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**DATA ABOUT CERAMBYCIDAE AND CHRYSOMELIDAE  
(COLEOPTERA: CHRYSOMELOIDEA)  
COLLECTED FROM MEDITERRANEAN EXPEDITIONS  
[Results of the “Taurus” 2005, “Focida” 2006, “Punia” 2006,  
“Atlas” 2007 and “Euphrates” 2008 expeditions]**

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Abstract. This paper presents the results of the study on the material of Cerambycidae and Chrysomelidae collected during the expeditions made by the “Grigore Antipa” National Museum of Natural History (Bucharest), between 2005-2008, in Turkey, Tunisia, Morocco and Syria. 59 species from 34 genera and 11 subfamilies are presented. One notices the occurrence of some endemic species in these areas, newly entered in the entomological collections of “Grigore Antipa” National Museum, such as: *Otiocephala maroccana* (Cobos, 1957), *Chrysolina pardoi* (Codina Padilla, 1961) and *Entomoscelis occidentalis* Escalera, 1914 – endemic species of Morocco. Also, *Lachnaia padillai* Tomov, 1982 is an endemic species of Tunisia.

Résumé. Le travail présente les résultats de l'étude sur le matériel de Cerambycidae et Chrysomelidae collecté au cours des expéditions effectuées par Muséum National d'Histoire Naturelle “Grigore Antipa” (Bucarest), entre 2005-2008, en Turquie, Tunisie, Maroc et Syrie. 59 espèces des 34 genres et 11 sous-familles sont présentées. Entre les espèces endémiques de cette région, récemment entrées dans les collections entomologiques du Muséum National “Grigore Antipa”, on remarque: *Otiocephala maroccana* (Cobos, 1957), *Chrysolina pardoi* (Codina Padilla, 1961) et *Entomoscelis occidentalis* Escalera, 1914 - espèces endémiques du Maroc et aussi *Lachnaia padillai* Tomov, 1982, espèce endémique de la Tunisie.

Key words: Cerambycidae, Chrysomelidae, Mediterranean expeditions, Turkey, Tunisia, Morocco, Syria.

INTRODUCTION

Beginning with 2005, “Grigore Antipa” National Museum of Natural History (Bucharest), in collaboration with the NGO – “Oceanic Club” Society of Oceanographical Exploration and Protection of the Marine Environment of Constanța has been carrying on studies within the project “*Romanian contributions on the Mediterranean fauna research*”, coordinated by Dr. Corneliu Pârvu. General information about this research program was published by Pârvu (2007 a).

Within these studies, some common expeditions were made, as yet: in Turkey (Expeditions “Taurus” 2005, “Focida” 2006 and “Euphrates” 2008), Tunisia (Expedition “Punia” 2006), Morocco (Expedition “Atlas” 2007) and Syria (Expedition “Euphrates” 2008).

Some of the data obtained through the study of entomological material collected in these expeditions were published by Pârvu (2007 b), Pârvu & Popescu - Mirceni (2007), Maican (2007), Pisciă & Popescu - Mirceni (2008) etc.

Information on the distribution of chrysomelids and cerambycids in different parts of the Mediterranean area was published by numerous specialists, such as: Normand (1949), Medvedev (1970), Aydin & Kismali (1990), Aslan & Özbek

(1999), Sassi & Kismali (2000), Aslan et al. (2000), Borowiec (2001), Warchałowski (1985, 2003), Gök (2003), Özdikmen & Okutaner (2006) etc.

#### MATERIAL AND METHOD

All the specimens were collected from herbaceous vegetation using an entomological net, in the following stations:

Turkey ("Taurus" Expedition, 2005):

Burdur Province, valley of Kizildere river; Çanakkale Province, at 10 km West of Küçükuyu; Çanakkale Province, at 2 km West of Küçükuyu (39°57'23''N, 26°14'51''E); Denizli Province, Koruçuk, valley of Menderes river (37°50'41''N, 29°08'29''E); Antalya, Düzlerçami, valley of Karaman river; Muğla, Ortaca, valley of Dalaman Çayı river (near to the Ortaca locality); Antalya, Patara beach; Kırklareli, Kanlı Dere, Koprusu; Çanakkale Province, at 33 km North of Eceabat; Edirne Province, Pehlivan köyü; Denizli Province, Pamukkale, Hierapolis; Denizli Province, Pamukkale (37°54'57''N, 29°07'15''E).

Turkey ("Focida" Expedition, 2006):

Denizli Province, Buharkent (37°54'45''N, 28°43'43''E); Denizli Province, Koruçuk; İzmir Province, Yenifoça, Aegean Region (38°43'51''N, 26°44'32''E); İzmir Province, Bergama, Bakir Çayı river (39°07'12''N, 27°11'27''E); Çanakkale Province, Burhanlı (40°17'27''N, 26°30'47''E); Çanakkale Province, Troy Fortress (39°57'23''N, 26°44'32''E).

Tunisia ("Punia" Expedition, 2006):

4 km East of Mides, altitude: 332 m (34°24'10''N, 07°57'12''E); Sened surroundings, altitude: 550 m (34°28'28''N, 09°15'09''E); El Haouaria, Cap Bon, altitude: 26 m (37°02'12''N, 10°59'36''E); Bulla Regia (Roman city), altitude: 163 m (36°33'24''N, 08°45'16''E); El Kef, altitude: 407 m (36°15'06''N, 08°55'27''E); Kerkennah Islands, Setnou Island (34°47'21''N, 11°15'21''E); Kerkennah Islands (34°47'00''N, 11°14'32''E); Bou Salem, near to Mejerda river, downstream; (36°34'21''N, 08°52'19''E); Hazoua Oasis (at 3 km of Algeria border); at 4 km East of Mides (33°44'46''N, 07°37'44''E); Sidi Mhammed, Nouguez, 19 km South from Nchicnia (34°25'45''N, 10°09'16''E);

Morocco ("Atlas" Expedition, 2007):

Volubilis; Cascades d'Ouzoud; Tioumliline (33°28'52''N, 005°27'58''W); Merja Zerga (Blue Lagoon) (34°52'12''N, 006°17'28''W); Mouley Idriss; Cherrat, Oued Bouznika; Cap Sin; Jmalha; Azrou; Ait Ridi.

Turkey ("Taurus" Expedition, 2008):

Kahramanmaraş Province, Kahramanmaraş, altitude: 570 m (37°39'42''N, 036°41'37''E); at 10 km from Sinop, altitude: 76 m (42°00'29''N, 034°57'35''E); Akbayr, altitude: 52 m (41°49'04''N, 034°11'12''E).

Syria ("Euphrates" Expedition, 2008):

Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), altitude: 521 m (35°34'28''N, 036°04'48''E); Kassap, altitude: 64 m (35°45'06''N, 035°53'22''E).

Bulgaria ("Euphrates" Expedition, 2008):

Tiulenova, altitude: 7 m (43°30'09''N, 28°35'26''E).

The identification of some species was made on the basis of genitalia (aedeagus for males). The nomenclature and information on the general distribution are presented according to Warchałowski (2003) for Chrysomelidae family and to

Sama (2005), Danilevsky (2007) and Hoskovec & Rejzek (2009) for Cerambycidae family.

The studied material was preserved in the “Grigore Antipa” National Museum of Natural History from București (Bucharest) collections.

Abbreviations:

Names of the collectors: Aurelian Nica - A.N.; Cătălin Stanciu - C.S.; Corneliu Pârnu - C.P.; Gabriel Blănaru - G.B.; Gabriel Chișamera - G.C.; Petre Bogdan Matei - P.B.M.; Răzvan Popescu - Mirceni - R.P.M.; Răzvan Zaharia - R.Z.; Sorin Grigore - S.G.

Is. - Island; spec./specs - specimen/specimens.

RESULTS

Until now, a number of 59 species of superfamily Chrysomeloidea were identified in the material collected in the expeditions made by the “Grigore Antipa” National Museum of Natural History in the Mediterranean area. Among them, 34 species (from 17 genera and seven subfamilies) belong to the Chrysomelidae family, and 25 species (from 17 genera and four subfamilies), belong to the Cerambycidae family.

The species and genera are presented in alphabetical order, according to subfamilies.

Family Cerambycidae

Subfamily Cerambycinae

Tribe Cerambycini

*Cerambyx nodulosus* Germar, 1817

*Material examined:* 4 specs (1 ♂, 3 ♀♀), Turkey, Burdur Province, valley of Kizildere river, 15.07.2005, G.C.

*Distribution:* South-East Europe and Near East.

*Cerambyx welensii* Küster, 1846

*Material examined:* 1 spec. (♀), Turkey, Çanakkale Province, at 10 km West of Küçükkuş, 10.07.2005, G.C.

*Distribution:* South, Central and East Europe, Near East, Caucasus, North Africa.

*Cerambyx scopoli* Füsslin, 1775

*Material examined:* 1 spec., Turkey, Kahramanmaraş 1.06.2008, A.N.; 2 specs, Turkey, at 10 km from Sinop, 3.06.2008, C.P.

*Distribution:* Europe, the Caucasus, Transcaucasia, North Africa, Near East.

Tribe Certallini

*Certallum ebulinum* (Linnaeus, 1767)

*Material examined:* 1 spec., Tunisia, Sidi Mhammed, Nougueiz, 19 km South from Nchicnia, 9.03.2006, C.P.; 1 spec., Tunisia, at 4 km East from Mides, altitude: 332 m, 16.03.2006, C.P.; 1 spec., Tunisia, Sened surroundings, altitude: 550 m, 16.03.2006, C.P.; 1 spec., Tunisia, El Haouaria, Cap Bon, altitude: 26 m,

23.03.2006, C.P.; 6 specs, Tunisia, Bulla Regia (Roman city), altitude: 163 m, 28.03.2006, C.P.; 1 spec., Tunisia, El Kef, altitude: 407 m, 29.03.2006, R.P.M.; 4 specs, Morocco, Volubilis, 29.04.2007, C.P., R.Z., P.B.M.; 1 spec., Morocco, Cascades d'Ouzoud, 27.04.2007, C.P.; 1 spec., Morocco, Tioumliline, 28.04.2007, C.P., P.B.M.

*Distribution:* Europe (Balearic Is., Canary Is., Cyprus, Dodecanese Is., European Turkey, South France, Greece, Italy, Malta, Portugal, South Russia, Spain, Ukraine), Near East, North Africa.

#### Tribe Clytini

##### *Chlorophorus aegyptiacus* (Fabricius, 1775)

*Material examined:* 4 specs, Turkey, Çanakkale Province, to 2 km West of Küçükkuuyu, 11.07.2005, C.P.; 2 specs, Turkey, Antalya, Patara beach, 18.07.2005, G.C.

*Distribution:* Balkan Peninsula (Bulgaria, Greece, Macedonia), Crete, Near East.

##### *Chlorophorus varius* (Müller, 1766)

*Material examined:* 1 spec., Turkey, Çanakkale Province, 2 km West of Küçükkuuyu, 11.07.2005, C.P.; 1 spec., Turkey, Denizli Province, Koruçuk, valley of Menderes river, 13.07.2005, G.C.; 1 spec., Turkey, Antalya, Düzlerçami, valley of Karaman river, 15.07.2005, G.C.; 3 specs, Turkey, Muğla, Ortaca, valley of Dalaman Çayı river, 18.07.2005, C.P.; 5 specs., Turkey, Antalya, Patara beach, 18.07.2005, G.C.; 1 spec., Turkey, Edirne, Pehlivan köyü, 28.07.2005, G.C.; 1 spec., Turkey, Kırklareli, Kanlı Dere, Koprusu, 29.07.2005, C.P.; 1 spec., Turkey, Buharkent, 4.08.2006, C.P.

*Distribution:* Europe except North, the Caucasus, Transcaucasia, Turkey, North Iran, Near East.

##### *Clytus rhamni* Germar, 1817

*Material examined:* 1 spec., Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), 22.05.2008, C.P.

*Distribution:* Europe, Russia, the Caucasus, North Kazakhstan, Transcaucasia, Turkey, Iran, Near East.

##### *Plagionotus bobelayei* (Brullé, 1832)

*Material examined:* 2 specs (♂, ♀), Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), 22.05.2008, C.P.

*Distribution:* Canary Is., Balkan Peninsula, Ukraine, Crimea, South Russia, Near East.

##### *Plagionotus floralis* (Pallas, 1773)

*Material examined:* 1 spec., Turkey, Kahramanmaraş, altitude: 570 m, 1.06.2008, C.P.

*Distribution:* Europe (excepting northern part), Russia, Turkey, the Caucasus, North Iran, Transcaucasia.

## Tribe Stenopterini

*Lampropterus femoratus* (Germar, 1824)

*Material examined:* 5 specs (3 ♂♂, 2 ♀♀), Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), altitude: 521 m, 22.05.2008, C.P.; 4 specs (3 ♂♂, 1 ♀), Turkey, Kahmaranmaraş, altitude: 570 m, 1.06.2008, C.P.

*Distribution:* South-East Europe, Near East.

*Stenopterus rufus syriacus* Pic, 1892

*Material examined:* 1 spec., Syria, Kassap, altitude: 64 m, 20.05.2008, C.P.; 2 specs, Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), altitude: 521 m, 22.05.2008, C.P.

*Distribution:* from South-West Turkey, to Syria and Israel (Özdikmen & Okutaner, 2006).

## Subfamily Lamiinae

## Tribe Agapanthiini

*Agapanthia annularis* (Olivier, 1795)

*Material examined:* 2 specs (1 ♂, 1 ♀), Morocco, Volubilis, 29-30.04.2007, C.P., C.S.; 1 spec. (♀), Morocco, Mouley Idriss, 1.05.2007, C.P.

*Distribution:* Europe (Spain, Portugal), North Africa.

*Agapanthia irrorata* (Fabricius, 1787)

*Material examined:* 23 specs (13 ♂♂, 10 ♀♀), Morocco, Volubilis, 1-30.04.2007, C.P., R.Z., C.S., S.G.; 6 specs. (4 ♂♂, 2 ♀♀), Morocco, Mouley Idriss, 1.05.2007, C.P.

*Distribution:* Europe (Spain, Portugal, South Italy, Sardinia), North Africa.

*Agapanthia suturalis* (Fabricius, 1787)

*Material examined:* 3 specs (1 ♂, 2 ♀♀), Tunisia, Kerkennah Islands, Setnou Island, 20-21.03.2006, C.P.; 2 specs (1 ♂, 1 ♀), Morocco, Merja Zerga (lagoon), 13.04.2007, C.P.

*Distribution:* Europe (Balearic Is., France, Malta, Portugal, San Marino, Sicily, Spain, Ukraine, South Italy, Sardinia, European Turkey), North Africa, Near East.

*Calamobius filum* (Rossi, 1790)

*Material examined:* 3 specs (1 ♂, 2 ♀♀), Morocco, Cherrat, Oued Bouznika, 15.04.2007, G.C., S.G.; 1 spec. (♂), Morocco, Volubilis, 30.04.2007, C.S.; 17 specs (12 ♂♂, 5 ♀♀), Turkey, Kahmaranmaraş, 570 m altitude, 1.06.2008, C.P., G.B.; 4 specs (♂♂), Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), 521 m altitude, 22.05.2008, C.P.

*Distribution:* Central, South-western and South Europe, North Africa, Caucasus, Turkey.

## Tribe Monochamini

*Monochamus galloprovincialis* (Olivier, 1795)

*Material examined:* 1 spec. (♂), Turkey, Kahmaranmaraş, 1.06.2008, A.N.

*Distribution:* Europe (Balearic Is., Corsica, Crete, France, Italy, Portugal, Spain), North Africa.

## Tribe Phytoeciini

*Opsilia coerulescens coerulescens* (Scopoli, 1763)

*Material examined:* 1 spec., Tunisia, Bulla Regia, 28.03.2006, C.P.; 1 spec., Morocco, Merja Zerga, 12.04.2007, C.P.; 4 specs, Morocco, Tioumliline, 28.04.2007, C.P.; 1 spec., Morocco, Volubilis, 29.04.2007, P.B.M.; 1 spec., Morocco, Mouley Idriss, 1.05.2007, C.P.

*Distribution:* Europe, North Africa, Near East.

*Opsilia molybdaena* (Dalman, 1817)

*Material examined:* 1 spec., Morocco, Cherrat, Oued Bouznika, 15.04.2007, C.S.; 2 specs, Morocco, Volubilis, 29.04.2007, C.P.; 1 spec., Morocco, Jmalha, 5.05.2007, C.P.

*Distribution:* Central, South and South-East Europe, East Palaearctic, North Africa, Near East.

*Phytoecia erythrocnema* Lucas, 1846

*Material examined:* 1 spec., Morocco, Cascades d'Ouzoud, 27.04.2007, G.C.; 5 specs, Morocco, Volubilis, 30.04.2007, C.P.

*Distribution:* Europe (France, Portugal, Spain), North Africa.

## Subfamily Lepturinae

## Tribe Lepturini

*Pachytodes erraticus* (Dalman, 1817)

*Material examined:* 1 spec., Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), 521 m altitude, 22.05.2008, C.P.

*Distribution:* Central and South Europe, the Caucasus, North Iran, Turkey.

*Pseudovadonia livida* (Fabricius, 1776)

*Material examined:* 1 spec., Syria, Jobeth Birghal, at 4 km South of the Citadel Salah Ed-Din (Saladin), 521 m altitude, 22.05.2008, C.P.

*Distribution:* Europe, Russia, the Caucasus, Turkey, Iran.

*Stenurella melanura* (Linnaeus, 1758)

*Material examined:* 3 specs (1 ♂, 2 ♀♀), Turkey, Kahmaranmaraş, 570 m altitude, 1.06.2008, C.P., G.B.

*Distribution:* Europe, Russia, the Caucasus, Turkey, Iran.

*Stenurella septempunctata* (Fabricius, 1792)

*Material examined:* 1 spec. (♂), Turkey, Akbayr, 52 m altitude, 3.06.2008, G.B.; 1 spec. (♂), Turkey, at 10 km of Sinop, 3.06.2008, P.B.M.

*Distribution:* Central and South East Europe, the Caucasus, Turkey, Iran.

## Subfamily Prioninae

*Aegosoma scabricorne* (Scopoli, 1763)

*Material examined:* 1 spec. (♀), Turkey, Kırklareli Province, Kanlı Dere, Koprusu, 29.07.2005, C.P.

*Distribution:* Europe (Albania, Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Corsica, Crete, Croatia, Czech Republic, Turkey, France, Germany, Greece, Hungary, Italy, Macedonia, Romania, Russia South, Sardinia, Sicily, Slovakia, Slovenia, Switzerland, Ukraine), Near East.

*Prionus coriarius* (Linnaeus, 1758)

*Material examined:* 1 spec. (♂), Turkey, Çanakkale Province, at 10 km West of Küçükkuşu, 10.07.2005, G.C.

*Distribution:* Europe, Near East, North Africa.

## Family Chrysomelidae

## Subfamily Criocerinae Latreille, 1807

*Oulema melanopus* (Linnaeus, 1758)

*Material examined:* 3 specs, Tunisia, Bou Salem, near to Mejerda river (downstream), 27.03.2006, C.P. (Maican, 2007); 3 specs, Morocco, Ait Ridi, 23.04.2007, C.S.; 6 specs, Turkey, Kahramanmaraş Province, Kahramanmaraş, 1.06.2008, G.B., C.P.

*Distribution:* West-Palaeartic species, distributed from Morocco, Ireland and southern Norway to Near East, Central Siberia and Mongolia.

*Oulema hoffmannseggii* (Lacordaire, 1845)

(*Lema purpuricollis* Reiche, 1861)

*Material examined:* 3 specs, Tunisia, Bou Salem, near to Mejerda river (downstream), 27.03.2006, C.P. (Maican, 2007).

*Distribution:* West-Mediterranean species, distributed in southern France, Iberian Peninsula, Morocco, Algeria.

## Subfamily Clytrinae Kirby, 1837

*Clytra atraphaxidis* (Pallas, 1773)

*Material examined:* 2 specs, Turkey, Denizli Province, Pamukkale, Hierapolis Fortress, 13.07.2005, C.P.; 2 specs, Turkey, Aydın Province, Bergama, 24.07.2005, C.P. (Maican, 2007).

*Distribution:* distributed from Spain, Corsica, Sicily, southern Italy and Greece to Central Asia, Mongolia and Korea.

*Coptocephala gebleri* Gebler, 1841

*Material examined:* 2 specs (♂♂), Bulgaria, Kaliakra Cape, 29.07.2005, G.C.; 10 specs, Turkey, Çanakkale Province, Troy Fortress, 7.08.2006, C.P. (Maican, 2007).

*Distribution:* Balkan Peninsula, Asia Minor, Crimea, the Caucasus, Iran, Central Asia, South-western Siberia, Altai Mountains.

*Coptocephala unifasciata destinoi* Fairmaire, 1884

(*Coptocephala destinoi* Fairmaire, 1884)

*Material examined:* 9 specs, Turkey, Çanakkale Province, at 33 km North of Eceabat, 28.07.2005, C.P.; 14 specs, Turkey, Edirne Province, Pehlivan köyü, 28.07.2005, G.C., C.P.; 2 specs, Turkey, Çanakkale Province, at 10 km West of Küçükuyu, 10.07.2005, C.P.; 9 specs, Turkey, Çanakkale Province, at 2 km West of Küçükuyu, 11.07.2005, C.P.; 2 specs, Turkey, Çanakkale Province, Burhanlı, 7.08.2006, C.P. (Maican, 2007).

*Distribution:* *Coptocephala unifasciata* s. str. – Central and western Europe; ab. *phenax* Jacobson – East-European form; ssp. *destinoi* Fairmaire – the eastern part of the Mediterranean area, Asia Minor, South-western Asia; ssp. *australis* Medvedev – Central Asia.

*Labidostomis (Chlorostola) hordei* (Fabricius, 1787)

*Material examined:* 3 specs (♂♂), Morocco, Cap Sin, 16.04.2007, R.Z.; 5 specs (♂♂), Morocco, Volubilis, 30.04.2007, C.P. The specimens analyzed belong to ab. *atropurpurea* Baguena, 1960.

*Distribution:* Morocco, Portugal, southern Spain.

Warchałowski (1985) in “Revision der Gattung *Labidostomis*” mentioned this species from Morocco: Tanger, Er-Ribât, Sidi-Slimane, 11.04.1965, 3 ♂♂, 1 ♀; Jorf-el-Amar, 13.04.1965, 11 ♂♂, 14 ♀♀; Meknès Province, Mittleres Atlas Mountains, Ifran, 20.08.1963, 1 ♂, 2 ♀♀.

*Labidostomis* (s. str.) *taxicornis* (Fabricius, 1792)

*Material examined:* 13 specs, Morocco, Volubilis, 1.04.2007, 29-30.04.2007, R.Z., C.S., G.C., C.P.; 1 spec. (♂), Morocco, Mouley Idriss, 1.05.2007, C.P.

*Distribution:* western part of Mediterranean subregion.

*Lachnaia (Barathraea) octomaculata* (Pic, 1895)

*Material examined:* 2 specs, Morocco, Volubilis, 30.04.2007, C.P.

*Distribution:* Morocco, Algeria.

*Lachnaia (Barathraea) padillai* Tomov, 1982

*Material examined:* 8 specs, Tunisia, Bulla Regia, 28.03.2006, C.P., R.Z. (Maican, 2007).

*Distribution:* endemic species of Tunisia.

*Lachnaia paradoxa* (Olivier, 1808)

*Material examined:* 2 specs (1 ♂, 1 ♀), Morocco, Volubilis, 30.04.2007, C.P., C.S.; 1 spec. (♂), Morocco, Mouley Idriss, 01.05.2007, R.P.M. The specimens analyzed belong to ab. *vicina* Lacordaire, 1848 (with three spots on elytron).

*Distribution:* Algeria, Morocco, southern Spain.

*Lachnaia puncticollis* Chevrolat, 1840

*Material examined:* 8 specs, Morocco, Volubilis, 30.04.2007, C.P.; 1 spec. (♂), Morocco, Cascades d'Ouzoud, 27.04.2007, S.G.

*Distribution:* southern France, Iberian Peninsula, Morocco, Algeria.

*Otiocephala maroccana* (Cobos, 1957)

*Material examined:* 1 spec. (♂), Morocco, Azrou, 28.04.2007, C.P.

*Distribution:* endemic species of Morocco.

*Otiocephala quadrinotata* (Fabricius, 1787)

*Material examined:* 1 spec. (♂), Morocco, Volubilis, 1.04.2007, C.S.

*Distribution:* Morocco, Algeria.

*Tituboea macropus* (Illiger, 1800)

*Material examined:* 1 spec., Turkey, Kahmaranmaraş Province, Kahmaranmaraş, 1.06.2008, C.P.

*Distribution:* South-eastern Europe and Asia Minor, from Austria and Albania to basin of Volga and Caucasus.

*Tituboea sexmaculata* (Fabricius, 1781)

*Material examined:* 1 spec., Morocco, Ait Ridi, 23.04.2007, C.S.; 3 specs, Morocco, Volubilis, 29-30.04.2007, C.P., C.S., R.Z.

*Distribution:* Mediterranean species, distributed from North-western Africa, Iberian Peninsula and southern France to Asia Minor, Syria and northern Iran.

## Subfamily Cryptocephalinae Gyllenhal, 1813

*Cryptocephalus fulvus* (Goeze, 1777)

(*Cryptocephalus minutus* Fabricius, 1792)

*Material examined:* 1 spec. (♂), Turkey, Denizli Province, Buharkent, Menderes river, 4.08.2006, A.S.; ab. *weiseanus* Breit, 1918 - 3 specs, Turkey, Kirklareli Province, Kanli Dere, Koprusu, 29.07.2005, C.P.; ab. *weiseanus* Breit, 1918 - 1 spec., Turkey, Edirne Province, Pehlivan köyü, 28.07.2005, G.C.; 2 specs, Turkey, Denizli Province, Koruçuk, 3.08.2006, R.B.; ab. *weiseanus* Breit, 1918 - 2 specs, Turkey, Izmir Province, Yenifoça, Aegean Region, 5.08.2006, C.P.; 2 specs, Turkey, Edirne Province, Pehlivan köyü, 28.07.2005, leg. C.P.; 1 spec., Turkey, Çanakkale Province, at 2 km West of Küçük kuyu, 11.07.2005, C.P.; 3 specs, Turkey, Edirne Province, Pehlivan köyü, 28.07.2005, G.C., C.P.; 1 spec., Turkey, Izmir Province, Bergama, Bakir Çayı river, 1.08.2006, S.G.; 1 spec. (♂), Turkey, Çanakkale Province, Troy Fortress, 7.08.2006, C.P. (Maican, 2007).

*Distribution*: widely distributed Palaearctic species (Europe, the Caucasus, Israel, Jordan, Saudi Arabia, western Siberia, northern Africa, Turkey).

*Cryptocephalus rugicollis* Olivier, 1791

(*Cryptocephalus virgatus* Suffrian, 1847)

*Material examined*: 33 specs, Tunisia, Hazoua Oasis (at 3 km of Algeria border), 17.03.2006, C.P., R.Z. (Maican, 2007); 2 specs, Morocco, Merja Zergha, 12-13.04.2007, C.P.; 12 specs, Morocco, Volubilis, 29-30.04.2007, C.P., C.S.; 7 specs, Morocco, Tioumliline, 28.04.2007, P.B.M., C.P.

*C. rugicollis* ab. *humeralis* Fabricius, 1801: 2 specs, Morocco, Mouley Idriss, 1.05.2007, C.P.; 3 specs, Morocco, Volubilis, 29.04.2007, P.B.M.

*C. rugicollis* ab. *vasquezi* Pic, 1911, 1 spec., Morocco, Tioumliline, 28.04.2007, C.P.

*Distribution*: a very common species in western part of Mediterranean area, distributed from Morocco and Portugal to North-eastern Italy.

Subfamily Chrysomelinae Latreille, 1802

*Chrysolina (Taeniochrysea) americana* (Linnaeus, 1758)

*Material examined*: 1 spec. (♂), Morocco, Cherrat, Oued Bouznika, 15.04.2007, C.P.

*Distribution*: whole basin of Mediterranean Sea, but it was recorded in southern England. A pest mainly of *Rosmarinus officinalis*, *Lavandula* sp., *Thymus* sp., other Lamiaceae.

*Chrysolina (Sulcicollis) chalcites* (Germar, 1824)

*Material examined*: 3 specs, Bulgaria, Tiulenova, 4.06.2008, C.P.

*Distribution*: South-eastern Europe (Balkan Peninsula, basin of the Danube, southern Ukraine, southern Russia), Caucasian countries, Asia Minor, Near East, Central Asia.

*Chrysolina (Synerga) coerulans* (Scriba, 1791)

(*Chrysomela violacea* Panzer, 1797, nec Goeze, 1777)

*Material examined*: 6 specs, Turkey, Izmir Province, Bergama, Bakir Çayı river, 1.08.2006, C.P., S.G. (Maican, 2007).

*Distribution*: distributed from central France, Balkan Peninsula, northern parts of Germany and Poland to Central Asia.

*Chrysolina (Palaeosticta) numida* (Reiche, 1864)

*Material examined*: 1 spec. (♂), Morocco, Le Rif, Aknoul, 02.04.2007, C.P.

*Distribution*: Morocco, western Algeria.

*Chrysolina (Palaeosticta) pardoi* (Codina Padilla, 1961)

*Material examined*: 2 specs, Morocco, Jmalha, 5.05.2007, G.C.

*Distribution*: endemic species in Morocco.

*Chrysolina (Synerga) viridana* (Küster, 1844)

*Material examined:* 4 specs (1 ♂, 3 ♀♀), Tunisia, Bulla Regia, 28.03.2006, C.P. (Maican, 2007).

*Distribution:* northern Africa, southern Spain, Corsica, Sardinia, Sicily, southern Italy.

*Entomoscelis occidentalis* Escalera, 1914

*Material examined:* 1 spec., Morocco, Volubilis, 29.04.2007, C.S.

*Distribution:* endemic species of Morocco.

*Entomoscelis rumicis* (Fabricius, 1887)

*Material examined:* 5 specs, Morocco, Cap Sin, 16.04.2007, R.Z.

*Distribution:* southern Spain, northern Africa.

*Gastrophysa polygoni* (Linnaeus, 1758)

(*Chrysomela obtusa* Müller, 1776)

*Material examined:* 1 spec., Turkey, Edirne Province, Pehlivan köy, 28.07.2005, C.P.; 4 specs, Turkey, Denizli Province, Buharkent, 4.08.2006, C.P.; 11 specs, Turkey, Denizli Province, Koruçuk, 3.08.2006, R.Z., S.G. (Maican, 2007).

*Distribution:* Europe, Asia Minor, Caucasian countries, Central Asia.

*Gonioctena (Spartoxena) irrorata* Weise, 1891

*Material examined:* 1 spec. (♂), Morocco, Cascades d'Ouzoud, 24.04.2007, C.S.

*Distribution:* North-western Africa, from Morocco, Algeria to Tunisia.

## Subfamily Galerucinae Latreille, 1802

*Diorhabda elongata* ab. *carinata* Faldermann, 1837

(*Galeruca elongata* Brullé, 1832)

*Material examined:* 4 specs, Tunisia, at 4 km East of Mides, 16.03.2006, C.P., G.C. (Maican, 2007).

*Distribution:* distributed in whole basin of Mediterranean Sea, Asia Minor, Caucasian countries, Central Asia, Mongolia.

*Exosoma lusitanicum* (Linnaeus, 1767)

*Material examined:* 1 spec. (♀), Morocco, Volubilis, 1.04.2007, R.Z.

*Distribution:* France, Italy, Iberian Peninsula, Morocco, Algeria, Tunisia.

*Xanthogaleruca luteola* (Müller, 1766)

(*Chrysomela xanthomelaena* Schrank, 1781)

*Material examined:* 1 spec., Turkey, Muğla Province, Dalaman Çayı river (near to the Ortaca locality), 18.07.2005, C.P. (Maican, 2007).

*Distribution*: distributed from Portugal, western France and Denmark to Caucasian countries and Central Asia.

Subfamily Halticinae Newman, 1834

*Chaetocnema chlorophana* (Duftschmid, 1825)

*Material examined*: 1 spec. (♀), Morocco, Merja Zerga, 13.04.2007, R.P.M.

*Distribution*: Mediterranean area, southern part of Europe, Belgium, basin of the Danube, Ukraine, Asia Minor, Caucasian countries, Near East.

*Chaetocnema coyei* (Allard, 1863)

(*Plectroscelis coyei* Allard, 1863; *Chaetocnema delagrangi* Pic, 1909)

*Material examined*: 4 specs, Turkey, Izmir Province, Yenifoça (Aegean Region), 5.08.2006, C.P. (Maican, 2007); 2 specs, Turkey, Kahmaranmaraş Province, Kahmaranmaraş, 1.06.2008, G.B.

*Distribution*: distributed in Balkan Peninsula, southern Russia, Cyprus, Asia Minor, Eastern Mediterranean, Caucasus, Iraq, Iran.

*Chaetocnema hortensis* (Geoffroy, 1785)

(*Altica hortensis* Geoffroy, 1785; *Galeruca aridella* Paykull, 1799)

*Material examined*: 1 spec. (♂), Turkey, Edirne Province, Pehlivan köy, 28.07.2005, C.P. (Maican, 2007).

*Distribution*: Palearctic species, widely distributed from Azores and England to Far East. Reported also from Sudan.

Subfamily Hispinae Gyllenhal, 1813

*Dicladispa testacea* (Linnaeus, 1767)

*Material examined*: 1 spec., Turkey, Kahmaranmaraş Province, Kahmaranmaraş, 1.06.2008, C.P.

*Distribution*: Mediterranean area, North to Bulgaria.

In the material examined, among the Cerambycidae and Chrysomelidae species with distribution in the Mediterranean area, were found the following species: *Chlorophorus aegyptiacus*, *Stenopterus rufus syriacus*, *Agapanthia annularis*, *A. irrorata*, *Monochamus galloprovincialis*, *Phytoecia erythrocnema*, *Oulema hoffmannseggii*, *Labidostomis taxicornis*, *L. hordei*, *L. paradoxa*, *L. puncticollis*, *Tituboea sexmaculata*, *Cryptocephalus rugicollis*, *Chrysolina numida*, *C. pardoi*, *C. viridana*, *Entomoscelis rumicis*, *Gonioctena irrorata*, *Exosoma lusitanicum* and *Dicladispa testacea*.

*Otiocephala maroccana*, *Chrysolina pardoi* and *Entomoscelis occidentalis* are endemic species for the Maroc fauna and *Lachnaia padillai* is an endemic of Tunisia.

*Lachnaia octomaculata*, *Otiocephala quadrinotata* and *Chrysolina numida* are distributed only in Morocco and Algeria.

DATE ASUPRA CERAMBICIDELOR ȘI CRISOMELIDELOR (COLEOPTERA:  
CHRYSOMELOIDEA) COLECTATE ÎN EXPEDIȚII MEDITERANEENE  
[Rezultatele expedițiilor "Taurus" 2005, "Focida" 2006, "Punia" 2006, "Atlas" 2007  
și "Euphrates" 2008]

## REZUMAT

În lucrare sunt prezentate rezultatele studiului materialului de cerambicide și crisomelide colectat în cursul expedițiilor efectuate de Muzeul Național de Istorie Naturală "Grigore Antipa" (București) și Societatea de Explorări Oceanografice și Protecție a Mediului Marin "Oceanic Club" (Constanța) în Turcia, Tunisia, Maroc și Siria. Cercetările au fost realizate în perioada 2005-2008, în cadrul proiectului "Contribuții românești la cercetarea faunei mediteraneene".

Sunt enumerate 59 specii, încadrate în 34 genuri, din 11 subfamilii.

Dintre speciile cu răspândire tipic mediteraneană menționăm: *Chlorophorus aegyptiacus*, *Stenopterus rufus syriacus*, *Agapanthia annularis*, *A. irrorata*, *Monochamus galloprovincialis*, *Phytoecia erythrocnema*, *Oulema hoffmannseggii*, *Labidostomis taxicornis*, *L. hordei*, *Lachnaia paradoxa*, *L. puncticollis*, *Tituboea sexmaculata*, *Cryptocephalus rugicollis*, *Chrysolina viridana*, *C. numida*, *Gonioctena irrorata*, *Entomoscelis occidentalis*, *E. rumicis*, *Exosoma lusitanicum* și *Dicladyspa testacea*.

*Otiocephala maroccana*, *Chrysolina pardoi* și *Entomoscelis occidentalis* sunt specii endemice în Maroc, iar *Lachnaia padillai* este un endemit al faunei tunisiene.

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