

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 235

Diptera: Anthomyiidae

Chiastochaeta setigera Hennig, 1953. Moravia bor., Hrubý Jeseník Mts, Velká Kotlina valley (5969), 1200 m a.s.l., 7.vii.2004, 2 ♂♂, sweeping, M. Barták lgt. Known only from the Palearctic region (Great Britain, Spanish mainland, Italian mainland, Austria and Switzerland). *Chiastochaeta* Pokorný, 1889, species lay their eggs in unripe seed-heads of *Trollius* spp. (Ferrar 1987). First record for the Czech Republic.

Chirosia similata (Tiensuu, 1839). Bohemia mer., Šumava Mts: Malá Niva (7048), 29.iv.-16.vi.1999, 1 ♂, Malaise trap, M. Barták lgt.; Boubín (7048), 1250-1350 m a.s.l., vi. 2004, 2 ♂♂, pan trap, J. Farkač lgt. Palearctic species recorded only in Great Britain, Denmark, Sweden, Finland and the Czech Republic. Larvae of this species mine the leaves of ferns (*Dryopteris* spp.) (Ferrar 1987). First records for Bohemia.

Eutrichota frigida (Zetterstedt, 1845). Bohemia mer., Vráž u Písku, wet meadow (6550), 400 m a.s.l., 2.vi.1997, 1 ♂, sweeping, M. Barták lgt. Holarctic species known from North and Central Europe (Great Britain, Germany, Switzerland, Austria, Denmark, Sweden, Finland, Latvia and North Russia), East Palearctic region and Nearctic region. First record for the Czech Republic.

Lasiomma cuneicorne (Zetterstedt, 1838). Bohemia mer., Šumava Mts, Malá Niva (7048), 29.iv.-16.vi.1999, 1 ♂, Malaise trap., M. Barták lgt. The species has been recorded from the Czech Republic, Germany, Poland, Norway, Sweden, Northwest Russia and the Nearctic region. First record for Bohemia.

Pegomya vittigera (Zetterstedt, 1838). Moravia bor., Hrubý Jeseník Mts, Velká Kotlina valley, 1200 m a.s.l., 7.vii.2004, 1 ♂, sweeping, M. Barták lgt. Known from Europe (Spain, Italy, France, Great Britain, the Netherlands, Germany, the Czech Republic, Slovakia, Norway, Sweden, Finland, Latvia, Russia) and the Nearctic region. Larvae feed on mushrooms of *Leccinum* spp. (Boletaceae) (Griffiths 1997). First record for Moravia.

Chirosia bisinuata (Tiensuu, 1939). Moravia bor., Beskydy Mts, top of Lysá hora Mt. (6476), 1323 m a.s.l., 21.v.-7.vii. 2004, 1 ♂, Malaise trap, M. Barták lgt. Known only from North Europe (Norway, Finland, Denmark and Sweden) and eastern part of the Palearctic region. First record for the Czech Republic.

Alliopsis teriolensis (Pokorný, 1893). Bohemia mer., Šumava Mts, Horská Kvilda, spruce forest (6147), 1000 m a.s.l., 17.vii.-24.vii. 1999, 1 ♂, Malaise trap, M. Barták & Š. Kubík lgt.; Moravia bor., Beskydy Mts, top of Lysá hora Mt. (6476), 1323 m a.s.l., 21.v.-7.vii.2004, 1 ♂, Malaise trap, M. Barták lgt. Known from Italy, Spain, Switzerland, Austria, Norway, Sweden, Finland, North Russia and the Nearctic region. First record for the Czech Republic.

Zaphne inuncta (Zetterstedt, 1838). Bohemia mer., Šumava Mts, Antygl, near river (6947), 27.viii.2000, 1 ♂, sweeping, M. Barták lgt. This species occurs in Great Britain, Spain, France, Italy, Germany, Poland, Slovakia, Denmark, Norway, Sweden, Finland, North Russia and the East Palearctic region. First record for the Czech Republic.

Zaphne proxima Malloch, 1920. Bohemia mer., Šumava Mts, Rokytecká slat', peat-bog (6846), 1100 m a.s.l., 27.viii.2000, 3 ♂♂, Malaise trap, M. Barták & Š. Kubík lgt. This species occurs in North and Central Europe (Great Britain, Slovakia, Norway, Sweden, Finland and North Russia), the East Palearctic region and the Nearctic region. First record for the Czech Republic.

NOTES: All specimens were identified by Olga Komzáková. Specimens are deposited in the collection of the Czech University of Agriculture in Prague. Nomenclature and distributional data follow Fauna Europaea (Michelsen 2005). List of species previously recorded from the Czech Republic and its historical parts (Bohemia, Moravia) was compiled by Komzáková (2006).

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FERRAR P. 1987: *A guide to the breeding habits and immature stages of Diptera, Cyclorrhapha. Entomograph. Vol. 8*. E. J. Brill. Scandinavian Science Press, Leiden – Copenhagen, 907 pp. – GRIFFITHS G. C. D. 1997: Anthomyiid Flies (Diptera: Anthomyiidae) of the Yukon, pp. 687-722. In: DANKS H. V. & DOWNES J. A. (eds.): *Insects of the Yukon*. Biological Survey of Canada (Terrestrial Arthropods), Ottawa, x + 1034 pp. – KOMZÁKOVÁ O. 2006: Anthomyiidae. In: JEDLIČKA L., STLOUKALOVÁ V. & KÚDELA M. (eds.): *Checklist of Diptera of the Czech Republic and Slovakia. Electronic version 1*. <http://zoology.fns.uniba.sk/diptera> (updated 5.ii.2007). – MICHELSEN V. 2005: Anthomyiidae. In: PAPE T. (ed.): *Fauna Europaea: Diptera Brachycera. Version 1.2*. <http://www.faunaeur.org>. (updated 5.ii.2007).

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