

List of specimens of the tribe Cossyphini (Coleoptera: Tenebrionidae) kept in the National Museum, Praha

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Abstract. Beetles of the tribe Cossyphini (family Tenebrionidae), deposited in the National Museum, Praha (Czech Republic) are identified and listed. The following new records are published: *Cossyphus (Cossyphus) dejeani* Brême, 1846 (Italy: Sardinia); *C. (C.) hoffmannseggi* Herbst, 1797 (France: Corsica; Italy: Sicily, Sardinia), and *C. (C.) tauricus* Steven, 1829 (Azerbaijan, Georgia).

Key words. Coleoptera, Tenebrionidae, Cossyphini, faunistics, Palaearctic region, Oriental region, Afrotropical region

Introduction

The tribe Cossyphini (Coleoptera: Tenebrionidae) contains only two genera and was recently revised by SCUPOLA (2000, 2006). The genus *Cossyphus* Olivier, 1791, currently contains 33 species and subspecies occurring in the Palaearctic, Oriental and Afrotropical regions; the genus *Endustomus* Brême, 1842, includes 34 species and subspecies distributed in the Afrotropical region. Data on 14 species (altogether 295 specimens) deposited in the National Museum, Praha, are presented here.

Material and methods

Species are arranged alphabetically, the nomenclature and zoogeography follow SCUPOLA (2000, 2006). All specimens were revised or identified by the author.

Locality labels are cited in their original version. Remarks of the author are found in square brackets. Separate labels are indicated by double slash (/).

Acronyms of collections:

NMPC National Museum, Praha, Czech Republic (J. Hájek);
JHAC author's collection.

Results

Tribe Cossyphini Latreille, 1802

Genus *Endustomus* Brême, 1842

1. *Endustomus plicicollis* Fairmaire, 1884

Endustomus plicicollis Fairmaire, 1884: SCUPOLA (2006): 135.

Endustomus sudanensis Wasman, 1904: SCUPOLA (2006): 135.

Material examined. TANZANIA: 'Africa or. Tanganyika, Mikumi (prov. Morogoro), 24.12.[19]76, J. Moravec lgt.', 1 spec. (NMPC).

Distribution. Species known from Ethiopia, Kenya, Somalia, Sudan, and Tanzania (SCUPOLA 2006).

2. *Endustomus prosternalis* Reitter, 1917

Endustomus prosternalis Reitter, 1917: SCUPOLA (2006): 114.

Material examined. CAMEROON: 'Duala, Afr., coll, David', 11 spec. (10 NMPC, 1 JHAC).

Distribution. Species known only from Cameroon (SCUPOLA 2006).

Genus *Cossyphus* Olivier, 1791

Subgenus *Acontodactylus* Desbrochers des Loges, 1894

1. *Cossyphus (Acontodactylus) limbatus* Pascoe, 1887

Cossyphus (Acontodactylus) limbatus Pascoe, 1887: SCUPOLA (2000): 207.

Material examined. CAMBODIA: 'Cambodia mer., Takeo, 5.v.[19]84, Frühbauer lgt.', 2 spec. (1 NMPC, 1 JHAC); 'Cambodia centr., Phnom Penh, 20.12.[19]84, Frühbauer lgt.', 1 spec. (NMPC).

Distribution. Species known from Cambodia, Laos, Thailand, Vietnam, and probably also from the Philippines (SCUPOLA 2000).

2. *Cossyphus (Acontodactylus) minutissimus* Laporte de Castelnau, 1840

Cossyphus (Acontodactylus) minutissimus Castelnau, 1840: SCUPOLA (2000): 200.

Cossyphus (Acontodactylus) tuberculatus Brême, 1846: SCUPOLA (2000): 200.

Cossyphus (Acontodactylus) pygmaeus Brême, 1846: SCUPOLA (2000): 200.

Material examined. SPAIN: 'Algeciras, Arias', // 'minutissimus Lap, Det. Obenberger', 1 spec. (NMPC); 'Hispan.', // 'minutissimus', 1 spec. (NMPC).

Distribution. Species known from Morocco and Spain (SCUPOLA 2000).

Subgenus *Cossyphus* Olivier, 1791

1. *Cossyphus (Cossyphus) algiricus* Laporte de Castelnau, 1840

Cossyphus (Cossyphus) algiricus Castelnau, 1840: SCUPOLA (2000): 236.

Cossyphus (Cossyphus) ovatus Brême, 1846: SCUPOLA (2000): 236.

Material examined. ALGERIA: 'Laverdure, Alg., 30.iv.-14.v.[19]27, Mařan lgt.' // 'Cossyphus algiricus Lap., det. Schuster', 4 spec. (3 NMPC, 1 JHAC); 'Algier, Reitter, Leder' // 'Cossyphus algiricus Lap., det. Hlisnikowski 1942', 3 spec. (NMPC); 'Algeria, Reitter' // 'Cossyphus algiricus Lap., det. Hlisnikowski 1942', 2 spec. (NMPC); 'St. Charles, Algérie, A. Théry', 1 spec. (NMPC); 'Teniet el Haad, Algeria' // 'Cossyphus algiricus Lap., det. Hlisnikowski 1942', 6 spec. (5 NMPC, 1 JHAC); 'Prov. d'Alger, Teniet el Haad, de Vauloger' // 'Cossyphus algiricus

Lap., det. Hlisnikowski 1942', 1 spec. (NMPC); 'Bou Berak, Kabilie, L.Puel', 1 spec. (NMPC); 'Bou-Kanefis, de Vauloger', 1 spec. (NMPC); 'Brancsik 1891' // 'algoricus Cast., Algier', 1 spec. (NMPC); 'Algier', 1 spec. (NMPC); 'Algoricus, Tiars', 3 spec. (NMPC). **MOROCCO**: 'Tanger, Morocco, 4.4.[19]08' // 'Cossyphus algericus Lap., det. Hlisnikowski 1942', 1 spec. (NMPC). **TUNISIA**: 'Tunis, Aïn Draham, 10.3.[19]25, Dr. Rambousek', 4 spec. (3 NMPC, 1 JHAC).

Distribution. Species known from Algeria, Morocco and Tunisia (SCUPOLA 2000).

2. *Cossyphus (Cossyphus) dejeani* Brême, 1846

Cossyphus (Cossyphus) dejeani Brême, 1846: SCUPOLA (2000): 226.

Material examined. **MOROCCO**: 'Tetuan, J. Váca', 2 spec. (NMPC); 'Casablanca, Maroc' // '6302' // 'Cossyphus dejeani, B. Kouřil det.', 4 spec. (3 NMPC, 1 JHAC). **ITALY**: 'Sardinia' // 'dejeani', 1 spec. (NMPC). **SPAIN**: 'Andalusia, Hispania' // 'Cossyphus dejeani Br., det. Hlisnikowski 1942', 2 spec. (NMPC); 'Algeciras, C. Bolivar' // 'Cossyphus hoffmannseggii Hbst', 3 spec. (NMPC); 'Algeciras, Hispania' // 'Cossyphus dejeani Br., det. Hlisnikowski 1942', 2 spec. (NMPC); 'Algeciras, Andalusien, Prof. G. Strobl' // 'Cossyphus dejeani Br., det. Hlisnikowski 1942', 1 spec. (NMPC); 'Tarifa, 11-4-[19]06, coll. Schramm' // 'Cossyphus dejeani Br., det. Hlisnikowski 1942', 3 spec. (NMPC); 'Guadarrama, Cercedilla, V.M. Duchon', 3 spec. (NMPC); 'Spanien.', 3 spec. (2 NMPC, 1 JHAC); 'Hispan.', 6 spec. (NMPC); 'Andalusia' // 'Mus. Pragense, col. Kamberský' // 'Cossyphus dejeani Br., Det. Schuster', 2 spec. (NMPC); 'Kelecsényi, Madrid' // 'dejeani Br., Det. Obenberger', 2 spec. (NMPC); 'Hispania', 1 spec. (NMPC); 'Andalusien', 4 spec. (NMPC); 'Algeciras, C. Bolivar', 3 spec. (NMPC).

Distribution. Species known from Algeria, Morocco, and Spain (SCUPOLA 2000). New species for Italy (Sardinia).

3. *Cossyphus (Cossyphus) depressus* (Fabricius, 1781)

Cossyphus (Cossyphus) depressus (Fabricius, 1781): SCUPOLA (2000): 231.

Cossyphus (Cossyphus) planus Fabricius, 1801: SCUPOLA (2000): 231.

Material examined. **INDIA**: 'Nedungadu, Tanjore Distr., India orientalis, coll. Mus. Pragae' 2 spec. (1 NMPC, 1 JHAC); same locality, '25.VII. [19]37, P. S. Nathan' (NMPC); same locality, '2.VIII. [19]37, P. S. Nathan' 1 spec. (NMPC); same locality, 'Cossyphus depressus, S.India, Tanjore Dt., 25.I.[19]37', 1 spec. (NMPC); 'Shimoga, Mysore State, India or.', 3 spec. (NMPC); 'Ind. or, Cossyphus planus', 1 spec. (NMPC).

Distribution. Species known from India and Sri Lanka (SCUPOLA 2000).

4. *Cossyphus (Cossyphus) hoffmannseggii* Herbst, 1797

Cossyphus (Cossyphus) hoffmannseggii Herbst, 1797: SCUPOLA (2000): 237.

Cossyphus (Cossyphus) depressus Fabricius, 1801: SCUPOLA (2000): 237.

Cossyphus (Cossyphus) hoffmannseggii var. *sublaevis* Kocher, 1953: SCUPOLA (2000): 237.

Cossyphus (Cossyphus) hoffmannseggii ssp. *bletoni* Antoine, 1953: SCUPOLA (2000): 237.

Cossyphus (Cossyphus) hoffmannseggii ssp. *rifensis* Kocher, 1963: SCUPOLA (2000): 237.

Material examined. **ALGERIA**: 'Oran, Alg., B. Kouřil', 7 spec. (NMPC); 'Algier, Reitter Leder', 1 spec. (NMPC); 'Tlemcen', 4 spec. (NMPC); 'Algeria' // 'C. rivularis', 1 spec. (NMPC); 'Algir' // 'Cossyphus Hoffmannseggii, det.: F. Kasper.', 1 spec. (NMPC). **FRANCE**: 'Corsica', 4 spec. (NMPC). **ITALY**: 'Sicilia', 1 spec. (NMPC); 'Sardinia' // '6304', 1 spec. (NMPC). **MOROCCO**: 'Tetuan, J. Váca', 4 spec. (NMPC). **PORTUGAL**: 'Lissabon, Lusitania', 2 spec. (NMPC); 'Lissabon, Portugal' // 'Cossyphus Hoffmannseggii Hbst, det. Hlisnikowski 1942', 1 spec. (NMPC); 'Lissabon, Flach', 6 spec. (5 NMPC, 1 JHAC). **SPAIN**: 'Algericas [= Algeciras], Andalusia' // 'Cossyphus Hoffmannseggii Hbst, det. Hlisnikowski 1942', 9 spec. (8 NMPC, 1 JHAC); 'Hispania', 1 spec. (NMPC); 'Hispania, Algeciras', 2 spec. (NMPC); 'Hispania', 1 spec. (NMPC); 'Hispania, Algeciras', 1 spec. (NMPC); 'Algeciras' // 'Espagne, 1902' // 'Cossyphus Hoffmannseggii', 2 spec. (NMPC); 'Algeciras, Andalusien, Prof. G. Strobl' // 'Cossyphus Hoffmannseggii Hbst, det. Hlisnikowski 1942', 1 spec. (NMPC); 'Spanien', 1 spec. (NMPC); 'Algeciras, 5-4-[19]06, coll. Schramm' // 'Cossyphus Hoffmannseggii Hbst, det. Hlisnikowski 1942', 2 spec. (NMPC); 'Andalusie', 2 spec. (NMPC); 'Algeciras, Hispania' // 'Cossyphus Hoffmannseggii' // 'Coll. Mulač' // 'Cossyphus Hoffmannseggii, det.

Schuster', 1 spec. (NMPC); 'Hispania', 4 spec. (NMPC); 'Hispan:', 1 spec. (NMPC); 'Granada' // 'Hoffmannseggi, Det. Obenberger', 1 spec. (NMPC); 'Pyrénées', 1 spec. (NMPC).

Distribution. Species known from Algeria, Morocco, Portugal and Spain (SCUPOLA 2000). New species for France (Corsica) and Italy (Sardinia, Sicily).

5. *Cossyphus (Cossyphus) laevis* Laporte de Castelnaud, 1840

Cossyphus (Cossyphus) laevis Castelnaud, 1840: SCUPOLA (2000): 228.

Cossyphus (Cossyphus) substriatus Castelnaud, 1840: SCUPOLA (2000): 228.

Cossyphus (Cossyphus) barbarus Brême, 1846: SCUPOLA (2000): 228.

Cossyphus (Cossyphus) incostatus Brême, 1846: SCUPOLA (2000): 228.

Material examined. MOROCCO: 'Stadt, Morocco, A. Heyne, Berlin-Wiln.' // 'moniliferus', 1 spec. (NMPC). SPAIN: 'Hispan, incostatus Br.', 1 spec. (NMPC).

Distribution. Species known from Algeria, Morocco and Spain (SCUPOLA 2000).

6. *Cossyphus (Cossyphus) moniliferus moniliferus* Chevrolat, 1829

Cossyphus (Cossyphus) moniliferus moniliferus Chevrolat, 1829: SCUPOLA (2000): 218.

Cossyphus (Cossyphus) insularis Castelnaud, 1840: SCUPOLA (2000): 218.

Material examined. ALGERIA: 'St Charles, Algérie, A. Théry' // 'Coss. Monilifer, Det. Dr. Obenberger', 1 spec. (NMPC); 'Algeria, 30 km S Ksar-el-Boughari, 25.5.1974' // 'Exp. Magreb, Nat. Mus. Praha', 1 spec. (NMPC); 'Algeria, Reitter' // 'Mus. Pragense, col. Kamberský' // 'Cossyphus substriatus' // 'Cossyphus insularis Cast., det. Schuster', 1 spec. (NMPC). ITALY: 'Catania, Sicilia' // 'Cossyphus moniliferus Ch., Boh. Kouřil det.' // '6307', 8 spec. (7 NMPC, 1 JHAC); 'Asuni, Sardinia', 1 spec. (NMPC); 'Sicilia' // 'insularis', 2 spec. (NMPC); 'Sicilia', 1 spec. (NMPC); 'Sicilia, Cossyphus insularis', 1 spec. (NMPC); 'Sicilia, Reitter' // 'Cossyphus insularis Lap., det. Hlisnikowski 1942', 1 spec. (NMPC). SPAIN: CANARY ISLANDS, 'Teneriffa, Laguna, K. M. Heller' // 'Cossyphus insularis Lap.', 1 spec. (NMPC). SUDAN: 'Sudan, Blue Nile, Qardud, 11.2.1967, Štys / 615', 2 spec. (NMPC); 'Sudan, 4.ii.[19]66, Shambat, Dr. P. Štys lgt.', 1 spec. (NMPC).

Distribution. Species known from Algeria, Benin, Burkina Faso, Burundi, Cameroon, Chad, Congo, Egypt, Ethiopia, Greece, Guinea, Gambia, Italy (including Sardinia and Sicilia), Kenya, Libya, Mali, Mauretania, Niger, Nigeria, Portugal (Madeira), Senegal, Spain (Balears Islands, Canary Islands), Sudan, Syria, and Tunisia (SCUPOLA 2000).

7. *Cossyphus (Cossyphus) rugosulus* Peyron, 1854

Cossyphus (Cossyphus) rugosulus Peyron, 1854: SCUPOLA (2000): 229.

Cossyphus (Cossyphus) rugulosus: SCUPOLA (2000): 229.

Material examined. ISRAEL: 'Tel Aviv, 30.12.[19]40' // 'Cossyphus rugulosus Peyron, O. Kodym det.', 9 spec. (8 NMPC, 1 JHAC). SYRIA: 'Syria', 1 spec. (NMPC); 'Syrien, A. Heyne, Berlin-Wilmersd.' // 'Cossyphus rugulosus, det. Hlisnikowski 1942', 2 spec. (NMPC); 'Syria, rugulosus Peyron', 7 spec. (6 NMPC, 1 JHAC); 'Syria, Chaifa, Simon', 1 spec. (NMPC); 'rugulosus Peyr. Syria' // 'Brancsik 1898', 1 spec. (NMPC); 'Reitter, Syr.' // 'Cossyphus rugulosus Muls., E.m.', 1 spec. (NMPC).

Distribution. Species known from Cyprus, Israel, Syria, and Turkey (SCUPOLA 2000).

8. *Cossyphus (Cossyphus) ruffoi ruffoi* Scupola, 2000

Cossyphus (Cossyphus) ruffoi ruffoi Scupola, 2000: 239.

Material examined. MYANMAR: 'Tenasserim, Helfer', 3 spec. (2 NMPC, 1 JHAC).

Distribution. Species known from Myanmar (SCUPOLA 2000).

9. *Cossyphus (Cossyphus) subgranulatus* Reitter, 1917

Cossyphus (Cossyphus) subgranulatus Reitter, 1917: SCUPOLA (2000): 239.

Material examined. INDIA: 'India', 3 spec. (NMPC).

Distribution. Species known from India (SCUPOLA 2000).

10. *Cossyphus (Cossyphus) tauricus* Steven, 1829

Cossyphus (Cossyphus) tauricus Steven, 1829: SCUPOLA (2000): 230.

Material examined. **AZERBAIJAN:** ‘Lenkoran, Caucasus, Bodemeyer’, 1 spec. (NMPC). **CAUCASUS:** ‘Caucasus’, 2 spec. (NMPC). **CYPRUS:** ‘Yermasoyia River, Cyprus, 10-13.1.1950’, 8 spec. (7 NMPC, 1 JHAC). **GEORGIA:** ‘Tyflis, Caucas., 23.iv.1918, Dr. W. Eichler’, 2 spec. (NMPC). **GREECE:** ‘Corfu, Reitter’ // *Cossyphus insularis*, 5 spec. (4 NMPC, 1 JHAC); ‘Corfu, Moczarski’, 1 spec. (NMPC); ‘Corfu, Winkler’, 1 spec. (NMPC); ‘Corfu, K. Kyselý’, 1 spec. (NMPC); ‘Graecia, Reitter’, 2 spec. (NMPC); ‘Graecia’, 2 spec. (NMPC); ‘Griechenland, Reitter’, 3 spec. (NMPC); ‘Attica’, 2 spec. (NMPC); ‘Zante’, 1 spec. (NMPC); ‘Morea, Hagios Wlassis, Brenske’ // ‘*Cossyphus tauricus* Stev., det. Hlisnikowski 1942’, 6 spec. (NMPC); ‘Morea, Taygetos, Brenske’, 1 spec. (NMPC); ‘Parnass’, 2 spec. (NMPC). **IRAN:** ‘Iran, 18-19.v.2006, Khorasan Razni prov., Shurlaq (river valley; at light), 36°18,8’N 60°38,0’E, 570 m, Jiří Hájek & Pavel Chvojka leg.’, 1 spec. (NMPC); ‘Iran, Golestan prov., 27.v.2006, 5 km W Sari Qamish (river valley, at light), 37°52,3’N 55°45,3’E; 155 m, Jiří Hájek & Pavel Chvojka leg.’, 1 spec. (NMPC). **IRAQ:** ‘Bagdad, coll. Kálalová’, 4 spec. (3 NMPC, 1 JHAC). **ITALY:** ‘Catania, Sicilia’, 7 spec. (6 NMPC, 1 JHAC); ‘Gerace, Calabr., Paganetti’, 1 spec. (NMPC). **RUSSIA:** ‘Russia’, 3 spec. (NMPC). **TURKEY:** ‘Karatas, Anat. 2-5.8.[19]47, Exp. N. Mus. ČSR’ // ‘*Cossyphus tauricus* Stev., Dr. Z. Kaszab det.1958’, 4 spec. (NMPC); ‘Kadi Keui, Constantinople, V. M. Duchon’, 7 spec. (6 NMPC, 1 JHAC); ‘Constantinople, Turcia, vii.1929, Dr. Jureček’, 3 spec. (NMPC). **TURKMENISTAN:** ‘Transcaspian, Oase Tedshen, 8.1903, coll. Hauser’, 1 spec. (NMPC). **Doubtful locality:** ‘Owtschaly 1879’ // ‘*Cossyphus tauricus* Hbst, det. Hlisnikowski 1942’, 4 spec. (NMPC).

Distribution. Species known from Albania, Afghanistan, ‘Caucasus’, Cyprus, Greece, south-western Russia, Iran, Iraq, Israel, Italy (including Sardinia), Syria, Turkey, and Turkmenistan (SCUPOLA 2000). New species for Azerbaijan and Georgia.

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