

## LEAF BEETLES (COLEOPTERA: CHRYSOMELOIDEA, CHRYSOMELIDAE) PRESERVED IN THE PATRIMONY OF THE OLTENIA MUSEUM CRAIOVA

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**Abstract.** The paper presents new data referring to the presence of leaf beetles species (Chrysomelidae family) in the Oltenia region, based on the study of the material preserved in the entomological collections of the Department of Natural Sciences from Oltenia Museum Craiova. 53 species of 23 genera, belonging to 6 subfamilies are listed. The material examined was collected from 37 sites. 18 species are new mentions for these collections.

**Keywords:** Coleoptera, Chrysomelidae, collections, Oltenia Museum Craiova.

**Rezumat. Crisomelide (Coleoptera: Chrysomeloidea, Chrysomelidae) conservate în patrimoniul Muzeului Olteniei Craiova.** Lucrarea prezintă date noi referitoare la prezența speciilor de crisomelide în regiunea Oltenia, pe baza studiului materialului conservat în colecțiile entomologice ale Secției de Științe Naturale din cadrul Muzeului Olteniei Craiova. Sunt prezentate 53 de specii din 23 genuri, aparținând la 6 subfamilii. Materialul studiat provine din 37 de situri. 18 specii sunt menționate pentru prima dată în aceste colecții.

**Cuvinte cheie:** Coleoptera, Chrysomelidae, colecții, Muzeul Olteniei Craiova.

### INTRODUCTION

The Chrysomelidae family (known as leaf beetles) together with Cerambycidae, Megalopodidae and Orsodacnidae constitute the polyphagous superfamily Chrysomeloidea. According to the recent classification, this family comprises 12 subfamilies (LÖBL & SMETANA, 2010). About 1780 leaf beetle species described until the end of 2000 have been recorded in Europe and the Mediterranean area (WARCHAŁOWSKI, 2003). In Romania, 571 species from 82 genera and 13 subfamilies have been recorded (MAICAN, 2005).

The entomological collections of the Oltenia Museum comprise over 54,000 specimens, especially from the Coleoptera order. It contains material collected mainly from the Oltenia region. Information on the material from Chrysomelidae family preserved in these collections are found in some papers published by: CHIMIȘLIU, 1990-1993 (15 species, 9 genera and 5 subfamilies), BOBÎRNAC et al., 1999 (19 species, 15 genera and 6 subfamilies), ILIE & CHIMIȘLIU, 1999 (71 species, 28 genera and 8 subfamilies), CHIMIȘLIU & MOGOȘEANU, 2009 (35 species, 15 genera and 5 subfamilies).

The objective of this study consists in scientific harnessing of data from the collections preserved in the Museum of Oltenia Craiova, the results contributing to the completion of the information on leaf beetles diversity and distribution in the Romanian fauna.

### MATERIAL AND METHODS

The material examined (531 specimens) was collected between 1969 and 2008 by the specialists (Elena Bazilescu, Cornelia Chimișliu, Adrian Năstase, Aneta Vișan, Gheorghita Filcu, Gima Mogoșeanu, Loredana Durău) from the Department of Natural Sciences from the Oltenia Museum. Most collection sites are located in the Oltenia region.

For each recorded species, the sites and collection data, the number of examined specimens, previous records from the patrimony of the museum and the bibliographical sources are given.

The identification of specimens was made by Sanda Maican, according to the external morphology and to the genitalia (aedeagus), based on the monograph of WARCHAŁOWSKI (2003). The arrangement of the taxa and the nomenclature are presented in accordance with LÖBL & SMETANA (2010).

#### Abbreviations:

County names: AG - Argeș; CT - Constanța; DB - Dâmbovița; DJ - Dolj; GJ - Gorj; MH - Mehedinți; OT - Olt; VL - Vâlcea.

Other abbreviations: spec./s. – specimen/s.

\* - species mentioned for the first time in the museum patrimony.

#### Collecting sites:

Bala Băi (MH); Balta Verde (DJ); Bratovoiești (DJ); Bucovăț forest (DJ); Bugiulești (VL); Canaraua Fetii (CT); Cheile Bistriței (GJ); Cheile Galbenului (GJ); Cheile Sohodol (GJ); Cireșu (MH); Ciuperceni (DJ); Colonești (OT); Craiova (DJ); Craiova (Romanescu Park) (DJ); Craiova (the Botanical Garden) (DJ); Crihala forest (MH); Cula Cernați (MH); Drobeta Turnu-Severin (MH); Găioara, Iron Gates Natural Park (MH); Gura Văii (DJ); Iezer Mountains (AG); Ișalnița (DJ); Izverna (MH); Melinești (DJ); Negoii (DJ); Orșova (Cula Tricule) (MH); Pietrele Albe (GJ); Răcari (DJ); Râpa Roșie (DJ); Secui (DJ); Schela Cladovei (MH); Svinița (MH); Șimnic (DJ); Tărtășești (DB); Valea Bahnei (MH); Valea Cheii (VL); Valea Oglănic (MH).

## RESULTS

The examined material included 53 species from 23 genera and 6 subfamilies, as it follows: Criocerinae - 3 species (5.66%), Cassidinae - 4 species (7.54%), Chrysomelinae - 20 species (37.73%), Galerucinae - 3 species (5.66%), Cryptocephalinae - 22 species (41.50%) and Eumolpinae - one species (1.88%).

Family **CHRYSOMELIDAE** LATREILLE, 1802

I. Subfamily **CRIOCERINAE** LATREILLE, 1804

1. *Crioceris duodecimpunctata* (LINNAEUS, 1758)

**Material examined** - 1 spec.: Craiova (the Botanical Garden), May 4, 2004.

**Records from the patrimony of museum:** Craiova (ILIE & CHIMIȘLIU, 1999).

2. *Liliocercis lilii* (SCOPOLI, 1763)

**Material examined** - 26 specs.: Craiova (the Botanical Garden) - 2 specs., June 15-20, 2005; Șimnic - 5 specs., March 29, 2005; 6 specs., April 22, 2005; 9 specs., April 2007; 2 specs., June 1, 2007; 2 specs., April 12, 2008.

**Records from the patrimony of the museum:** Cheile Sohodol, Craiova (ILIE & CHIMIȘLIU, 1999); Craiova (Romanescu Park), Șimnic (CHIMIȘLIU & MOGOȘEANU, 2009).

\*3. *Oulema gallaeciana* (HEYDEN, 1870)

**Material examined** - 1 spec.: Cula Cerneți, May 5, 1982.

II. Subfamily **CASSIDINAE** GYLLENHAL, 1813

1. *Cassida murraea* LINNAEUS, 1767

**Material examined** - 1 spec. (without collecting data).

**Records from the patrimony of the museum:** Cărbunești, Băniei forest, Orodel, Plenița, Poiana Mare, Racovița, Slănic Prahova (ILIE & CHIMIȘLIU, 1999).

2. *Cassida nobilis* LINNAEUS, 1758

**Material examined** - 1 spec.: Valea Oglănic, May 8, 1981.

**Records from the patrimony of the museum:** Lunca Jiului, Craiova (Romanescu Park) (ILIE & CHIMIȘLIU, 1999).

3. *Cassida viridis* LINNAEUS, 1758

**Material examined** - 2 specs.: Valea Oglănic - 1 spec., June 5, 1985; Cheile Bistriței - 1 spec., August 10, 2005.

**Records from the patrimony of the museum:** Bucovăț, Cheile Sohodol, Negoii, Poiana Mare, Târgu Logrești (ILIE & CHIMIȘLIU, 1999).

\*4. *Pilemostoma fastuosum* (SCHALLER, 1783)

**Material examined** - 2 specs.: Craiova (Romanescu Park) - 1 spec., May 3, 2004; Craiova (the Botanical Garden) - 1 spec., May 4, 2004.

III. Subfamily **CHRYSOMELINAE** LATREILLE, 1802

1. *Chrysomela populi* LINNAEUS, 1758

**Material examined** - 19 specs.: Bucovăț forest - 4 specs., July 5, 2005; Bugiulești - 1 spec., July 25, 2004; Cheile Sohodol - 1 spec., August 12, 2005; Ciuperceni - 1 spec. May 22, 2004; Craiova (the Botanical Garden) - 1 spec., June 20, 2005; Negoii - 7 specs., May 3, 2005; 3 specs., May 2, 2008; Secui - 1 spec., May 26, 2007.

**Records from the patrimony of the museum:** Baia de Fier (BOBÎRNAC *et al.*, 1999); Coțofenii din Față, Craiova, Desa (ILIE & CHIMIȘLIU, 1999); Craiova (the Botanical Garden), Zvorsca (CHIMIȘLIU & MOGOȘEANU, 2009).

\*2. *Chrysomela saliceti* SUFFRIAN, 1849

**Material examined** - 1 spec.: Cheile Bistriței, August 10, 2005.

3. *Chrysomela tremula* FABRICIUS, 1787

**Material examined** - 1 spec.: Craiova, June 14, 2007.

**Records from the patrimony of the museum:** Cheile Sohodol, Desa, Radovan (ILIE & CHIMIȘLIU, 1999).

\*4. *Linnaeidea aenea* (LINNAEUS, 1758)

**Material examined** - 20 specs.: Valea Cheii, May 30, 2008.

5. *Gastrophysa polygona* (LINNAEUS, 1758)

**Material examined** - 12 specs.: Canarua Fetii - 2 specs., June 7, 2008; Colonești - 1 spec., April 22, 2004; Râpa Roșie - 3 specs., May 12, 2007; Șimnic - 1 spec., June 23, 2004; 1 spec., June 23, 2007; 3 specs., April 12, 2008, 1 spec., June 12, 2008.

**Records from the patrimony of the museum:** Cheile Sohodol, Ciuperceni, Gura Motrului, Șimnic (ILIE & CHIMIȘLIU, 1999).

6. *Gastrophysa viridula* (DEGEER, 1775)

**Material examined** - 4 specs.: Negoii, June 21, 2008.

**Records from the patrimony of the museum:** Craiova, Secui, Sibiu (ILIE & CHIMIȘLIU, 1999).

\*7. *Neophaedon pyritosus* (ROSSI, 1792)

**Material examined** - 1 spec.: Craiova (the Botanical Garden), May 23, 2006.

8. *Chrysolina (Colaphodes) haemoptera* (LINNAEUS, 1758)

**Material examined** - 2 specs.: Șimnic, May 20, 2008.

**Records from the patrimony of the museum:** Dănciulești, Răcari (ILIE & CHIMIȘLIU, 1999).

9. *Chrysolina (Colaphosoma) sturmi* (WESTHOFF, 1882)

**Material examined** - 2 specs.: Bratovoiești, June 17, 2008.

**Records from the patrimony of the museum:** Boișoara, Bratovoiești, Cetate, Căineni, Leamna, Ocnele Mari, Olănești, Radovan (CHIMIȘLIU & MOGOȘEANU, 2009).

10. *Chrysolina (Erythrochrysa) polita* (LINNAEUS, 1758)

**Material examined** - 32 specs.: Craiova (the Botanical Garden) - 2 specs., May 20, 2008; Secui - 5 specs. April 18, 2007, July 23, 2007; Secui - 22 specs., April 14, June 21, 2008.

**Records from the patrimony of the museum:** Bistreț, Cheile Sohodul, Craiova, Delta Dunării, Filiași, Novaci, Rotunda, Tismana (ILIE & CHIMIȘLIU, 1999); Cheile Sohodol, Craiova (the Botanical Garden, Romanescu Park), Tărtășești (DB), Leamna (CHIMIȘLIU & MOGOȘEANU, 2009).

11. *Chrysolina (Fastuolina) fastuosa* (SCOPOLI, 1763)

**Material examined** - 46 specs.: Balta Verde - 3 specs., June 14, 2007; Bucovăț forest - 4 spec., May 29, 2004; Cheile Bistriței - 1 spec., August 10, 2005; Cheile Galbenului - 1 spec., August 14, 2003; Craiova (the Botanical Garden) - 10 specs., May 4, 2004, May 20, 2008; Craiova (Romanescu Park) - 10 specs., May 3, 2004; Cula Cerneți - 3 specs., July 4, 1985; Drobeta Turnu-Severin - 2 specs., June 2, 1982; Negoii - 4 specs., May 3, 2005, May 2, 2008; Secui - 3 specs., May 26, 2007; Șimnic - 1 spec., June 1, 2007; Tărtășești - 3 specs., June 20, 2005; Valea Oglănic - 1 spec., May 8, 1981.

**Records from the patrimony of the museum:** Cheile Sohodol, Novaci, Tismana (BOBÎRNAC et al., 1999); Breasta, Craiova, Pădurea Sarului, Rezervația Retezat, Rîncea, Sibiu (ILIE & CHIMIȘLIU, 1999); Bociu, Cheile Sohodol, Coșoveni, Craiova (the Botanical Garden, Romanescu Park), Leamna, Plenița, Preajba, Segarcea, Zăval (CHIMIȘLIU & MOGOȘEANU, 2009).

\*12. *Chrysolina (Sphaeromela) varians* (SCHALLER, 1783)

**Material examined** - 10 specs.: Cheile Bistriței - 5 specs., August 10, 2005; Cheile Sohodol - 4 spec., August 12, 2005; Valea Cheii - 1 spec., May 30, 2008.

\*13. *Chrysolina (Stichoptera) rossia* (ILLIGER, 1802)

**Material examined** - 22 specs.: Pietrele Albe - 1 spec., June 18, 1999; Ciuperceni - 6 specs., May 1-22, 2004; Craiova (Romanescu Park) - 5 specs., June 8, 2004; Bucovăț forest - 4 specs., June 13, 2004; Craiova (Romanescu Park) - 1 spec., June 8, 2004; 1 spec., June 2, 2005; Șimnic - 1 spec., June 15, 2008; Canaraua Fetii - 1 spec., June 7, 2008; Negoii - 1 spec., June 21, 2008; Secui - 1 spec., May 26, 2007, July 12, 2008.

14. *Chrysolina (Synerga) coeruleans* (L. G. SCRIBA, 1791)

**Material examined** - 1 spec.: Bratovoiești, June 17, 2008.

**Records from the patrimony of the museum:** Baia de Fier, Cheile Sohodol, Craiova (ILIE & CHIMIȘLIU, 1999).

15. *Chrysolina (Synerga) herbacea* (DUFTSCHMID, 1825)

**Material examined** - 136 specs.: Canaraua Fetii - 1 spec., June 7, 2008; Cheile Bistriței - 2 specs., August 10, 2005; Cheile Sohodol - 5 specs., August 12, 2005; Craiova - 5 specs., May 3, 2004; 17 specs., May 27, 2005; 8 specs., June 25, 2005; 2 specs., July 8, 2008; Craiova (the Botanical Garden) - 14 specs., May 4, 2004; 2 specs., June 17, 2004; 4 specs., June 20, 2005; 54 specs., June 21, 2005; 15 specs., May 20, 2008; Craiova (Romanescu Park) - 7 specs., May 3, 2004; Iezer Mountains - 1 spec., July 27, 2008; Melinești - 1 spec., May 25, 2008; Negoii - 2 specs., May 3, 2005; 3 specs., June 28, 2005; Râpa Roșie - 6 specs., May 12, 2007; Secui - 2 specs., April 18, 2007; 7 specs., May 27, 2008; 9 specs., June 21, 2008; Șimnic - 3 specs., May 13, 2004; 1 spec., June 20, 2004; 6 specs., May 29, 2005; 4 specs., June 15, 2005; 2 specs., June 20, 2007; 3 specs., June 10, 2008.

**Records from the patrimony of the museum:** Bistreț, Cheile Sohodol, Olănești (ILIE & CHIMIȘLIU, 1999); Cheile Sohodol, Craiova (the Botanical Garden), Leamna, Negoii, Preajba (CHIMIȘLIU & MOGOȘEANU, 2009).

16. *Chrysolina (Zeugotaenia) limbata* (FABRICIUS, 1775)

**Material examined** - 2 specs.: Secui - 1 spec., July 12, 2008; Șimnic - 1 spec., June 23, 2007.

**Records from the patrimony of the museum:** Craiova, Secui (ILIE & CHIMIȘLIU, 1999); Craiova (Romanescu Park) (CHIMIȘLIU & MOGOȘEANU, 2009).

17. *Leptinotarsa decemlineata* (SAY, 1824)

**Material examined** - 7 specs.: Melinești - 2 specs., May 25, 2008; Negoii - 2 specs., May 1, 2004; Secui - 1 spec., June 20, 2007; 2 specs., July 23, 2007.

**Records from the patrimony of the museum:** Baia de Fier, Budieni (BOBÎRNAC et al., 1999); Bistreț, Craiova, Preajba, Racovița (ILIE & CHIMIȘLIU, 1999).

18. *Colaphellus sophiae* (SCHALLER, 1783)

**Material examined** - 8 specs.: Ciuperceni - 2 specs., May 22, 2004; Craiova (Romanescu Park) - 1 spec., June 8, 2004; Izverna - 1 spec., August 17, 1984; Negoii - 4 specs., May 2, 2008.

**Records from the patrimony of the museum:** Bistreț, Corabia, Craiova, Negoii, Răcari (ILIE & CHIMIȘLIU, 1999); Bucovăț, Dunăreni (CHIMIȘLIU & MOGOȘEANU, 2009).

19. *Entomoscelis adonidis* (PALLAS, 1771)

**Material examined** - 2 specs.: Craiova (the Botanical Garden) - 1 spec., May 19, 2004; 1 spec., June 17, 2004.

**Records from the patrimony of the museum:** Craiova, Predești, Poiana Mare (ILIE & CHIMIȘLIU, 1999); Bucovăț, Zvorsca (CHIMIȘLIU & MOGOȘEANU, 2009).

20. *Gonioctena fornicata* BRÜGGEMANN, 1873

**Material examined** - 21 specs.: Craiova (Romanescu Park) - 7 specs., June 8, 2004; Drobeta Turnu-Severin - 2 specs., June 6, 2005; Șimnic - 1 spec., June 20, 2004; 1 spec., April 12, 2008; Tărtășești - 2 specs., June 20, 2005; Negoii - 8 specs., April 27, 2007, May 2, 2008.

**Records from the patrimony of the museum:** Bugiulești, Olănești (BOBÎRNAC et al., 1999); Craiova, Ghercești, Slănic Prahova (ILIE & CHIMIȘLIU, 1999); Șimnic, Zvorsca (CHIMIȘLIU & MOGOȘEANU, 2009).

IV. Subfamily GALERUCINAE LATREILLE, 1802

1. *Galeruca pomonae* (SCOPOLI, 1763)

**Material examined** - 3 specs.: Șimnic - 1 spec., June 23, 2004; 1 spec., June 10, 2007; Orșova (Cula Tricule) 1 spec., June 11, 1970

**Records from the patrimony of the museum:** Craiova, Melinești, Poiana Mare, Segarcea, Tismana (ILIE & CHIMIȘLIU, 1999).

2. *Galeruca tanacetii* (LINNAEUS, 1758)

**Material examined** - 48 specs.: Bratovoiești - 3 specs., May 27, .05.2001; Canaraua Fetei - 1 spec., June 7, 2008; Ciupereni - 4 specs., May 1, 2004; Craiova - 2 specs., June 2, 2005; Craiova (the Botanical Garden) - 2 spec., June 20, 2005; 1 spec., June 21, 2005; 1 spec., May 20, 2008; Craiova (Romanescu Park) - 6 specs., June 8, 2004; Drobeta Turnu-Severin - 3 specs. June 6, 2005; Râpa Roșie - 4 specs. May 12, 2007; Secui - 2 specs., May 27, 2008; Șimnic - 5 specs., June 13, 2004; 6 specs., July 7, 2004; 8 specs., June 15, 2005.

**Records from the patrimony of the museum:** Tismana (BOBÎRNAC et al., 1999); Bistreț, Berbești, Bârza-Balș, Craiova, Racovița, Tismana (ILIE & CHIMIȘLIU, 1999); Bratovoiești, Bucovăț, Craiova, Craiova (the Botanical Garden), Craiova (Romanescu Park), Craiova (Valea Gangului), Mischii, Negoii, Preajba, Răcari, Segarcea, Șimnic (CHIMIȘLIU & MOGOȘEANU, 2009).

3. *Galeruca rufa* GERMAR, 1824

**Material examined** - 6 specs.: Crihala Forest - 1 spec., July 18, .07.1984; Cula Cernetei - 1 spec., July 4, 1985; Craiova - 1 spec., May 16, 1981; Găioara, Iron Gates Natural Park - 1 spec., March 27, 1985; Gura Văii, Valea Oglănic - 1 spec., April 26, 1985; Valea Bahnei - 1 spec., April 20, 1984.

**Records from the patrimony of the museum:** Baia de Aramă, Negoii, Plenița, Racovița, Șimnic, Vâlcom (ILIE & CHIMIȘLIU, 1999); Bratovoiești, Coțofenii din Față, Mischii, Negoii, Șimnic (CHIMIȘLIU & MOGOȘEANU, 2009).

V. Subfamily CRYPTOCEPHALINAE GYLLENHAL, 1813

1. *Clytra (Clytra) laeviuscula* (RATZEBURG, 1837)

**Material examined** - 24 specs.: Bratovoiești - 1 spec., June 17, 2008; Bucovăț forest - 6 specs., July 5, 2005; Craiova - 1 spec., June 9, 2008; Craiova (the Botanical Garden) - 9 specs., June 20-21, 2005; 5 specs., May 20-25, 2008; Drobeta Turnu-Severin - 1 spec., June 6, 2005; Răcari - 1 spec., June 9, 1999.

**Records from the patrimony of the museum:** Cheile Sohodol, Ponoare (BOBÎRNAC et al., 1999); Baia de Aramă, Bucovăț, Caracal, Craiova, Negoii, Țițărenii (ILIE & CHIMIȘLIU, 1999); Craiova (the Botanical Garden), Craiova (Romanescu Park), Răcari (CHIMIȘLIU & MOGOȘEANU, 2009).

2. *Labidostomis (Labidostomis) longimana* (LINNAEUS, 1760)

**Material examined** - 1 spec.: Craiova (the Botanical Garden), May 20, 2008.

**Records from the patrimony of the museum:** Bistreț, Bucovăț, Craiova Gura Motrului, Moflenii, Predești, Turcenii (ILIE & CHIMIȘLIU, 1999); Cheile Sohodol (CHIMIȘLIU & MOGOȘEANU, 2009).

\*3. *Labidostomis (Labidostomis) pallidipennis* (GEBLER, 1830)

**Material examined** - 2 specs.: Șimnic - 1 spec., June 23, 2004; 1 spec., June 15, 2008.

4. *Lachnaia (Lachnaia) sexpunctata* (SCOPOLI, 1763)

**Material examined** - 4 specs.: Bucovăț forest - 1 spec., June 13, 2004; Craiova (the Botanical Garden) - 1 spec., May 19, 2004; Craiova (Romanescu Park) - 2 specs., June 8, 2004.

**Records from the patrimony of the museum:** Baia de Fier (BOBÎRNAC et al., 1999); Bucovăț, Craiova, Leamna, Orodol, Segarcea (ILIE & CHIMIȘLIU, 1999); Bratovoiești, Bucovăț, Craiova (Romanescu Park), Răcari, Segarcea (CHIMIȘLIU & MOGOȘEANU, 2009).

5. *Smaragdina affinis* (ILLIGER, 1794)

**Material examined** - 1 spec.: Craiova (Romanescu Park), May 24, 2006.

**Records from the patrimony of the museum:** Bucovăț (CHIMIȘLIU & MOGOȘEANU, 2009).

6. *Smaragdina aurita* (LINNAEUS, 1767)

**Material examined** - 1 spec.: Bucovăț forest, May 17, 2000.

**Records from the patrimony of the museum:** Ghercești, Negoii, Radovan, Segarcea, Turcenii (ILIE & CHIMIȘLIU, 1999).

\*7. *Smaragdina limbata* (STÉVEN, 1806)

**Material examined** - 1 spec.: Negoii, June 21, 2008; 1 spec. (without collection data).

8. *Smaragdina salicina* (SCOPOLI, 1763)

**Material examined** - 6 specs.: Craiova - 2 specs., May 3, 2004; Craiova (the Botanical Garden) - 3 specs., 17.06.2004; Negoii - 1 spec., May 2, 2008.

**Records from the patrimony of the museum:** Bratovoiești, Bucovăț, Craiova (the Botanical Garden), Craiova (Romanescu Park) (CHIMIȘLIU & MOGOȘEANU, 2009).

9. *Smaragdina xanthaspis* (GERMAR, 1824)

**Material examined** - 4 specs.: Drobeta Turnu-Severin - 2 specs., June 6, 2005; Șimnic - 2 specs., June 15, 2008.

**Records from the patrimony of the museum:** Mischii (ILIE & CHIMIȘLIU, 1999); Craiova (the Botanical Garden) (CHIMIȘLIU & MOGOȘEANU, 2009).

\*10. *Tituboea macropus* (ILLIGER, 1800)

**Material examined** - 2 specs.: Schela Cladovei, July 11, 1971; May 5, 1980.

\*11. *Cryptocephalus (Asionus) apicalis* GEBLER, 1830

**Material examined** - 1 spec.: Svinița, January 16, 1969.

\*12. *Cryptocephalus (Burlinius) connexus* OLIVIER, 1808

**Material examined** - 2 specs.: Valea Bahnei, August 5, 1984.

\*13. *Cryptocephalus (Cryptocephalus) androgyne* MARSEUL, 1875

**Material examined** - 1 spec.: Răcari, May 10, 1999.

14. *Cryptocephalus (Cryptocephalus) octacosmus* BEDEL, 1891

(syn: *anticus* SUFFRIAN, 1848)

**Material examined** - 7 specs.: Bratovoiești - 1 spec., June 17, 2008; Craiova (the Botanical Garden) - 1 spec., May 20, 2008; Gura Văii - 1 spec., May 28, 1980; Secui - 4 specs., May 27, 2008.

**Records from the patrimony of the museum:** Craiova, Gura Motrului, Leamna, Logrești (ILIE & CHIMIȘLIU, 1999).

15. *Cryptocephalus (Cryptocephalus) bipunctatus* (LINNAEUS, 1758)

**Material examined** - 3 specs.: Bucovăț forest - 2 specs., June 9, 1999; Drobeta Turnu-Severin - 1 spec., June 6, 2005.

**Records from the patrimony of the museum:** Bucovăț, Craiova, Bistreț (ILIE & CHIMIȘLIU, 1999), Șimnic (CHIMIȘLIU & MOGOȘEANU, 2009).

\*16. *Cryptocephalus (Cryptocephalus) flavipes* FABRICIUS, 1781

**Material examined:** 8 specs.: Gura Văii - 3 specs., May 15, 1978; Valea Oglănic - 4 specs., May 8, 1981; Cireșu - 1 spec., June 12, 1981.

17. *Cryptocephalus (Cryptocephalus) moraei* (LINNAEUS, 1758)

**Material examined** - 9 specs.: Bala-Băi - 5 specs., June 14-15, 1985; Craiova (the Botanical Garden) - 1 spec. ♀, May 20, 2008; 3 specs. (without collection data).

**Records from the patrimony of the museum:** Cheile Sohodol (BOBÎRNAC et al., 1999); Leamna, Logrești, Negoii, Tismana (ILIE & CHIMIȘLIU, 1999).

\*18. *Cryptocephalus (Cryptocephalus) nitidus* (LINNAEUS, 1758)

**Material examined** - 1 spec.: Valea Oglănic, May 8, 1981.

\*19. *Cryptocephalus (Cryptocephalus) sexpunctatus* (LINNAEUS, 1758)

**Material examined** - 1 spec.: Valea Cheii, May 30, 2008.

20. *Cryptocephalus (Cryptocephalus) violaceus* LAICHARTING, 1781

**Material examined** - 5 specs.: Bucovăț forest - 2 specs., May 17, 2000; Ișalnița - 1 spec., May 26, 1999; Răcari - 1 spec., June 6, 1999; Râpa Roșie - 1 spec., May 12, 2007.

**Records from the patrimony of the museum:** Cheile Sohodol (ILIE & CHIMIȘLIU, 1999).

21. *Pachybrachis (Pachybrachis) hippophaes* (SUFFRIAN, 1848)

**Material examine** - 1 spec. (without collection data).

**Records from the patrimony of the museum:** Racovița (ILIE & CHIMIȘLIU, 1999).

\*22. *Pachybrachis (Pachybrachis) sinuatus* (MULSANT & REY, 1859)

**Material examined** - 1 spec.: Gura Văii, May 27, 1977.

VI. Subfamily **EUMOLPINAE** HOPE, 1840\*1. *Eupales ulema* (GERMAR, 1813)

**Material examined** - 4 specs.: Cula Cerneți - 1 spec., June 21, 1976; 3 specs., May 7, 1984.

**DISCUSSIONS**

Most of the identified species are common in the Romanian fauna (e.g.: *Clytra laeviuscula*, *Cassida viridis*, *Chrysomela populi*, *Chrysolina herbacea*, *C. fastuosa*, *C. varians*, *Labidostomis longimana*, *Galeruca pomonae*, *G. tanacetii*, *Cryptocephalus moraei*, *Pachybrachis sinuatus*).

The following 18 species are mentioned for the first time in the collections of the Oltenia Museum: *Oulema gallaeciana*, *Pilemostoma fastuosum*, *Chrysomela saliceti*, *Linaeidea aenea*, *Neophaedon pyritosus*, *Chrysolina rossia*, *C. varians*, *Labidostomis pallidipennis*, *Smaragdina limbata*, *Tituboea macropus*, *Cryptocephalus apicalis*, *C. connexus*, *C. androgyne*, *C. flavipes*, *C. nitidus*, *C. sexpunctatus*, *Pachybrachis sinuatus* and *Eupales ulema*. At the 90

species previously recorded from the museum patrimony (CHIMIȘLIU & MOGOȘEANU, 2009), there are now added 18 species. Thus, the number of leaf beetle species preserved in the collections of the Oltenia Museum currently amounts to 108 (18.91%) of the 571 species recorded in the Romanian fauna (MAICAN, 2005).

Among the valuable species preserved in these collections, we mention *Tituboea macropus*, a Ponto-Turanian species, distributed in Austria, Hungary, Moravia, Balkans, Turkmenistan and Uzbekistan. It occurs especially in sandy areas, with steppe specific vegetation (MAICAN, 2006).

Also, *Smaragdina limbata* (east-Mediterranean species, distributed in the Balkan Peninsula, Asia Minor, Caucasian countries, Middle East and northern Iran), *Eupales ulema* (distributed in the Balkan Peninsula, Hungary, Turkey) and *Colaphellus sophiae* (Central and Southeastern Europe, Turkey) are rare species in the Romanian fauna.

## CONCLUSIONS

This paper presents data on 53 leaf beetle-species (belonging to 23 genera and 6 subfamilies) preserved in the entomological collections of the Oltenia Museum Craiova.

Most of the localities and sites represent new records for the presence of Chrysomelidae in the Romanian fauna. Among the valuable species preserved in these collections, the following should be mentioned: *Tituboea macropus*, *Smaragdina limbata* and *Eupales ulema*.

By identifying the 18 new species for the collection of the museum, the total number of leaf beetle species preserved in the patrimony of the museum stands at 108. It is necessary to further explore the data from the collections of natural sciences museums in order to increase knowledge of the entomofauna diversity in Romania.

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