Klapalekiana, **33**: 123-127, 1997
ISSN 1210-6100

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC - 69

Coleoptera:

Haliplidae

Haliplus (Liaphlus) fulvus (Fabricius, 1801). Moravia centr.: Litovel (6268), 28.v.1958, 1 spec., Klácel lgt. and det., M. Boukal revid., coll. The Homeland Museum, Olomouc; Moravičany - Kačení louka Nature Reserve (6267), 25.iv.1994, 2 spec., 19.vi.1995, 6 spec., in a drain ditch among water vegetation, M. Boukal lgt., det. and coll. Distribution: Europe, Northern Africa, Syria, Caucasus and the Caspian region, Turkestan, Siberia to Lake Baikal area (Burmeister 1939). According to Říha (1993a) known only from Bohemia. Nevertheless, this species was already mentioned from Moravia in older literature (Klug 1855, Reitter 1870). Correction of the Check-list, occurrence confirmed in Moravia.

Dytiscidae

Bidessus minutissimus (Germar, 1824). Moravia sept., Havířov - Suchá (6176), 24.ix.1994, 50 spec., in a shallow pond among vegetation near a shore, P. Jeziorski lgt. and coll., M. Boukal det. Distributed in Western and Southern Europe, Northern Africa (Burakowski, Mroczkowski & Stefańska 1976). Mentioned from the territory of the Czech Republic in older literature (Reiter 1870, Klíma 1902, Zoufal 1921), but no collection specimens were available and thus its presence was considered dubious (Říha 1992, 1993b). The first reliable record from Moravia, occurrence confirmed in the Czech Republic.

Coelambus nigrolineatus (Steven, 1808). Moravia centr., Moravský Císařov (6570), 29.iv.1993, 11 spec., in a shallow of a small village pond with a stony bottom and very sparse shore vegetation; Moravia sept., Havířov - Suchá (6176), 15.ix.1994, 19 spec., 24.ix.1994, 24 spec., in a small pond without shore vegetation, all P. Jeziorski lgt., M. Boukal det., coll. P. Jeziorski, M. Boukal and Museum of South-Eastern Moravia, Zlín. A halophilous species occuring in Central and Eastern Europe, known from Bohemia (Říha 1992, 1993b), also mentioned from Moravia (Fleischer 1927-30) without giving any precise data. Confirmation of its occurrence in Moravia.

Coelambus parallelogramus (Ahrens, 1812). Moravia mer., Sedlec (7266), 19.viii.1995, 1 ♀, by light-trapping on a salt soil meadow nearby the Nesyt pond, M. Elsnerová & V. Elsner lgt., D. Trávníček det., coll. Museum of South-Eastern Moravia, Zlín. Partly halophilous species, occuring in Europe, Siberia, Asia Minor, North America (Schaeflein & Wewalka 1982). In the territory of former Czechoslovakia reliably known only from Slovakia (Říha 1992, 1993b), records from Bohemia and Moravia in older literature dubious (Klug 1855, Klíma 1902, Zoufal 1921). The first reliable record from Moravia, occurrence confirmed in the Czech Republic.

Laccornis oblongus (Stephens, 1835). Moravia centr., Litovelské Pomoraví Protected Landscape Area - Plané Loučky Nature Reserve (6369), 5.x.1993, 1 spec. (a torso); 27.iv.1994,

2 spec., in a flooded meadow, all M. Boukal lgt., det. and coll. A tyrphophilous species distributed in Northern and Central Europe, from England to Siberia. Not recorded from the territory of the Czech Republic for the last fifty years (Říha 1992), occurrence in Moravia dubious (Říha 1993b). These remarkable findings confirm a recent occurrence of the species in the Czech Republic; the first precise locality from Moravia.

Potamonectes elegans (Panzer, 1794). Moravia sept.: Havířov - Suchá, (6176), 3.iv.1991, 2 spec., in a small deep pond with clay bottom and high steep shores, among water vegetation *(Elodea canadensis, Ceratophylum* sp.*)*; Šenov (6276), 10.v.1991, 1 spec., in a deep drain ditch with a muddy bottom and steep shores, among water vegetation *(Elodea canadensis, Ceratophylum* sp., *Lemna minor),* all P. Jeziorski lgt., M. Boukal det., coll. P. Jeziorski and M. Boukal. Distribution: England, Western and Southern Europe, Central Europe southwards from the line Hamburg - Berlin (Schaeflein 1971). The species is known from Bohemia, records from Moravia doubtful (Říha 1993b). Occurrence confirmed in Moravia.

Agabus subtilis Erichson, 1837. Moravia mer. or., Rohatec (7169), 14.vi.1995, 3 ♂♂; 28.vi.1995, 4 ♂♂, 6 ♀♀, in a forest pool overgrown by vegetation, D. Trávníček lgt. and det. (male genitalia examined), coll. Museum of South-Eeastern Moravia, Zlín (except 1 ♂ and 1 ♀ from 28.vi. in coll. M. Boukal). A tyrphophilous species distributed in Northern and Central Europe, Siberia (Zimmermann 1934, Schaeflein 1971). Known from Bohemia (Říha 1993b), records from Moravia dubious (Fleischer 1927-30). Occurrence confirmed in Moravia.

Agabus unguicularis C. G. Thomson, 1867. Moravia centr., Kojetín (6669), 10.iii.1992, 1 ♀, in a shallow ditch on a meadow, with leaf sediments, nearly without vegetation, M. Boukal lgt. and coll., D. Trávníček det. Distribution: Central Europe, southern part of Northern Europe, also mentioned from Siberia (Burakowski, Mroczkowski & Stefańska 1976). Known from Bohemia (Říha 1993b), new species for Moravia.

Hydraenidae

Hydraena (Hydraena) morio Kiesenwetter,1849. Moravia bor. or., the Beskydy Mts., Metylovická hůrka hill (6376), 400 m a.s.l., 27.viii.1989, 1 ♂, T. Sitek lgt. and coll., D. S. Boukal det. (the following *Hydraena* species from Sitek's collection bear the same locality data: *H. pygmaea* Waterhouse, 1833, *H. saga* d'Orchymont, 1930, *H. gracilis* Germar, 1824 and *H. melas* Dalla Torre, 1877, the latter two with different date). Bohemia bor., the České středohoří Mts., Průčelská rokle gorge, Malý Ostrý hill (5350d), 420 - 440 m a.s.l., 1 ♂. The specimen fell into a pitfall trap baited with fish meat and rippen cheese that was exposed from 21.viii. to 21.x. 1995 and placed in the rock debris on a steep slope with broadleaf vegetation, close to a small stream (hypocrenal zone), J. Růžička & P. Moravec lgt., D. Trávníček det., coll. Museum of South-Eastern Moravia, Zlín. Another ♂ was collected at the same locality 6.ix. 1996, D. Trávníček lgt. and det., coll. Museum of South-Eastern Moravia, Zlín. Distribution: mountainous regions of Southern and Eastern Europe, recorded from a few sites in the southeastern part of Central Europe (Burakowski, Mroczkowski & Stefańska 1976). Ganglbauer (1904) mentioned the species from Silesia and Moravia (the Beskydy Mts.) without giving precise localities and Horion (1935) repeated the data; however, Hrbáček (1951) considered them to be incorrect. Lohse (1971) reported the species also from eastern Austria, Tirol and considered it doubtful in Bavaria and Silesia. In the former Czechoslovakia reported from Slovakia and (as doubtful) from Moravia (Říha &

Jelínek 1993a). The present records confirm the occurrence of *H. morio* in the Czech Republic; new species for Bohemia.

Hydrochidae

Hydrochus brevis (Herbst, 1793). Moravia centr., Litovelské Pomoraví Protected Landscape Area - Plané loučky Nature Reserve (6369), 27.iv.1994, 4 ♂♂, 2 ♀♀, on a flooded meadow, M. Boukal lgt., D. Trávníček det., coll. M. Boukal and Museum of South-Eeastern Moravia, Zlín. Moravia mer., Lanžhot (7367), 13.v.1994, 1 ♀, in shallows of a dead river branch among water vegetation. Moravia mer. or., Záhlinice, the Filena wetland (6770), 4.vi.1994, 1 ♀, in a pool among water vegetation, both specimens D. Trávníček lgt. and det., coll. Museum of South-Eastern Moravia, Zlín. Distributed in Central and Northern Europe (Burakowski, Mroczkowski & Stefańska 1976), occuring together with very similar *H. megaphallus* Berge, 1988 in Central Europe (Hebauer 1989). According to Říha & Jelínek (1993b) known from Bohemia and Slovakia, but already mentioned from Moravia in older literature (Klug 1855, Reitter 1870, Zoufal 1921). Correction of the Check-list and confirmation of its occurrence in Moravia.

Hydrophilidae

Helophorus (Helophorus) obscurus Mulsant, 1844. Moravia centr., Litovelské Pomoraví Protected Landscape Area, Chomoutov (6369), 23.iii.1993, 4 ♂♂, 2 ♀♀; 1.iv.1993, 1 ♂, 2 ♀♀; 26.iv.1994, 1 ♂, 1 ♀, in flooded ruts, together with *Hydroporus umbrosus* (Gyllenhal, 1808) and *Hydroporus neglectus* Schaum, 1845 in parts overgrown by *Calliergon cordifolium*. All specimens M. Boukal lgt., D. Trávníček det. (male genitalia examined), coll. M. Boukal (except 1 ♂ and 1 ♀ from 23.iii.1993 in coll. Museum of South-Eastern Moravia, Zlín). Moravia mer., Knínice (6959), 23.4.1994, 1 ♂, 1 ♀, in pools on a wet meadow, D. Trávníček lgt. and det., coll. Museum of South-Eastern Moravia, Zlín. Probably common in Central Europe, but only few data on its distribution are available, often confused with very similar *Helophorus flavipes* Fabricius, 1792 - examination of genitalia is needed. Probably prefering acid water (Lohse 1971, Burakowski, Mroczkowski & Stefanska 1976), a titanophilic species according to Klausnitzer (1984). New species for the Czech Republic.

Cercyon (Cercyon) bifenestratus Küster, 1851. Bohemia or., Džbánov (6062), 21.v.1994, 1 spec., in a rabbit hutch in rabbit manure mixed up with grass, M. Boukal lgt., det. and coll. Distribution: Central Europe, southern parts of Northern Europe (Burakowski, Mroczkowski & Stefańska 1976). Not mentioned in the Check-list (Říha & Jelínek 1993c), but recorded from the Czech Republic already by Hrbáček (1944), Karas (1977) and Táborský (1981). Correction of the Check-list.

Cryptopleurum subtile Sharp, 1884. Moravia centr., Chomoutov (6369), 30.vi.1994, 1 spec., in flight over a manured field, M. Boukal lgt., det. and coll., D. Trávníček revid. Originally described from Japan, introduced into Europe, recorded from Germany and Switzerland by Lohse (1961). Rapidly expanding in Central Europe, known from Bohemia (Karas 1977). New species for Moravia.

Enochrus (Methydrus) affinis (Thunberg, 1794). Moravia centr.: Moravičany (6267), 6.vi.1963, 1 spec; Čelechovice (6468), 9.vi.1963, 1 spec., 11.vi.1963, 3 spec., 24.vi.1961 1 spec.

All specimens Klácel lgt. and det., M. Boukal revid., coll. The Homeland Museum, Olomouc. Widely distributed in the Palaearctic region (Burakowski, Mroczkowski & Stefańska 1976), according to Říha & Jelínek (1993c) known only from Bohemia, nevertheless mentioned from Moravia in older literature (Klug 1855, Kliment 1899, Zoufal 1921). Correction of the Check-list, occurrence confirmed in Moravia.

Berosus luridus (Linnaeus, 1761). Moravia centr.: Litovel (6268), 21.v.1958, 1 spec.; Horka nad Moravou (6369), 12.x.1963, 1 spec.; Čelechovice (6468), 24.vi.1963, 2 spec. All specimens Klácel lgt. and det., M. Boukal revid., coll. The Homeland Museum, Olomouc. Moravia mer., Lanžhot (7367), 13.v.1994, 2 spec., in a shallow of a dead river branch among water vegetation, D. Trávníček lgt. and det., coll. Museum of South-Eastern Moravia, Zlín. Widespread throughout the Palaearctic region (Burakowski, Mroczkowski & Stefańska 1976), according to Říha & Jelínek (1993c) known only from Bohemia though mentioned from Moravia in older literature (Steiner 1865, Reitter 1870, Zoufal 1921). Correction of the Check-list.

Byrrhidae

Cytilus sericeus (Forster, 1771). Moravia mer. or., Zlín env. (6772), v.1940, 3 spec., A. Černý lgt. and det., D. Trávníček revid., coll. Museum of South-Eastern Moravia, Zlín. Moravia mer., Bzenec (7069), 23.v.1990, 1 spec., on a steppe among vegetation. Moravia sept., Domašov nad Bystřicí (6270), 8.vi.1995, 1 spec., on a roadside in a forest. Both specimens M. Boukal lgt., det. and coll. Distribution: Europe, Caucasus, Siberia, North America - from lowlands high to mountains (Roubal 1936, Mroczkowski 1958). Common and mentioned from Moravia in many cases (Klug 1855, Müller 1863, Reitter 1870, Zoufal 1921), omitted in the Check-list (Bílý 1993). Correction of the Check-list.

Byrrhus (Byrrhus) pilula (Linnaeus, 1758). Moravia mer. or., Zlín env. (6772), vi.1940, 3 spec., A. Černý lgt. and det., D. Trávníček revid; Moravia sept., Prostřední Bečva (6575), 21.vii.1941, 1 spec., V. Balthasar lgt. and det., D. Trávníček revid. All specimens in coll. Museum of South-Eastern Moravia, Zlín. Moravia mer.: Bzenec (7069), 23.v.1990, 1 spec., on a steppe among vegetation; Kvasice (6770), 14.v.1994, 1 spec., on a country road; Dolní Věstonice (7165), 19.v.1994, 2 spec, on a margin of a field; Moravia centr., Chomoutov (6369), 26.iv.1994, 1 spec., on a country road. All specimens M. Boukal lgt., det. and coll. Widespread throughout the Palaearctic region - Europe, Caucasus, Siberia, Japan. The most abundant species of the genus in Central Europe (Roubal 1936, Mroczkowski 1958), mentioned from Moravia many times, e.g. by Müller (1863,) Kittner (1868), Reitter (1870) and Zoufal (1921), omitted in the Check-list (Bílý 1993). Correction of the Check-list.

BÍLÝ S. 1993: Byrrhidae, p. 71. In: JELÍNEK J. (ed.): Check -list of Czechoslovak Insects IV (Coleoptera). *Fol. Heyrovskyana, Suppl.* 1: 3-172 (in English and Czech). - BURAKOWSKI B., MROCZKOWSKI M.& STEFAŃSKA J. 1976: *Coleoptera (Adephaga prócz Carabidae, Myxophaga, Polyphaga: Hydrophiloidea). Katalog Fauny Polski XXIII, Tom 4.* PWN, Warszawa, 309 pp (in Polish). - BURMEISTER F. 1939: *Biologie, Ökologie und Verbreitung der europäischen Käfer. I. Band: Adephaga.* Hans Goecke Verlag, Krefeld, 307 pp. - FLEISCHER A. 1927-30: *Přehled brouků fauny Československé republiky.* Mor. mus. zemské, Brno, 485 pp (in Czech). - GANGLBAUER L. 1904: *Die Käfer von Mitteleuropa. Vierter Band, erste Hälfte. Dermestidae, Byrrhidae, Nosodendridae, Georyssidae, Dryopidae, Heteroceridae, Hydrophilidae.* Verlag Karl Gerolds Sohn, Wien, 286 pp. - HEBAUER F. 1989: Hydrophiloidea (Palpicornia), pp. 72-92. In: LOHSE G.A. & LUCHT W.H. (eds.): *Die Käfer Mitteleuropas, Bd. 12. (1. Supplementband).* Goecke & Evers, Krefeld, 346 pp. - HORION A. 1935: *Nachtrag zur Fauna Germanica. Die Käfer des deutschen Reiches von Edmund Reitter.* Hans Goecke Verlag, Krefeld, 358 pp. - HRBÁČEK J. 1944:

1. příspěvek k poznání výskytu našich vodních brouků (Col., Haliplidae, Dytiscidae, Hydrophilidae). *Čas. Čes. Společ. Entomol.*, 41: 67-69 (in Czech). - HRBÁČEK J. 1951: Přehled druhů rodu Hydraena Kug. na území Československé republiky. (Revue des Espèces du Genre Hydraena Kug. sur le Territoire de la République Tchécoslovaque.) *Čas. Čs. Společ. Entomol.*, 48: 201-226 (in Czech, French abstr.). - KARAS V. 1977: Příspěvek k faunistice Coleopter jižních Čech. (Beitrag zur Faunistik der Käfer Süd-Böhmes - Coleoptera). *Zpr. Čs. Společ. Entomol. ČSAV,* 13: 25-29 (in Czech, German abstr.). - KITTNER T. 1868: Ergänzung des Verzeichnisses der um Boskowitz augefundenen Coleopteren. *Verh. Naturforsch. Ver. Brünn,* 6 (1867): 146-152. - KLAUSNITZER B. 1984: *Käfer im und am Wasser.* A. Ziemsen Verlag, Wittenberg Lutherstadt, 148 pp. - KLIMENT J. 1899: *Čeští brouci. Dílo o broucích Čech, Moravy a Slezska.* J. Kliment, Německý Brod, xvi + 811 pp (in Czech). - KLÍMA A. 1902: *Catalogus insectorum faunae bohemicae, VI. Die Käfer. (Coleoptera).* Verl. Gesselsch. Physiokrat., Prag, vii + 120 pp. - KLUG P. E. 1855: Verzeichniss der in der Umgebung von Olmütz vorkommenden Käfer. *Erster Jber. über die k. k. Realschule zu Olmütz:* 6-18. - LOHSE G.A. 1961: Neuheiten der deutschen Käfer-fauna VIII. *Entomol. Blätt.,* 57: 180-191. - LOHSE G.A. 1971: Hydraenidae, pp. 95-125. In: FREUDE H., HARDE K.W. & LOHSE G.A. (eds.): *Die Käfer Mitteleuropas. Bd. 3. Adephaga 2, Palpicornia, Histeroidea, Staphylinoidea 1.* Goecke & Evers, Krefeld, 365 pp. - MROCZKOWSKI M. 1958: *Klucze do oznaczania owadów Polski. Cz. XIX Chrząszcze - Coleoptera Zesz. 50-51. Otrupkowate - Byrrhidae, Nosodendridae.* PWN, Warszava, 29 pp (in Polish.) - MÜLLER J. 1863: Verzeichniss der bis jetzt in Mähren und Oesterreichisch-Schlesien aufgefundenen Coleopteren. *Verh. Naturf. Ver. Brünn,* 1 (1862): 211-245. - PICHLER J. 1885: Die Coleopteren-Fauna von Prossnitz und Umgebung. *Jber. dtsch. Landes-Oberrealschule Prossnitz*: 1-16. - REITTER E. 1870: Uebersicht der Käfer-Fauna von Mähren und Schlesien. *Verh. Naturforsch. Ver. Brünn,* 8(2) (1869): i-vii + 1-195. - ROUBAL J. 1936: *Katalog Coleopter (brouků) Slovenska a Podkarpatské Rusi. Díl II.* Uč. Společ. Šafaříkova, Bratislava, 434 pp (in Czech). - ŘÍHA P. 1992: Verzeichnis der tschechoslowakischen Arten der Familien Noteridae und Dytiscidae (Coleoptera). *Entomol. Nachrichten und Berichte,* 36: 19-28. - ŘÍHA P. 1993a: Haliplidae, p. 22. In: JELÍNEK J. (ed.): Check-list of Czechoslovak Insects IV (Coleoptera). *Fol. Heyrovskyana, Suppl.* 1: 3 - 172 (In English and Czech). - ŘÍHA P. 1993b: Dytiscidae, pp. 23-25. *Ibid.* - ŘÍHA P. & JELÍNEK J. 1993a: Hydraenidae, p. 26. *Ibid.* - ŘÍHA P. & JELÍNEK J. 1993b: Hydrochidae, p. 27. *Ibid.* - ŘÍHA P. & JELÍNEK J. 1993c: Hydrophilidae, pp. 27-28. *Ibid.* - SCHAEFLEIN H. 1971: Dytiscidae, pp. 16 - 89. In: FREUDE H., HARDE K.W. & LOHSE G.A. (eds.): *Die Käfer Mitteleuropas. Bd. 3. Adephaga 2, Palpicornia, Histeroidea, Staphylinoidea 1.* Goecke & Evers, Krefeld, 365 pp. - SCHAEFLEIN H. & WEWALKA G. 1982: *Catalogus Faunae Austriae, Teil XV. c: Coleoptera - Hygrobiidae, Haliplidae, Dytiscidae.* Verl. Österreich. Akad. Wiss., Wien, 27 pp. - STEINER E. 1865: Erster Nachtrag zu dem von Herrn Julius Müller in der Sitzung vom 10. Dezember 1862 vorgelegten Verzeichnisse der bis jetzt in Mähren und Oesterreichisch-Schlesien aufgefundenen Coleopteren. *Verh. Naturf. Ver. Brünn,* 3 (1864): 23-208. - TÁBORSKÝ I. 1981: Aquatische und semiterrestrische Käferfauna der Salzstelle Bylany bei Most (Col.: Haliplidae, Dytiscidae, Hydraenidae, Hydrophilidae - Bohemia bor. occ.). *Entomol. Nachrichten und Berichte*, 25: 65-67. - ZIMMERMANN A. 1934: *Monographie der paläarktischen Dytiscidae. V. Colymbetinae (1. Teil).* Verlag von Edm. Reitters Nachfolger Emmerich Reitter, Naturhistor. Institut und entomol. Buchhandlung, Gesondert gedruckt aus: Koleopterologische Rundschau, Bd. 20, Troppau, 78 pp. - ZOUFAL V. 1921: Fauna brouků Prostějovského okresu. *Věst. Klubu Přírodověd. v Prostějově,* 18 (1920-21): 5-21 (in Czech).

Dušan TRÁVNÍČEK, Museum of South-Eastern Moravia,
Soudní 1, CZ-762 57 Zlín, Czech Republic
David S. BOUKAL, Department of Biomathematics, Institute of Entomology,
Czech Academy of Sciences,
Branišovská 31, CZ-370 05 České Budějovice, Czech Republic
Milan BOUKAL, Department of Zoology, Faculty of Natural Sciences, Palacký University,
Tř. Svobody 26, CZ-771 46 Olomouc, Czech Republic
Petr JEZIORSKI, Department of Ecology, Faculty of Natural Sciences, Palacký University,
Tř. Svobody 26, CZ-771 46 Olomouc, Czech Republic