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**CLYTRINS (COLEOPTERA: CHRYSOMELIDAE: CLYTRINAE)
FROM THE COLLECTIONS OF THE “GRIGORE ANTIPA”
NATIONAL MUSEUM OF NATURAL HISTORY (BUCHAREST)**

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In the memory of Cristina Ana Hoinic

Abstract. The paper presents data on 34 Palaearctic species belonging to the subfamily Clytrinae, included in the coleopteran collection of „Grigore Antipa” National Museum of Natural History (Bucharest). Among them, the species *Labidostomis beckeri* Weise, 1881 is reported for the first time in the Romanian fauna. Some rare species are also highlighted. Male genitalia of four species are illustrated.

Résumé. On présente des données sur 34 espèces paléarctiques appartenant à la sousfamille Clytrinae, inclus dans la collection de coléoptères du Muséum National d'Histoire Naturelle „Grigore Antipa” (Bucarest). L'espèce *Labidostomis beckeri* Weise, 1881 est mentionnée pour la première fois dans la faune de Roumanie. Quelques espèces rares sont également accentués. On illustre des organes génitaux masculins de quatre espèces.

Key words: Chrysomelidae, Clytrinae, “Grigore Antipa” National Museum of Natural History, collections.

From morphological point of view, subfamily Clytrinae characterizes by pectinated antennae and very close posterior coxae; they are cylindrical, anteriorly and posteriorly cut off.

The adults are polyphagous on mono- and dicolytiledons and especially occur on the plants of the families Fagaceae, Betulaceae (in Europe) and Malvaceae (in Africa). The insects eat everything, flowers, leaves, buds and pollen. In larvar stage, the Clytrinae species feed on vegetal detritus and ant eggs.

Clytrinae are spread all over the world (represented by 62 genera, ordered in 6 tribes), but only a few species were reported from New Guinea, Australia and Madagascar. In the Palaearctic region there are around 350 species of 38 genera (Seeno & Wilcox, 1982). For the time being, in the Romanian fauna 32 species of 7 genera (Maican, 2005) are reported till now.

MATERIAL AND METHOD

Coleopteran collections preserved in the patrimony of „Grigore Antipa” National Museum of Natural History (Bucharest) have a historical and documentary-scientific value, both at national and at world level.

The studied material consists in 1400 Clytrinae specimens. They are preserved in the working collections of „Grigore Antipa” Museum (which include unidentified material, collected from different regions of Romania) as well as in the old scientific collections, formed of a material acquired by the Museum, at the

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beginning of the 20th century, from different scientists: coll. Dr. Eduart Fleck (consists of specimens collected especially from Azuga, but also from other localities), coll. Arnold Lucien Montandon (material from Dobrogea, Moldova and Comana Forest), coll. Deszoo Kenderessy (specimens from Hațeg region), coll. Fridrich Deubel (material from Brașov area). Old collections include also specimens collected by Richard Canisius and donated by Franz Salay. A part of the material belongs to coll. Dr. Nicolae Săvulescu.

I reviewed also the Clytrinae Palaearctic Collection, formed of specimens donated or acquired by the specialists of the museum, along the time, from different areas of the Palaearctic region, the nomenclature, systematical order being updated and the identification errors, corrected (where it was necessary).

The presentation of each species includes also information on the collecting date and place, on the number of the studied specimens, the collector's name and the present distribution range. Some of the specimens belonging to the old collections (especially from coll. Kenderessy) are labelled „*Museum Bucuresti, cumpărat*” (Museum Bucharest, bought) or „*Museum Bucuresti, dăruit*” (Museum Bucharest, donated), without other mentions.

The identification of the species was made according to the outer morphological features and to the male genitalia (aedeagus), using Mohr's (1966) and Warchałowski's (1985, 1991, 2003) papers.

For the nomenclature updating, the synonymy establishing and the review of the species affiliation to superspecific taxa I used the monograph paper „*Chrysomelidae. The leaf-beetles of Europe and the Mediterranean area*” (Warchałowski, 2003). Information on the general distribution of the species was taken from Warchałowski (op. cit.). Genera, subgenera and species are alphabetically ordered.

The list of the collecting sites in Romania (the counties are mentioned in brackets).

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|---------------------------------|---------------------------------|-------------------------------|
| Ada-Kaleh Island | Bucharest | Cumpătu (Sinaia) |
| Agapia (Neamț) | Budești (Ilfov) | Dâlga Forest (Călărași) |
| Agigea (Constanța) | Burdujeni Forest (Suceava) | Dobromir Forest (Constanța) |
| Alexandria (Teleorman) | C.A.Rosetti (Tulcea) | Dobroudja region |
| Algeria | Calopar Forest, Segarcea (Dolj) | Domogled Mt. (Caraș-Severin) |
| Andronache Forest, Bucharest | Canaraua Fetii (Constanța) | Drobeta Turnu-Severin |
| Armășești (Ilfov) | Caraorman (Tulcea) | (Mehedinți) |
| Azuga (Prahova) | Cazane (Caraș-Severin) | Dumbrăveni Forest (Constanța) |
| Babadag Forest (Tulcea) | Căldărușani Forest (Ilfov) | Durău, Mt. Ceahlău |
| Baia de Aramă (Mehedinți) | Cărășeu (Satu-Mare) | Eftimie Murgu (Caraș-Severin) |
| Balota (Mehedinți) | Căineni (Vâlcea) | Esechioi Forest (Constanța) |
| Bădila (Argeș) | Cârțișoara (Sibiu) | Feleag (Mureș) |
| Băile Episcopiei (Bihor) | Cernavodă (Constanța) | Focșani (Vrancea) |
| Băile Govora (Vâlcea) | Cernica Forest, Bucharest | Foieni (Satu-Mare) |
| Băile Herculane (Caraș-Severin) | Cetățuia (Giurgiu) | Frumoasa (Teleorman) |
| Bălăria Forest (Giurgiu) | Cheia (Prahova) | Fundulea (Ilfov) |
| Băneasa Forest (Constanța) | Cloșani (Gorj) | Găujani (Giurgiu) |
| Băneasa Forest, Bucharest | Cobia Forest (Dâmbovița) | Gârla Mare (Mehedinți) |
| Bârnova (Iași) | Cocoș (Tulcea) | Ghelnegioaia (Mehedinți) |
| Beștepe (Tulcea) | Comana Forest (Giurgiu) | Gorgota (Prahova) |
| Bistreț (Dolj) | Comorova Forest (Tulcea) | Greci (Tulcea) |
| Bozovici (Caraș-Severin) | Corabia (Olt) | Gura-Motrului (Mehedinți) |
| Brașov (Brașov) | Cosmești (Galați) | Gura-Vâii (Mehedinți) |
| Brașov Mts. | Craiova (Dolj) | Hagieni Forest (Constanța) |
| Bucovăț Forest (Dolj) | Crevedia (Ilfov) | Hașmacul lui Omer (Tulcea) |
| | Crișan (Tulcea) | Hațeg Mts. |

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| Hinova (Mehedinți) | Palas (Constanța) | Somova (Tulcea) |
| Huși (Vaslui) | Panaghia Forest (Dolj) | Sovata (Mureș) |
| Ieșelnița (Mehedinți) | Parâng Mts. | Spătaru Forest, Costești (Buzău) |
| Iortmac (Constanța) | Pasărea Forest (Ilfov) | Strehaia (Mehedinți) |
| Istria (Constanța) | Perchiu (Bacău) | Suceava (Suceava) |
| Jitaru (Olt) | Periprava (Tulcea) | Sulina (Tulcea) |
| Lacul Sărat (Salt Lake) (Brăila) | Periș (Ilfov) | Târgoviște (Dâmbovița) |
| Lăculețe (Dâmbovița) | Pietroșani (Giurgiu) | Târgu-Cărbunefști (Gorj) |
| Letca Nouă (Giurgiu) | Piscu Rusului (Iași) | Târgușor (Constanța) |
| Letea Forest (Tulcea) | Ploiești (Prahova) | Târnava (Dolj) |
| Liești (Galați) | Podari (Dolj) | Tecuci (Galați) |
| Limanu (Constanța) | Poiana Codrului (Satu-Mare) | Tismania (Gorj) |
| Lunca (Teleorman) | Poiana Mare (Dolj) | Trăisteni (Prahova) |
| Luncavița (Tulcea) | Poiana Verde (Timișoara) | Tuzla (Constanța) |
| Maliuc (Tulcea) | Prundu (Ilfov) | Țigănești Forest, Bucharest |
| Malu (Giurgiu) | Pustnicu Forest, Bucharest | Valea Bârladului |
| Mangalia (Constanța) | Râca (Argeș) | Valea Bulba (Mehedinți) |
| Măcin (Tulcea) | Râmnicu-Sărat (Buzău) | Valea Călugărească (Prahova) |
| Mogoșoaia, Bucharest | Roman (Neamț) | Valea Crișului Pietros, Apuseni Mts |
| Moinești (Bacău) | Roșiori de Vede (Teleorman) | Valea Ieșelniței (Mehedinți) |
| Nanov Forest (Teleorman) | Rudari Forest, Izvoare (Dolj) | Valea Lungă (Dâmbovița) |
| Nănești, Oncești (Maramureș) | Sarichioi (Tulcea) | Valea Rea, Sinaia (Prahova) |
| Negureni (Constanța) | Sarului Forest, Balș (Dolj) | Valea Someșului, Gherla (Cluj) |
| Niculitel (Tulcea) | Satu-Mare (Satu-Mare) | Valea Teleajenului (Prahova) |
| Noroieni (Satu-Mare) | Săcele (Brașov) | Valea Tismania (Gorj) |
| Ogradena (Mehedinți) | Săcuieni, Lacul Vărgat (Bihor) | Valu lui Traian (Constanța) |
| Oinacu (Ilfov) | Scheia Forest (Suceava) | Vânători (Neamț) |
| Olimp (Constanța) | Scornicești (Olt) | Videle (Teleorman) |
| Oltenița (Ilfov) | Secătura, Călinești (Maramureș) | Vidra (Vrancea) |
| Oltina (Constanța) | Sfântu-Gheorghe (Tulcea) | Voineasa (Vâlcea) |
| Oncești (Maramureș) | Sfîștofca (Tulcea) | Voinești (Dâmbovița) |
| Oravița (Caraș-Severin) | Sibiu (Sibiu) | Walachie region |
| Orșova (Caraș-Severin) | Sihlea (Vrancea) | Zăvestreni (Teleorman) |
| Ostrovu Mare (Mehedinți) | Sinaia (Prahova) | |
| Palanca Forest (Olt) | | |

Abbreviations:

Names of the collectors: Andreescu Ioana – A.I.; Andrei Gabriela – A.G.; Andrei Mircea – A.M.; Brădescu Vladimir – B.V.; Cacoveanu Ioana – C.I.; Cantoreanu Margareta – C.M.; Căpușă Ion – C.I.; Chișamera Gabriel – C.G.; Constantinescu Alin – C.A.; Drăghia Ion – D.I.; Dumitrescu Dan – D.D.; Gâldean Nicolae – G.N.; Guțu Modest – G.M.; Hoinic Cristina – H.C.; Konnerth Annelise – K.A.; Manoleli Dan – M.D.; Matache Ioana – M.I.; Mateiaș Mihai – M.M.; Mayer Rudolf – M.R.; Nagy Carol – N.C.; Negoescu Ileana – N.II.; Negru Ștefan – N.Șt.; Nemeș Ion – N.I.; Pârnu Corneliu – P.C.; Petrescu Angela – P.A.; Popescu-Gorj Aurelian – P.G.A.; Procheș Șerban – P.S.; Roșca Atena – R.A.; Ruști Dorel – R.D.; Săvulescu Nicolae – S.N.; Scobiola Xenia – S.X.; Serafim Rodica – S.R.; Sienkiewicz Igor – S.I.; Skolka Marius – S.M.; Stan Melania – S.Me.; Stănescu Aurora – S.A.; Stănescu Mihai – S.Mi.; Stănoiu Ion – S.I.; Taloi Marilena – T.M.; Voicu M. – V.M.; Warchałowski Andrzej – W.A.; Weinberg Medeea – W.M.

Other abbreviations: spec./specs. – specimen/specimens; (?) – incomplete data; coll. – collection; Mt./Mts. – mountain/s; * – species for the first time recorded in Romania.

RESULTS

Coleopteran collections of „Grigore Antipa” National Museum of Natural History includes 34 Clytrinae species, belonging to 7 genera.

Subfamily Clytrinae Kirby, 1837

Clytrini Clavareau, 1913

Cheilotoma Chevrolat, 1837*(Chilotoma* Lacordaire, 1848)*Cheilotoma musciformis* (Goeze, 1777)*(Chrysomela bucephala* Schaller, 1783)*Examined material:* Tecuci, 5.VI.1954, 1 ♀, S.N.*General distribution:* from eastern France and northern Italy to Bulgaria, southern Ukraine and Caucasian countries.*Clytra* Laicharting, 1781*Clytra* s. str.*Clytra laeviuscula* (Ratzeburg, 1837)

Examined material: „Museum Bucuresti, dăruit”, 6 specs., coll. Kenderessy; Museum Bucuresti, Cernavodă, 1 spec.; Rumänien, Govora, 2 specs., coll. Dr. Fleck; Roumanie, Comana Vlasca, 3 specs., coll. A.L. Montandon; Dobrogea, Măcin, 2 specs., coll. A.L. Montandon; Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Walachei, Azuga, Ploiești, 13.VI., 1 spec., coll. Dr. Fleck; Poiana Verde, VI.1950, 6 specs., (?); Oltina, 26.VI.1956, 1 spec., S.N.; Căldărușani, 12.VI.1958, 1 spec., S.X.; Mogoșoaia, Bucharest, 21.V.1959, 1 spec., R.A.; Scheia Forest, 11.VI.1959, 1 spec., N.I.; Periș, 18.VI.1959, 2 specs., R.A.; Căldărușani, 30.VI.1959, 3 specs., R.A.; Budești, Oltenița, 19.VII.1959, 1 spec., S.X.; Băneasa Forest, Dobrogea, 12.VI.1961, 3 specs., S.N.; Bucharest, 15.VIII.1961, 1 spec., R.A.; Hagieni Forest, 4-5.VI.1962, 4 specs., S.N., P.G.A.; Hagieni Forest, 19.VI.1962, 8 specs., R.A., K.A.; Băneasa Forest, Canaraua Fetii, 21.V.1962, 1 spec., S.N.; Hagieni Forest, 4-5.VI.1962, 4 specs., S.N., D.I.; Comana Forest, 25.VI.1962, 1 spec., D.I.; Pasărea Forest, Bucharest, 29.VI.1962, 1 spec., P.G.A.; Focșani, 26.VII.1962, 2 specs., R.A.; Hagieni Forest, 6.VI.1963, 7 specs., P.G.A., D.I.; Letea Forest, Periprava, 30.VI.1963, 1 spec., D.I.; Băile Herculane, 20.V.1964, 1 spec., S.N.; Hagieni Forest, 4.VI.1964, 1 spec., S.N.; Videle, 17.VI.1964, 2 specs., N.Șt.; Hagieni Forest, 19-21.VI.1964, 10 specs., D.I., S.X., P.G.A.; Băneasa Forest, Canaraua Fetii, 16.VII.1964, 2 specs., W.M.; Periprava, the Danube Delta, 2.VII.1965, 2 specs., S.X.; Letea Forest, 4.VII.1965, 12 specs.; Moinești, 8.VII.1965, 1 spec., (?); Periprava, the Danube Delta, 22.VI.1966, 2 specs., P.G.A.; Bucharest, 6.VI.1967, 3 specs., R.A.; Caraorman, 17.VI.1967, 1 spec. (ab. *connexa* Fricken, 1888), D.I.; Ada-Kaleh Island, 31.V.1968, 1 spec., S.X.; Valea Ieșelniței, 3.VI.1968, 1 spec., S.X.; Sinaia, 28.VII.1969, 1 spec., R.A.; Eșelnița, 16.VI.1970, 2 specs., R.A.; Cocoș Monastery, 9.VI.1973, 1 spec., C.A.; Periprava, Letea Forest, 5.VII.1974, 1 spec., P.G.A.; Valea Crișului Pietros, 1.VII.1976, 1 spec., N.II.; Lunca, 31.V.1977, 1 spec., A.M.; Zăvestreni, 22.VI.1977, 7 specs., S.R.; Bălăria Forest, 20.VI.1978, 1 spec., S.R.; Gura-Văii, 3.VII.1978, 1 spec., S.N.; Nanov Forest, 26.VI.1980, 11 specs., D.I., S.R., P.C., M.I.; Bistreț, 25.V.1981, 1 spec., D.D.; Cobia Forest, Segarcea, 20.VI.1981, 1 spec., W.M.; Bistreț, 23-25.VI. 1981, 4 specs., D.D., M.I., S.R.; Gura-Motrului, 21.VI.1983, 4 specs., P.C., M.I.; Strehăia, 22.VI.1983, 1 spec., S.R.; Drobeta Turnu-Severin, 5-6.VI.1984, 2 specs., M.I., S.R.; Hinova, 6.VI.1984, 1 spec., P.C.; Târgu-Cărbunești, 12.VII.1984, 1 spec., S.R.; Cosmești, 11.VI.1986, 1 spec., P.C.; Săcuieni, Lacul Vărgat, 24.VI.1986, 1 spec., M.D.; Valea Someșului,

Gherla, 7.VI.1992, 1 spec., G.N.; Cloșani, 16-18.VI.1992, 2 specs., P.C.; Târgușor, 8.VII.1992, 1 spec., S.R.; Hagieni Forest, 9.VII.1992, 2 specs., S.R.; Hagieni Forest, 12.VII.1992, 1 spec., S.R.; Beștepe, 14.VI.1993, 1 spec., M.I.; Letea Forest, 18.VI.1993, 2 specs., M.I.; Babadag Forest, Slava Rusă, 22.VI.1993, 1 spec., M.I.; Bucharest, 30.VI.1994, 1 spec., A.G.; Hașmacul lui Omer, Letea, 10.VI.1995, 2 specs., R.D.; Dumbrăveni Forest, VI.1995, 2 specs., A.G.; Olimp resort, North Mangalia, 19.VII.2003, 1 spec., S.R.

General distribution: from France and England to Altai range. Reported also from Morocco.

Clytra quadripunctata (Linnaeus, 1758)

(*Clytra appendicina* Lacordaire, 1848)

Examined material: Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Rumänien, Lăculețe, 18.VI., 1 spec., coll. Dr. Fleck; Piscu Rusului, 29.IV.1973, 2 specs., (?); Piscu Rusului, 12.V.1968, 1 spec., R.A.; Piscu Rusului, 11.V.1969, 1 spec., R.A.; Săcele, 22.V.1962, 3 specs., S.X.; Ploiești, 8.VI.1983, 1 spec., (?); Băile Herculane, 28.V.1966, 1 spec., (?); Burdujeni Forest, 12.VI.1959, 1 spec., N.I.; Sinaia, 25.XI.1963, 1 spec., N.Șt.; Pasărea Forest, 29.IV.1959, 1 spec., S.N.; Băile Herculane, 15.VI.1952, 1 spec., S.N.; Coronini, Băile Herculane, 20.V.1963, 1 spec., W.M.; Strehaia, 24.VI.1983, 1 spec., M.I.; Scheia Forest, 21.V.1959, 1 spec., N.I.; Budești, 25.V.1980, 3 specs., S.R.; Trăisteni, 8 km upstream Valea Doftanei, 24-26.VI.1994, 3 specs., P.C.; Nanov Forest, 26.VI.1980, 1 spec., D.I.; Strehaia, 10.V.1982, 1 spec., S.R.; Esechioi, 5.VI.1964, 1 spec., S.N.; Ploiești, 8.VI.1953, 1 spec., (?); Budești, 25.V.1979, 1 spec., W.M.; Voinești, Târgoviște, 18.V.1961, 1 spec., R.A.

General distribution: west-Palaeartic species, distributed from northern Spain and Ireland to Mongolia.

Clytraria Semenov, 1903

Clytra atraphaxidis (Pallas, 1773)

Examined material: Lacul Sărat (Salt Lake), 12.VII.1960, 5 specs., S.N.; Măcin, 26.VI.1967, 1 spec., W.M.; Somova, 28.VII.1987, 4 specs., M.I., C.I.; Hagieni Forest, 21.VI.1996, 2 specs., S.M.

General distribution: from Spain, Corsica, Sicily, southern Italy and Greece to Central Asia, Mongolia and Korea.

Clytra novempunctata Olivier, 1808

Examined material: „Museum Bucuresti, cumpărat”, 1 spec., coll. Kenderessy (identified in collection as *Clytra atrapaxidis*); Rumänien, Azuga, 1 spec., coll. Dr. Fleck (identified in collection as *Clytra valeriana*); „Museum Bucuresti”, 2 specs. (?) (identified in collection as *Clytra valeriana*); Iortmac, 22.VII.1955, 1 spec., (?); Băneasa Forest, Canaraua Fetii, 23.VII.1955, 2 specs., S.N.; Băneasa Forest, Canaraua Fetii, 29.VI.1956, 7 specs., S.N.; Esechioi Forest, 18.VI.1960, 1 spec., S.N.; Dobromir Forest, 22.VI.1960, 6 specs., S.N.; Băneasa Forest, Canaraua Fetii, 18.VII.1967, 3 specs., S.N.

General distribution: Balkan Peninsula, Romania, southern Ukraine, southern Russia, Caucasian countries, Asia Minor, Central Asia. Recorded also from Sicily.

Clytra valeriana (Ménétriés, 1832)

Examined material: „Museum Bucuresti, cumpărat”, 1 spec., coll. Kenderessy (identified in collection as *Clytra atraphaxidis*).

General distribution: Greece, Serbia, Bulgaria, Caucasian countries, Middle East, Central Asia. Recorded also from Sicily.

Coptocephala Chevrolat, 1837*Coptocephala* s. str.*Coptocephala chalybaea chalybaea* (Germar, 1824)

Examined material: Braşov Mts., 3 specs. (1♂, 2 ♀♀), coll. Deubel.

General distribution: from basin of the Danube and Bulgaria to southern Russia and Central Asia; the subspecies *C. chalybaea apicalis* (Lacordaire, 1848) is distributed in Crimea, Caucasian countries and Central Asia.

Coptocephala gebleri Gebler, 1841

(*Cryptocephalus 4-maculatus* Fabricius, 1792, nec Linnaeus, 1767)

Examined material: Periprava, the Danube Delta, 26.VII.1957, 7 specs. (6 ♂♂, 1 ♀), S.I.; Periprava, the Danube Delta, 24.VII.1958, 1♂, (?); Periprava, 16.VII.1964, 1 spec., P.G.A.; Periprava, the Danube Delta, 23-25.VII.1964, 2 ♂♂, S.N.; Hagieni Forest, 31.VIII.1964, 4 ♀♀, S.X.; Periprava, the Danube Delta, 16.VII.1966, 2 ♂♂, N.Şt.; Caraorman, 11-18.VIII.1967, 7 specs., D.I., S.X.; Caraorman, 21.IX.1967, 1♂, N.Şt.; Cernica Forest, 3.X.1968, 1 spec., N.Şt.; Caraorman, 4.X.1968, 1 spec., N.Şt.; Caraorman, 5.X.1968, 1 spec., S.X.; Caraorman, 16-17.VII.1969, 3 specs., S.X.; Caraorman, 21.VII.1969, 1 spec., S.X.; Caraorman, 20.VIII.1969, 2 specs., S.X.; Caraorman, 29.VIII.1969, 22 specs., N.Şt., W.M.; Caraorman, 30-31.VIII.1969, 10 specs., N.Şt.; Caraorman, 21.VII.1979, 3 specs., P.G.A.; Istria, 5.IV.1990, 1 spec., P.A.; Caraorman, 24.VI.1991, 19 specs., G.N.; Caraorman, 24.VIII.1992, 1 spec., P.A.; Periprava, 18.VII. (?), 1 spec., S.X.

General distribution: typical Pontic species, distributed in southern Balkan Peninsula, Asia Minor, Crimea, Caucasus, Iran, Central Asia and South-West Siberia till the Altai Mountains.

In Romania, reported from Constanţa, Mangalia (Fleck, 1905) and Caraorman Islet (Ieniştea, 1974).

Coptocephala rubicunda (Laicharting, 1781)

Examined material: Walachie, Comana, 1♀, coll. A.L. Montandon (identified in collection as *Coptocephala scopolina*); Periş, 7.VII.1954, 1♂, R.A.; Băile Herculane, 28.VIII.1954, 5 specs., S.N.; Băile Herculane, 27-31.VII.1963, 2 specs., S.N. (*typical form*); Domogled, Băile Herculane, 2.VI.1965, 1♂, D.I.; Durău, Ceahlău, 7.VIII.1966, 1 spec., V.M. (*typical form*); Băile Herculane, 8.VIII.1966, 1♂, S.N.; Agapia Monastery, 17.VIII.1966, 1 spec., V.M. (*typical form*); Ştirbu Gorgota, Ploieşti, 4.VII.1967, 3 specs., R.A.; Băile Herculane, 30.VII.1977, 1 spec., S.N. (*typical form*); Băile Herculane, 30.VII.1977, 2 specs., S.N. (ab. *vittata* Petri, 1926).

General distribution: southern and Central Europe, Asia Minor, Caucasus.

Coptocephala unifasciata (Scopoli, 1763)

Examined material: Rumänien, Azuga, 2 specs., coll. Dr. Fleck; „Museum Bucuresti, cumpărat”, 1 spec., coll. Kenderessy; „Museum Bucuresti, dăruit”, 1 spec., coll. A.L. Montandon; Romania, 1930, Museum Bucuresti, Dăruit, 1♂, coll. F. Salay; Agigea, 21.VIII.1954, 2 specs., (?); Poiana Mare, Calafat, 25.VI.1957, 4 specs., S.X.; Agigea, 21.VII.1961, 5 specs., M.R.; C.A. Rosetti, Letea Forest, 15.VII.1962, 3 specs., P.G.A.; Agigea, 9.VIII.1962, 21 specs., D.I.; Agigea, 30.VIII.1963, 2 specs., R.A.; Corabia, 2.VII.1964, 2 specs., (?) (ab. *conjuncta* Csiki, 1953); C.A. Rosetti, Letea Forest, 20.VII.1964, 14 specs., N.Șt., S.X.; Agigea, 23.VII.1964, 1 spec., N.C.; Hagieni Forest, 7.VI.1965, 1♂, N.Șt.; Periprava, the Danube Delta, 3.IX.1965, 2 specs., S.X.; C.A. Rosetti, 5.IX.1965, 3 specs., S.X.; Periprava, the Danube Delta, 17-18.VII.1966, 2 specs., N.Șt.; C.A. Rosetti, Letea Forest, 20.VII.1966, 7 specs., S.X., N.Șt.; Ogradena, Valea Mala, 12.VIII.1969, 2 specs., S.X.; Agigea, 27.VI.1971, 1 spec., M.R.; C.A. Rosetti, Letea Forest, 12-14.VII.1980, 6 specs., P.G.A.; C.A. Rosetti, Letea Forest, 18.VIII.1981, 10 specs., P.G.A.; C.A. Rosetti, 26.VIII.1981, 19 specs.; C.A. Rosetti, Sfiștofca, 6.VIII.1991, 5 specs., (?); Agigea, 30.VII.1992, 17 specs., S.A.

General distribution: from northern Spain and Belgium to Central Asia and Mongolia.

Labidostomis Germar, 1822*Chlorostola* Weise, 1881*Labidostomis centromaculata* ab. *syriaca* Lacordaire, 1848

Examined material: „Museum Bucuresti, cumpărat”, 2 specs., coll. Kenderessy.

General distribution: endemic species in Sardinia and Corsica; the form *syriaca* Lacordaire, 1848 occurring in Corsica, is sometimes considered as a distinct species (according to Warchałowski, 2003).

Labidostomis s. str.**Labidostomis beckeri* Weise, 1881

Examined material: Roumanie, Lacul Sărat, 1♂ (identified in collection as *Labidostomis rugicollis*), coll. A.L. Montandon; Roumanie, Lacul Sărat, 1♂, coll. A.L. Montandon; Moldavie, Valea Bârladului, 1♂ (identified in collection as *Labidostomis metallica*), coll. A.L. Montandon; Rumänien, Lacul Sărat, 1♂, coll. Dr. Fleck. (Figs 1 A, B, 5).

General distribution: Europe and Central Asia, from basin of Dnieper to Altai Range.

Labidostomis cyanicornis Germar, 1822

Examined material: Rumänien, Azuga, 2 ♂♂, coll. Dr. Fleck; Rumänien, Comana, 1♂, coll. Dr. Fleck; Bucarest, 6 ♂♂, coll. Canisius; Oltenița, 22.V.1958, 4 specs. (2 ♂♂, 2 ♀♀), R.A.; Bucharest, 6.VI.1971, 1♂, R.A. (Fig. 2 A, B).

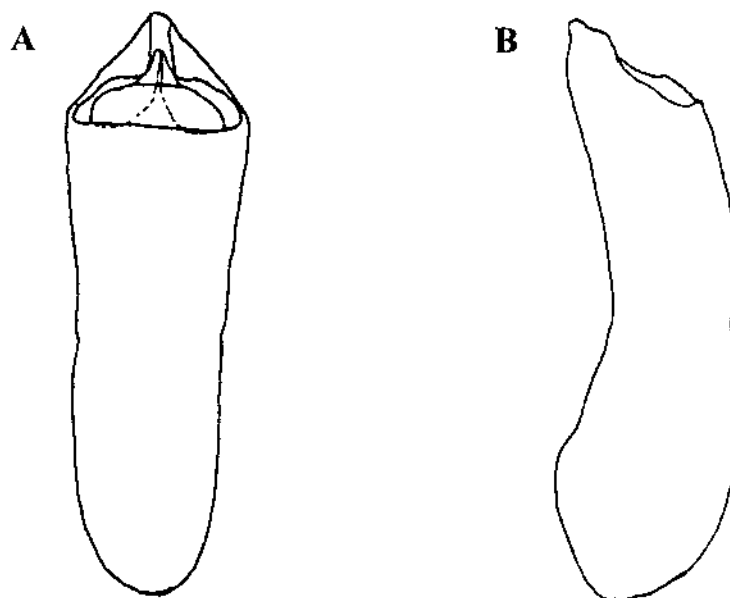


Fig. 1 – *Labidostomis beckeri* Weise, aedeagus: A – dorsal view; B – lateral view.

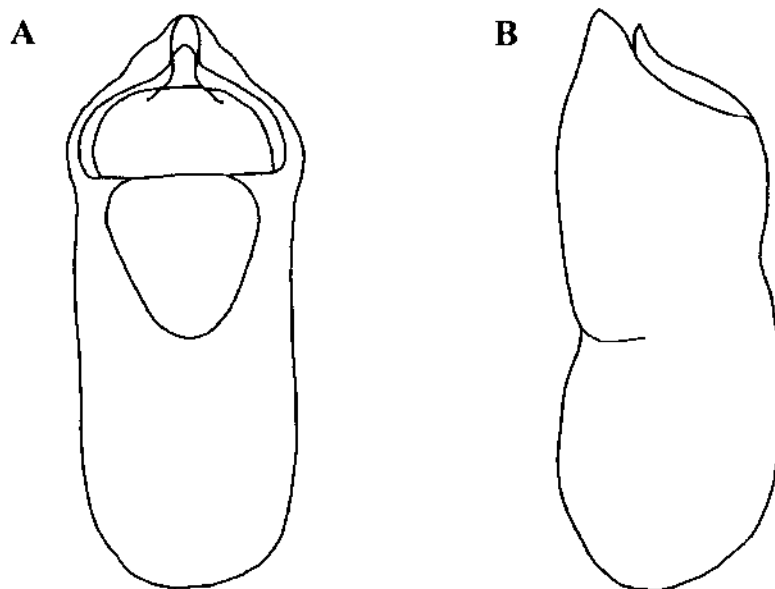


Fig. 2 – *Labidostomis cyanicornis* Germar, aedeagus: A – dorsal view; B – lateral view.

In Romania, also reported from Băile Herculane: 11 specs. (4 ♂♂, 7 ♀♀), 23.V.1972, leg. W.A.; 6 specs. (2 ♂♂, 4 ♀♀), 17.VI.1977, leg. W.A. (Warchałowski, 1985).

General distribution: southern part of Central Europe, Romania, Ukraine, basin of Volga.

Labidostomis humeralis (Schneider, 1792)

(*Labidostomis impressihumera* Lacordaire, 1848)

Examined material: Hațeg Mts., 1 spec., coll. Deubel; Roumanie, Comana Vlasca, 3 specs., coll. A.L. Montandon; Comana, 2 ♀♀, coll. Canisius; Valea Călugărească, 23.X.1953, 1 ♀; Oltina, 26.VI.1956, 1 ♂, S.N.; Baia de Aramă, 25.VI.1961, 1 ♀, S.N.; Satu-Mare, 21.IX.1962, 1 ♂, (?); Sarichioi Forest, 14.V.1963, 1 ♂, (?); Băneasa Forest, Canaraua Fetii, 20.VII.1964, 1 ♀, S.N.; Cazane, 10.VI.1967, 1 ♂, N.Șt.; Huși, 20.V.1968, 1 ♂, (?).

General distribution: from central France and southern Sweden to Asia Minor and basin of Volga.

Labidostomis longimana (Linnaeus, 1761)

Examined material: Museum Bucuresti, cumpărat, 10 specs. (7 ♂♂, 3 ♀♀), coll. Kenderessy; Museum Bucuresti, dăruit, 2 ♀♀, coll. A.L. Montandon (identified in collection as *Labidostomis lucida*); Museum Bucuresti, 3 specs. (2 ♂♂, 1 ♀), coll. A.L. Montandon (identified in collection as *Labidostomis lucida*); Museum Bucuresti, dăruit, 2 specs., coll. A.L. Montandon (identified in collection as *Labidostomis cyanicornis*); Roumanie, Comana Vlasca, 1 ♂, coll. A.L. Montandon; Moldavie, Valea Bârladului, 2 specs., coll. A.L. Montandon; Bucarest, 2 specs. (1 ♂, 1 ♀), coll. A.L. Montandon; Romania, Museum Bucuresti, dăruit, 1930, 1 spec., coll. F. Salay; Rumänien, Azuga, 1 ♀, coll. Dr. Fleck (identified in collection as *Labidostomis lucida*); Walachie, Azuga, 1 ♀, coll. Dr. Fleck; Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Rumänien, Drobeta Turnu-Severin, 1 ♂, coll. Dr. Fleck; Museum Bucuresti, dăruit, 8 specs., coll. A.L. Montandon; Brașov Mts., 1 ♂, coll. Deubel; Moldavie, Valea Bârladului, 2 specs., coll. A.L. Montandon; Comana, 2 specs., coll. Canisius; Bârnova, Iași, 4.VI.1953, 1 ♀, S.N.; Sibiu, 5.IX.1953, 1 ♀ (?); Valea Teleajenului, 26-28.VII.1954, 4 specs. (?); Armășești, 27.VII.1954, 2 specs. (1 ♀, 1 ♂) (?); Vânători, Piatra-Neamț, 19.VII.1955, 2 ♂♂, S.X.; Luncavița, Cetățue, 27.VI.1956, 1 ♂, S.X.; Crișan, 20.VII.1956, 1 ♀, S.X.; Voinești, Târgoviște, 23.VIII.1957, 2 specs. (1 ♂, 1 ♀), R.A.; Alexandria, 30.V.1958, 1 ♂, R.A.; Periș, Snagov, 8.VI.1958, 1 ♀, R.A.; Valu lui Traian, 21.VI.1958, 24 specs. (15 ♂♂, 9 ♀♀), R.A.; Alexandria 1.VII.1958, 2 specs., R.A.; Cocos, 26.VII.1958, 1 ♀, S.I.; Periș, Snagov, 18.VI.1959, 1 ♂, S.X.; Podari, 5.VI.1960, 4 specs. (2 ♂♂, 2 ♀♀), N.Șt.; Căldărușani Forest, 21.VI.1960, 4 specs. (1 ♀, 3 ♂♂), R.A.; Târgoviște, 19.V.1961, 1 spec., R.A.; Prundu, 15.VI.1961, 7 specs., W.M.; Palas, 21.VI.1962, 2 ♀♀, R.A.; Valu lui Traian, 22.VI.1962, 1 ♂, R.A.; Pustnicu Forest, Bucharest, 5.VII.1962, 1 ♀, R.A.; Bozovici, Banat, 6.VII.1962, 2 specs. (1 ♂, 1 ♀), D.I.; Babadag Forest, 21.VII.1962, 1 ♀, D.I.; Căineni, 26.VII.1962, 1 ♀, S.N.; Dâlga Forest, 5.VI.1963, 1 ♂, N.Șt.; Agigea, 23.VI.1964, 1 ♂, W.M.; Greci, 30.VI.1964, 1 ♀, S.I.; Băile Herculane, 10.VII.1964, 1 spec., C.I.; Băneasa Forest, Dobrogea, 17.VII.1964, 1 ♀, W.M.; Roman, 25.VI.1965, 1 spec. (?); Luncavița, Cetățue, 27.VI.1965, 1 ♀, S.X.; Pasărea Forest, 16.VI.1966, 1 ♀, R.A.; Liești, 6.VIII.1966, 2 ♀♀, C.M.; Voinești, Târgoviște, 10.VIII.1966, 1 ♀, R.A.; Mircești, 12.VI.1967, 1 ♂, R.A.; Niculițel, 28-29.VI.1967, 4 specs., W.M., S.X.; Bădila, 29.VI.1967, 3 ♀♀, W.M.; Roman, 1.VII.1967, 1 ♂ (?);

Valea Lungă, Cricovu, 5.VII.1967, 1♀, R.A.; Valea Rea, Sinaia, 24.VII.1967, 7 specs. (4 ♂♂, 3 ♀♀), N.Șt.; Ieșelnița, 16.VI.1969, 1♂, N.Șt.; Valea Crișan, 17.VII.1969, 1♀, R.A.; Jitaru, 12.VI.1970, 15 ♂♂, S.N.; Ieșelnița, 16.VI.1970, 16 specs., S.X., R.A.; Orșova, 18.VI.1970, 1♂, R.A.; Valea Ieșelniței, 17-20.VI.1970, 3 specs., R.A.; Băile Herculane, 20.VI.1970, 1♀, S.X.; Perchiu, 12.VI.1971, 1♀ (?); Fundulea, 22.VII.1972, 1♂, (?); Eftimie Murgu, 8.VII.1976, 1♀, P.G.A.; Băile Herculane, 13.VII.1976, 1♂, P.G.A.; Zăvestreni, 22.VI.1977, 2 specs., S.R.; Roșiori de Vede, 24.VI.1977, 2 specs., G.N.; Esecchio Forest, 11.VII.1977, 1 spec., P.G.A.; Căldărușani Forest, 10.VI.1978, 2 specs., S.R.; Fundulea, 13.VI.1978, 1 spec., M.M.; Bălăria Forest, 20.VI.1978, 1♀, S.R.; Zăvestreni, 22.VI.1978, 1♀, P.G.A.; Pasărea Forest, 13-30.VI.1978, 6 specs., S.R., P.G.A.; Zăvestreni, 20.VI.1978, 4 specs., S.R.; Zăvestreni, 15.VI.1979, 1 spec., S.R.; Oinacu, 18.VI.1979, 4 specs., A.M.; Frumoasa, 22.VI.1979, 1 spec., A.I.; Palanca Forest, Nicolae Titulescu, 24-25.VI.1980, 18 specs., S.R., M.I., P.C.; Nanov Forest, 26.VI.1980, 3 specs., D.I., M.I., S.R.; Crevedia, 10.VII.1980, 1 spec., S.R.; Scornicești, 23.VII.1980, 6 specs., M.I., S.R.; Bucovăț Forest, Craiova, 18.VI.1981, 2 specs., P.G.A.; Cobia Forest, 19.VI.1981, 19 specs., P.C., W.M.; Calopar Forest, Segarcea, 19.VI.1981, 8 specs., W.M.; Sarului Forest, Balș, 22.VI.1981, 1 spec., A.G.; Rudari Forest, Izvoare, 8.X.1981, 1 spec., M.I.; Râca, 13.VI.1982, 1 spec., T.M.; Podari, 20.VI.1982, 33 specs., S.R., M.I., D.D.; Târnavă, 21.VI.1982, 8 specs., S.R., M.I., D.D.; Tismana, 21.VI.1982, 9 specs., S.R.; Cobia Forest, Segarcea, 9.VIII.1982, 5 specs., P.C.; Balota, 11.VII.1983, 1 spec., S.R.; Panaghia Forest, Radovan, 14.VI.1984, 1 spec., A.G.; Târgu-Cărbunefi, 9-13.VII.1984, 33 specs., D.I., M.I., S.R.; Foieni, 15.VI.1985, 2 specs. (1♂, 1♀), M.I.; Poiana Codrului, 30.VII.1985, 1♀, P.C.; Cărășeu, 30.VII.1985, 1♀, P.C.; Noroieni, 30.VII.1985, 2 ♀♀, D.I.; Râmnicu-Sărat, 12.VI.1986, 1 spec., P.C.; Sihlea, 23.VI.1987, 3 specs. (2 ♂♂, 1♀), M.I.; Spătaru Forest, Costești, 24.VI.1987, 3 specs., P.C., M.I.; Comana, 30.VI.1990, 2 specs. (1♂, 1♀), P.S.; Maliuc, Mila 26, 8.VIII.1991, 1 spec., M.I.; Cloșani, 16.VI.1992, 1 spec., P.C.; Feleag, 30.VII.1993, 5 specs. (4 ♀♀, 1♀), H.C.; Vama Cucului, Cârțișoara, 30.VII.1994, 1♂, H.C.; Nănești, Oncești, 10.VII.1995, 2 ♂♂, M.I.; Secătura, Călinești, 7.VII.1995, 2 specs., M.I.; Nănești, Oncești, 10.VII.1995, 7 spec. (5 ♂♂, 2 ♀♀), M.I.; Băile Herculane, 10.VII.1996, 1♀, P.S.; Voineasa, 1.VIII.1996, 1♂, P.S.; Tuzla, 21.VII.2003, 1 spec., S.R.

General distribution: the most frequent Central-European species of the genus; distributed from southern Italy, northern Spain and southern Sweden to Central Russia and Mongolia.

Labidostomis lucida (Germar, 1824)

Examined material: Roumanie, Comana Vlasca, 1♂, coll. A.L. Montandon; Rumänien, Comana, 1♀, coll. Dr. Fleck; Walachei, Dobroudja, 6.VI., 1♂, coll. Dr. Fleck; Greci, 26.V.1961, 8 specs., S.X.; Prundu, 15.VI.1961, 1 spec., W.M.; Dobrogea, 17.VI.1961, 2 specs., S.N.; Hagieni Forest, 19.VI.1962, 1♂, R.A.; Agigea, 15-20.VI.1964, 3 ♂♂, S.X., W.M.; Agigea, 12.VI.1965, 1♀, P.G.A. (Fig. 3 A, B).

Remarks: Warchałowski (2003), who made the revision of the genus, considers that *Labidostomis lucida* (Germar) is represented by two subspecies: *L. lucida* s. str. and *L. lucida axillaris* Lacordaire, on the basis of outer morphology and geographical distribution (*L. lucida* s. str. - from northern Spain to Slovakia and Slovenia and *L. lucida axillaris* Lacordaire - from southern Germany to basin of Volga and The Caucasian countries; in Central Europe probably there is a zone of hybridation of both subspecies).

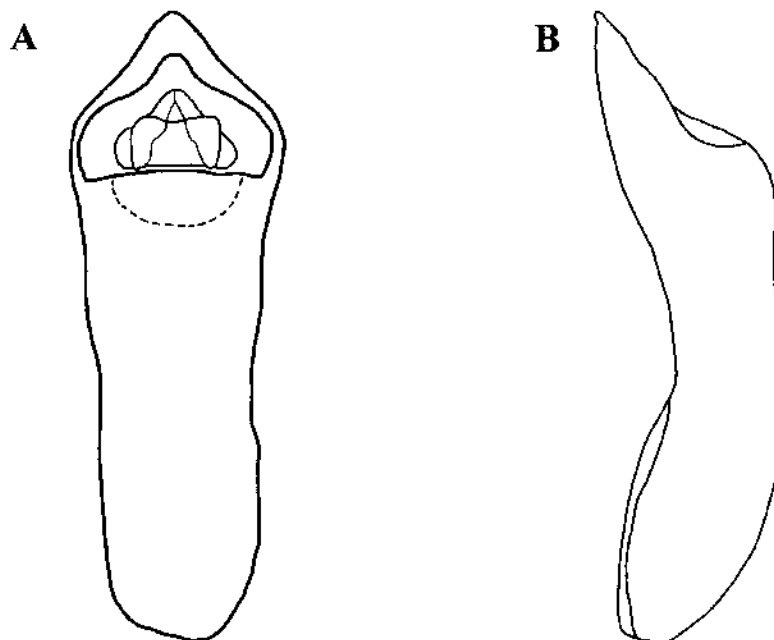


Fig. 3 – *Labidostomis lucida* (Germar), aedeagus: A – dorsal view; B – lateral view.

On the other hand, according to Regalin (1981), *lucida* and *axillaris* are different species on the basis of male mandible shape and of the aedeagus, too.

Labidostomis lusitanica (Germar, 1824)

Examined material: „Museum Bucuresti, cumpărat”, 3 specs., coll. Kenderessy.

General distribution: North-western Africa, Spain, Portugal, southern France, North-western Italy, Sicily.

Labidostomis pallidipennis (Gebler, 1830)

(*Labidostomis longipennis* Gebler, 1841)

Examined material: Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Budești, Oltenița, 24.VII.1963, 1 ♀, R.A.; Hagieni Forest, 12.VII.1964, 2 specs. (1 ♂, 1 ♀), S.I.; Agigea, 25.VI.1964, 1 ♂, W.M.; Agigea, 20.VII.1964, 1 ♀, W.M.; Ieșelnița, 17.X.1969, 1 ♀; Agigea, 30.VII.1992, 1 ♀, S.A.; Hagieni Forest, 15-16.VII.1997, 2 ♂♂, P.C., S.M.; Olimp resort, North Mangalia, 19.VII.2003, 20 specs., S.R., P.A., C.G.

General distribution: from northern Spain, Italy and basin of Danube to China.

Labidostomis propinqua Faldermann, 1837

Examined material: Roumanie, Comana Vlasca, 1 ♂, coll. A.L. Montandon; Rumänien, Azuga, 2 specs. (1 ♀, 1 ♂), coll. Dr. Fleck; Pasărea Forest, 30.IV.1953, 1 ♂, S.N.; Hagieni Forest, 25.V.1963, 3 ♂♂, S.N.; Dâlga Forest, 5.VI.1963, 1 ♀, N.Șt.; Hagieni Forest, 4.VI.1964, 1 ♂, N.Șt.; Hagieni Forest, 8.VI.1964, 1 ♂, S.N.; Băneasa Forest, Canaraua Fetii, 11.VI.1964, 3 specs. (2 ♀♀, 1 ♂), S.N. (Figs 4 A, B, 5).

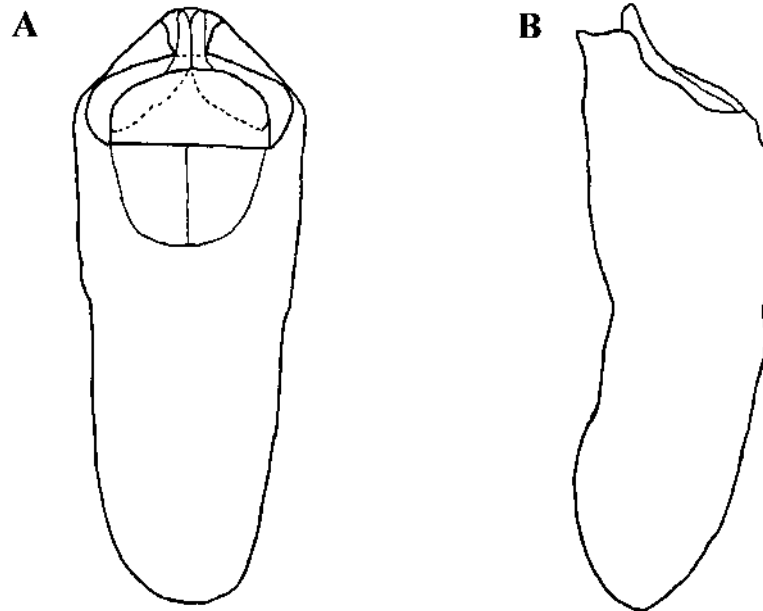


Fig. 4 – *Labidostomis propinqua* Faldermann, aedeagus: A – dorsal view; B – lateral view.



Fig. 5 – Distribution of the *Labidostomis beckeri* Weise (▼) and *Labidostomis propinqua* Faldermann (■) species in Romania.

General distribution: Bulgaria, southern Romania, Greece, Asia Minor and Caucasian countries.

Labidostomis tridentata (Linnaeus, 1758)

(*Labidostomis leithneri* Redtenbacher, 1874)

Examined material: Marburg, Weber, 1♂ (identified in collection as *Labidostomis propinqua*); Parâng Mts., 1♀, coll. Deubel (identified in collection as *Labidostomis humeralis*); Rumänien, Azuga, 2 specs., coll. Dr. Fleck; Roumanie, Comana Vlasca, 1♀, coll. A.L. Montandon; Pasărea Forest, 30.IV.1953, 1♀, S.N.; Andronache Forest, Bucharest, 12.VI.1954, 1♀, R.A.; Satu-Mare, 13.V.1962, 1 spec. (?).

General distribution: western Palaearctic, from central France, England and Sweden to Mongolia.

Lachnaia Chevrolat, 1837

Barathraea Lacordaire, 1848

Lachnaia octomaculata (Pic, 1895)

(*Lachnaia pardoii* Cobos, 1956)

Examined material: „Museum Bucurest, cumpărat”, 1♂, coll. Kenderessy (identified in collection as *Lachnaia puncticollis*).

General distribution: Morocco and Algeria.

Lachnaia s. str.

Lachnaia paradoxa ab. *vicina* Lacordaire, 1848

Examined material: Algeria, „Museum Bucuresci”, 1 spec., coll. A.L. Montandon; „Museum Bucurest, cumpărat”, 4 ♂♂, coll. Kenderessy (identified in collection as *Lachnaia puncticollis*).

General distribution: Algeria, Morocco, southern Spain.

Lachnaia sexpunctata (Scopoli, 1763)

Examined material: Roumanie, Comana Vlasca, 9 specs., coll. A.L. Montandon; Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Cernica Forest, Bucharest, 2.VI.1950, 1 spec., (?); Băile Herculane, 12.VII.1953, 3 specs., S.N.; Pasărea Forest, 21.V.1954, 1 spec., S.N.; Cernica Forest, Bucharest, 28.V.1955, 2 specs., R.A.; Căldărușani Forest, 9.VII.1956, 2 specs., S.X.; Mogoșoia, Bucharest, 21.V.1959, 1 spec., R.A.; Periș, 18.VI.1959, 2 specs., R.A.; Valu lui Traian, 25.V.1960, 1 spec., (?); Cernica Forest, Bucharest, 5.VII.1960, 1 spec., R.A.; Băile Herculane, 10.VI.1961, 1 spec., S.N.; Comana Vlașca, 24.V.1962, 1 spec., S.N.; Esecchio Forest, 14.V.1963, 1 spec., (?); Dâlga Forest, 5.VI.1963, 2 specs., N.Șt.; Hagieni Forest, 6.VI.1963, 6 specs., P.G.A.; Babadag Forest, 20.VI.1963, 3 specs., Ș.X.; Oltenița, 14.V.1964, 1 spec., N.Șt.; Pasărea Forest, 8.VI.1964, 1 spec., D.I.; Hagieni Forest, 6-8.VI.1964, 3 specs., S.N., N.Șt.; Băneasa Forest, Canaraua Fetii, 11.VI.1964, 4 specs., S.N.; Craiova, 24.IX.1964, 1 spec., (?); Hagieni Forest, 6.VI.1965, 1 spec., W.M.; Hagieni Forest, 19-21.VI.1965, 3 specs., P.G.A.; Băile Herculane, 29-31.V.1965, 2 specs., P.G.A.; Hagieni Forest, 19.V.1966, 1 spec.,

S.N.; Orșova, 29.IV.1967, 1 spec., N.Șt.; Niculițel, 28.VI.1967, 1 spec., S.X.; Cheia, Ploiești, 27.VII.1967, 1 spec., R.A.; Caraorman, 21.X.1967, 1 spec., W.M.; Bucharest, 2.VI.1969, 1 spec., G.M.; Ieșelnița, 14-20.VI.1969, 1 spec., P.G.A.; Orșova, 18-20.VI.1970, 8 specs., R.A.; Oravița, 2.VI.1975, 2 specs., S.N.; Domogled Mt., 14.VII.1976, 1 spec., P.G.A.; Ghelmegioaia, 22.V.1977, 1 spec., S.N.; Băile Herculane, 10.VII.1977, 2 specs., S.N.; Gura-Văii, 11.VI.1978, 6 spec., P.G.A.; Bistreț, 25.VI.1981, 2 specs., S.R.; Gura-Motrului, 21.VI.1983, 3 specs., P.C.; Hagieni Forest, 26-29.V.1984, 9 specs., P.G.A., D.I.; Panaghia Forest, Radovan, 15.VI.1984, 1 spec., A.G.; Băile Herculane, 26.V.1985, 2 specs., B.V.; Sihlea, 23.VI.1987, 2 specs., M.I., C.I.; Dumbrăveni Forest, 18-21.V.1994, 2 specs., H.C., A.G.; Băile Episcopiei, VI.1995, 1 spec., S.I.; Letca Nouă, 7.VI.1998, 1 spec., P.S.

General distribution: France, southern Germany, basin of Danube, Ukraine, Balkan Peninsula, Asia Minor.

Lachnaia variolosa (Linnaeus, 1767)

Examined material: „Museum Bucuresti, cumpărat”, 2 specs., coll. Kenderessy.

General distribution: Morocco, Algeria, southern Spain.

Smaragdina Chevrolat, 1837

Monrosia Medvedev, 1971

Smaragdina affinis (Illiger, 1794)

Examined material: Roumanie, Comana Vlasca, 2 specs., coll. A.L. Montandon; Walachei, Mangalia, 2 VI, 1 spec., coll. Dr. Fleck; Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Rumänien, Comana, 1 spec., coll. Dr. Fleck; Museum Bucuresti, cumpărat, 2 specs., coll. Kenderessy; Găujani, 26.IV.2004, 3 specs., S.Me.; Cetățuia, 26.IV.2004, 13 specs., S.Me.; Malu, 27.IV.2004, 7 specs., S.Me.; Pietroșani, 28.IV.2004, 6 specs., S.Me.

General distribution: England, France, Italy, Central Europe, Romania, Bulgaria, southern Ukraine. In Iberian Peninsula it is represented by the subspecies *manicata* Lacordaire, 1848.

Smaragdina aurita (Linnaeus, 1767)

Examined material: Rumänien, Azuga, 4 specs., coll. Dr. Fleck; Băneasa, 27.IV.1958, 1♂, S.X.; Valea Tismana, 3.VI.1959, 2 specs., S.X.; Cioclovina, Tismana, 5.VI.1959, 1♂, S.X.; Suceava, 11.VI.1959, 1 spec., N.I.; Scheia Forest, 12.VI.1959, 1 spec., N.I.; Burdujeni Forest, 12.VI.1959, 1 spec., N.I.; Voinești, Târgoviște, 19.V.1961, 1♀, R.A.; Mogoșoaia, Bucharest, 15.VI.1962, 1 spec., R.A.; Pustnicu Forest, Bucharest, 8.V.1963, 1♀, R.A.; Băile Herculane, 20.V.1963, 1 spec., W.M.; Babadag Forest, 20.VI.1963, 1 spec., S.X.; Caraorman, 12.VIII.1967, 1♀, S.X.; Băile Herculane, 19.V.1985, 1 spec., B.V.

General distribution: Pyrenees, western France, Italy, Central Europe, Caucasian countries, Siberia.

Smaragdina flavicollis Charpentier, 1825

Examined material: Valea Rea, Sinaia, 25.VIII.1967, 1♀, N.Șt.; Valea Ieșelniței, 3.VI.1968, 1♂, S.X.; Baia de Aramă, 30.VII.1992, 1♀, A.G.

General distribution: in Europe from France and northern Italy to Ukraine, northern Turkey and Caucasian countries. Recorded also from Lithuania and southern Finland.

Smaragdina salicina (Scopoli, 1763)

(*Cryptocephalus cyaneus* Fabricius, 1775)

Examined material: Braşov, VII.1952, 1 spec., S.X.; Pasărea Forest, 30.IV.1953, 1 spec., S.N.; Băneasa Forest, Dobrogea, 24.V.1954, 4 specs., S.X.; Budeşti, Olteniţa, 28.VI.1954, 1 spec., S.X.; Băile Episcopiei, VI.1954, 1 spec., (?); Budeşti, 15.V.1958, 1 spec., R.A.; Sinaia, 8.VII.1958, 1♀, R.A.; Pasărea, 29.IV.1959, 1 spec., S.N.; Scheia Forest, 11.VI.1959, 1 spec., N.I.; Burdujeni Forest, 12.VI.1959, 3 specs., N.I.; Andronache Forest, 17.V.1962, 1♂, P.G.A.; Gârla Mare, 25.V.1963, 2 specs. (?); Mangalia, Comorova Forest, 30.V.1963, 1 spec., S.X.; Sinaia, Cumpătu, 22.V.1965, 2 specs., N.Şt.; Pasărea Forest, Brăneşti, 19.VI.1965, 1 spec., R.A.; Ţigăneşti Forest, Bucharest, 26.IV.1966, 3 specs., S.X.; Orşova, 23.V.1966, 1 spec. (?), N.Şt.; Caraorman, 12.VIII.1967, 1♂, S.X.; Valea Rea, Sinaia, 24.VIII.1967, 1 spec., N.Şt.; Ieşelniţa, 18.V.1969, 1 spec., W.M.; Ieşelniţa, 16.VI.1970, 3 specs., R.A.; Sfântu-Gheorghe, 10.VII.1974, 1 spec.; Strehaia, 12.V.1982, 1 spec., A.G.; Drobeta Turnu-Severin, 5.VI.1984, 2 specs., S.R.; Băneasa Forest, Canaraua Fetii, 20.V.1993, 1 spec., H.C.

General distribution: Central and southern Europe, from northern Spain and Denmark to basin of Volga and Caucasian countries.

Smaragdina tibialis (Brullé, 1832)

Examined material: Rumänien, Azuga, 1♀, coll. Dr. Fleck.

General distribution: Balkans, Asia Minor, Syria. In Israel, the subspecies *flavipes* Medvedev, 1992 occurs with entirely fulvous legs.

Smaragdina xanthaspis (Germar, 1824)

Examined material: Alexandria, 30.V.1958, 1♂, R.A.; Căldăruşani Forest, 19.VI.1958, 5 specs., R.A.; Sinaia, 9.VII.1958, 1♂, R.A.; Căldăruşani Forest, 21.VI.1960, 2 specs., R.A.; Comorova Forest, 2.VI.1962, 1 spec., P.G.A.; Hagieni, 5-19.VI.1962, 11 specs. S.X., P.G.A., K.A., R.A.; Pustnicu Forest, Bucharest, 5.VII.1962, 1 spec., R.A.; Comorova, 30.V.1963, 1 spec., S.X.; Ieşelniţa, 21.V.1964, 2 specs., W.M.; Hagieni Forest, 6.VI.1964, 4 specs., N.Şt.; Agigea, 15.VI.1964, 1♂, S.X.; Comorova, 18.VI.1964, 2♂♂, S.X.; Hagieni Forest, 6-21.VI.1964, 4 specs., S.X., S.N.; Orşova, 29.VI.1964, 1 spec., N.Şt.; Hagieni Forest, 7.VI.1965, 2 specs., N.Şt.; Hagieni Forest, 31.V.1966, 1 spec., D.I.; Ieşelniţa, 8.VI.1967, 1 spec., D.I.; Ştirbu Gorgota, Ploieşti, 4.VII.1967, 5 specs., R.A.; Sinaia, 25.VIII.1967, 1 spec., S.R.; Ieşelniţa, 30.V.1968, 1♂, S.X.; Orşova, 2.VI.1968, 1 spec., S.X.; Valea Ieşelniţei, 3.VI.1968, 2 specs., S.X.; Ieşelniţa, 16.VI.1970, 4♂♂, R.A.; Orşova, 18.VI.1970, 3 specs., R.A.; Ogradina, Orşova, 11-21.VI.1970, 8 specs., R.A.; Ieşelniţa, 16.VI.1970, 2 specs., R.A.; Zăvestreni, 22.VI.1977, 1 spec., S.R.; Roşiori de Vede, 25.VI.1977, 2 specs., G.N.; Gura-Văii, 11.VI.1978, 1 spec., P.G.A.; Ostrovul Mare, Drobeta Turnu-Severin, 13.VI.1978, 3 specs., P.G.A.; Cobia Forest, Segarcea, 19-20.VI.1981, 5 specs., P.C., W.M.; Bistreţ, 24-25.VI.1981, 4 specs., M.I., S.R.; Sarului Forest, Balş, 22-26.VI.1981, 5 specs., A.M., A.G.; Bistreţ, 25.VI.1981, 1 spec., D.D.; Hagieni Forest, 29.V.1984, 1 spec., P.G.A.; Drobeta

Turnu-Severin, 5-6.VI.1984, 7 specs., M.I., S.R.; Cloșani, 16.VI.1992, 1 spec., P.C.; Valea Bulba, Baia de Aramă, 17.VI.1992, 3 spec., P.A.; Dumbrăveni Forest, 18.V.1994, 3 specs., H.C.

General distribution: northern Italy, northern part of Balkan Peninsula, basin of Danube, southern Ukraine, Asia Minor.

Smaragdina s. str.

Smaragdina chloris (Lacordaire, 1848)

Examined material: „Museum Bucuresti, cumpărat”, 1♂, coll. Kenderessy.

General distribution: from Bulgaria to Mesopotamia and western Iran. In Romania, recorded from Băile Herculane (Kaszab, 1962).

Smaragdina concolor (Fabricius, 1792)

Examined material: „Museum Bucuresti, cumpărat”, 1♀, coll. Kenderessy.

General distribution: central and southern Spain (subspecies *S. concolor amabilis* Lacordaire, 1848); northern Spain, France and Italy (nominotypical subspecies); Romania, Bulgaria and Asia Minor (subspecies *S. concolor hypocrita* Lacordaire, 1848).

In Romania, recorded from Băile Herculane (Kaszab, 1962).

Smaragdina limbata (Stéven, 1806)

Examined material: Walachei, Azuga, 2 specs., coll. Dr. Fleck; Pasărea Forest, 21.V.1954, 1 spec., S.N.; Băneasa Forest, Bucharest, 24.V.1954, 1 spec., S.X.; Valu lui Traian, 3.VI.1954, 1 spec., S.X.; Bucharest, 3.V.1955, 1 spec., (?); Bucharest, Mogoșoaia, 10.V.1955, 4 specs., R.A.; Pasărea Forest, 29.IV.1959, 1 spec., S.N.; Hagieni Forest, 2-5.VI.1962, 6 specs., P.G.A.; Mangalia, Comorova Forest, 30.V.1963, 1 spec., S.X.; Comorova Forest, 17.VI.1963, 1 spec., S.N.; Hagieni Forest, 4.VI.1964, 5 specs., N.Șt., S.N.; Hagieni Forest, 21.V.1965, 6 specs., S.N.; Comorova Forest, 5.VI.1965, 1 spec., S.X.; Hagieni Forest, 6.VI.1965, 2 specs., W.M.; Istria, 6.VIII.1992, 1 spec., (?); Pasărea Forest, 30.IV.1993, 1 spec., S.N.; Băneasa Forest, Canarua Fetii, 19-20.V.1993, 15 specs., H.C., P.A.; Hagieni Forest, Limanu, 22.V.1993, 2 specs., H.C.; Băneasa Forest, Canarua Fetii, 16-20.V.1994, 6 specs., A.G.; Negureni, 20.V.1994, 2 specs., A.G.; Dumbrăveni Forest, 21.V.1994, 1 spec., A.G.; Dumbrăveni Forest, 27.V.1995, 1 spec., (?).

General distribution: east-Mediterranean species, distributed in Balkan Peninsula, Asia Minor, Caucasian countries, Middle East and northern Iran.

Tituboea Lacordaire, 1848

(*Antipa* auct.)

Tituboea macropus (Illiger, 1800)

Examined material: „Museum Bucuresti, cumpărat”, 2 specs., coll. Kenderessy; Sfântu-Gheorghe, the Danube Delta, 2 specs., coll. A.L. Montandon; Rumänien, Azuga, 1 spec., coll. Dr. Fleck; Sovata, 17.VII.1955, 2 specs., (?); Caraorman, 19.VII.1960, 1 spec., S.I.; Periprava, 23.VI.1962, 1 spec. (ab. *armeniaca* Pic, 1918), S.N.; Letea Forest, Periprava, 12.VII.1962, 2 specs., P.G.A.; Greci, 23.VI.1963, 1 spec., (?); C.A. Rosetti, 20.VII.1964, 2 specs., S.N.; Hagieni

Forest, 21-22.VI.1964, 10 specs., S.X., P.G.A.; Sulina, 12-14.VII.1966, 1 spec., P.G.A.; Periprava, 18.VII.1966, 2 specs., N.Șt.; C.A. Rosetti, Letea Forest, 20.V.1966, 4 specs., P.G.A., S.X.; Măcin, 26.VI.1967, 1 spec., S.X.; Caraorman, 5.VII.1968, 1 spec., N.Șt.; Caraorman, 16-20.VII.1969, 2 specs., P.G.A., S.X.; Caraorman, 12-20.VII.1969, 3 specs., S.X.; Vidra, 23.VII.1969, 1 spec., R.A.; Hagieni Forest, 29.VI.1973, 1 spec., P.G.A.; Hagieni Forest, 17.VII.1977, 1 spec., P.G.A.; Letea Forest, 10.VII.1979, 4 specs., S.N.; Letea Forest, 11.VII.1979, 1 spec. (ab. *armeniaca* Pic, 1918), S.N.; Caraorman, 24.VI.1991, 1 spec., G.N.; Limanu, 10.VI.1992, 1 spec., S.R.

General distribution: South-eastern Europe and Asia Minor, from Austria and Albania to basin of Volga and Caucasian countries.

DISCUSSIONS

Frequent common species of Romanian fauna (*Clytra laeviuscula* Ratzeburg, *Clytra quadripunctata* Linnaeus, *Lachnaia sexpunctata* Scopoli, *Labidostomis longimana* Linnaeus, *Smaragdina xanthaspis* Germar, *Smaragdina salicina* Scopoli, *Smaragdina aurita* Linnaeus) are present in a large number in collection.

Most of the collecting localities are new report sites of Clytrinae in Romania.

In collection, genus *Labidostomis* Germar is represented by all 7 species reported up to now for the Romanian fauna: *Labidostomis cyanicornis* Germar, *L. pallidipennis* (Gebler), *L. humeralis* (Schneider), *L. propinqua* Faldermann, *L. longimana* (Linnaeus), *L. tridentata* (Linnaeus), *L. lucida* (Germar); in the present contribution I am adding another one: *Labidostomis beckeri* Weise, recorded now for the first time.

Analyzing the aedeagi of two male specimens, collected from Lacul Sărat (Salt Lake) and Valea Bârladului (both localities laying in eastern Romania), preserved in coll. A. L. Montandon under the name of *Labidostomis metallica* and *Labidostomis rugicollis*¹, I established that they really belong to the species *Labidostomis beckeri* Weise.

The diagnosis of the Labidostomis beckeri Weise species.

The labrum dark; each elytron with a distinct, brownish humeral spot; the pronotum finely punctate and covered with short and sparse hairs, adpressed; the elytron strongly and densely punctate; the aedeagus as in fig. 1 (A, B); male's mandibulae of *beckeri* type.

The presence of this species in Romanian fauna was predictable, its range being represented by the steppe areas of Europe and Central Asia, from basin of Dnieper to Altai range. Caspic element, whose presence in Romania could point out a east-westwards migration, along the European coast of the Black Sea (established also in the case of some injurious species, introduced from America).

From the rare species preserved in these collections there are:

Cheilotoma musciformis (Goeze) – in Romania, reported from Sighișoara, Deva and Brașov (Petri, 1912); in the Museum collection there is a female specimen, collected from Tecuci, 5.VI.1954, leg. S.N.

Labidostomis propinqua Faldermann – the only report for the Romanian fauna is that of Montandon's (1906), based on a specimen collected from Comana

¹ The presence of *Labidostomis metallica* Lefèvre and *L. rugicollis* Lefèvre in the Romanian fauna is less probable (Maican, 2005).

Forest (ident. M. Bourgeois); its aedeagus is presented in fig. 4 (A, B); besides it, in the collection there are also 12 specimens (8 males, 4 females) collected from South-East Romania: Pasărea Forest, Dâlga Forest, Canaraua Fetii and Hagieni Forest. In the revision of the genus *Labidostomis* Germar, the species is also reported from "Rumänien, Craiova, 20.05.1940, 1♀, leg. Eichler" (Warchałowski, 1985).

Clytra novempunctata Olivier – in the specialized literature I haven't found data on the reports of this species in the Romanian fauna. Prof. Dr. A. Warchałowski (Wrocław, Poland) keeps the species, collected from the surroundings of Orșova (3.VI.1972, leg. W.A.), some years later being found by Dr. Gruszka, in the same area (personal information). In the Museum collection, the species is represented by 20 specimens, collected from Dobrogea: Dobromir Forest, Bâneasa Forest, Canaraua Fetii, Esehioi.

Tituboea macropus (Illiger) – Ponto-Turanian element, with a large distribution, known from Austria, Hungary, Moravia, Balkans, Turkmenistan, Uzbekistan. It occurs especially in sandy areas, with sand banks and vegetation characteristic to the steppe regions.

Clytra valeriana Ménétriés (represented by a single specimens in coll. Kenderessy, identified as *Clytra atraphaxidis*), *Smaragdina chloris* (Lacordaire) and *Smaragdina concolor* (Fabricius) are reported in the Romanian fauna, but I cannot make supposition on their source in this collection, because the studied specimens do not have collecting data.

Clytrinae collection from "Grigore Antipa" Museum consists also some species whose present range do not include Romania: *Labidostomis centromaculata* ab. *syriaca* Lacordaire (endemic species in Corsica), *Labidostomis lusitanica* Germar (Iberian species), *Lachnaia octomaculata* Pic (distributed in Morocco and Algeria), *Lachnaia paradoxa* ab. *vicina* Lacordaire (Algeria, Morocco, southern Spain), *Lachnaia variolosa* Linnaeus (Algeria, Morocco, southern Spain).

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CLYTRINE (COLEOPTERA: CHRYSOMELIDAE: CLYTRINAE) DIN COLECȚIILE MUZEULUI NAȚIONAL DE ISTORIE NATURALĂ "GRIGORE ANTIPA" (BUCUREȘTI)

REZUMAT

Lucrarea prezintă 34 specii palearctice de Clytrine, prezente în colecțiile coleopterologice ale Muzeului Național de Istorie Naturală "Grigore Antipa" (București).

Specia *Labidostomis beckeri* Weise, 1881 este semnalată pentru prima dată în fauna României.

Dintre speciile rare în România, care sporesc valoarea de patrimoniu a acestor colecții, se remarcă: *Clytra novempunctata* Olivier, 1808, *Clytra atraphaxidis* (Pallas, 1773), *Coptocephala gebleri* Gebler, 1841, *Coptocephala chalybaea chalybaea* (Germar, 1824), *Labidostomis propinqua* Faldermann, 1837, *Smaragdina tibialis* (Brullé, 1832).

Pentru specia *Labidostomis propinqua* Faldermann, 1837 sunt prezentate date noi, care confirmă prezența acesteia în fauna țării noastre.

În colecțiile muzeului sunt conservate și specii care nu sunt prezente în fauna României: *Labidostomis centromaculata* ab. *syriaca* Lacordaire, 1848, *Labidostomis lusitanica* (Germar, 1824), *Lachnaia octomaculata* (Pic, 1895), *Lachnaia paradoxa* ab. *vicina* Lacordaire, 1848, *Lachnaia variolosa* (Linnaeus, 1767).

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