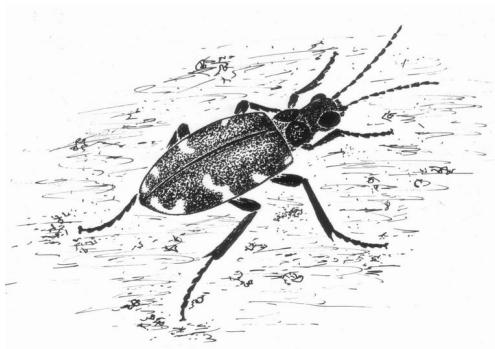


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LITHUANIAN ENTOMOLOGICAL SOCIETY

NEW AND RARE  
FOR LITHUANIA  
INSECT SPECIES  
RECORDS AND DESCRIPTIONS

Volumen 17



Vilnius, 2006



Ant viršelio / front cover – *Cicindela hybrida*  
Birutės Noreikienės piešinys / picture by Birutė Noreikienė

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NAUJOS IR RETOS LIETUVOS  
VABZDŽIŲ RŪŠYS

PRANEŠIMAI IR APRAŠYMAI

17 tomas

Vilnius, 2006

## ABBREVIATIONS USED IN THIS PUBLICATION

descr. – described	ind. – specimen	Reg. P. – regional park
det. – determined	leg. – collected	sp. – species
env. – environs	mun. – municipality	spec. – specimen
f. – forest	Nat. R. – State Strict Nature Reserve	spp. – species (plural)
fig. – figure	pr. – preserve	t. – town
for. – forestry	r. – river	tsh. – township

The issue of Lithuanian Entomological Society accepts original articles and short reports dealing with new and rare for Lithuania insect species, their taxonomy, distribution and ecology. Articles are published in Lithuanian and in English.

Lietuvos Entomologų draugijos leidinys priima originalius straipsnus ir trumpus pranešimus Lietuvos vabzdžių faunistikos, taksonomijos, paplitimo, ekologijos klausimais, didžiausių dėmesį skiriant naujoms ir retoms Lietuvos faunos rūšims. Straipsniai publikuojami lietuvių ir anglų kalbomis.

**FIVE NEW FOR THE LITHUANIAN FAUNA CRABRONID WASP SPECIES (HYMENOPTERA: APOIDEA: CRABRONIDAE)***EDUARDAS BUDRYS*

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**Introduction**

The goal of this contribution is addition of five recently found species to the check-list of Crabronidae wasps of the Lithuanian fauna (Budrys, 1992, 2001, 2005).

**Material and methods**

Wasps were collected by the author of this report using entomological net in 2000 and 2005. The material is preserved in the collection of the Institute of Ecology of Vilnius University.

**List of species*****Astata minor* Kohl, 1885**

Šalčininkai distr., Asiūklės miškas forest, N54°10'27" E25°42'08", 22 06 2005, 1♂, sandy meadow.

***Dryudella stigma* (Panzer, 1809)**

Šalčininkai distr., 1 km W Girdžiūnai, N54°10'28" E25°43'54", 13 07 2005, 1♂, sandy meadow.

Varėna distr., 3 km S Puvočiai, N54°05'22" E24°18'42", 10 07 2000, 1♀, open inland dune grassland.

***Nysson niger* Chevrier, 1868**

Šalčininkai distr., Asiūklės miškas forest, N54°10'27" E25°42'08", 22 06 2005, 1♂, sandy meadow.

***Rhopalum gracile* Wesmael, 1852**

Klaipėda distr., Lūžija botanical preserve, N55°36'00" E21°10'35", 27 07 2005, 1♂, swards on the bank of the Curonian lagoon.

***Crossocerus subulatus* (Dahlbom, 1845)**

Varėna distr., 2 km SE Puvočiai, N54°05'59" E24°19'24", 12 07 2005, 2♂, pine forest, on leaves of young Populus tremula trees.

**Discussion**

*Astata minor* is widespread in the whole Palearctic including Europe (from Spain to Finland), Northern Africa, Turkey, Central Asia and Southern Siberia up to the Primorsk region of the Russian Far East. *Dryudella stigma* is another transpalearctic species, but it has a more northern distribution and is lacking in the southern Europe (Schmidt &

Bitsch, 2001). *Rhopalum gracile* is distributed from Western Europe (Spain to Finland) to the Far East of Russia and Japan. The latter species is regarded as rare and having scattered distribution in Europe (Bitsch & Leclercq, 1993). All three species are included in the Red list of Germany, category 3 (Rote Listen, 1998); *Astata minor* is in the Red list of Sweden, category NT (Rödlistade, 2005).

*Nysson niger* is distributed from Europe (France and Italy to Finland) to Kazakhstan and China. It is considered to be uncommon and have fragmented distribution in most of European countries (Gayubo *et al.*, 1997). The species is included into the Red lists of Germany, category G: threatened but its state is unknown (Rote Listen, 1998).

*Crossocerus subulatus* seems to be distributed throughout the Palearctic: it is known from Europe, Kazakhstan, Altai, the Far East of Russia and Japan (Nemkov *et al.* 1995). However, in Europe it is considered an extremely rare relic species, earlier known only from Denmark, Sweden, Finland, Estonia and Romania (Bitsch & Leclercq 1993; Luig & Voolma, 2000).

For all five species, Lithuania is within their expected distribution area, thus their discovery has been likely here. After this supplement, the Crabronidae check-list of Lithuanian fauna contains 150 species. There are other 20–30 species of this wasp family, known from Belarus, Latvia or Poland, the occurrence of which in Lithuania is also possible.

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**Penkios naujos Lietuvos faunos žiedvapsvių (Hymenoptera: Apoidea: Crabronidae) rūšys***E. BUDRYS***Santrauka**

Pateikiami duomenys apie penkias žiedvapsvių rūšis, pirmąkart aptiktas Lietuvoje: *Astata minor* Kohl, 1885, *Dryudella stigma* (Panzer, 1809), *Nysson niger* Chevrier, 1868, *Rhopalum gracile* Wesmael, 1852 ir *Crossocerus subulatus* (Dahlbom, 1845). Kiekvienai rūšiai pateiktos sugavimo vietas, datos ir individų skaičius. *Crossocerus subulatus* laikoma labai reta, reliktine rūšimi, jos anksčiau žinomas artimiausios Lietuvai radimvietės yra Švedijoje ir Estijoje.

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