
FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 353

Coleoptera:**Hydrophilidae**

Dactylosternum abdominale (Fabricius, 1792). Bohemia centr., Loučeň (5756), 7.viii.2004, 1 spec., under rotting leaves on the muddy bank of the Nový pond in the forest; Křinec env., Chotuc hill (5756), 7.viii.2013, 1 spec., in a flooded trap with bones. Both specimens L. Ernest lgt., det. and coll. Distribution: Europe: Austria, Azores, Croatia, France, Germany, Greece, Hungary, Italy, Spain, Switzerland; Palearctic Africa: Algeria, Canary Islands, Egypt, Madeira, Tunis; Palaearctic Asia: Cyprus, Japan, Syria, Yemen; Afrotropical, Australian, Nearctic, Neotropical and Oriental Regions (Hansen 2004, Schuh et al. 2006, Lökkös 2009). In the Czech Republic reported from Moravia: Drslavice by Boukal et al. (2012). New species for Bohemia.

Cryptophagidae

Atomaria (Atomaria) lohsei Johnson et Strand, 1968. Bohemia or.: Jičín env., Mladějov (5557), iii.1977, 1 ♂, 1 ♀, sifted from nest of *Formica* sp. ants in pine forest, together with *Monotoma angusticollis* (Gyllenhal, 1827), *M. conicicollis* Aubé, 1837 (Monotomidae) and *Spavius glaber* (Gyllenhal, 1808) (Cryptophagidae), L. Ernest lgt. and coll., C. Johnson det. Bohemia centr.: Loučeň (5756), 17.vii.2006, 1 spec., caught after sunset, in flight near a pile of logs of various kinds, L. Ernest lgt., det. and coll.; Nymburk (5856), vi.1954, 1 ♀, J. Havelka lgt., L. Ernest det. and coll. Moravia bor.: Ostrava-Poruba (6174) 5.i.2008, 2 spec., in nest of *Formica* sp. ants in forest, M. Mantič lgt., L. Ernest det., coll. M. Mantič (Hlučín-Bobrovníky) and L. Ernest. Moravia centr.: Adamov (6665), viii.1972, 1 spec., V. Švihla lgt., L. Ernest det., coll. National Museum, Praha. Distribution: Czech Republic, Denmark, Great Britain, Germany, Poland, Spain and Switzerland (Johnson et al. 2007). Johnson (1993) believes that the species originated from the Iberian Peninsula and it is spreading across the rest of Europe. Reported from the Czech Republic without precise data by Johnson et al. (2007), based on the above mentioned record from Mladějov. First concrete records for the Czech Republic.

Chrysomelidae

Luperomorpha xanthodera (Fairmaire, 1888). Bohemia centr., Čáslav (6058), 9.v.2012, 8 ♂♂, 11 ♀♀, on the petals of *Laburnum × watereri* var. *Vossii*, L. Ernest lgt., det. and coll. Eastern Palaearctic species, introduced to Europe. Distribution: Europe: Austria, France, Great Britain, Germany, Hungary, Italy, the Netherlands, Switzerland; Asia: China, Korean Peninsula (Döberl 2010, Bodor 2011, Geiser 2011). It is a polyphagous species that is detrimental to ornamental plants. Del Bene & Conti (2009) reported adults attacking petals of plants from

23 genera in 19 families. The genus *Laburnum* is not included, and is probably a new host plant record. New species for the Czech Republic.

Curculionidae

Argoptochus vindobonensis Formánek, 1908. Bohemia centr., Křinec env., Chotuc hill (5756), vi.1955, 1 ♀, J. Havelka lgt., J. Fremuth det. 1967 as *Omius latirostris* Penecke, 1928, which was later synonymised with *A. vindobonensis* Formánek, coll. L. Ernest; same locality, 16.vi.2012, 1 ♀, L. Ernest lgt., det. and coll., R. Borovec revid., collected by sweeping at 11 a.m. in xerothermic location, temperature in the shade 25°C, sunny. Distribution: Austria, Czech Republic, Hungary and Slovakia (Borovec 2006b). Strejček (1993) noted its presence in Bohemia as uncertain under the generic name *Omiomima*, to which the species was transferred by Dieckman (1980). Benedikt et al. (2010) also believed this species to be unreliably documented. Borovec (2006a) transferred the species back into the genus *Argoptochus* and accepted Havelka's old record from the Czech Republic (Borovec 2006b). A second discovery of the species after 57 years from the same location is confirmed for the Czech Republic.

Sitona callosa Gyllenhal, 1834. Bohemia centr., Křinec env., Chotuc hill (5756), 6.vi.2008, 1 spec., collected from a xerothermic location, L. Ernest lgt., det. and coll. Distribution: Albania, Bosnia and Herzegovina, Bulgaria, Greece, Italy, Macedonia, Republic of Moldova, Poland, Romania, Russia, Slovakia, Spain, Ukraine, Yugoslavia (Serbia, Montenegro, Kosovo), East Palaearctic, Near East (Velazquez de Castro 2012). In the Czech Republic reported only from Moravia by Benedikt et al. (2010). According to S. Benedikt (Plzeň, pers. comm.) this species is expanding from the south. The first record for southern Moravia was in 2005. In southern Slovakia this species has been found frequently since the early 1990s. New species for Bohemia.

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BENEDIKT S., BOROVEC R., FREMUTH J., KRÁTKÝ J., SCHÖN K., SKUHROVEC J. & TRÝZNA M. 2010: Komentovaný seznam nosatcovitých brouků (Coleoptera: Curculionoidea bez Scolytinae a Platypodinae) České republiky a Slovenska. 1. díl. Systematika, faunistika, historie výzkumu nosatcovitých brouků v České republice a na Slovensku, nástin skladby, seznam. Komentáře k Anthribidae, Rhynchitidae, Attelabidae, Nanophyidae, Brachyceridae, Dryophoridae, Eirrhinidae a Curculionidae: Curculioninae, Bagoinae, Baridinae, Ceutorhynchinae, Conoderinae, Hyperinae. Commented check-list of weevils (Coleoptera: Curculionoidea excepting Scolytinae and Platypodinae) of the Czech Republic and Slovakia. (Part 1. Systematics, faunistics, history of the research of weevils in the Czech Republic and Slovakia, structure vignette, check-list. Comments to Anthribidae, Rhynchitidae, Attelabidae, Nanophyidae, Brachyceridae, Dryophoridae, Eirrhinidae and Curculionidae: Curculioninae, Bagoinae, Baridinae, Ceutorhynchinae, Conoderinae, Hyperinae. *Klapalekiana* 46 (Supplementum): 1–363 (in Czech and English). – BOROVEC R. 2006a: Taxonomic notes on the tribe Omiini, with description of one new genus and species, and with revision of genera *Anemophilus* and *Euplatus* (Coleoptera: Curculionidae: Entiminae). *Klapalekiana* 42: 1–44. – BOROVEC R. 2006b: Five new species of *Argoptochus* from Greece and Macedonia (Coleoptera: Curculionidae: Entiminae: Phyllobiini). *Klapalekiana* 42: 45–77. – BODOR J. 2011: Az ázsiai földibolha (Luperomorpha xanthodera Fairmare [sic]) megjelenése Magyarországon. [The first occurrence of a flea beetle (Luperomorpha

xanthodera Fairmare [sic] in Hungary]. *Növényvédelem* **47**(3): 115–116 (in Hungarian). – BOUKAL D. S., FIKÁČEK M., HÁJEK J., KONVIČKA O., KRIVAN V., SEJKORA R., SKALICKÝ S., STRAKA M., SYCHRA J. & TRÁVNÍČEK D. 2012: Nové a zajímavé nálezy vodních brouků z území České republiky (Coleoptera: Sphaeriusidae, Dytiscidae, Helophoridae, Hydrophilidae, Georissidae, Hydraenidae, Scirtidae, Elmidae, Dryopidae, Limnichidae, Heteroceridae). New and interesting records of water beetles from the Czech Republic (Coleoptera: Sphaeriusidae, Dytiscidae, Helophoridae, Hydrophilidae, Georissidae, Hydraenidae, Scirtidae, Elmidae, Dryopidae, Limnichidae, Heteroceridae). *Klapalekiana* **48**: 1–21 (in Czech and English). – DEL BENE G. & CONTI B. 2009: Notes on the biology and ethology of *Luperomorpha xanthodera*, a flea beetle recently introduced into Europe. *Bulletin of Insectology* **62**(1): 61–68. – DIECKMANN L. 1980: Beiträge zur Insektenfauna der DDR: Coleoptera – Curculionidae (Brachycerinae, Otiorhynchinae, Brachyderinae). *Beiträge zur Entomologie* **30**: 145–310. – DÖBERL M. 2010: Alticinae Neuman, 1835. Pp. 491–563. In: LÖBL I. & SMETANA A. (eds): *Catalogue of Palaearctic Coleoptera, Volume 6: Chrysomeloidea*. Apollo Books, Stenstrup, 924 pp. – GEISER E. 2011: Neue und bemerkenswerte Käferfunde aus dem Bundesland Salzburg (Österreich) (Coleoptera). *Koleopterologische Rundschau* **81**: 321–326. – HANSEN M. 2004: Hydrophiloidea Latreille, 1802. Pp. 36–67. In: LÖBL I. & SMETANA A. (eds): *Catalogue of Palaearctic Coleoptera, Volume 2: Hydrophiloidea – Histeroidea – Staphylinoidea*. Apollo Books, Stenstrup, 942 pp. – JOHNSON C. 1993: *Provisional atlas of the Cryptophagidae-Atomariinae (Coleoptera) of Britain and Ireland*. Biological Records Centre NERC Institute of Terrestrial Ecology, Huntingdon, 91 pp. – JOHNSON C. & BOOTH R. G. 2004: *Luperomorpha xanthodera* (Fairmaire): a new British flea beetle (Chrysomelidae) on garden centre roses. *The Coleopterist* **13**: 81–86. – JOHNSON C., OTERO J. C. & LESCHEN R. A. B. 2007: Cryptophagidae Kirby, 1837. Pp. 513–531. In: LÖBL I. & SMETANA A. (eds): *Catalogue of Palaearctic Coleoptera, Volume 4: Elateroidea, Derontoidea, Bostrichoidea, Lymexyloidea, Cleroidea, Cucujoidea*. Apollo Books, Stenstrup, 935 pp. – LÖKKÖS A. 2009: *Dactylosternum abdominale* (Coleoptera: Hydrophilidae) in Hungary. *Folia Entomologica Hungarica* **70**: 93–94. – SCHUH R., PLONSKI I. S. & BROJER M. 2006: Bemerkenswerte Käferfunde aus Österreich (XIII). *Koleopterologische Rundschau* **76**: 441–444. – STREJČEK J. 1993: Curculionidae. Pp. 135–152. In: JELÍNEK J. (ed.): Check-list of Czechoslovak Insects IV (Coleoptera). Seznam československých brouků. *Folia Heyrovskyana Supplementum* **1**: 3–172 (in English and Czech). – VELAZQUEZ de CASTRO A. 2012: Curculionidae. In: ALONZO-ZARAZAGA M. 2012: Fauna Europaea: Curculionidea. *Fauna Europaea version 2.5*, <http://www.faunaeur.org> (accessed 23 February 2013).

Ladislav ERNEST, Zahradní 2445, CZ-288 03 Nymburk, Czech Republic;
e-mail: okernest@mybox.cz