

# NINE NEW APIONID AND WEEVIL (COLEOPTERA: APIONIDAE, CURCULIONIDAE) SPECIES FOUND IN LITHUANIA

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## Introduction

The territory of Lithuania belongs to the zone of European mixed forests. Flora and fauna of this zone are of the transitional character. Representatives of fauna of typical northern and broad-leaved forests are available in Lithuania (Pileckis, Monsevičius, 1995). Summary of all published data concerning Lithuanian beetle fauna shows the presence of 63 species of apionids and 439 species of weevils (bark beetles) (Šablevičius, Ferenc, 1995; Tamutis, 1996, 1999, 2003; Pileckis, Monsevičius, 1997; Tamutis, Pankevičius, 2001; Tamutis, Zolubas, 2001; Ferenc *et al.*, 2002; Šablevičius, 2003; Silfverberg, 2004). These groups of beetles are studied in neighbouring countries better (Nunberg, 1954; Smreczyński, 1965–1976; Alexandrovitch *et al.*, 1996; Silfverberg, 2004). The number of apionids registered in Sweden is 84, in Denmark – 83, in Estonia – 70, while in Lithuania – only 63. Similar tendency is observed in comparison to the fauna of weevils (Table 1). The number of weevil species registered in countries situated in the same geographical latitude (e.g. Sweden and Denmark) is bigger than in Lithuania.

Table 1. Number of species of apionids and weevils (Coleoptera: Apionidae, Curculionidae) in some European countries

Family	Number of species						
	Belarus	Poland	Sweden	Denmark	Estonia	Latvia	Lithuania
Apionidae	93	104	84	83	70	64	63
Curculionidae	510	693	501	474	437	422	439

The aim of this article is to present data on species of apionids and weevils that are new for Lithuania and have been elucidated by inspecting beetle collections owned by the author and other entomologists.

## Material and Methods

The material was collected in different parts of Lithuania with a help of a net. Some of the material was collected by hand in places of hibernation by Vytautas Tamutis (V.T.), Vidmantas Monsevičius (V.M.), Aleksandras Meržijevskis (A.M.), Simonas Pileckis (S.P.), Gintaras Slavinskas (G.S.) and Paulius Zolubas (P.Z.) in 1960–2002. The nomenclature of Coleoptera follows J.F. Lawrence & A.F. Newton (1995).

## List of species

### APIONIDAE

#### *Apion ononicola* Bach, 1854

Kaun, Akademija (54°57'47"N, 23°50'34"E), meadow, 28 08 1995, 16 07 1996, 3♂ 1♀, on *Ononis arvensis* L. (V.T.).

#### *Apion affine* W. Kirby, 1808

Kaun, Gaižėnai (54°57'26"N, 23°46'27"E), dry meadow, 17 08 1998, 1♂, on *Rumex acetosa* L. (V.T.).

### CURCULIONIDAE

#### *Thryogenes scirrhosus* (Gyllenhal, 1836)

Trak, Aukštadvaris (54°39'34"N, 24°31'41"E), 28 06 1987, 1♂ (G.S.).

#### *Tychius medicaginis* C. Brisout, 1862

Kaunas, Aleksotas (54°56'53"N, 23°53'11"E), dry meadow, 17 06 2000, 1 spec. (V.T.); Kaunas, island of the Nemunas river (54°57'20"N, 23°54'40"E), dry meadow, 18 08 2002, 1 spec. (V.T.).

#### *Rhynchaenus calceatus* (Germar, 1821)

Alyt, Žuvinto Palios bog (54° 30'20"N, 23°31'30"E), 08 06 1960, 1 spec. (S.P.).

#### *Magdalis exarata* (H. Brisout de Barneville, 1862)

Kaunas (54°56'07"N, 24°01'19"E), forest's border, 29 05 1994, 1 spec. (A.M.); Vilnius, near the airport (54°42'20"N, 25°16'49"E), 30 05 2000, 1 spec., on branches of *Quercus robur* L. (V.T.).

#### *Phytobius velaris* (Gyllenhal, 1827)

Šiau, Bacaičiai (55°55'53"N, 22°56'22"E), 02 06 1979, 1 spec. (V.M.).

#### *Ceutorhynchus pectoralis* Weise, 1895

Maže, Dumaičiai (56°15'20"N, 22°04'07"E), 25 10 1990, 1 spec. (V.M.).

#### *Pityophthorus pityographus* (Ratzeburg, 1837)

Kaun, Dubravos Miškas f. (54°52'26"N, 24°03'44"E), 25 05 2002, 1 spec. (P.Z.).

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## 9 naujos Lietuvos faunos apionų ir straubliukų (Coleoptera: Apionidae, Curculionidae) rūšys

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### Santrauka

Straipsnyje nurodomos 9 naujų Lietuvos faunos apionų ir straubliukų (Coleoptera: Apionidae, Curculionidae) rūšių: *Apion ononicola* Bach, *A. affine* Kirb., *Thryogenes scirrhosus* Gyll., *Tychius medicaginis* C.Bris., *Rhynchaenus calceatus* Germ., *Magdalis exarata* H.Bris., *Phytobius velaris* Gyll., *Ceutorhynchus pectoralis* Wse., *Pityophthorus pityographus* Ratz. radvietės Lietuvoje. Duomenys gauti autoriui atlikus faunistinius tyrimus Kauno apylinkėse ir revizuojant LŽŪU Augalų apsaugos katedros rinkinius ir kitų entomologų pateiktą kolekcinę medžiagą.

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