

New records on the distribution of some species of the family Melasidae (Coleoptera) – II.

Josef MERTLIK¹⁾, **Ivo JENIŠ**²⁾ & **Bořivoj ZBUZEK**³⁾

1) Pohřebačka 34, CZ-533 45 Opatovice nad Labem, Czech Republic
mertlik@elateridae.com

2) Náklo 342, CZ-783 32, Czech Republic
ivojenis@seznam.cz

3) Tuniská 634, CZ-160 00 Praha 6, Czech Republic
zbuzek@elateridae.com

Abstract. New distributional data concerning 9 species of the family Melasidae Leach, 1817 from Palaearctic region, in accordance with Muona (2007), are provided. *Clypeorhagus clypeatus* (Hampe, 1850) - first record for Bosnia and Herzegovina; *Dromaeolus barnabita* (A. Villa & J. B. Villa, 1838) - first record for Georgia; *Eucnemis capucina* Ahrens, 1812 - first record for Iran; *Farsus dubius* (Piller & Mitterparcher, 1783) - first records for Bosnia and Herzegovina and Bulgaria; *Hylis olexai* (Palm, 1955) - first records for Ukraine; *Isorhipis melasoides* (Laporte, 1835) - first record for Greece; *Microrhagus lepidus* Rosenhauer, 1847 - first record for Slovenia; *Microrhagus pygmaeus* (Fabricius, 1792) - first record for Syria; *Microrhagus pyrenaicus* Bonvouloir, 1872 - first record for Greece.

Key words: Distribution, Coleoptera, Melasidae, Palaearctic Region, *Clypeorhagus*, *Dromaeolus*, *Eucnemis*, *Farsus*, *Hylis*, *Isorhipis*, *Microrhagus*

***Clypeorhagus clypeatus* (Hampe, 1850)**

Specimen studied. Bosnia, without date, 6 ex., J. Obenberger leg., NM Praha coll. (Czech Republic), J. Mertlik det. 2008.

Distribution. Germany, Hungary, Latvia, Poland, Romania, Russia: Central European Territory, Slovakia, Ukraine (Muona 2007); Russia: Far East (Mertlik, Jeniš & Zbuzek 2007).

First record for Bosnia and Herzegovina.

***Dromaeolus barnabita* (A. & G.B.Villa, 1838)**

Specimen studied. Georgia, Mys Picunda cape, 2.vi.1973, 2 ex., Jan Víša leg., NM Praha coll. (Czech Republic), A. Olexa det., J. Mertlik rev. 2008.

Distribution. Algeria, Austria, Bosnia and Herzegovina, Croatia, Czech Republic, France, Germany, Hungary, Italy, Poland, Romania, Russia: Central European Territory, Slovakia, Sweden. (Muona 2007); Caucasus (Burakowski 1991; Lucht & Merkl, 1993); Turkey and Ukraine (Mertlik, Jeniš & Zbuzek 2007).

First record for Georgia.

***Eucnemis capucina* Ahrens, 1812**

Specimen studied. Iran N, prov. Gilan, 40 km E Rudabar, 1030m [3648N, 4938E], 27.-28.vi.2000, 1 ex., Petr Kabátek leg., J. Mertlik coll.

Distribution. Algeria, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Norway, Poland, Romania, Russia: Central European Territory, Russia: North European Territory, Russia: west Siberia, Slovakia, Spain, Sweden, Switzerland, The Netherlands (Muona 2007).

First record for Iran.

***Farsus dubius* (Piller & Mitterparcher, 1783)**

Specimen studied. Bosnia, 3 ex., Obenberger leg., J. Mertlik det. 2008, NM Praha coll. (Czech Republic); Herzegovina, Igar Thal, 2 ex., without date and name of collector, NM Praha coll. (Czech Republic),

Hlisenikowsky det. 1948, J. Mertlik rev. 2008; Bulgaria mer. occ., Sandanski, vii.1996, 9 ex., M. Mikát leg., J. Mertlik coll.; Bulgaria mer., Gorna Breznica, vii.1976, 3 ex., Dr. V. Blecha leg., J. Mertlik coll.; Bulgaria mer. occ., Sandanski env., Lebnica valley, 1.vi.2008, 3 larvae, in white rot on wall of cavity in *Platanus* sp., J. Mertlik leg. et coll.; Bulgaria mer. occ., Kresna, vii.1983, 1 ♀, Pacholátko leg., V. Kubáň coll. (Brno, Czech Republic), J. Vávra det. 2006; Bulgaria - Macedonia, Kresensko defile, vi.1935, 10 ex., Dr. Táborský leg., NM Praha coll. (Czech Republic), J. Mertlik det. 2008; Bulgaria mer. occ., Sandanski env., 17.vii.1986, 2 ex., M. Rejzek leg., T. Růžička det., J. Pavlíček coll. (Opočno, Czech Republic); Bulgaria mer. occ., Sandanski, 8.vii.1989, 7 ex., NM Praha coll. (Czech Republic), J. Mertlik det. 2008; Bulgaria mer. occ., Sandanski, 5.- 22.vii.1990, 1 ♂, P. Viktora leg., T. Růžička det. et coll. (Praha, Czech Republic), J. Mertlik rev. 2008; Bulgaria mer. occ., Sandanski, 5.vii.1994, 1 ex., V. Dušánek leg., J. Krátký coll. (Hradec Králové, Czech Republic), J. Vávra det. 2005, J. Mertlik rev. 2008; Bulgaria mer. occ., Sandanski env., Lebnica valley, (N41°31'32" E23°14'15"), 17.- 18.vi.2007, 2 ex., J. Pelikán leg. et coll. (Hradec Králové, Czech Republic), J. Mertlik det. 2008; Bulgaria mer. occ., Sandanski env., valley of Sandanska Bystrica, 6.vii.1995, 1 ex., M. Mikát leg., MVČ Hradec Králové coll. (Czech Republic), J. Mertlik det. 2008; Bulgaria or., Arkutino, 25.vii.1977, 9 ex., Sv. Bílý leg., NM Praha coll. (Czech Republic), J. Mertlik det. 2008; Bulgaria or., Lozenec, 12.vii.1978, Laibner leg., I. Jeniš coll.; Bulgaria or., Nesebr, 10.- 27.vii.1992, 2 ex., Habarta leg., J. Pelikán coll. (Hradec Králové, Czech Republic), J. Mertlik det. 2008; Bulgaria or., Stranža plain, vii.1934, 3 ex., Pfeffer leg., NM Praha coll. (Czech Republic), J. Mertlik det. 2008.

Distribution. Austria, Czech Republic, France, Hungary, Italy, Romania, Russia: South European Territory, Spain, "Yugoslavia" (Muona 2007); Syria, Caucasus (Burakowski 1991); Turkey (Mertlik & Platia 2008), Greece (Muona 2004).

First records for Bosnia and Herzegovina and Bulgaria.

Hylis olexai (Palm, 1955)

Specimen studied. Ukraine, Podkarpatsko, Horhany Mts., Siňak Mt., vii.1930, 1 ♀, Heyrovský leg., NM Praha coll. (Czech Republic), J. Mertlik det. 2008.

Distribution. Austria, Belgium, Bosnia and Herzegovina, Croatia, Czech Republic, Denmark, France, Germany, Great Britain, Italy, Latvia, Liechtenstein, Luxembourg, Poland, Romania, Russia: Central European Territory, Slovakia, Sweden, The Netherlands (Muona 2007); Hungary and Russia: South European Territory (Mertlik, Jeniš & Zbuzek 2007).

First record for Ukraine.

Isorhipis melasoides (Laporte, 1835)

Specimen studied. Greece, Olympos, Litochoro, 3.- 12.viii.1997, 1 ♂, René Foqué leg., J. Krátký coll. (Hradec Králové, Czech Republic), J. Vávra det. 2005, J. Mertlik rev. 2008.

Distribution. Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Hungary, Italy, Poland, Romania, Russia: Central European Territory, Slovakia, Sweden, Turkey (Muona 2007).

First record for Greece.

Microrhagus lepidus Rosenhauer, 1847

Specimen studied. Slovenia, Zdihovo, 24.vi.2002, 1 ♀, J. Prouza leg., J. Mertlik coll.

Distribution. Austria, Belarus, Belgium, Bosnia and Herzegovina, Czech Republic, Finland, France, Germany, Hungary, Italy, Latvia, Lithuania, Poland, Romania, Russia: Central European Territory, Russia: North European Territory, Slovakia, Sweden, The Netherlands (Muona 2007).

First record for Slovenia.

Microrhagus pygmaeus (Fabricius, 1792)

Specimen studied. Syria – Coastal region, Latakya env., vi.1999, 1 ♀, at light, Lada Dušánková leg., J. Mertlik coll.

Distribution. Austria, Belarus, Belgium, Bosnia and Herzegovina, Britain Isle, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Latvia, Lithuania, Italy, Poland, Norway, Romania, Russia: Central European Territory, Russia: North European Territory, Slovakia, Sweden, The Netherlands (Muona 2007); Russia: South European Territory (Roubal 1912); Alger, Ukraine (Lucht & Merkl 1993).

First record for Syria.

Microrhagus pyrenaicus Bonvouloir, 1872

Specimen studied. Greece, prov. Préveza, Neochori env., Agia Apostoli, 8.vi.2008, 1 ♀, Bořivoj Zbuzek leg. et coll., J. Mertlik det. 2008.

Distribution. Bulgaria, France, Germany.

First record for Greece.

References

- BURAKOWSKI B. 1991: Klucze do oznaczania owadów Polski, XIX, Coleoptera, 35-37: Cerophytidae, Eucnemidae, Throscidae, Lissomidae. *Polskie towarzystwo entomologiczne*, Wrocław, 91 pp. (in Poland).
- LUCHT W. & MERKL O. 1993: Diversicornia II. - Cerophytidae, Eucnemidae, Throscidae. - In: Fauna Hungariae, VIII, 3. *Akademiai Kiado*, Budapest, 34 pp.
- MERTLIK J., JENIŠ I. & ZBUZEK B. 2007: New records on the distribution of some species of the family Eucnemidae (Coleoptera). *Elateridarium* 1: 92-96.
- MERTLIK J. & PLATIA G. 2008: Catalogue of the family Cebrionidae, Elateridae, Lissomidae, Melasidae and Throscidae (Coleoptera) from Turkey. *Elateridarium*, 2: 1-40.
- MUONA J. 2004: Fauna Europaea: Eucnemidae. In ALONSO-ZARAZAGA, M. A. (eds.) (2004) Fauna Europaea: Coleoptera 1. Fauna Europaea version 1.1, <http://www.faunaeur.org>
- MUONA J. 2007: Family Eucnemidae, pp. 81-86. In LÖBL I. & SMETANA A. (eds.): *Catalogue of Palaearctic Coleoptera, Vol. 4. Elateroidea - Derodontoidea - Bostrichoidea - Lymexyloidea - Cleroidea - Cucujoidea*. Apollo Books, Stenstrup, 935 pp.
- ROUBAL J. 1912: Koleopterologické výsledky mé cesty na Kavkaz v červenci r. 1910. Quid novi de Coleopterorum Caucasi ad occidentem vergentis fauna in meo itinere Julio mense anni 1910 suscepto cognoverim. VI. Krasnaja Poljana. Eucnemidae. *Časopis České Společnosti Entomologické*, IX: 124-126 (in Czech).
- REITTER E. 1921: Bestimmungstabelle der Trixagidae, Eucnemidae, Cerophytidae und Phylloceridae der palaearktischen Fauna. *Wiener Entomologische Zeitung*, 38 (4-8): 65-90.

Picture attachment



Fig. 1. Greece, prov. Préveza, Agia Apostoli, old pastural forest - biotope of *Microrhagus pyrenaicus*.

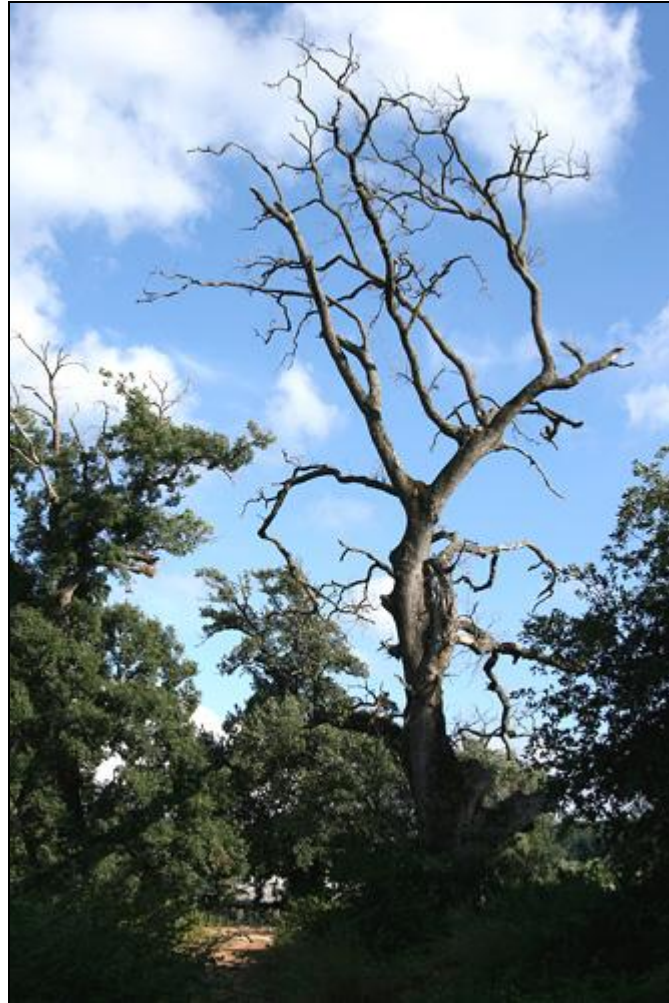


Fig. 2. Greece, prov. Préveza, Agia Apostoli , old pastoral forest - biotope of *Microrhagus pyreneus*.



Fig. 3. Bulgaria, Sandanski env., Lebnitsa valley, grove of *Platanus orientalis* L. - biotope of *Farsus dubius*.



Fig. 4. Bulgaria, Sandanski env., Lebnitsa valley, damaged *Platanus orientalis* L. - biotope of *Farsus dubius*.



Fig. 5. Syria, Latakia env., old deciduous forest - biotope of *Microrhagus pygmaeus*.
Lada Dušánková – collector.



Fig. 6. Syria, Latakia env., old deciduous forest - biotope of *Microrhagus pygmaeus*. Night hunting - at light.
Lada Dušánková and Robert Lízler – collectors.