralis* (Schaller, 1783)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 13.V.1993, 1 ex., for. div. 77, in flight, 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.

2. 20. *Dinoptera (Dinoptera) collaris* (Linnaeus, 1758)

- Rogów, dendrological garden, UTM: DC24, 01.VII.1992, 1 ex., leg. P. Garbaliński;
- Rogów, „Doliska” range, UTM: DC24, 26.V.2012, 1 ex., on flowers of *Spiraea* sp., leg. J. Borowski.

A rare species in the Rogów region. The anthophilous imagines were collected on flowering plants, usually in June.

2. 21. *Pachyta quadrimaculata* (Linnaeus, 1758)

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 29.VI.1954, 2 exx., leg. J. Dominik;
- Rogów, UTM: DC24, VII.1958, 1 ex., leg. J. Dominik.

A boreal-mountain, species. In the Rogów region shown by Dominik (1966). Since this time, no one information on this species has been recorded. Species should be considered extinct in the Rogów region.

2. 22. *Rhagium (Megarhagium) mordax* (DeGeer, 1775)

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 02.V.1952, 1 ex., leg. J. Dominik; 18.VI.1992, 1 ex., in flight, leg. P. Garbaliński; 07.XI.1998, 1 ex., under bark of lying birch-tree, leg. J. Borowski; 18.V.2003, 1 ex., on *Quercus* sp., leg. J. Borowski;
- Rogów, UTM: DC24, 15.IV.1959, 1 ex., 16.V.1960, 1 ex., and V.1960, 1 ex., leg. J. Dominik;
- Popień, UTM: DC23, 02.V.1970, 3 exx., leg. J. Dominik.

For the first time in the Rogów region shown by Wiąckowski (1957a) and next by Dominik (1966) and Rutkiewicz & al. (2013). A common species in the Rogów area. Larvae live under thick bark of various deciduous trees. Imagines occasionally can be found on flowers.

2. 23. *Rhagium (Rhagium) inquisitor inquisitor* (Linnaeus, 1758)

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 16.IV.1952, 1 ex., and 29.IV.1952, 2 exx., leg. J. Dominik; 21-22.X.1997, 2 exx., under bark of Scots pine, leg. J. Borowski; 29.V.1998, 1 ex., on the stump of Scots pine, leg. J. Borowski; 15.III.2000, 1 ex., under bark of Norway spruce, leg. J. Sawoniewicz;
- Rogów, dendrological garden, UTM: DC24, 08.V.1992, 1 ex., on the stump of a pine, leg. P. Garbaliński; 02.V.1995, 1 ex., on the wall of building, leg. J. Borowski; 12.I.1999, 1 ex., under bark of *Larix laricina* (Du Roi), leg. J. Borowski;
- Gutkowice, UTM: DC33, 06.XI.1997, 2 exx., under bark of pine, leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 29.V.1998, 2 exx., on the stump of pine, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and next by Byk & al. (2013). A common species in the Rogów area. Larvae live under thick bark of various conifers. Imagines occasionally can be found on flowers.

2. 24. *Rhamnusium bicolor bicolor* (Schrank, 1781)

- Parcela-Popień, UTM: DC23, 20-21.VI.1997, 3 exx., on the side of necrosis of *Aesculus hippocastanum* L., leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 20.V.1999, 1 ex., on the side of necrosis of oak, leg. J. Borowski;
- Rogów, UTM: DC24, 15.VI.2004, 2 exx., on the side of necrosis of *Acer platanoides* L., leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species in the Rogów region. Imagines of this species were collected from the end of May to the end of June, always on the side of necroses of various live deciduous trees, especially from *Aesculus* L., *Acer* L., *Ulmus* L., and *Quercus* L. genera.

2. 25. *Arhopalus ferus* (Mulsnat, 1839)

- Rogów, UTM: DC24, 05.IX.2006, 1 ex., on the wall of building, 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 female flew to the light in the early of September.

2. 26. *Arhopalus rusticus* (Linnaeus, 1758)

- Rogów, UTM: DC24, VI.1991, 1 ex., leg. P. Garbaliński; 05.VII.2002, 1 ex., and 03.IX.2005, 1 ex., to the light, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 25.VII.2011, 1 ex., to the light, leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 25.VII.2011, 1 ex., and 20.VII.2012, 1 ex., to the light, leg. J. Borowski.

For the first time in the Rogów region shown by Wiąckowski (1957b) and next by Dominik (1966) and Rutkiewicz & al. (2013). A common species in the Rogów region but collected as individual specimens.

2. 27. *Asemum striatum* (Linnaeus, 1758)

- Rogów, UTM: DC24, 08.VI.1983, 1 ex., leg. J. Dominik;
- Głuchów, UTM: DC33, 19.VI.1992, 2 exx., on fuel timber, leg. P. Garbaliński;
- Rogów, dendrological garden, UTM: DC24, 28.VI.1996, 1 ex., on *Pinus banksiana* Lamb., leg. J. Borowski.

For the first time in the Rogów region shown by Wiąckowski (1957a) and next by Dominik (1966). A common species in the Rogów region, usually collected on pine stumps from May to June.

2. 28. *Tetropium castaneum* (Linnaeus, 1758)

- Rogów, UTM: DC24, V.1956, 1 ex., 01.VI.1957, 1 ex., and VII.1972, 1 ex., leg. J. Dominik; 02.VI.1960, 1 ex., 19.VII.1965, 1 ex., 18.VI.1966, 1 ex., leg. S. Kinelski;
- Rogów, dendrological garden, UTM: DC24, 24.V.2009, 1 ex., on *Picea orientalis* (L.), leg. J. Borowski; 09.VI.2011, 4 exx., on spruce fuel timber, at night, leg. J. Borowski;
- Głuchów, UTM: DC33, 08.VI.2007, 1 ex., on spruce fuel timber, leg. J. Borowski; 06.VI.2014, 3 exx., on the trunk of Norway spruce, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A rare species in the Rogów region, usually collected on dying old spruces from May to June.

2. 29. *Tetropium fuscum* (Fabricius, 1787)

- Rogów, UTM: DC24, 24.V.1953, 1 ex., on spruce, leg. J. Dominik; 21.VI-21.VIII.1965, 6 ex., leg. S. Kinelski; 20.V.1966, 1 ex., and 18.VII.1966, 2 ex., leg. S. Kinelski;
- Rogów, dendrological garden, UTM: DC24, 24.V.2009, 1 ex., on *Picea orientalis* (L.), leg. J. Borowski; 9-12.VI.2011, 7 exx., on spruce fuel timber, at night, leg. J. Borowski.

For the first time in the Rogów region shown by Wiąckowski (1957a) and next by Dominik (1966). A quite rare species in the Rogów region. The specimens were collected on dying spruces from May to June sometimes together with *T. castaneum*.

2. 30. *Tetropium gabrieli* Weise, 1905

- Rogów, „Doliska” range, UTM: DC24, 26.V.1992, 1 ex., under bark of larch, leg. P. Garbaliński;
- Rogów, dendrological garden, UTM: DC24, 16.V.1995, 1 ex., a branch of *Larix sibirica* Ledeb., leg. et cult. J. Borowski;
- Rogów, UTM: DC24, 03-12.XII.1997, 4 exx., branches of larch, at home, leg. J. Sawoniewicz;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 09.VI.1997, 1 ex., and 03.VI.1998, 1 ex., on larch fuel timber, leg. J. Borowski.

The first and new data on this species in the Rogów region shown by Dominik (1993). A common species in the Rogów region lives under bark of branches and trunks of various species of larches.

2. 31. *Spondylis buprestoides* (Linnaeus, 1758)

- Rogów, UTM: DC24, VII.1958, 1 ex., leg. J. Dominik; 23.VII-26.VII.1965, 2 exx., leg. S. Kinelski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 16.VII.1992, 1 ex., in flight, leg. P. Garbaliński; 15.VIII.1998, 3 exx., on lying Scots pine, leg. J. Borowski
- Rogów, „Doliska” range, UTM: DC24, 20.VII.2012, 2 exx., on light, leg. J. Borowski.

A quite rare species in the Rogów region. For the first time in the Rogów region shown by Dominik (1966) and next by Rutkiewicz & al. (2013). Specimens of this species were observed from July to end of October.

2. 32. *Necydalis (Necydalis) major major* Linnaeus, 1758

- Rogów, UTM: DC24, VI.1958, 1 ex., leg. R. Dałkowski;
- Rogów, dendrological garden, UTM: DC24, 30.VI.2002, 1 ex., window trap on *Salix* sp., leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A rare species in the Rogów region lives in hard wood of trunks of various deciduous trees. Only 2 specimens of this species were caught during more than 20 years of researches in this area and using of

various traps. The imagines lead a secretive life. The galleries of this species are more frequently observed than imagines, usually on the side of necroses of trees e.g. *Sorbus* L., *Pyrus* L., *Malus* Mill., *Cerasus* Mill., *Robinia* L., *Betula* L. *Salix* L. and *Caripnus* L.

2. 33. *Anaglyptus (Anaglyptus) mysticus* (Linnaeus, 1758)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, V.1956, 2 exx., 27.IV.1957, 2 exx., V.1960, 1 ex., leg. J. Dominik;
- Rogów, UTM: DC24, 02.III.2014, 1 ex., indoor the building, leg. J. Borowski.

The first and new data on this species in the Rogów region shown by Dominik (1966). A very rare species in the Rogów forests. No one specimen of this species was caught during more than 20 years of researches in this area and using of various traps, in the Rogów’ forests. In 2014, one specimen of this species was collected in the Museum’ building. The imago go out from the *Cerasus* Mill., wood.

2. 34. *Aromia moschata moschata* (Linnaeus, 1758)

- Rogów, UTM: DC24, 28.VII.1951, 1 ex., for. div. 97, leg. M. Stuglik;
- Popień, UTM: DC23, 25.VII.1997, 2 exx., on *Salix caprea* L., leg. J. Borowski; 28.VII.2015, 3 exx., on the Apiaceae flowers, leg. J. Borowski.

A rare species in the Rogów region. For the first time in the Rogów region shown by Dominik (1966). Larvae live in wood of various willows, but prefer *Salix caprea* L.

2. 35. *Callidium (Callidium) violaceum* (Fabricius, 1775)

- Rogów, UTM: DC24, 01.VI.1957, 1 ex., leg. J. Dominik; 02.VI.1967, 1 ex., leg. S. Kinelski; 28.VI.1997, 1 ex., on the wall of building, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 05.VI.1997, 1ex., on pine branches, and 06.VI.1997, 1 ex., on pine fuel timber, leg. J. Borowski; 29.V.1998, 1 ex., on the pine fence, leg. J.Borowski;
- Rogów, „Doliska” range, UTM: DC24, 10.VI.2010, 2 exx., on pine fuel timber, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite rare species in the Rogów region. Larvae of this species live under bark of various conifers.

2. 36. *Callidium (Callidostola) aeneum aeneum* (DeGeer, 1775)

- Rogów, UTM: DC24, V.1956, 2 exx., leg. J. Dominik;
- Rogów, dendrological garden, UTM: DC24, V.1999, 29 exx., young Norway spruce, leg. et cult. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 20.III.2004, 1 ex., a branch of Scots pine, leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species, lives under bark and wood of various conifers.

2. 37. *Phymatodes (Phymatodes) testaceus* (Linnaeus, 1758)

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, V.1950, 1 ex., and 25.V.1953, 1 ex., leg. J. Dominik;
- Rogów, „Górki” range, UTM: DC24, 21.V.1954, 1 ex., leg. J. Dominik;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, VI. 1960, 1 ex., VII.1963, 1 ex., and VII.1964, 1 ex., leg. J. Dominik; 08.VI.1992, 1 ex., on oak, and 06.VII.1992, 1 ex., leg. P. Garbaliński;
- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 29.VI.1997, 3 exx., and 03-04.VII.1997, 5 exx., a dead and old oak, leg. J. Borowski.

For the first time in the Rogów region shown by Wiąckowski (1957a) and next by Dominik (1966) and Nunberg (1986). A very common species in the Rogów region. The imagines were usually collected on dead old oaks.

2. 38. *Poecilium alni alni* (Linnaeus, 1767)

- Rogów, „Doliska” range, UTM: DC24, 24.V.1992, 2 exx., on branch of oak; leg. P. Garbaliński; 27.IV.2010, 1 ex., a branch of oak, leg. et cult. J. Borowski;
- Popień, UTM: DC23, 24.V.1995, 2 exx., on oaks, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 30.V.1995, 1 ex., on oak, leg. J. Borowski; 21.V.2004. 1 ex., a branch of oak, leg. et cult. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 02.VI.1999, 2 exx., oak branches, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 11.X.1999, 1 ex., a branch of oak, leg. et cult. J. Borowski.

A common species in the Rogów area. The imagines were collected on sunny and warm localities, on oak branches. Larvae live under bark and in wood of oak branches or trunks of dying young trees.

2. 39. *Pronocera angusta* (Kriechbaumer, 1844)

- Rogów, UTM: DC24, VI.1955, 1 ex., leg. J. Dominik.

In the Rogów area shown by Dominik (1966). Since that time, no one information on this species has been recorded. Species should be considered extinct in the Rogów region.

2. 40. *Pyrrhidium sanguineum* (Linnaeus 1758)

- Rogów, „Górki” range, UTM: DC24, 31.V.2011, 3 exx., on oak fuel timber, leg. J. Borowski.

The species is transported with the oak firewood to many places in Poland. The first and new data on this species in the Rogów region are known since May of 2011.

2. 41. *Plagionotus arcuatus* (Linnaeus, 1758)

- Rogów, UTM: DC24, 23.V.1950, 1 ex., and VI.1983, 21 exx., leg. J. Dominik;



Fig. 1. An interesting color form of *Plagionotus arcuatus* (L.) collected in the Rogów region (central Poland) (Photo by M. Sławski).

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 02.VI.1995, 2 exx., on lying oak and hornbeam, leg. J. Borowski; 20.VI.1997, 1 ex., on oak fuel timber, leg. J. Borowski; 25.V.2001, 1 ex., on lying oak, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A common species in the Rogów region. The imagines of this species were found on lying timber especially in sunny and warm localities. In that conditions the interesting color form of this species was caught (Fig. 1).

2. 42. *Plagionotus detritus* (Linnaeus, 1758)

- Rogów, „Doliska” range, UTM: DC24, 26.V.1992, 1 ex., under thick bark of oak, leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 02.VI.1992, 1 ex., under bark of oak, leg. P. Garbaliński; 20.VI.1997, 2 exx., and 04.VII.1997, 3 exx., on *Quercus* sp., leg. j. Borowski; 15.VIII.1998, 7 exx., on lying oaks, leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 05.VII.1997, 1 ex., on dead old oak, leg. J. Borowski;

- Popień, UTM: DC23, 08.VII.2004, 1 ex., on oak, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A common species in the Rogów region, lives under thick bark of oaks. Adults occur on the timber in sunny and warm localities.

2. 43. *Xylotrechus (Xylotrechus) antilope antilope* (Schoenheer, 1817)

- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 27.VI.1992, 1 ex., Moericke’ trap, leg. J. Sawoniewicz;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 20.VI.1995, 1 ex., on oak branches, leg. J. Borowski; 20.VI.1997, 2 exx., on oak fuel timber, leg. J. Borowski;

- Rogów, dendrological garden, UTM: DC24, 18.VI.1996, 1 ex., on oak branches, leg. J. Borowski.

The commonest species occurs on oaks in the Rogów region. The imagines were collected and observed from June to September usually on lying oaks.

2. 44. *Hylotrupes bajulus* (Linnaeus, 1758)

- Rogów, UTM: DC24, VII.1971, 3 exx., leg. J. Dominik; VII.1991, 1 ex., leg. P. Garbaliński; 21.VII.2001, 1 ex., and 18.VII.2009, 1 ex., on the wall of building, leg. J. Borowski; 20.IV.2012, 1 ex., dead, indoor the building, leg. J. Borowski;

- Popień, UTM: DC23, 31.VII.1997, 1 ex., and 10.VII.1998, 1 ex., on dead spruce, leg. J. Borowski;

- Gutkowice, UTM: DC33, 07.VIII.2004, 1 ex., in the conifer forest, under bark of *Pinus banksiana* L.

For the first time in the Rogów region shown by Dominik (1966). A quite common species in the Rogów region. The imagines were found in the middle of summer, indoor of various buildings, outside the forests.

2. 45. *Glaphyra (Glaphyra) marmottani marmottani* (Brisout de Barneville, 1863)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 09.VI.1997, 4 exx., 10.IV.2005, branches of Scots pine, leg. et cult. J. Borowski.

A very rare species in the Rogów region. Adults live in the forest canopy and are very difficult for collect. 4 females of this species were reared from lying on the ground thin pine branches. The species occurred together with *Molorchus minor* (L.), *Callidium aeneum* (DeGeer) and *Ernobius mollis* (L.) (Coleoptera, Ptinidae).

2. 46. *Glaphyra (Glaphyra) umbellatarum* (Schreber, 1759)

- Rogów, dendrological garden, UTM: DC24, 26.VI.1996, 1 ex., on flowers of *Cornus* sp., leg. J. Borowski; 03.VII.2004, 1 ex., 01.VII.2005, 3 exx., and 05.VII.2009, 1 ex., on flowers of *Aruncus dioicus* (Walter), leg. J. Borowski;

- Rogów, „Górki” range, UTM: DC24, 09-15.II.1998, 3 exx., in branches of *Pyrus* L., leg. J. Borowski;

- Rogów, „Doliska” range, UTM: DC24, 10.VI.2012, 10 exx., and 29.VI.2012, 1 ex., on flowers of *Aruncus dioicus* (Walter), leg. J. Borowski.

A very common species in the Rogów region. The anthophilous imagines were collected on white flowering plants, usually in June and July. Larvae live under thin bark and in wood of dying branches of various trees and shrubs from Rosaceae family. Pupae are wintering in the pupal chambers in wood.

2. 47. *Molorchus minor minor* (Linnaeus, 1758)

- Rogów, UTM: DC24, V.1956, 5 exx., and 22.V.1957, 1 ex., leg. J. Dominik;

- Rogów, dendrological garden, UTM: DC24, 01.VI.1992, 1 ex., leg. P. Garbaliński; 30.VI.1997, 1 ex., and 02.VII.1997, 1 ex., on *Picea omorica* (Pančić), leg. J. Borowski; 29.V.1998, 1 ex., on the flowers of *Aruncus dioicus* (Walter), leg. J. Borowski; 08.IV.1999, 1 ex., branches of Norway spruce, leg. J. Borowski;

- Popień, UTM: DC23, 24.V.1995, 1 ex., on mountain ash flowers, leg. J. Borowski;

- Rogów, „Górki” range, UTM: DC24, 30.V.1995, 1 ex., on mountain ash flowers, leg. J. Borowski; 06.VI.1995, 1 ex., on Norway spruce, leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 03.VI.1999, 1 ex., on hawthorn flowers, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and next by Nunberg (1986). A common species in the Rogów area. The anthophilous imagines were collected on white flowering plants, usually in May and June. Larvae live under thin bark and in wood of dying spruces or less in other conifers.

2. 48. *Obrium brunneum* (Fabricius, 1792)

- Rogów, UTM: DC24, 15.V.2002, 4 exx., branches of *Picea pungens* Engelm., leg. et cult. J. Dominik;

- Rogów, dendrological garden, UTM: DC24, 15.II.2000, 1 ex., branches of Norway spruce, leg. et cult. J. Borowski; 21.VI.2003, 1 ex., on flowers of *Aruncus dioicus* (Walter), leg. J. Borowski;

- Rogów, „Doliska” range, UTM: DC24, 15.VI.2011, 1 ex., and 10.VI.2012, 1 ex., on flowers of *Aruncus dioicus* (Walter), leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite rare species in the Rogów region. The anthophilous imagines were collected on white flowering plants, usually in May and June. Larvae live under thin bark and in wood of dead spruces.

2. 49. *Obrium cantharinum cantharinum* (Linnaeus, 1767)

- Rogów, dendrological garden, UTM: DC24, VI.2015, 1 ex., an aspen fuel timber, leg. et cult. J. Borowski.

A very rare species in the Rogów region. The pupa of this species was collected from the aspen fuel timber; after few days the female of *O. cantharinum* was reared.

2. 50. *Acanthocinus aedilis* (Linnaeus, 1758)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 08.V.1992, 2 exx., on pine stump, leg. P. Garbaliński;

- Gutkowice, UTM: DC33, 03.IV.1999, 6 exx., on pine stumps; leg. J. Borowski;

- Rogów, UTM: DC24, 15.IV.2002, 1 ex., and 16.IV.2003, 1 ex., on the wall of building, leg. J. Borowski;

- Rogów, dendrological garden, UTM: DC24, 15.V.2003, 1 ex., on pine, leg. J. Borowski.

For the first time in the Rogów region shown by Wiackowski (1957a). A common species lives under thick bark of various pines. The adults leave the pupal chambers usually in August and winter at various places e.g. under forest litter.

2. 51. *Acanthocinus griseus* (Fabricius, 1792)

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 13.VII.1951, 1 ex., to the light, leg. M. Stuglik; 25.V.1996, 1 ex., under thin bark of Scots pine, leg. et cult. J. Borowski;

- Rogów, dendrological garden, UTM: DC24, 20-22.II.2000, 3 exx., under thin bark of *Picea pungens* Engelm., leg. J. Borowski.

A quite common species in the Rogów region. Larvae live under thin bark of spruces and pines. The pupation in wood, usually in April. The adults leave the pupal chambers in May and June.

2. 52. *Leiopus linnei* (Wallin, Nylander & Kvamme, 2009)

- Rogów, UTM: DC24, VI.1954, 4 exx., VI.1956, 1 ex., and VI. 1960, 1 ex., leg. J. Dominik; 07.VI.1972, 1 ex., 12.VI.1972, 1 ex., and 19.VI.1972, 1 ex., leg. S. Kinelski;

- Rogów, „Doliska” range, UTM: DC24, 09.VII.1995, 2 exx., on hornbeam, leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, „Zimna Woda” reserve, UTM: DC24, 01.VII.1997, 1 ex., on oak branches, leg. J. Borowski;

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 12-25.IV.1999, 5 exx., under bark of hornbeam branches, leg. J. Borowski;
- Rogów, „Górki” range, UTM: DC24, 24.VI.1997, 1 ex., on *Quercus* sp., leg. J. Borowski; 15-18.XII.1999, 4 exx., under bark of *Betula* sp., leg. et cult. J. Borowski;
- Rogów, „Zacywilki” range, UTM: DC24, 27.I.1999, 1 ex., leg. et cult. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 09.VII.2004, 1 ex., on fuel oak timber, leg. J. Borowski;
- Głuchów, UTM: DC33, 01.VII.2004, 2 exx., under bark of *Frangula alnus* Mill., leg. J. Borowski.

One of commonest longhorn beetles in the Rogów region. For the first time in the Rogów region shown by Dominik (1966) and later by Piętka (2013) under the name *L. nebulosus* (L.). The species occurs in various types of forest and lives under bark of deciduous trees, shrubs and less often conifers.

2. 53. *Leiopus nebulosus nebulosus* (Linnaeus, 1758)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 27.VI.1992, 1ex., leg. P. Garbaliński.

A very rare species in the Rogów region. All previous data on the occurrence of *L. nebulosus* in the Rogów region, please refer to *L. linnei*.

2. 54. *Agapanthia (Epoptes) villosviridescens* (DeGeer, 1775)

- Rogów, dendrological garden, UTM: DC24, 18.VI.1992, 1 ex., on herbs, leg. P. Garbaliński; 28.VI.1998, 1 ex., on *Carduus* L., leg. J. Borowski;
- Parcela-Popień, UTM: DC23, 25.VII.1997, 1 ex., a wet meadow, leg. J. Borowski.

For the first time in the Rogów region shown by Nunberg (1986). A common species in the Rogów region. Adults were collected on herbaceous plants, especially from *Carduus* L. and *Urtica* L. genera.

2. 55. *Anaesthetis testacea testacea* (Fabricius, 1781)

- Rogów, „Górki” range, UTM: DC24, 22.VII.1998, 3 exx., on thin and dead branches of *Salix caprea* L., leg. J. Borowski; X.1999, 3 exx., 19.XII.1999, 1 ex., 06.XI.2000, 2 exx., *Salix caprea* L., leg. et cult. J. Borowski.

A rare species in the Rogów region. The adults were collected and observed in July on sunny and warm localities. During the day, they sit at the bottom of thin, usually apical dead twigs, and are active in the evening and at night only. Larvae live in wood of thin and dead twigs and are resistant to lack of water.

2. 56. *Lamia textor* (Linnaeus, 1758)

In the Rogów region shown by Dominik 1966. Since that time, there is any further information considering this species. There are no specimens in the collections. Species should be considered extinct in the Rogów region.

2. 57. *Mesosa (Aplocnemia) nebulosa nebulosa* (Fabricius, 1781)

- Strzelna = Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 03.V.1954, 1 ex., leg. J. Dominik;
- Rogów, UTM: DC24, X.1957, 1 ex., in oak wood, leg. J. Dominik.

For the first time in the Rogów region shown by Dominik (1966) and later by Borowski & Kieszek (1999). A rare species in the Rogów area. The imagines live in the crowns of old oaks and are difficult to collecting. They are active at night only. Larvae live in wood of dead thicker oak branches. The easiest way to collect the imagines is to remove overwintering beetles from branches lying on the ground, which fell due to strong winds.

2. 58. *Monochamus (Monochamus) galloprovincialis* (Olivier, 1795)

- Rogów, UTM: DC24, VI.1983, 1 ex., leg. J. Dominik;
- Gutkowice, UTM: DC33, 05.IX.1997, 3 exx., and 20.VII.2013, 1 ex., on fuel pine timber, leg. J. Borowski.

A common species in the Rogów region. For the first time in the Rogów region shown by Dominik (1966). The species lives under bark and in wood of various pine species.

2. 59. *Oberea (Oberea) linearis* (Linnaeus, 1760)

- Rogów, dendrological garden, UTM: DC24, 28.VI.1997, 1 ex., on the underside of the hazel leaf, leg. J. Borowski; 02.VI.1998, 1 ex., on hazel, leg. J. Borowski;
- Rogów, „Doliska” range, UTM: DC24, 15.VI.2004, 1 ex., on the underside of the hazel leaf, leg. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 02.VI.2013, 1 ex., on hazel, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species lives in thin terminal shoots of hazel. Adults were collected and observed on the underside of the hazel leaves in June. They occur in warm and sunny localities and are very shy.

2. 60. *Oberea (Oberea) oculata* (Linnaeus, 1760)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 18.VI.1992, 1 ex., on *Salix* sp., leg. P. Garbaliński;
- Rogów, dendrological garden, UTM: DC24, 02.VII.1997, 1 ex., 07.VII.1997, 1 ex., and 20.VI.1998, 1 ex., on *Salix caprea* L.;
- Popień, UTM: DC23, 10.VII.1998, 1 ex., on *Salix* sp., leg. J. Borowski.
- Gutkowice, UTM: DC33, 20.VII.2004, 1 ex., on *Salix* sp., leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A very common species in the Rogów area. Larvae live in wood of alive branches of various willow species.

2. 61. *Oberea (Oberea) pupillata* (Gyllenhal, 1817)

- Rogów, dendrological garden, UTM: DC24, 05.VII.1997, 3 exx., on *Lonicera nigra* L., and 1 ex., on *Lonicera xylosteum* L., leg. J. Borowski; 25.VI.2011, on *Lonicera* sp., leg. J. Borowski; 28.V.1998, 1 ex., and 02.X.1998, 1 ex., in wood of *Lonicera* sp., leg. et cult. J. Borowski;
- Rogów, UTM: DC24, 06.VI.1998, near dendrological garden, 9 exx., in wood of *Lonicera* sp., leg. et cult. J. Borowski.

A quite common species occurs in the dendrological garden area only. Larvae live in wood of trunks of various shrubs of *Lonicera* L. genus.

2. 62. *Phytoecia (Phytoecia) nigricornis* (Fabricius, 1782)

- Rogów, „Górki” range, UTM: DC24, 23.V.1995, 2 exx., 30.V.1995, 2 exx., 18.VI.1997, 1 ex., 02.VI.2003, 1 ex., and 06.VI.2010, 1 ex., dry meadow, on *Solidago virgaurea* L., leg. J. Borowski.

A common species but occurs in the „Górki” range only. The adults were collected outside of forest, on warm and sunny meadow, from May to June. Larvae were observed inside the roots of *Solidago virgaurea* L.

2. 63. *Phytoecia (Phytoecia) virgula* (Charpentier, 1825)

- Gutkowice, UTM: DC33, 26.VI.1997, 1 ex., 09.V.1998, 3 exx., 29.V.1998, 1 ex., 16.V.2001, 4 exx., 30.IV.2005, 3 exx., 10.V.2009, 1 ex., on dry meadow, leg. J. Borowski;
- Głuchów, UTM: DC33, 10.V.2003, 1 ex., on *Artemisia absinthium* L., leg. J. Borowski; 09.VI.2003, 3 exx., on dry meadow, leg. J. Borowski.

A common species in the Rogów region. This xerothermic species was collected in the Spring time in environments with *Artemisia absinthium* L.

2. 64. *Exocentrus lusitanus* (Linnaeus, 1767)

- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 24.V.1997, 1 ex., 06.VI.1997, 2 exx., 10.VI.1997, 1 ex., 01.VII.1997, 1 ex., on linden fuel timber, leg. J. Borowski;
- Parcela-Popień, UTM: DC23, 01.VII.1998, 1 ex., on dead linden, leg. J. Borowski.

A common species in the Rogów region. The adults occur on dying branches of various linden species in and outside the forests.

2. 65. *Exocentrus punctipennis* (Mulsant & Guillebeau, 1856)

- Parcela-Popień, UTM: DC23, 01.VII.1999, 2 exx., on dead elm, leg. J. Borowski; 13.VI.2004, 1 ex., and 05.VII.2004, 4 exx., branches of elm, leg. et cult. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 04-10.VII.2004, 8 exx., branches of *Ulmus americana* L., leg. et cult. J. Borowski.

A quite rare species occurs on dying branches and trunks of various elm species. Larvae live under bark and in wood of elms. The species prefers sunny and warm localities.

2. 66. *Pogonocherus decoratus* (Fairmaire, 1855)

- Rogów, UTM: DC24, 08.X.1954, 1 ex., leg. M. Nunberg; VII.1965, 2 exx., leg. J. Dominik; 16.X.1965, in flight, leg. Z. Malinowski; 1991, 1 ex., P. Garbaliński; 03.IX.2001, on herbs, under pines, leg. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 30.VI-2.VII.2005, 7 exx., branches of Scots pine, leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Kinelski & Szujecki (1959) and next by Nunberg (1986). A common species lives under bark and in wood of various pines. The imagines winter in different places, usually off-site of their development.

2. 67. *Pogonocherus fasciuculatus fasciculatus* (DeGeer, 1775)

- Rogów, dendrological garden, UTM: DC24, 01.VI.1995, 1 ex., on *Picea* sp., 29.V.1997, 1 ex., on dying *Pinus banksiana* L.; 19-28.VII.1997, 4 exx., and 15.IX.1997, 1 ex., on *Picea asperata* Mats., leg. et cult. J. Borowski;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 03.V.2006, 1 ex., on pine fuel timber, leg. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and next by Rutkiewicz & al. (2013). A quite common species in the Rogów region. The species lives under bark and in wood of branches of spruces and pines.

2. 68. *Pogonocherus hispidulus* (Piller & Mitterpacher, 1783)

- Rogów, „Doliska” range, UTM: DC24, 16.IV.2010, 1 ex., on oak branches, leg. J. Borowski;
- Rogów, UTM: DC24, 29.V.2010, 15 exx., on oak branches, leg. J. Borowski.

For the first time in the Rogów region shown by Byk & al. (2013). A rare species in the Rogów area lives under thin bark and in wood of various deciduous tree species.

2. 69. *Menesia bipunctata* (Zubkov, 1829)

- Głuchów, UTM: DC33, 30-31.V.2004, 14 exx., in wood of dead *Frangula alnus* Mill., leg. et cult. J. Borowski.

A rare species in the Rogów region. The species lives on dying or dead branches and trunks of *Frangula alnus* Mill.

2. 70. *Saperda carcharias* (Linnaeus, 1758)

- Głuchów, UTM: DC33, 29.VII.1998, 5 exx., a poplar plantation, on *Populus* sp., leg. J. Borowski;
- Gutkowice, UTM: DC33, 05.VII.2005, 2 exx., on young aspen, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species in the Rogów area. The galleries of this species are more frequently observed than imagines. The adults occur on trunks and leaves of various poplar species in the middle of summer.

2. 71. *Saperda perforata* (Pallas, 1773)

- Rogów, „Doliska” range, UTM: DC24, 30.V.1995, 1 ex., 16.VI.1997, 10 exx., and 26.VI.1997, 1 ex., under bark of aspen trunk, leg. J. Borowski;
- Gutkowice, UTM: DC33, 30.III.2012, 1 ex., in wood of poplar, leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A quite common species occurs under bark and in wood of various poplar species.

2. 72. *Saperda populnea* (Linnaeus, 1758)

- Rogów, UTM: DC24, V.1956, 1 ex., 26-28.V.1958, 12 exx., and VI.1958, 1 ex., leg. J. Dominik;
- Rogów, „Zimna Woda and Wilczy Dół” range, UTM: DC24, 24.V.1992, 1 ex., and 29.V.1992, 1 ex., on aspen leaves, leg. P. Garbaliński;
- Rogów, „Górki” range, UTM: DC24, 25.I-05.II.2000, 5 exx., aspen branches, leg. et cult. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966). A common species occurs in various environments with aspens. Larvae live in wood of branches and trunks of young trees.

2. 73. *Saperda scalaris scalaris* (Linnaeus, 1758)

- Rogów, UTM: DC24, 26.V.1972, 2 exx., leg. S. Kinelski; 21.III.2012, 1 ex., in wood of alder; leg. et cult. J. Borowski;
- Rogów, dendrological garden, UTM: DC24, 18.VI.1996, 1 ex., on oak branches, leg. J. Borowski;
- Głuchów, UTM: DC33, 06.VI.2014, 1 ex., on herbs, wet meadow, leg. J. Borowski.

A quite common species in the Rogów area but always as individual specimens collected. Larvae were observed under bark and in wood of various deciduous trees e.g. *Alnus glutinosa* (L.), *Juglans regia* L., *Castanea sativa* Mill., *Quercus robur* L. and *Betula pendula* Roth.

2. 74. *Tetrops praeustus praeustus* (Linnaeus, 1758)

- Głuchów, UTM: DC33, 18.X.1997, 2 exx., in branches of *Frangula alnus* Mill., leg. et cult. J. Borowski
- Rogów, UTM: DC24, 03.V.2005, 1 ex., netting, leg. J. Borowski.

For the first time in the Rogów region shown by Dominik (1966) and later by Nunberg (1986). A common, polyphagous species. Larvae live in wood of thin branches, especially trees and shrubs from Rosaceae family. Adults were collected and observed on the underside of leaves.

2.75. *Tetrops starkii* (Chevrolat, 1859)

- Rogów, UTM: DC24, 26.VI.1998, 13 exx., on the underside of leaves of *Fraxinus* sp., leg. J. Borowski;

- Głuchów, UTM: DC33, 30.V.2004, 1 ex., on the underside of leaves of *Fraxinus* sp., leg. J. Borowski.

A quite common species in the Rogów area. Larvae live in wood of thin branches of trees from *Fraxinus* L. genus. Adults were collected and observed on the underside of leaves.

3. SPECIES INCORRECTLY DETERMINED OR LABELED

3. 1. *Ergates faber faber* (Linnaeus, 1760)

In the Rogów region shown by Wiąckowski 1957b. The author collected 2 larvae, one in a deciduous forest and one in a mixed forest. The larvae has been determined by Jan Dominik, who just started with study on larvae of longhorn beetles. Now, after personal communication, it is known that it was a mistake with larvae of *Prionus coriarius* (L.).

3. 2. *Anastrangalia sanguinolenta* (Linnaeus, 1760)

- Rogów, 10.VI.1958, 1 ex., leg. J. Dominik.

The one male of that species exists in the department's collection in Rogów. It was collected and labeled by J. Dominik. Since this time there is any further information considering this species. Probably it is erroneously labeled specimen, but in the Rogów region there are suitable habitats for *A. sanguinolenta*.

3. 3. *Etorofus pubescens* (Fabricius, 1787)

- Rogów, V.1964, 1 ex., in flight, leg. Janusz Borowski.

Boreal-mountain, rare species. The one specimen of that species collected by Janusz Borowski in the department's collection in Rogów exists. Probably, it is erroneously labeled specimen or data relate to an another location (in Poland there are 14 villages called Rogów).

3.4 . *Clytus arietis arietis* (Linnaeus, 1758)

In the Rogów region shown by Dominik 1966. Since that time, there is any further information considering this species. There are no specimens in the collections. After personal communication, it is known that it was a mistake with *Xylotrechus antilope* (Schoen.).

3. 5. *Rusticoclytus rusticus* (Linnaeus, 1758)

In the department's collection in Rogów exist two specimens labeled as below:

- Rogów, VII.1964, 1 ex., leg. Janusz Borowski;

- Rogów, 1 ex.

Probably they are erroneously labeled specimens or data relate to an another location (in Poland there are 14 villages called Rogów). Until catching new materials I delete this species from the list of longhorn beetles of the Rogów region.

3. 6. *Monochamus (Monochamus) sartor* (Fabricius, 1758)

In the Rogów region shown by Rutkiewicz & al. (2013). The information is based on one specimen which was collected in Gutkowice forest. After personal communication, it is known that it was a mistake with *M. galloprovincialis* (Oliv.).

4. CONCLUSIONS

From the Rogów region, 75 species of longhorn beetles representing approx. 39% of all species in the Polish fauna were collected. Most species collected in the 50s, 60s and 70s of the twentieth century is collecting today. However, the three species previously reported, *Pachyta quadrimaculata*, *Pronocera angusta* and *Lamia textor*, despite the use of variety traps and collecting by many entomologists and students were not caught again. The occurrence of several more new species of longhorn beetles can expect in the Rogów area e.g. *Nothorhina muricata* (Dalm.), *Acmaeops marginatus* (F.), *Axinopalpis gracilis* (Kryn.), *Ropalopus macropus* (Germ.), *Poecilium pusillum* (F.), *Rusticoclytus pantherinus* (Sav.), *Chlorophorus herbstii* (Brahm), *Mesosa curculionoides* (L.), *Pogonocherus hispidus* (L.), *Leiopus punctulatus* (Payk.), *Saperda similis* Laich., *Stenostola ferrea* (Schrank) and *Phytoecia cylindrica* (L.).

6 species from the Rogów region: *Ergates faber* (L.), *Anastrangalia sanguinolenta* (L.), *Etorofus pubescens* (F.), *Clytus arietis* (L.), *Rusticoclytus rusticus* (L.) and *Monochamus sartor* (F.) has been incorrectly reported or specimens labeled, but there are suitable habitats in the Rogów region for 3 following species: *Anastrangalia sanguinolenta*, *Clytus arietis* and *Rusticoclytus rusticus*.

Acknowledgements

We would like to thank Prof. S. Mazur, Dr. J. Sawoniewicz and Prof. A. Szujecki for the material used in this work.

References

- [1] Borowski J., Kieszek C. 1999. Ciekawsze chrząszcze (Coleoptera) odłowione w rezerwacie dębowym Zimna Woda w Rogowie. *Wiad. entomol.*, 18(2): 125-126.
- [2] 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.
- [3] Dominik J. 1966. Obserwacje nad występowaniem owadów żyjących w drewnie w lasach doświadczalnych SGGW w Rogowie. *Zesz. Nauk. SGGW, Leśn.*, 9: 103-112.
- [4] Dominik J. 1993. Uwagi o występowaniu kambio- i ksylofagicznych owadów w ostatnim czterdziestolecu w Lasach Doświadczalnych SGGW w Rogowie. *Sylwan*, 9: 77-80.

- [5] Kinelski S., Szujecki A. 1959. Materiały do poznania chrząszczy (Coleoptera) fauny krajowej. *Pol. Pismo Ent.*, 29(15): 215-250.
- [6] Löbl I., Smetana A. (ed.) 2010. *Catalogue of Palearctic Coleoptera*, Vol. 6. Stenstrup, Apollo Books, 924 pp.
- [7] Mokrzycki T. 2011. Zgrupowania saproksylicznych chrząszczy (Coleoptera) w pniakach wybranych gatunków drzew – studium porównawcze. Wydawnictwo SGGW, Warszawa, 135 pp.
- [8] 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.
- [9] Piętka J. 2013. Czynna ochrona zagrożonych grzybów nadrzewnych w lasach. Wydawnictwo SGGW, Warszawa, 188 pp.
- [10] 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.
- [11] Wiąckowski S. 1957a. Wyniki hodowli pasożytów owadów leśnych. Część I. *Pol. Pismo Ent.*, 26(21): 311-320.
- [12] Wiąckowski S. 1957b. Entomofauna pniaków sosnowych w zależności od wieku i rozmiaru pniaka. *Ekol. Pol., ser. A*, 5(3): 13-140.

(Received 29 December 2015; accepted 14 January 2016)