

New faunistic data on the Agromyzidae (Diptera) from the West Palaearctic Region

Nová faunistická data o Agromyzidae (Diptera) ze západopalearktické oblasti

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Abstract. New faunistic records for 63 West Palaearctic species of the family Agromyzidae are given. Two species are recorded as new from Bulgaria, 16 species from Croatia, one species from Cyprus, three species from the Czech Republic, one species from Egypt, nine species from France, one species from Hungary, 15 species from Israel, one species from Jordan, 11 species from Portugal, two species from Slovakia, nine species from Switzerland and six species from Tunisia. *Phytomyza clematisella* Spencer, 1986 and *P. kurilensis* Iwasaki, 2000 are recorded from Europe for the first time.

INTRODUCTION

The distribution of many species of European Agromyzidae is still little known, especially in southern Europe. The distribution of some West Palaearctic species was mapped by Černý & Merz (2006, 2007) and this paper summarizes data from seven collections, covering faunistic records for 12 countries in central and southern Europe, North Africa and the Near East. The currently known distribution of European species is summarized in the “Fauna Europaea” database (Martinez 2007); only records for countries that are not listed in the database are therefore given in this paper.

MATERIAL AND METHODS

All specimens were identified by the author. They are deposited in the following collections:

CMBP – private collection Miroslav Barták, Praha, Czech Republic;

CMCH – private collection Miloš Černý, Halenkovice, Czech Republic;

CPGR – private collection Paul Gatt, Rabat, Malta;

MEB – Museum of East Bohemia, Hradec Králové, Czech Republic;

MHNG – Muséum d’histoire naturelle, Genève, Switzerland;

TAU – Tel Aviv University, Israel;

ZMUC – Zoological Museum, University Copenhagen, Denmark.

Genera and species are arranged alphabetically in the two subfamilies Agromyzinae and Phytomyzinae.

LIST OF SPECIES

Subfamily Agromyzinae

Agromyza luteitarsis (Rondani, 1875)

Material examined. Switzerland: Valais, Leuk Pfynwald, 625 m a.s.l., 2 ♂♂, 4.iv.2007, B. Merz leg. (MHNG, CMCH).