

Collection data to North Africa's (Morocco, Algeria, Tunisia) leaf beetle fauna (Coleoptera: Chrysomelidae)

ISTVÁN ROZNER¹ & GYÖRGY ROZNER²

¹H-1116 Budapest, XI. Tétényi-út 129., Hungary, e-mail: irozner@gmail.com

²H-8648 Balatonkeresztúr Vasút utca 25., Hungary, e-mail: roznergyuri@gmail.com

ROZNER, I. & ROZNER, GY. *Collection data to North Africa's (Morocco, Algeria, Tunisia) leaf beetle fauna. (Coleoptera: Chrysomelidae).*

Abstract: In this article we discuss the data on the collecting trips to Morocco in 1982 and in 2008, to Algeria in 1986 and in 1990, and in Tunisia in 1995. These collections comprise 112 species in 37 genera. Amongst these 4 (*Cryptocephalus macellus* Suffrian, 1860, *Prasocuris junci* (Brahm, 1790), *Psylliodes maroccanus* Heikertinger, 1916, *Cassida humeralis* Kraatz, 1874), represent new records to the Algerian fauna and one species *Coptocephala unicolor* (Lucas, 1845) is a new record to the Tunisian fauna.

Keywords: Chrysomelidae, collecting data, North Africa

Introduction

In 1986 Mr. and Mrs. Imre Mohos and in 1990 Mr. Tamás Körösi invited one of the authors (István Rozner) and his wife Mrs. Istvánné Rozner to Algeria, where they undertook two one month long collecting expeditions. In 1986 they have worked around Oran and in 1990 they have collected in a 150-200 km radius of Algeria, the seashores, the Tell Atlas, the Hauts Plateau and the Saharan Atlas.

Data of the Moroccan material is partially related to Francisco Bajet's (Spain, Barcelona) 1982 leaf beetle collection which was made available to us. In 2008 György Rozner and Levente Ábrahám carried out collecting in Morocco.

Data of the Tunisian material related to specimens collected by Attila Podlussány in 1995 and in 2001 by Istvánné Rozner.

Leaf beetles collected in North Africa

The collected material was processed and determined by István Rozner. Most species (83) originate from Algeria, followed by species (40) from Morocco and 5 from Tunisia. In total, from the three North African countries: Algeria, Morocco, and Tunisia we recorded data from 9 subfamilies, 37 genera and 112 species of leaf beetles.

Data of the listed species and abbreviations

In the list of species data is depicted in the following manner:

Bold: taxons, *italics:* districts and foodplants, normal letters: localities and other relevant data (e.g. altitude, date, name of collectors).

Abbreviations:

A = Algeria
M = Morocco
T = Tunézia
Mt. Mts = mountain, mountains
sp, spp = species
wil = wilaya, county

Abbreviations of collector's names:

ÁL = Levente Ábrahám
FB = Francisco Bajet
PA = Attila Podlussány
RA = Istváné Rozner
RGY = György Rozner
RI = István Rozner

List of species and collection data

Subfamily: CRIOCERINAE**Genus:** *Crioceris* Müller, 1764

Crioceris asparagi asparagi (Linnaeus, 1758) – **A:** wil. Tipasa: Tipasa, Roman City, 19. IV. 1990., RA et RI – This subspecies is distributed from the Iberian Peninsula to Central Asia, it is also introduced to N America, Argentina and Tanzania. FP: *Asparagus officinalis*

Genus: *Oulema* Gozis, 1886

Oulema hoffmannseggii (Lacordaire, 1845) – **A:** wil. Tlemcen: Terny, 1400 m, Tal-Terny, 7. V. 1986., RA et RI; wil. Oran: Mts. Atlas, 200 m, Ain-el-Turk, 24. V. 1986., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI – W Mediterranean species, distributed in S France, Iberian Peninsula, Morocco and Algeria

Oulema melanopus (Linnaeus, 1758) – **A:** wil. Oran: El-Ancor, Foret de M'Sila, 9. V. 1986., RA et RI; wil. Alger: Cheraga, 26. IV. 1990., RA et RI; Alger: Clairval, Cité Olympique, 16. IV – 10. V. 1990., RA et RI; wil. Tipasa: Berbessa, 18. IV. 1990.; Sidi Rached, 4. V. 1990., RA et RI; wil. Médéa: Tamesguide, 22. IV – 8. V. 1990., RA et RI – W-Palaearctic species, distributed from Morocco, Ireland, and S Norway to Near East, Central Siberia and Mongolia. FP: *Agropyron*, *Lolium*, *Dactylis*, *Avena* and *Hordeum* spp.

Subfamily: CLYTHRINAE**Genus:** *Labidostomis* Germar, 1822

Labidostomis (s.str.) *rubripennis* (Lucas, 1845) – **A:** wil. Tlemcen: Mts. Atlas, 1000 m, Ain-Isser, 22. IV. 1986., RA et RI – Distributed in NW Africa.

Labidostomis (s.str.) *taxicornis* (Fabricius, 1792) – **A:** wi. Tizi-Ouzou: 8 km S of Makouda, bank of O. Sebaou, 9. V. 1990.; Maamar, 25. IV. 1990., RA et RI; wil. Blida: Mts Atlas, el-Hamдания, Wad Chiffa, 17. V. 1986.; Hamman-Melouane, 29. IV. 1990., RA et RI; wil. Médéa: Médéa, 30. IV. 1990.; Ouzera, 30. IV. 1990.; Tamesguide, 22. IV – 8. V. 1990., RA et RI; wil. Tipasa: Sidi Amar, bank of Oued el-Hachen, 4. V. 1990.; Berbessa, 18. IV. 1990.; Sidi Rached, 4. V. 1990., RA et RI; wil. Tlemcen: Mts Atlas, Sebdou, 1100 m, 22. IV. 1986.; 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Mostaganem, Oureah, 19. IV. 1986., RA et RI; wil. Relizane: Jdiouia,

bank of Jdiouia, 11-12. V. 1986., RA et RI; wil. Sidi bel Abbes: Ain-el-Berd, 23. IV. 1986., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; M occ.: V. 1982., FB; (Pass) Tizi-n Test, 1519 m, 9-10. V. 2008., RGY; 22 km N of Taddart, 1425 m, 29. IV – 1. V. 2008., RGY – Distributed in W part of Mediterranean area. FP: *Rumex* spp.

Labidostomis (Chlorostola) hordei (Fabricius, 1787) – A: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 26. IV. 1986., 14. V. 1986., Terny, 1400 m Tal-Terny, 7. V. 1986., RA et RI; wil. Sidi bel Abbes: Ain-el-Berd, 4. V. 1985., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Tipasa: Sidi Rached, 4 V. 1990., RA et RI; wil. Bouira: Lakhdaria, 25. IV. 1990., RA et RI – Distributed in Spain, Portugal and Morocco.

Genus: *Macrolenes* Chevrolat, 1837

Macrolenes dentipes (Olivier, 1808) – A: wil. Blida: Mts Atlas, el-Hamdania, Wad Chiffa, 17. V. 1986., RA et RI; wil. Oran: Kristel, Mte des Lions, 1. V. 1986., Mts. Atlas, 200 m, Ain-el Turk, 24. IV. 1986., RA et RI – General distribution: Mediterranean species. FP: *Rubus coriaria*, *Pistacia lentisus*, *Quercus* spp.

Genus: *Tituboea* Lacordaire, 1848

Tituboea biguttata (Olivier, 1791) – A: wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Blida: Mts. Atlas, el-Hamdania, Wad Chiffa, 17. V. 1986., RA et RI; M: Blua Takerta, V. 1982., FB; 14 km E of Ait Ourir, 968 m, 21. IV. 2008., RGY; 5 km W of Agdz, 974 m, 4. V. 2008., RGY; Casablanca, Near Deroua, 12. V. 2008., RGY; 22 km S of Settat, 209 m, 28. IV. 2008., RGY – Distributed in W part of Mediterranean area: Portugal, Spain, Morocco, Algeria, Sardinia, Sicily, S Italy.

Tituboea illigeri (Lacordaire, 1848) – A: wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI – Endemic species of Algeria.

Tituboea octopunctata (Fabricius, 1787) – A: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI; wil. Médéa: Tamesguide, 22. IV. 8. V. 1990., RA et RI; wil. Tizi-Ouzou: 8 km S of Makouda, bank of Oued Sebaou, 9. V. 1990., RA et RI; T: wil. Zaghouan: Hammam Jedidi, 27. V. 1995., PA – Distributed in Morocco, Algeria and Sicily.

Tituboea sexmaculata (Fabricius, 1781) – A: wil. Relizane: Jdiouia, bank of Jdiouia. 11-12. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI; M: 14 km E of Ourir, 968 m, 21. IV. 2008., RGY; 30 km N of Taddart, 29. IV. 2008., RGY – Mediterranean species. Distributed from NW Africa, Iberian Peninsula and S France to Asia Minor, Syria and Iran.

Tituboea tredecimpunctata (Desbrochers, 1870) – M: Ben Slimnal, V. 1982., FB – Distributed in Morocco and Algeria

Genus: *Lachnaia* Chevrolat, 1837

Lachnaia (Barathraea) cerealis (Olivier, 1808) – M: Souk el Tleta, Sidi Abbov, V. 1982., FB – Distributed in N Africa, Israel and Syria.

Lachnaia (s.str.) *hirta* (Fabricius, 1801) – M: 22 km N of Taddart, 1425 m, 29. IV – 1. V. 2008., RGY – Distributed in S France, Iberian Peninsula, NW Africa, Sicily and S Italy.

Lachnaia (s.str.) *lucidipennis* (Peyerimhoff, 1926) – M: (Pass) Tizi-n Test, 1519 m, 9-10. V. 2008., RGY – Occurs in Morocco.

Lachnaia (s.str.) *paradoxa* (Olivier, 1808) – **A**: wil. Tizi-Ouzou: 8 km S of Makouda, bank of O. Sebaou, 9. V. 1990., RA et RI; **M**: 14 km E of Ait Ourir, 968 m, 1. V. 2008., RGY et ÁL; 5 km N of Setat, 301 m, 12 V. 2008., RGY; 3 km SW of Taddart, 1656 m, 30. IV. 2008., RGY; 22 km S of Settat, 209 m, 28. IV. 2008., RGY; near Taddart, 1581 m, 1. V. 2008., RGY; **T**: Nabeul, 25-26. V. 1995., PA; wil. Kairouan: El Aroussa, 28. V. 1995., PA; wil. Nabeul: Tazarka, 29. V. 1995., PA – Distributed in Algeria, Morocco and S Spain.

Lachnaia (s.str.) *peyerimhoffi* (Kocher, 1953) – **M**: near Taddart, 1581 m, 1. V. 2008., RGY; 3 km S of Taddart, 1656 m, 30. IV. 2008., RGY; 22 km N of Taddart, 1425 m, 29. IV – 1. V. 2008., RGY – Distributed in Morocco.

Lachnaia (s.str.) *puncticollis* Chevrolat, 1840 – **A**: wil. Relizane: Oued Yaich, 10. V. 1986., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI – Distributed in S France, Iberian Peninsula, Morocco and Algeria.

Lachnaia (s.str.) *tristigma* (Lacordaire, 1848) – **A**: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1985., RA et RI – Distributed in N Africa, Iberian Peninsula, Italy and S France.

Lachnaia (s.str.) *variolosa* (Linnaeus, 1767) – **A**: wil. Mostaganem: Oureah, 19. IV. 1986., 6. V. 1986., RA et RI; wil. Oran: Kristel, Mte des Lions, 1. V. 1986; Mte Santa Cruz, 400 m, 21. IV. 1986.; Mts. Atlas, 200 m, Ain-el-Turk, 24. IV. 1986.; Madagh, coast of sea., 9. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Tipasa: Roman City, 19. IV. 1990.; Berbessa, 18. IV. 1990., RA et RI – Distributed in Algeria, Morocco and S Spain.

Lachnaia (s.str.) *vicina* Lacordaire, 1848 – **A**: wil. Tipasa: Berbessa 18. IV. 1990.; Sidi Amar, bank of Oued Hachen, 4. V. 1990., RA et RI; wil. Alger: Foret de Bainem, 21. IV. 1990., RA et RI; wil. Blida: Mts Atlas, El-Hamdania, Wad Chiffa, 17. V. 1986., RA et RI; wil. Oran: Gdyel, Mte des Lions, 400 m, 27. IV. 1986.; Kristel, Mte des Lions, 1. V. 1986.; Mts Atlas, 200 m, Ain-el-Turk, 24. IV. 1986., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Mostaganem: Oureah, 19. IV. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986.; Mts Atlas, 1000 m, Ain-Isser, 22. IV. 1986., RA et RI; wil. Sidi bel Abbès: Ain-el-Berd, 4. V. 1986., RA et RI; Algir: 16. V. 1986., RA et RI; wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI; wil. Tizi-Ouzou: Tigzirt, 9. V. 1990.; 8 km S of Makouda, bank of O. Sebaou, 9. V. 1990., RA et RI; wil. Médéa: Tamesguide, 22. IV – 8. V. 1990., RA et RI; **M**: Azrov, V. 1982., FB; Ben-Slimnal, V. 1982., FB; Novacec, V. 1982., FB; La Mamora, V. 1982., FB; Ketawa, V. 1982., FB; Blua-Takert, V. 1982., FB; Souk el Tleta, Sidi Abbou, V. 1982., FB – Distributed in Algeria, Morocco and S Spain.

Genus: *Smaragdina* Chevrolat, 1837

Smaragdina (s.str.) *limbifera* (Escalera, 1928) – **M**: 22 km N of Taddart, 1425 m, 29. IV – 1. V. 2008. RGY – Known in Middle and High Atlas.

Smaragdina (*Monrosia*) *algerica* (Weise, 1894) – **A**: wil. Tlemcen: Terny, 1400 m, Tal-Terny, 7. V. 1986., RA et RI; wil. Médéa: Médéa, 30. IV. 1990., RA et RI; wil. Relizane: Jdiouia, 12. V. 1986., RA et RI – Distributed in Algeria and Morocco.

Genus: *Otiocephala* Lefèvre, 1872

Otiocephala proxima (Cobos, 1957) – **M**: Touflight, 1. V. 2008., RGY; 10 km S of Taddart, (Pass) Tizi-n Tichka, 2089 m, 30. IV. 2008., RGY; Taddart, 1684 m, 29. IV. 2008., RGY – Described from Morocco. Collected 3 male and 3 female.

Otiocephala quadrinotata (Fabricius, 1787) – **A**: wil. Tlemcen: Mts Atlas, Sebdou, 1100 m, 30. IV. 1986.; Mts. Atlas, 1000 m, Ain-Isser, 22. IV. 1986., RA et RI; wil.

Médéa: Tamesguide, 22. IV – 8. V. 1990., RA et RI – Distributed in Morocco and Algeria.

Genus: *Coptocephala* Chevrolat, 1837

Coptocephala bisrinotata (Fabricius, 1803) – **M:** Azrov, V. 1982., FB – Distributed in western part of Morocco.

Coptocephala crassipes Lefèvre, 1876 – **A:** wil. M'Sila: Ain el-Hadjel, 7. V. 1990., RA et RI; **M:** 10 km SE of Igherm, Touzzount, 1615 m, 9. V. 2008., RGY – Nominotypical form distributed in Morocco and Algeria.

Coptocephala melanocephala Olivier, 1808 (= *plagiocephala* Fabricius, 1772) – **A:** wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI – Distributed in the Eastern part of Morocco, Algeria and Tunisia.

Coptocephala unicolor (Lucas, 1845) – **A:** wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI; **T:** Hammamet, Bupput, 12. V. 2001., RA – W Mediterranean species, from Morocco and Iberian Peninsula to Sicily.

Subfamily: CRYPTOCEPHALINAE

Genus: *Pachybrachis* Chevrolat, 1837

Pachybrachis (Chloropachys) pici (Chobaut, 1896) – **M:** 22 km N of Taddart, 1425 m, 29. IV – 1. V. 2008., RGY – Distributed in Morocco and Algeria.

Genus: *Cryptocephalus* Müller, 1764

Cryptocephalus (Cerodens) emiliae Kocher, 1955 – **M:** 10 km S of Taddart, 2118 m, 2. V. 2008., RGY; 10 km S of Taddart, (Pass) Tizi-n Tichka, 2118 m, 2. V. 2008., RGY – Distributed in Morocco.

Cryptocephalus (s.str.) *baeticus* Suffrian, 1847 – **M:** 10 km S of Taddart, Tizi'n Tichka-pass, 2118 m, 2. V. 2008., RGY – Distributed in the Iberian Peninsula, Morocco and Algeria.

Cryptocephalus (s.str.) *crassus* Olivier, 1791 – **M:** 14 km E of Ait Ourir, 968 m, 21. IV. 2008., RGY – Distributed in Italy, S. France, Iberian Peninsula, Morocco, Algeria, Tunisia.

Cryptocephalus (s.str.) *numidicus* Boudronné, 1994 – **M:** (Pass) Tizi-n Test, 1519 m, 9-10. V. 2008., RGY; 22 km N pf Taddart, 1425 m, 29. IV – 1. V. 2008., RGY – Distributed in Morocco, Algeria and Tunisia.

Cryptocephalus (s.str.) *perrisi* Tappes, 1869 – **M:** 10 km S of Taddart, Tizi'n Tichka-pass, 2118 m, 2. V. 2008., RGY – Distributed in Morocco and Algeria.

Cryptocephalus (s.str.) *rugicollis* Olivier, 1791 – **A:** wil. Oran: Mt Santa Cruz, 400 m, 21. IV. 1986.; El-Ancor, Foret de M'Sila, 25. IV. 1986.; Mte des Lions, Gdyl, 400 m, 27. IV. 1986.; Mts Atlas, 200 m, Ain-el-Turk, 24. IV. 1986., Madagh, coast of sea, 9. V. 1986., RA et RI; wil. Médéa: Tamesguide, 22. IV – 8. V. 1990.; Médéa, 30. IV. 1990.; Ouzera, 30. IV. 1990. RA et RI; wil. Sidi bel Abbes: Ain-el-Berd, 23. IV. 1986., 4. V. 1986., RA et RI; wil. Mostaganem: Oureah, 19. IV. 1986., 6. V. 1986.; El-Macta, Foret de Macta, 28. IV. 1986., RA et RI; wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Tlemcen: Mts Atlas, Sebdu, 1100 m, 30. IV. 1986.; 9 km N of Remchi, bank of Oued Tafna, 26. IV. 1986., 14. V. 1986., RA et RI; wil. Tizi-Ouzou: 8 km S of Makouda, bank of O. Sebaou, 9. V. 1990., RAQ et RI; wil. Bouira: Kadiria, 25. IV. 1990.; Ammal, 25. IV. 1990.; Lakhdaria, 25. IV. 1990.; Draa-el-Mizan, 25. IV. 1990., RA

et RI; wil. Tipasa: Sidi-Rache4d, 4. V. 1990., RA et RI; wil. Boumerdes: Zemmouri, 23. IV. 1990., RA et RI; Alger: Clairval, Cité Olympique, 16. IV. – 10. V. 1990., RA et RI; wil. Blida: 9 km S of Larba, 17. IV. 1990., RA et RI; **M**: Saida, V. 1982., FB; Ketawa, V. 1982., FB; Zaers, V. 1982., FB; Blua-Takerta, V. 1982., FB; 10 km S of Taddart, (Pass) Tizi-n Tichka, 2089 m, 30. IV. 2008., RGY et ÁL; 104 km E of Ait Ourir, 968 m, 1. V. 2008., 12. V. 2008., RGY – Distributed in the western part of the Mediterranean area, from Morocco and Portugal to NE Italy.

Cryptocephalus (s.str.) *tristigma* Charpentier, 1825 – **M**: (Pass) Tizi-n Test, 1519 m, 9-10. V. 2008., RGY; 14 km E of Ait Ourir, 968 m, 21. IV. 2008., RGY – Nominotypical subspecies distributed in Morocco, Algeria and Tunisia.

Cryptocephalus (*Burlinius*) *abdominalis* Weise, 1886 – **A**: wil. Médéa: Médéa, 30. IV. 1990., RA et RI – Distributed in N Africa.

Cryptocephalus (*Burlinius*) *alboscuteclatus* Suffrian, 1853 (= *Cryptocephalus saucius* Truqui, 1852) – **A**: wil. Oran: El-Ancor, Foret de M'Sila, 9. V. 1986., RA et RI; wil. Tlemcen: Mts Atlas, 1000 m, Ain-Isser, 22. IV. 1986., RA et RI; wil. Boumerdes: Zemmouri, 23. IV. 1990., RA et RI – Distributed in Morocco, Algeria, Tunisia, Iberian Peninsula, Balearic Island, Sicily and S Italy.

Cryptocephalus (*Burlinius*) *borowieci* Warchalowski, 1999 – **A**: wil. Oran: El-Macta, 60 km E of Oran, 20. IV. 1986., RA et RI – Distributed in Morocco and Algeria.

Cryptocephalus (*Burlinius*) *macellus* Suffrian, 1860 – **A**: wil. Tipasa: Tipasa, Roman City, 19. IV. 1990., RA et RI – Distributed in Middle and S Europe, Tunisia, in the area of Black Sea. FP: *Prunus spinosa*, *Quercus* sp. New in Algeria.

Cryptocephalus (*Burlinius*) *oraniensis* Weise, 1882 – **A**: wil. Mostaganem: El-Macta, 20. IV. 1986., RA et RI – Endemic spesies of Algeria.

Cryptocephalus (*Burlinius*) *pallidocinctus* Fairmaire, 1867 – **M**: (Pass) Tizi-n Test, 1519 m, 9-10. V. 2008., RGY – Distributed in Morocco and Algeria.

Subfamily: EUMOLPINAE

Genus: *Chloropterus* Morawitz, 1851

Chloropterus pallidus Chobaut, 1898 – **M**: Erg Hamada, Qulad Driss, 573 m, 4. V. 2008., RGY – Distributed in the Algerian Sahara.

Genus: *Macrocoma* Chapuis, 1874

Macrocoma bolivari Escalera, 1914 – **M**: 14 km E of Ourir, 968 m, 1. V. 2008., 12. V. 2008., RGY et ÁL – Distributed in Morocco, endemic species.

Macrocoma brunnipes (Olivier, 1808) – **M**: Argana, 30. V. 1994, leg. Romsauer J.; H. Atlas, Zizi'n-Test, 2. VI. 1994., leg. Romsauer J. – Distributed in the Mediterranean area.

Macrocoma henoni (Pic, 1894) – **M**: 14 km E of Ait Ourir, 968 m, 1. V. 2008., RGY – Distributed mainly in N Morocco and in Algeria

Macrocoma leprieuri (Lefèvre, 1876) – **M**: Haut-Atlas, 5 km from Zerkten, 23. VI. 2009., SZD – Distributed in Morocco, Algeria and Tunisia.

Genus: *Pachnephorus* Redtenbacher, 1845

Pachnephorus cylindricus Lucas, 1849 – **A**: Alger: Clairval, Cité Olympique, 16. IV – 10. V. 1990., RI; wil. Médéa: Tamesguide, 22. IV – 8. V. 1990., RA et RI; wil. Bouira: Ammal, 25. IV. 1990., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI – Distributed in S France, Iberian Peninsula, Morocco and Algeria.

Genus: *Colaspidea* Laporte, 1833

Colaspidea globosa (Küster, 1848) – **A:** wil. Oran, Mts. Atlas, 200 m, Ain-el-Turk, 24. IV. 1986.; El-Ancor, Foret de M'Sila, 25. IV. 1986., RA et RI; wil. Mostaganem: El-Macta, Foret de Macta, 28. IV. 1986., RA et RI – Distributed in S France, Iberian Peninsula and Algeria.

Colaspidea ovulum Fairmaire, 1866 – **A:** wil. Oran: Foret de M'Sila, 25. IV. 1986., Ain-el Turk, 24. IV. 1986.; EL Macta, 60 km E of Oran, 120. IV. 1986., RA et RI; wil. Médéa: Médéa, 30. IV. 1990., RA et RI - Distributed in Algeria and Tunisia.

Subfamily: CHRYSOMELINAE

Genus: *Timarcha* Latreille, 1829

Timarcha (s.str.) *laevigata* (Linnaeus, 1767) – **A:** wil. Djelfa: Ain-Oussera, 11. V. 1990., RA et RI; wil. M'Sila: Ain-el-Hadjel, 7. V. 1990.; Bou-Saada, 7. V. 1990., RA et RI; – Distributed in Algeria and Tunisia.

Timarcha (s.str.) *rugosa* (Linnaeus, 1767) – **A:** wil. Tlemcen: Mts. Atlas, 1100 m, Sebdou, 23 XII. 1984., FB, 30. IV. 1986., 3. V. 1986., RA et RI; 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Sidi bel Abbès: Ain-el- Berd, 23. IV. 1986., RA et RI; wil. Mostaganem: El-Macta, Foret de Macta, 20. IV. 1986., RA et RI; wil. Oran: Mte des Lions, Gdyel, 400 m, 27. IV. 1986., Mte des Lions, Kristel, 1. V. 1986., RA et RI; vil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986., RA et RI; wil. Bouira: Dirah, 1. V. 1990., RA et RI; wil. Médéa: Bougzoul, shore of lake, 11. V. 1990., RA et RI; wil. M'Sila: Ain-el-Hadjel, 7. V. 1990., RA et RI; wil. Boumerdes: Zemmouri, 23. IV. 1990., RA et RI; Alger: Clairval, Cité Olympique, 16. IV – 10. V. 1990., RI; **M:** Casablanca, Bouznika, I. 1982., FB; 12. V. 2008., RGY et ÁL; Casablanca, near Deroua, 12. V. 2008., RGY; Casa Jadida, 5. 1982., FB; **T:** wil. Sourre: Si el-Hani, 30. V. 1995., PA – Distributed in the northern parts of Morocco, Algeria and Tunisia.

Timarcha (s.str.) *scabra* (Olivier, 1807) – **M:** Oued-Sous, V. 1982., FB – Distribution in the Moroccan coast of the Atlantic.

Genus: *Chrysolina* Motschoulsky, 1860

Chrysolina (*Maenadochrysa*) *affinis baetica* Suffrian, 1851 – **A:** wil. Relizane: Oued Yaich, 10. V. 1986., RA et RI; wil. Tlemcen: Mts. Atlas, 1000 m, Ain-Isser, 22. IV. 1986., RA et RI.

Chrysolina (*Taeniochrysa*) *americana* (Linnaeus, 1758) – **A:** wil. Mostaganem: El-Macta, Foret de Macta, 60 km E of Oran, 20. IV. 1986., 28-29. IV. 1986.; Oureah, 19. IV. 1986., RA et RI; wil. Oran: Mts. Atlas, 200 m, Ain-el-Turk, 24. IV. 1986., 2. V. 1986.; Madagh, coast of sea, 9. V. 1986., les Andalouses, coast of sea, 2. V. 1986.; Kristel, Mte des Lions, 1. V. 1986., Gdyel, 400 m, Mte des Lions, 27. IV. 1986., RA et RI; Algir: 16. V. 1986., leg. Bleicher Pál; **M:** Aguelmana, Azigza, V. 1982., FB; Novacec, V. 1982., FB – Distributed in the whole basin of the Mediterranean Sea. FP: *Rosmarinus officinalis*, *Brassica oleracea*, *Lavandula*, *Labiatae* spp.

Chrysolina (*Chrysolina* s.str.) *bankii* (Fabricius, 1775) – **A:** wil. Mostaganem: El-Macta, Foret de Macta, 20. IV. 1986., 28-29. IV. 1986.; Oureah, 6. V. 1986., RA et RI; wil. Sidi bel Abbès: Ain-el-Berd, 23. IV. 1986., 4. V. 1986., RA et RI; wil. Oran: Mte des Lions, Kristel, 1. V. 1986.; Mte des Lions, Gdyel, 400 m, 27. IV. 1986.; El-Ancor, Foret de M'Sila, 25. IV. 1986.; Mts. Atlas, 200 m, Ain-el-Turk, 24. IV. 1986., 2. V. 1986., RA et RI; wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10 V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 26. IV. 1986., 14. V. 1986., wil. El-Khemis: bank of Oued Suffa, 18. IV. 1986., RA et RI; wil. Mascara: Bou-

Hanifia, 8. V. 1986., RA et RI; wil. Blida: 9 km S of Larba, 17. IV. 1990., RA et RI; wil. Tizi-Ouzou: Tizi-Ouzou, 9. V. 1990., RA et RI; **M**: Bouznika, I. 1983., FB, Casa Jadida, V. 1982., FB; Blua-Takerta, V. 1982. FB; Saidia, V. 1982., FB; 22 km N of Settat, 209 m, 28. IV. 2008., RGY – Distributed in the western part of the Mediterranean area, W France, Ireland and England.

Chrysolina (Centoptera) bicolor (Fabricius, 1775) – **A**: wil. Mostaganem: Oureah, 19. IV. 1986., RA et RI; wil. Djelfa: Rocher de Sel, 11. V. 1990., RA et RI – Distributed in the Canary Islands, NW Africa, Iberian Peninsula, Sicily, Malta and S Balkan Peninsula.

Chrysolina (Palaeosticta) numida (Reiche, 1864) – **A**: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Mostaganem: El-Macta, 20. IV. 1986.; Oureah, 19. IV. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. IV. 1986., 14. V. 1986., RA et RI; wil. Oran: Mte des Lions, Gdyl, 400 m, 27. IV. 1986., RA et RI; wil. Sidi bel Abbes: Ain el Berd, 23. IV. 1986., RA et RI; wil. Mascara: Mascara, 1. I. 1985., FB; **M**: Ketawa, V. 1982., FB; Souk el Tleta, Sidi Abbou, V. 1982., FB; Ben – Slimnal, V. 1982., FB; Blua-Takerta, V. 1982., FB; Ifrane, V. 1982., FB – Distributed in Morocco and W Algeria.

Chrysolina (Hypericia) quadrigemina Suffrian, 1851 – **M**: Bouznika, V. 1982., FB – Distributed in Algeria, Iberian Peninsula, Italy, Dalmatia, Austria and Switzerland.

Chrysolina (Synerga) viridana (Küster, 1844) – **M**: Ksiba, V. 1982., FB – Distributed in N Africa, S Spain, Corsica, Sardinia, Sicily and S Italy.

Genus: *Colaspidema* Laporte, 1833

Colaspidema atrum (Olivier, 1799) – **A**: wil. Blida: 12 km E of Larba, 17. IV. 1990., RA et RI; wil. Tipasa: Tipasa, Roman City, 19. IV. 1990.; Berbessa, 18. IV. 1990., RA et RI; **M**: Novacec, V. 1982., FB; Ifrane, V. 1982., FB – Distributed in France, Iberian Peninsula, Morocco and Algeria.

Genus: *Prasocuris* Latreille, 1802

Prasocuris junci (Brahm, 1790) – **A**: wil. Médéa: Médéa, 30. IV. 1990., RA et RI – Distributed in Europa, S Turkey and Azerbaijan. New in Algeria. FP: *Veronica becbungna*, *Anagallis aquatica*, *Ranunculus scleratus*, *Umbelliferae*, and *Simum* sp.

Genus: *Gonioctena* Chevrolat, 1837

Gonioctena (Spartoxena) variabilis (Olivier, 1790) – **M**: Ketawe, V. 1982., FB; Blua-Takerta, V. 1982., FB; Azvor, V. 1982., FB – Distributed in S France and Spain. FP: *Genista scorpius*.

Genus: *Entomoscelis* Chevrolat, 1837

Entomoscelis occidentalis Escalera, 1914 – **M**: 22 km S of Settat, 209 m, 28. IV. 2008., RGY; 64 km O of Setat, Skhour des Rehamna, 427 m, 12. V. 2008, RGY – Distributed in Morocco. According to some authors it is a western form of *E. cornea*.

Entomoscelis rumicis (Fabricius, 1887) – **A**: wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; wil. Relizane: Oued Yaich, 10. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 26. IV. 1986., RA et RI; wil. Djelfa: Rocher de Sel, 11. V. 1990., RA et RI – Distributed in S Spain and N Africa.

Subfamily: GALERUCINAE**Genus:** *Diorhabda* Weise, 1883

Diorhabda elongata (Brullé, 1832) – **M:** High Atlas, Aonlouz, 28. V – 1. VI. 1995., leg. Romsauer J. – Palearctic species, distributed in whole basin of the Mediterranean Sea, Asia Minor, Caucasian countries, Central Asia and Mongolia.

Genus: *Galeruca* Müller, 1764

Galeruca (s.str.) *angulicollis* Kocher, 1958 – **A:** Mascara, 1. I. 1985., FB – Distributed in the High and Middle Atlas.

Galeruca (s.str.) *barbara* (Erichson, 1841) – **A:** wil. Oran: Madagh, coast of sea, 9. V. 1986., RA et RI; wil. Tlemcen: Mts Atlas, Sebdou, 1100 m, 3. V. 1986., RA et RI – Distributed in N Africa.

Galeruca (s.str.) *interrupta interrupta* Illiger, 1802 – **A:** wil. Médéa: Bougzoul, 11. V. 1990., RA et RI; wil. M'Sila: Ain-el-Hadjel, 7. V. 1990., RA et RI – This subspecies distributed in N Africa, S and Central Europa and Ukraina. FP: *Artemisia campestris*, *Cardaria draba*, *Gramineae* sp.

Genus: *Exosoma* Jacoby, 1903

Exosoma lusitanicum (Linnaeus, 1767) – **A:** wil. Oran: Mte des Lions, Gdyel, 400 m, 27. IV. 1986., RI et RA; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Médéa: Médéa, 30. IV. 1990.; El-Hamдания, bank of Chiffa, 22. IV. 1990.; Ouzera, 30. IV. 1990., Tamesguide, 22. IV – 8. V. 1990., RA et RI; wil. Bouira, Lakhdaria, 25. IV. 1990.; Draa-el-Mizan, 25. IV. 1990.; Kadiria, 25. IV. 1990.; Dirah, 1. V. 1990., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI; wil. Djelfa: Rocher de Sel, 11. V. 1990., RA et RI; Alger: Clairval, Cité Olympique, 16. IV – 10. V. 1990., RA et RI; **M:** La Mamora, V. 1987., FB; 14 km E of Ait Ourir, 968 m, 1. V. 2006., RGY et Ál; **T:** wil. Kairouan: Ouestletin, 27. V. 1995., RA – Distributed in France, Italy, Iberian Peninsula, Morocco, Algeria, and Tunisia.

Subfamily: HALTICINAE**Genus:** *Phyllotreta* Chevrolat, 1837

Phyllotreta atra (Fabricius, 1775) – **A:** wil. Alger: Cheraga, 26. IV. 1990., RA et RI – Distributed in almost whole Europe, Morocco and Algeria, in western part of Asia to Mongolia. FP: *Brassicaceae*, *Resedaceae*, *Cruciferae* spp, *Tropeolum maius*.

Phyllotreta consobrina (Curtis, 1837) – **A:** wil. Relzane: Oued Yaich, 10. V. 1986., RA et RI; wil. Médéa: Ouzera, 30. IV. 1990., RA et RI; wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI; wil. Bouira: Lakhdaria, 25. IV. 1990., RA et RI; wil. Tizi-Ouzou: 8 km S of Makouda, bank of O. Sebaou, 9. V. 1990., RA et RI; wil. Blida: 9 km S of Larba, 17. IV. 1990., RA et RI; **M:** 14 km E of Ait Ourir, 968 m, 24. IV. 2008., RGY – Distributed in western part of Mediterranean area from the Cape Verde Islands, Madeira and Great Britain to Tunisia, N Italy and Croatia.

Phyllotreta fallaciosa Heikertinger, 1941 – **A:** wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI; wil. Sidi bel Abbes: Ain-el-Berd, 23. IV. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Alger: Cheraga, 25. IV. 1990., RA et RI; wil. Bouira: Lakhdaria, 25. IV. 1990., RA et RI – Distributed in almost the whole Mediterranean area, Near East, and Iran

Phyllotreta nitidicollis Weise, 1888 – A: wil. Blida: 12 km E of Larba, 17. IV. 1990., RA et RI; wil. Oran: Mte des Lions, Gdyel, 400 m, 27. IV. 1986., RA et RI; wil. Sidi bel Abbes: Ain-el-Berd, 23. IV. 1986., RA et RI; wil. Tlemcen: Mts. Atlas, 1000 m, Ain-Isser, 22. IV. 1986., RA et RI – Distributed in N Africa from Morocco to Lybia and in Sicily.

Phyllotreta parallela (Boieldieu, 1859) – A: wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI – Distributed in France, Italy, Iberian Peninsula and NW Africa.

Phyllotreta procera (Redtenbacher, 1849) – A: wil. Oran: Madagh, coast of sea, 9. V. 1986., RA et RI – Distributed in the Cape Verde Islands, Canary Islands and Madeira, Mediterranean area, in the southern part of Central Europe, Balkan Peninsula, Asia Minor, Near East and Black and Caspian Sea to Central Asia. FP: *Reseda lutea*, *Reseda luteola*, *Reseda complicata*, *Reseda media*, *Reseda lanceolata*.

Phyllotreta rugifrons Küster, 1849 – A: wil. Médéa: Ouzera, 30. IV. 1990., RA et RI – Distributed in the Mediterranean area from Morocco and Portugal to Syria and Israel.

Phyllotreta tunisea Pic, 1909 – A: wil. Blida: 9 km S of Larba, 17. IV. 1990., RA et RI – Distributed in Tunisia and Algeria.

Genus: *Aphthona* Chevrolat, 1837

Aphthona beauprei Pic, 1915 – A: wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI – Endemic species of Algeria.

Aphthona euphorbiae (Schränk, 1781) – A: wil. Blida: 9 km S of Larba, 17. IV. 1990., RA et RI; wil. Tipasa: Sidi Rached, 4. V. 1990., RA et RI; wil. Alger: Foret de Bainem, 21. IV. 1990., RA et RI – W Palaearctic species, distributed in Morocco, Portugal and Ireland to W Siberia, Near East, Asia Minor and the Caucasian countries. FP: *Euphorbia cyparissias*, *Euphorbia esula*, *Linum usitatissimum*.

Aphthona nigriceps (Redtenbacher, 1842) – A: wil. Bouira: Lakhdaria, 25. IV. 1990., RA et RI – Distributed in African and Europea part of the Mediterranean area, Balkan Peninsula, Crimea, Israel, Syria, Asia Minor and the Caucasian countries.

Genus: *Longitarsus* Berthold, 1827

Longitarsus (s.str.) *albivestis* (Foudras, 1860) – A: wil. Relizane: Oued Yaich, 10. V. 1986., RA et RI – Distributed in Mediterranean area, Asia Minor and Central Asia, FP: *Heliotropium europaeum* and *Heliotropium supinum*, *Helianthemum* sp.

Longitarsus (s.str.) *atricillus* (Linnaeus, 1761) – A: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986., RA et RI – Distributed in most parts of Europe, in NW Africa and Asia Minor. FP: *Ranunculus* and *Mentha* spp.

Genus: *Chaetocnema* Stephens, 1831

Chaetocnema (*Tlanoma*) *chlorophana* (Duftschmid, 1825) – A: wil. Médéa: Tamesguide, 22. IV – 8. V. 1986., RA et RI – Distributed in the Mediterranean area and in the southern part of Europe, Asia Minor, the Caucasian countries and the Near East. FP: *Calamagrostis epigeios* and *Agrostis alba*.

Genus: *Crepidodera* Chevrolat, 1837

Crepidodera aurea (Geoffroy, 1785) – A: wil. Sidi bel Abbes: Ain-el-Berd, 23. IV. 1984., RA et RI – Distributed in Europe, Asia minor and W Asia. FP: *Populus nigra*, *Populus tremula*, *Salix caprea*.

Crepidodera fulvicornis (Fabricius, 1792) – A: wil. Tipasa: Berbessa, 18. IV. 1990., RA et RI; wil. Alger: Cheraga, 26. IV. 1990., RA et RI – Distributed from Spain and the British Isles to Mongolia and the Amur Basin.

Genus: *Podagrica* Chevrolat, 1837

Podagrica malvae semirufa Küster, 1847 – **A:** wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 26. IV. 1986., RA et RI; wil. Oran: Mte des Lions, Kristel I. V. 1986.; Mts. Atlas, 200 m, Ain-el-Turk, 24. IV. 1986., RA et RI; wil. Alger: Cheraga, 26. IV. 1990.; Clairval, Cité Olympique, 16. IV – 10. V. 1990., RI; wil. Tipasa: Tipasa, Roman city, 19. IV. 1990.; Sidi Rached, 4. V. 1990., RA et RI – Distributed in the western part of Mediterranean area. FP: *Althea* spp.

Genus: *Mantura* Stephens, 1831

Mantura (s.str.) *chrysanthemi diluta* Abeille, 1895 – **A:** wil. Oran: El-Ancor, Foret de M'Sila, 25. IV. 1986., RA et RI – Distributed in N Africa and Sardinia. FP: *Rumex* spp.

Genus: *Oedionychus* Berthold, 1827

Oedionychus limbatus (Fabricius, 1789) – **M:** Blua-Takerta, V. 1982., FB – Distributed in S Spain, Morocco and Algeria.

Genus: *Dibolia* Latreille, 1829

Dibolia maura Allard, 1860 – **A:** wil. Tipasa: Tipasa, Roman City, 19. IV. 1990., RA et RI – Distributed in Algeria, Tunisia and Sicily.

Genus: *Psylliodes* Berthold, 1827

Psylliodes (s.str.) *chalcomerus* (Illiger, 1807) – **A:** wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; wil. Oran: Madagh, coast of sea, 9. V. 1986., RA et RI – Transpalaeartic species distributed from Morocco and England to the Russian Far East. FP: *Carduus* and *Cirsium* spp.

Psylliodes (s.str.) *chrysocephalus angulicollis* Heikertinger, 1926 – **A:** wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986.; Oued Yaich, 10. V. 1986., RA et RI – Distributed in Algeria. FP: *Brassicaceae*. *Raphanus*, *Sisymbrium* spp.

Psylliodes (s.str.) *chrysocephalus collaris* Weise, 1888 – **A:** wil. Tizi-Ouzou: 8 km S of Makouda, bank of Sebaou, 9. V. 1990., RA et RI – Distributed in Algeria. FP: *Brassicaceae*.

Psylliodes (s.str.) *cupreus* (Koch, 1803) – **A:** wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; wil. Tizi-Ouzou: 8 km S of Makouda, bank of O. Sebaou, 9. V. 1990., RA et RI; wil. Tipasa: Berbessa, 18. VI. 1990., RA et RI – Distributed in Europe, N Africa, Asia Minor, Near East, Central Asia and Transbaicalia and Mongolia. FP: *Sisymbrium officinale*, *Brassica nigra*, *Diplotaxis muralis*, *Alyssum* sp.

Psylliodes (s.str.) *fusiformis* (Illiger, 1807) – **A:** wil. Médéa: Médéa, 30. IV. 1990.; Ouzera, 30. IV. 1990., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Blida: 12 km E of Larba, 17. IV. 1990., RA et RI; wil. Tizi-Ouzou: 8 km S of Makouda, bank of Sebaou, 9. V. 1990., RA et RI – Distributed in the W Mediterranean area: S Spain, Italy, Sardinia, Sicily, N Africa and around the Adriatic Sea.

Psylliodes (s.str.) *gibbosus* Allard, 1860 – **A:** wil. Oran: El-Ancor, Foret de M'Sila, 25. IV. 1986., RA et RI – Distributed in N Africa, Italy, Corsica, Sardinia, Sicily and Croatia.

Psylliodes (s.str.) *heikertingeri* Jacobson, 1922 – **A:** wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Médéa: Ouzera, 30. IV. 1990., RA et RI; wil. Blida: 12 km E of Larba, 17. IV. 1990., RA et RI; wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; wil. Oran: Mte des Lions, Gdyel, 400 m, 27. IV. 1986., RA et RI; wil. Relizane: Oued Yaich, 10. V. 1986., RA et RI – Endemic species of Algeria.

Psylliodes (s.str.) *hospes* Wollaston, 1854 – **A**: wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; **M**: 40 km SE of Qurzazate, Pass Tizi'n Tiniffit, 1606 m, 5. V. 2008., RGY, prov. Quarzazate: 5 km N of Anezol, Bachkoun, 1533 m, Pass Tizi'n Bachkoun, 3-4. V. 2008., RGY; 14 km E of Ait Ourir, 968 m, 24. IV. 2008., RGY – Mediterranean species, distributed from the Cape Verde Islands, to the Near East and Saudi Arabia, in Europe from France, the Iberian Peninsula and Italy.

Psylliodes (s.str.) *inflatus* Reiche et Saulcy, 1858 – **A**: wil. Mostaganem: Oureah, 6. V. 1986., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI; wil. Oran: Mte des Lions, Gdyl, 400 m, 27. IV. 1986., RA et RI; wil. Tipasa: Tipasa, Roman City, 19. IV. 1990., RA et RI; wil. Sidi bel Abbes: Ain –el-Berd, 4. V. 1986., RA et RI – Mediterranean species, distributed in S Spain, Malta, Sicily, Sardinia, N Africa, Asia Minor and Near East.

Psylliodes (s.str.) *instabilis* Foudras, 1860 – **A**: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986., RA et RI – Distributed in whole Mediterranean area, southern part of Europe, Asia Minor, Near East and the Caucasian countries. FP: *Sinapis arvensis*, *Alyssum montanum*, *Iberis* and *Erysimum* spp.

Psylliodes (s.str.) *maroccanus* Heikertinger, 1916 – **A**: wil. Oran: El-Macta, 60 km E of Oran, 20. IV. 1986., RA et RI – Distributed in the Canary Islands, Morocco, Corsica, Sardinia and S Italy. New to Algeria.

Psylliodes (s.str.) *napi* (Fabricius, 1792) – **A**: wil. Oran: El-Ancor, Foret de M'Sila, 25. IV. 1996., RA et RI – Distributed in almost whole Europe, N Africa, Asia Minor, the Caucasian countries and Kazakhstan FP: *Brassicaceae*: *Alliaria officinalis*, *Nasturtium*, *Cardamine*.

Psylliodes (s.str.) *pallidipennis* Rosenhauer, 1856 – **A**: wil. Mostaganem: Oureah, 6. V. 1986., RA et RI – Distributed in S Europe from Spain and France to Greece and in N Africa from Morocco to Tunisia.

Subfamily: HISPINAE

Genus: *Hispa* Linnaeus, 1767

Hispa atra Linnaeus, 1767 – **A**: wil. Médéa: Médéa, 30. IV. 1990.; Tamesguide, 22. IV – 8. V. 1990., RA et RI; wil. Alger: Cheraga, 26. IV. 1990., RA et RI; **M**: 10 km S of Taddart, (Pass) Tizi-n Tichka, 2089 m, 30. IV. 2008., RGY – Distributed in most part of Europe, the Mediterranean area, Near East, the Caucasian countries and W Asia to Mongolia and N China. FP: *Oryza sativum*, *Pyrus elaeagrifolia*, *Prunus amygdali*, *Agropyron repens*, *Poa*, *Juniperus*, *Madicago*, *Pinus*, *Platanus*, *Quercus*, *Rubus*, *Triticum*, *Ulmus*, *Verbascum*, *Helictotrichon* spp.

Subfamily: CASSIDINAE

Genus: *Ischyronota* Weise, 1891

Ischyronota brisouti (Schaller, 1783) – **M**: 30 km SE of Quarzazate 1480 m, 4. V. 2008., RGY et AL – Described from Algeria.

Genus: *Cassida* Linnaeus, 1758

Cassida (s.str.) *algirica* Lucas, 1849 – **A**: wil. Boumerdes: Zemmouri, 23. IV. 1990., RA et RI; wil. Médéa: Médéa, 30. IV. 1990.; Col des Deux-Bassins, 916 m, Mts. Atlas, 17. IV. 1990., RA et RI; Ouzera, 30. IV. 1990., RA et RI; wil. Tipasa: Tipasa, Roman City, 17. IV. 1990.; Sidi Rached, 4. V. 1990., RA et RI; wil. Mostaganem: El-Macta, Foret de Macta, 60 km E of Oran, 28. IV. 1986., RA et RI; wil. Bouira: Draa-el-Mizan,

25. IV. 1990.; Lakhdaria, 25. IV. 1990., RA et RI; wil. Alger: Cheraga, 26. IV. 1990., RA et RI; wil. Relizane: Jdiouia, 12. V. 1986., RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RI – Distributed in the Mediterranean area from Algeria and S Italy to Greece, Turkey and Armenia.

Cassida (s.str.) *deflorata* Suffrian, 1844 – A: wil. Tlemcen: Mts. Atlas, Sebdou, 1100 m 30. IV. 1986., RA et RI; wil. Tipasa: Sidi Amar, bank of Oued Hachen, 4. V. 1990.; Sidi Rached, 4. V. 1990., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI – Distributed in NW Africa, Iberian Peninsula, Sardinia, Sicily and Italy.

Cassida (s.str.) *humeralis* Kraatz, 1874 – A: wil. Relzane: Jdiouia, bank of Jdiouia, 11-12. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI – Distributed in Spain and S France. New in Algeria.

Cassida (s.str.) *inquinata* Brullé, 1832 – A: wil. Relizane: Jdiouia, bank of Jdiouia, 11-12. V. 1986., RA et RI; wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI; wil. Mascara: Bou-Hanifia, 8. V. 1986., RA et RI – Distributed the in Mediterranean area from Morocco to W Turkey, in Syria and the Caucasian countries, Turkmenistan.FP: *Matricaria*, *Anthemis* and *Ormenis* spp.

Cassida (s.str.) *rubiginosa* Müller, 1776 – A: wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 26. IV. 1986., RA et RI; wil. Tipasa: Sidi Amar, bank of Oued el- Hachen, 4. V. 1990., RA et RI – Panpalaeartic species, distributed from Morocco and the British Isles to Japan and Taiwan, introduced also to N America. FP: *Carduus* and *Cirsium* spp., *Onopordum acanthium*, *Arctium lappa*, *Sonchus oleraceus*, *Chrysanthemum vulgare* etc.

Cassida (*Cassidulella*) *vittata atlantica* Escalera, 1914 – A: wil. Tlemcen: 9 km N of Remchi, bank of Oued Tafna, 14. V. 1986., RA et RI – Transpalaeartic species, distributed from Morocco, Portugal and England to Japan.

Summary

This paper contains data related to the results of collecting expeditions conducted by István Rozner and Istvánné Rozner in 1986 and in 1990 in Algeria, by Francisco Bajet and György Rozner in Morocco in 1982 and in 2008 and by Istvánné Rozner in Tunisia in 1995. In the species list the leaf beetles' 9 subfamily's, 37 genera's 112 species are discussed.

Table 1: Divisions of the collected material by localities and subfamilies

Subfamily	Genus	Algeria	Morocco	Tunesia	Total sp.
		Total sp.	Total sp.	Total sp.	
CRIOCERINAE	2	3	-	-	3
CLYTHRINAE	7	18	12	3	26
CRYPTOCEPHALINAE	2	6	8	-	14
EUMOLPINAE	4	3	5	-	8
CHRYSOMELINAE	6	10	10	1	15
GALERUCINAE	3	4	2	1	5
HALTICINAE	10	32	1	-	33
HISPINAE	1	1	1	-	1
CASSIDINAE	2	6	1	-	7
TOTAL:	37	83	40	5	112

New records of 4 spp. were established in Algeria: *Cryptocephalus macellus* Suffrian, 1860, *Prasocuris junci* (Brahm, 1790), *Psylliodes maroccanus* Heikertinger, 1916, and *Cassida humeralis* Kraatz, 1874 and 1 sp. In Tunesia: *Coptocephala unicolor* (Lucas, 1845).

Acknowledgement

We thank Mr. and Mrs. Imre Mohos and Mr. Tamás Kőrösi for the invitations and assistance in our collecting expeditions in Algeria. We also thank Mr. Francisco Bajet (Spain, Barcelona) and Mr. Attila Podlussány for the Moroccan and Tunesian data. We thank Dr. George Hangay (Australia, Sydney) for the English translation of parts of this paper.

References

- KASZAB, Z. 1962: Levélbogarak – Chrysomelidae – In: Magyarország Állatvilága (Fauna Hungariae) IX, Akadémiai Kiadó, Budapest, 16: 1-416.
- ROZNER, I. 1996: An updated list of the Chrysomelidae of Hungary and the adjoining parts of the Carpathian Basin (Coleoptera) – Folia entomologica hungarica, Budapest, LVII, pp. 243-260.
- WARCHALOWSKI, A. 2003: Chrysomelidae. The leaf-beetles of Europa and the Mediterranean area. – Natura optima dux Foundation, Warszawa, pp. 600.