

## NEW GENUS, NEW SUBGENUS AND NEW RECORDS OF CURCULIONIDAE FOR THE IBERIAN FAUNA (COLEOPTERA)

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**Abstract:** Ten species of Curculionidae are recorded for the first time for the Iberian Fauna: *Ceutorhynchus chlorophanus* Rouget, 1857, *C. duvali* Ch. Brisout, 1869, *C. strejceki* Dieckmann, 1981, *Mogulones angulicollis* (Schultze, 1896), *Acalles misellus* Boheman, 1844, *Anthonomus phyllocola* (Herbst, 1795), *Barypeithes pyrenaicus* (Seidlitz, 1868), *Foucartia cremieri* Jacquelin du Val, 1854, *L. beckeri* Petri, 1907 and *Adexius scrobipennis* Gyllenhal, 1834. The genus *Adexius* Schoenherr, 1834 and subgenus *Anthomorphus* Weise, 1883 of the genus *Anthonomus* Germar, 1817 are also recorded as a new for the Iberian Fauna. *C. unguicularis* Thomson, 1871 is recorded for the first time south of the Pyrenees.

**Key words:** Coleoptera, Curculionidae, Iberian Peninsula, new records.

### Nuevo género, nuevo subgénero y nuevos registros de Curculionidae de la Península Ibérica (Coleoptera)

**Resumen:** Diez nuevas especies de Curculionidae son registradas por primera vez para la fauna ibérica: *Ceutorhynchus chlorophanus* Rouget, 1857, *C. duvali* Ch. Brisout, 1869, *C. strejceki* Dieckmann, 1981, *Mogulones angulicollis* (Schultze, 1896), *Acalles misellus* Boheman, 1844, *Anthonomus phyllocola* (Herbst, 1795), *Barypeithes pyrenaicus* (Seidlitz, 1868), *Foucartia cremieri* Jacquelin du Val, 1854, *L. beckeri* Petri, 1907 y *Adexius scrobipennis* Gyllenhal, 1834. El género *Adexius* Schoenherr, 1834 y el subgénero *Anthomorphus* Weise, 1883 del género *Anthonomus* Germar, 1817 son igualmente registradas como nuevas para la fauna Ibérica. *C. unguicularis* Thomson, 1871 ha sido capturado por primera vez al Sur de los Pirineos.

**Palabras clave:** Coleoptera, Curculionidae, Península Ibérica, nuevos registros.

During several entomological trips to Spain of the two first authors several species of Curculionidae not known from Spain were collected. This paper completes the check-list of Iberian Curculionidea, published by the third author (Alonso-Zarazaga, 2002). Materials reported in this paper are deposited in the general collection of Museo Nacional de Ciencias Naturales, Madrid (MNCN) or in coll. Alonso-Zarazaga of the same Museum (AZ), in the Deutsches Entomologisches Institut, Eberswalde (DEI) or in the private collections of R. Borovec, Nechanice (RB) or M. Meregalli, Rivalta (MM).

### CEUTORHYNCHINAE: CEUTORHYNCHINI

#### *Ceutorhynchus chlorophanus* Rouget, 1857

GRANADA: 3 spec., Sierra Nevada, 1900 (m) altitud, 30SVG5904, 25-VI-2002, José M. Gómez, *Erysimum mediohispanicum* [AZ].

This species is known from France, Belgium, Germany, Poland, Czech Rep., Austria, Hungary, Romania and Algeria. Its presence in Spain is not surprising, but the surprise comes from the location and the fact that the host plant, *E. mediohispanicum* Polatschek, is a strict Sierra Nevada endemite.

#### *Ceutorhynchus duvali* Ch. Brisout, 1869

CATALUÑA: 1 spec., Alp La Molina, 6.vi.1994, 1550 m, (UTM 31TDG1489), R. Borovec lgt., E. Colonnelli det., sifting along small river, MNCN.

The species is known from Albania, Bosnia-Herzegovina, France, Corsica, Italy, Sardinia, Sicily, Greece and the Near East.

#### *Ceutorhynchus strejceki* Dieckmann, 1981

ALMERÍA: 1 spec., Sierra Nevada mts., Cerro Almiraz, 1.vii.1997, 2200 m (UTM 30SVG0703), R. Borovec lgt., E. Colonnelli det., sifting of border of *Pinus* forest, MNCN.

The species is distributed in France, Italy, Austria, Czech Republic, Poland, Slovakia, Hungary, Bulgaria, Ukraine and Turkey.

#### *Ceutorhynchus unguicularis* Thomson, 1871

HUESCA: 1 spec., [El] Turbón, 16.vi.1994, 1400 m, (UTM 31TBH9504), R. Borovec lgt., E. Colonnelli det., night sweeping of pasture, MNCN.

Known from almost whole Europe: France, Great Britain, Ireland, Sweden, Denmark, Germany, Italy, Switzerland, Austria, Czech Republic, Poland, Slovakia, Hungary, Romania and Bulgaria. Already known for the North Pyrenean part of the province of Lérida: Casau (as Cazaux) (Hustache, 1925: 257). New for the southern slope of the Pyrenees.

#### *Mogulones angulicollis* (Schultze, 1896)

CATALUÑA: 2 spec., Alp La Molina, 6.vi.1994, 1550 m, (UTM 31TDG1489), R. Borovec lgt., E. Colonnelli det., sifting under *Myosotis* spec., MNCN, RB.

The species is known from France, Italy, Bosnia and

Herzegovina, Switzerland, Austria, Czech Republic, Poland, Slovakia, Hungary and Ukraine.

#### CRYPTORHYNCHINAE: TYLODINA

##### *Acalles misellus* Boheman, 1844

ÁLAVA: many spec., Sierra Cantabria, Senda de las Carboneras [Lagrán], 13.vi.1994, 1100 m [UTM 30TWN3416], sifting under *Fagus sylvatica*. BARCELONA: Many spec., Sierra Montseny, S[anta]. Fe, 9.vi.1994, 1200 m (UTM 31TDG4626), sifting under *Fagus sylvatica*. Many spec., Sierra Montseny, S[ant]. Marsal, [Montseny, UTM 31TDG5128], 9.vi.1994, 1100 m, sifting under *Quercus* sp. More spec., S[ant]. Celoni – Olzinellas, 10.vi.1994, 200 m (UTM 31TDG51), sifting under *Quercus* sp. HUESCA: 3 spec., 4 km S Castejón de Sos, 15.vi.1994, 900 m, (UTM 31TBH9207), sifting under *Hedera helix*. LÉRIDA: 3 spec., S. Llorenç de Morunys, Canal del Sal, 8.vi.1994, 800 m, (UTM 31TCG8366), sifting under *Quercus* sp. All specimens R. Borovec and M. Meregalli lgt., MNCN, RB, MM.

Known from France, Great Britain, Ireland, Sweden, Denmark and Germany.

#### CURCULIONINAE: ANTHONOMINI

##### *Anthonomus (Anthonomorphus) phyllocola* (Herbst, 1795)

LÉRIDA: many spec., Montellá-Martinet, Sierra del Cadí, Prat d'Aguiló, 7.vi.1994, 2150 m [UTM 31TCG9483], R. Borovec and M. Meregalli lgt., beating *Pinus* spec. [MNCN, RB, MM]. MADRID: 1 spec., Barranca de Navacerrada, 7-XI-[19]75, R. Outerelo leg. (hoj[arasca de] pino) [UTM 30TVL1513] [AZ]; 1 spec., Los Molinos, 1000 m, 7-XI-[19]75, R. Outerelo leg. (hoj[arasca de] Salix) [UTM 30TVL0806] [AZ]; 1 ex., Reajo Capón, 1800 m, Lozoya, 11-VII-1992, M.A. Alonso-Z. leg. [30TVL3538] [AZ]; 1 spec., P[uerto de] Navacerrada [UTM 30TVL1516] [MNCN]; 3 spec., [El] Escorial [UTM 30TVK09] [MNCN]; 1 spec., Cerced[illa], 16/7/[18]99 (wrongly labelled as *ab. obesior*) [UTM 30TVL01] [MNCN]; 1 spec., Cercedilla (Museo) [UTM 30TVL01] [MNCN]. SEGOVIA: 1 spec., S[an] Rafael [30TVL00] [MNCN].

Species known from the whole Europe, except of Mediterranean countries, and from Asia and Siberia (Dieckmann, 1968). It is interesting to remark that all the studied specimens belong to the phenotype named *pyrenaicus* Desbrochers, 1868. The last author is not so convinced (against Dieckmann's opinion) that this is not a good subspecies of *A. phyllocola*. The geographical separation of this form in southern France should be tested.

#### ENTIMINAE: SCIAPHILINI

##### *Barypeithes (Exomias) pyrenaicus* (Seidlitz, 1868)

ÁLAVA: many spec., Sierra Cantabria, between Pto Herrera and Pipaon, 13.vi.1994, 900 m (UTM 30TWN2615), R. Borovec and M. Meregalli lgt., sifting under *Fagus sylvatica* and *Quercus* spec., MNCN, RB, MM. Many spec., Sierra Cantabria, Senda de las Carboneras [Lagrán], 13.vi.1994, 800-1100 m (UTM

30TWN3417), R. Borovec and M. Meregalli lgt., sifting under *Fagus sylvatica* and *Quercus* spec., MNCN, RB, MM.

Species known from France, Great Britain and Ireland.

##### *Foucartia cremieri* Jacquelin du Val, 1854

ÁLAVA: many spec., Sierra Cantabria, between Pto Herrera and Pipaon, 13.vi.1994, 900 m (UTM 30TWN2615), R. Borovec and M. Meregalli lgt., night sweeping, MNCN, RB, MM. BARCELONA: many spec., Berga a Castellar del Riu, 8.vi.1994, 1300 m (UTM 31TCG9962), R. Borovec and M. Meregalli lgt., sweeping of grasses under *Pinus* spec. (MNCN, RB, MM); 1 spec. Collsuspina, 3.vii.1952, Villarubia lgt. (UTM 31TDG33) (MNCN); 1 spec. Balenyá, 29.v.1954, Villarubia lgt., (UTM 30TDG32) (MNCN). GERONA: 1 spec. S[an]. J[uan de las]. Abadesas, 5.vii.1935, M. González lgt. (UTM 31TDG47) (MNCN). Hitherto known only from France.

#### LIXINAE: LIXINI

##### *Larinus (Phyllonomeus) beckeri* Petri, 1907

ÁLAVA: 1 spec., Sierra Cantabria, Senda de las Carboneras [Lagrán], 13.vi.1994, 800-1100 m (UTM 30TWN3417), R. Borovec lgt., general sweeping on meadow, MNCN. HUESCA: 1 m., 1 f., Pyrenäen, Jaca, 1100 m (Warchaowski leg.), 2-VI-1988 [DEI]. This last record follows a personal communication of the late L. Dieckmann to the third author, that he never published.

So far reported only from Germany, Austria, Czech Republic, Slovakia and Hungary. In western and southern Europe probably more distributed, but often confused with the related *L. jaceae* (Fabricius, 1775).

#### MOLYTINAE: MOLYTINI

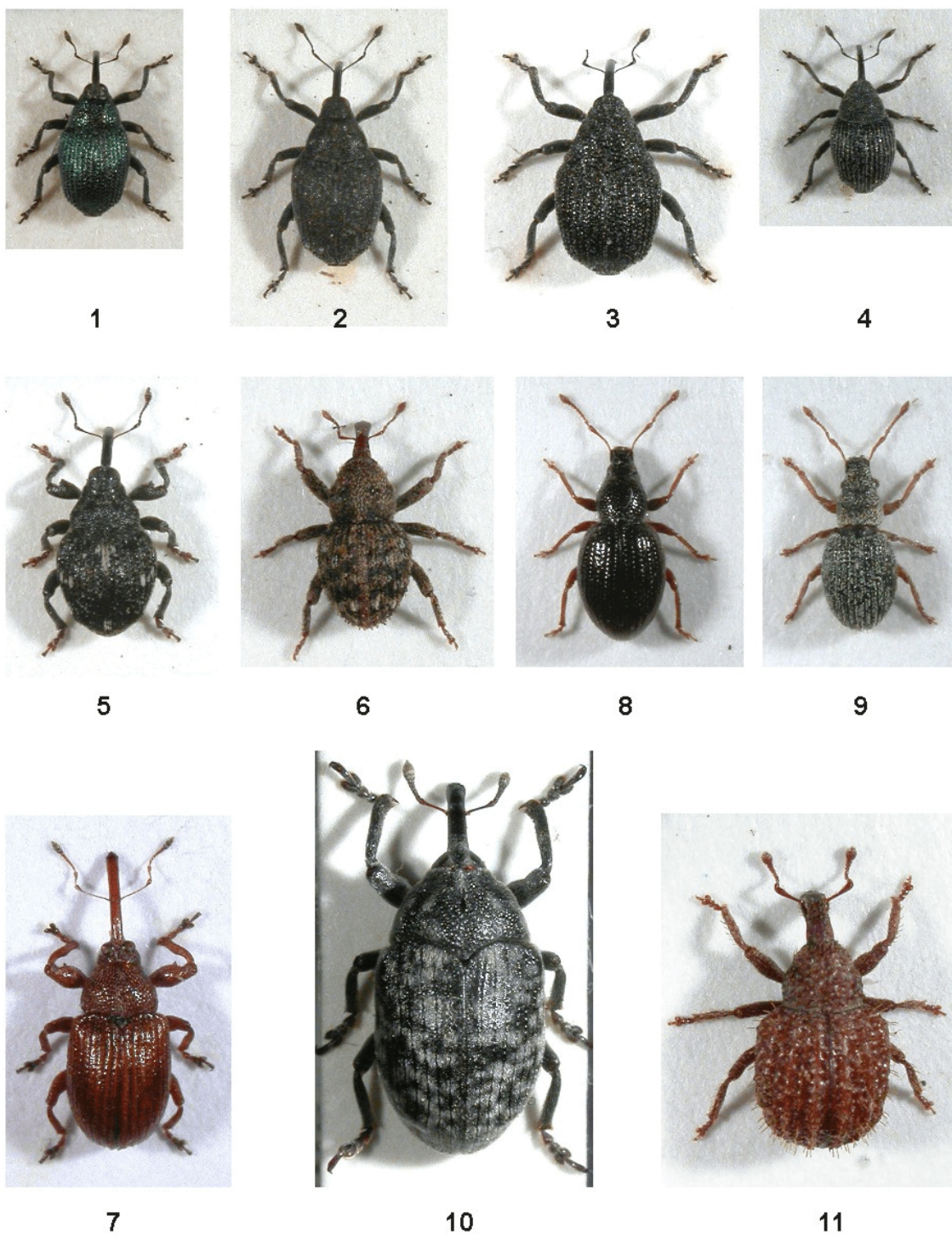
##### *Adexius scrobipennis* Gyllenhal, 1834

ÁLAVA: many spec., Sierra Cantabria, between Pto Herrera and Pipaon, 13.vi.1994, 900 m (UTM 30TWN2615), R. Borovec and M. Meregalli lgt., sifting under *Fagus sylvatica* and *Quercus* spec., MNCN, RB, MM. HUESCA: 1 spec., 4 km S Castejón de Sos, 15.vi.1994, 900 m, (UTM 31TBH9207), R. Borovec lgt., sifting under *Hedera helix*, RB.

European species known from Pyrenees to Caucasus: France, Italy, Switzerland, Germany, Austria, Czech Republic, Poland, Slovakia, Hungary and Ukraine.

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**Figs. 1.** *Ceutorhynchus chlorophanus*. **2.** *Ceutorhynchus duvali*. **3.** *Ceutorhynchus strejceki*. **4.** *Ceutorhynchus unguicularis*. **5.** *Mogulones angulicollis*. **6.** *Acalles misellus*. **7.** *Anthonomus (Anthomorphus) phyllocola*. **8.** *Barypeithes (Exomias) pyrenaicus*. **9.** *Foucartia cremieri*. **10.** *Larinus (Phyllonomeus) beckeri*. **11.** *Adexius scrobipennis*.