

## THREE NEW FOR LITHUANIA CRABRONID WASP SPECIES (HYMENOPTERA: APOIDEA: CRABRONIDAE)

EDUARDAS BUDRYS

Department of Zoology\* and Institute of Ecology\*\* of Vilnius University,

\*M.K.Čiurlionio g. 21/27, LT-03101 Vilnius,

\*\*Akademijos g. 2, LT-08412 Vilnius. E-mail: ebudrys@ekoi.lt

### Introduction

The faunistic data concerning apoid wasps of Lithuania were published by S.B. Gorski (1852), E. Strand (1918) and J. Wengris (1962). A checklist of 145 species belonging to the families Ampulicidae, Sphecidae and Crabronidae (Hymenoptera: Apoidea) was published recently (Budrys, 1992). Later the checklist was supplemented with five species (Budrys, 2001). The objective of this report is to add three crabronid wasp species belonging to the tribe Psenini to the checklist.

### Material and Methods

Wasps were collected by V. Jonaitis (V.J.) and E. Budrys (E.B.) using an entomological sweeping net in 1992–2003. The material is preserved in the collection of the Institute of Ecology of Vilnius University.

### List of species

#### *Mimesa bruxellensis* Bondroit, 1934

Molė, Šakimas (55°03'N, 25°28'E), 18 07 2002, 1♂ (V.J.).

#### *Mimesa lutaria* (Fabricius, 1787)

Taur, Viešvilė State Strict Nature Reserve, pine forest glade (55°10'N, 22°29'E), 12 06 1992, 2♀ (E.B.).

#### *Psen ater* (Olivier, 1792)

Šalč, Baltoji Vokė (54°28'N, 25°08'E), 16 07 2002, 1♂ (V.J.).

Elektrėnai mun., Paneriai (54°48'N, 24°56'E), 17 07 2003, 1♂ (V.J.).

### Discussion

*Mimesa bruxellensis* and *M. lutaria* are widespread in western Palearctic. These species are known from Poland (Noskiewicz, Puławski, 1960) and Estonia (Luig, 1993), therefore their occurrence in Lithuania has been expected. *Psen ater* is distributed in southern part of Palearctic region from France through Kazakhstan and south-eastern Siberia (Amur and Primorsk regions of Russia) to Korea and Japan. According to H. Dollfuss & J. Bitsch (2001), it seems to be extinct from

the British Isles and Denmark, once reported from Sweden; it is uncommon in the Central Europe including Poland (Noskiewicz, Puławski, 1960). Lithuania is one of the northernmost parts of the distribution area of this species.

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## Trys naujos Lietuvos žiedvapsvių (Hymenoptera: Apoidea: Crabronidae) rūšys

E. BUDRYS

### Santrauka

Pateikiami duomenys apie tris Psenini tribos žiedvapsvių rūšis, pirmąkart aptiktas Lietuvoje: *Mimesa bruxellensis* Bondroit, 1934, *Mimesa lutaria* (Fabricius, 1787) ir *Psen ater* (Olivier, 1792). *M. bruxellensis* ir *M. lutaria* plačiai paplitusios vakarų Palearktikoje, žinomos iš Lenkijos, Estijos ir kitų centrinės ir šiaurės Europos šalių. *P. ater* paplitusi pietinėje Palearktikoje, nuo Prancūzijos, per Kazachstaną ir pietryčių Sibirą (Rusijos Amūro ir Primorsko sritis) iki Korėjos ir Japonijos, tačiau gana reta centrinėje Europoje. Lietuvoje esančios radvietės yra vienos šiauriausių visame žinomame rūšies areale. Kiekvienai žiedvapsvių rūšiai pateikti duomenys apie sugavimo vietą, laiką ir individų skaičių.

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