

SHORT COMMUNICATION

A catalogue of the Coleoptera of the G.P. Moazzo Collection in the Goulandris Natural History Museum. Part III (Scarabaeidae)

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Summary This is a detailed list of 223 species (727 specimens) of the family Scarabaeidae, the subfamilies Dynastinae (21 species), Melolonthinae (11 species), Rutelinae (29 species), Aphodiinae (104 species), Cetoniinae (59 species), represented in G.P. Moazzo's collection at the Goulandris Natural History Museum. All label data for each specimen are given. The aim of this paper is to present this collection as reference data for comparison with recent entomological material.

Additional keywords: Scarabaeidae, Dynastinae, Melolonthinae, Rutelinae, Aphodiinae, Cetoniinae

Introduction

The Entomological Collection of the Goulandris Natural History Museum (GNHM) was established in 1973. One particularly significant collection is that of Georgi Polychronis Moazzo, which contains insects (Coleoptera in their majority) collected since 1910 (Goulandris, 1977). Moazzo's entomological collection of GNHM includes 5500 specimens. Among them there are 1312 beetle species belonging to 58 families (Dimaki and Tylianakis 2006; Tylianakis and Dimaki 2006, Dimaki *et al.*, 2016). This is part III of the aforementioned collection, part I containing the families Carabaeidae, Cicindelidae, and Dytiscidae (Dimaki and Tylianakis, 2006) and part II containing part of the Scarabaeidae family (Tylianakis and Dimaki, 2006).

The aim of this paper is to present the species of the Scarabaeidae subfamilies Dynastinae, Melolonthinae, Rutelinae, Aphodiinae and Cetoniinae kept in the entomological collection of GNHM (Moazzo's collection). The catalogue would be of particular interest for use by entomologists seeking for ref-

erence information regarding insect specimens of Scarabaeidae.

The material is of historical importance, with some specimens over 100 years old with a wide geographical distribution across 5 continents (Europe, Africa, Asia, America, Australia). It is published with the information given exactly as it appears on the individual labels. In some cases data may be missing such as collection date and exact locality. An effort has been made to provide the current nomenclature, where possible. The specimens are in a very good condition and their identification is still possible.

Materials and methods

The specimens were collected during field-work and have all been mounted on pins and arranged in unit trays within cabinet drawers at the GNHM. A determination label accompanies each specimen as well as a database number. This number corresponds to the information of each specimen as well as the current name. The material has been examined and described mainly by G.P. Moazzo.

This collection includes material from collectors such as A. Carneri, G. Louvet, B. Alpes, Talbiele, Petroff, Schuster, Winkler, McMaggiore, Efflatoun and G.P. Moazzo

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himself.

We followed the systematics of Ratcliffe and Jameson (2004) and Triplehorn and Johnson (2005).

Catalogue of Coleoptera, Scarabaeidae

In the list below, we record the species and the relevant metadata: the number of specimens (spm), the place of the collection, and the year and collector's name, when available.

Dynastinae (21 species, 105 spm)

Pentodon dispar (syn. *P. algerinum* sbsp. *dispar*) 23 spm, EGYPT: Alexandria, Victoria?, Mariout, Ramleh, Rond-Point, Rounleh, Abou el Chekark, 1917, 1921, 1924, 1929, 1935, 1938 leg. Efflatoun

Pentodon punctatus 1 spm, ITALY: Gerace Calabria, leg. Schuster

Pentodon idiota 1 spm, AUSTRIA: Neusiedl lake, leg. Schuster

Pentodon bispinosus 1 spm, MOROCCO: Casablanca, 1919, leg. Antoine

Pentodon sp. 1 spm, TURKESTAN: Samarkand

Pentodon sp. 1 spm, TURKESTAN: Samarkand

Dyscinetus rugifrons 2 spm, ARGENTINA: Buenos Aires

Pachononyx fuscodeneus 2 spm, ARGENTINA: Rio Salodo

Phyllognathus silenus 12 spm, FRANCE: Toulouse; TURKEY: Adana, Cilicie; SPAIN: Tenerife; EGYPT: Mariout, Ramleh, Palais; ALGERIA: Bou-Berak, 1921, 1924, 1935, 1953, leg. V.M. Duchon, Efflatoun, A. Chobaut, Thery, A. Carneri

Heteronychus parumpunctatus 16 spm, EGYPT: Alexandria, 1921, 1922, 1924, 1929

Heteronychus dilatatus 2 spm, ARGENTINA: Tucuman

Heteronychus spp. 3 spm, EGYPT: Mariout, 1933

Oryctomorphus maculicollis 1 spm, CHILE

Oryctomorphus sp. 2 spm, SOUDAN: FRANCE

Temnorrhynchus baal 21 spm, EGYPT: Alexandria, Victoria?, Mazarita, Mandara Cairo, Rond Point, Nousha, 1919, 1921, 1923, 1924, 1932, 1942, leg. A. Carneri

Phileurus valgus 4 spm, VENEZUELA

Scaptophilus dasipleurus 2 spm, ARGENTINA:

Tucuman

Oryctes rhinoceros 2 spm, INDONESIA: Amboine, Iles Moluques, leg. A. Carneri
Oryctes spp. 5 spm, ARGENTINA: Tucuman
Oryctes sp. 2 spm, ITALY, 1950, leg. Gentile
Oryctes nasicornis 1 spm

Melolonthinae (11 species, 30 spm)

Europteron gracile 4 spm, ALGERIA: Ghardaia, leg. A. Chobaut

Haplidia nitidula 7 spm

Hoplia coerulea 1 spm, FRANCE: Prats de Mollo, leg. Waegner

Hoplia dubia 5 spm, ITALY: Macarese, Rome, 1919, leg. P. Crozet

Hoplia africanum 4 spm, MOROCCO: Casablanca, leg. Antoine

Hoplia farinosa 2 spm, AUSTRIA: Graz; FRANCE: Besançon

Hoplia philanthus 1 spm

Hoplia graminicola 1 spm

Hoplia praticola 1 spm, ALGERIA: Ain Sefra, 1923, leg. A. Chobaut

Hoplia pubicollis 1 spm, CORSICA: Ajaccio

Hoplia spp. 3 spm, ALGERIA: Bou-berak; MOROCCO: Casablanca, leg. A. Chobaut, Antoine

Rutelinae (29 species, 71 spm)

Anisoplia flavipennis 1 spm

Anisoplia segetum var. *straminea* (syn. *Chaetopteroplia segetum straminea*) 1 spm, TURKEY: Konya, 1899, leg. Korh

Anisoplia segetum (syn. *Chaetopteroplia segetum*) 1 spm, IRAN: Kopet-Dagh, Descht, 1902, leg. F. Hauser

Anisoplia pallidipennis 2 spm, ALGERIA: Ain Sefra, 1923, leg. A. Chobaut

Anisoplia cyathigera 1 spm, BOSNIA: Sanski-most

Anisoplia biguttata 1 spm, INDONESIA: Java Breanger Tjigembong, leg. Corporaai

Anisoplia lata 2 spm, AUSTRIA: Graz, CROATIA: Pola Istrija

Anisoplia leucaspis 1 spm, IRAN: Kermanschah, 1909, leg. F. Hauser

Anisoplia agricola 1 spm, GERMANY: Offenbach

Anisoplia sp. 1 spm, CROATIA: Velezgb, leg. Krauss

- Anisoplia monticola* 2 spm, CROATIA: Pola Is-tria
- Anisoplia syriaca* 1 spm, TURKEY: Ephesos
- Anisoplia flavocincta* 1 spm, ITALY: Emilia, 1897, leg. Fiori
- Anisoplia graminivora* (syn. *Anisoplia tempestiva*) 2 spm, FRANCE: Ste Baume, 1920, leg. A. Chobaut
- Anisoplia sabulicola* (syn. *Brancoplia pumila*) 2 spm, EGYPT: Saba Pacha, 1918
- Anisoplia deserticola* 4 spm, ALGERIA: Bou Saada, Ain Sefra, 1923, leg. A. Chobaut, Martin
- Anisoplia floricola* 4 spm, ALGERIA: Bou-Berak; MOROCCO: Casablanca; SPAIN: Valencia, leg. Antoine
- Anisoplia austriaca* 1 spm, Nd. Tesders?
- Anisoplia* sp. 2 spm, TURKEY: Marmara, leg. Thery
- Anisoplia bromicola* var. *nigra* 1 spm, ITALY: Cerchio
- Anisoplia bromicola* 1 spm, CROATIA: Velezgb, leg. Krauss
- Anisoplia austriaca* var. *major* 1 spm
- Anisoplia tempestiva* 1 spm, FRANCE: Ste Baume, 1920, leg. A. Chobaut
- Anisoplia sabulicola* 24 spm, EGYPT: Abou kir, Rond Point, Cherbine, Mariout, Smouha, Nouzha, Alexandria, Sidi Bishu 1919, 1920, 1938, 1940, 1943, 1944
- Pelidnota paraguayensis* 1 spm, ARGENTINA: Tucuman
- Pelidnota* sp. 1spm, SUDAN
- Blitopertha horticola* (syn. *Phyllopertha horticola*) 6 spm, FRANCE: Rouen; BOSNIA, 1921
- Blitopertha horticola* (var. *ustulatipennis*) 1 spm, AUSTRIA: Wien
- Blitopertha arenaria* (syn. *Blitopertha lineolata*) 1 spm, GREECE: Korinth
- Blitopertha hirtella* 1 spm, GREECE: Attica
- Blitopertha lineolata* 1 spm, IRAN: Dagh, 1902, leg. F. Hauser
- Aphodiinae (103 species, 294 spm)**
- Aphodius contaetus* 3 spm, EGYPT: Barages de Caire
- Aphodius punctifer* 1 spm
- Aphodius sordidus* (syn. *Bodilopsis rufus*) 1 spm, SWITZERLAND: Geneva
- Aphodius punctipennis* 4 spm, EGYPT: Mari-out, Dekhela, Palais, 1919, 1921, 1923, leg. A. Carneri
- Aphodius* spp. 5 spm EGYPT: Palais, Alexan-dria, 1923, 1925, leg. A. Carneri
- Aphodius (Bodolius) hydrochoeris* 17 spm, EGYPT: Palais, Victoria?, Bulgley, 1919, 1923, leg. A. Carneri, Fleming, M. Gantes
- Aphodius (Volinus) hieroglyphicus* 10 spm, EGYPT: Mariout, Dekhela, Rond Point, 1921, 1923, 1925
- Aphodius granarius* (syn. *Calamosternus granarius*) 29 spm, EGYPT: Mariout, Dekhela, Rond Point, Cairo, Victoria?, Smouha, Sidi Bishr, Alexandria, ALGERIA: Bou-Berak; RUSSIA: Transcasplia Kisil Arwat, 1898,1920, 1921, 1923, 1939, 1944, leg. A. Chobaut, F. Hauser
- Aphodius varians* 9 spm, EGYPT: Mariout, Rond Point, Smouha 1920,1923, 1938,1939
- Aphodius (Erytus)* sp. 29 spm, EGYPT: Mariout, Dekhela, Alexandria, Saba Pacha Montaza; ALGERIA: Batra; RUSSIA: Transcasplia, 1900, 1919, 1920, 1921, 1922, 1925, leg. F. Hauser
- Aphodius (Erytus) brunneus* 3 spm, 1919, leg. A. Chobaut
- Aphodius (Erytus) lividus* (syn. *Labarrus lividus*) 5 spm, leg. Montaza, 1921, 1922
- Aphodius (Erytus) leucopterus* (syn. *Mecynodes leucopterus*) 4 spm, EGYPT: Mariout, 1925, 1944, leg. Garbaniat
- Aphodius (Eremazus)* sp. 3 spm
- Aphodius (Eremazus) punctatus* 2 spm
- Aphodius (Eremazus)* sp.1 spm, leg. A. Chobaut
- Aphodius (Eremazus) unistriatus* 2 spm, EGYPT: Mariout, leg. A. Chobaut
- Aphodius thermicola* 8 spm, ITALY; AUSTRIA; MOROCCO: Rabat, 1917, 1922, leg. A. Chobaut, P. Crozet
- Aphodius luridus* var. *nigripes* 6 spm, ITALY, 1917, leg. P. Crozet
- Aphodius erraticus* 6 spm, FRANCE: Cote D'Or; ALGERIA: Bou-Berak
- Aphodius erraticus* var. *fumigatus* 1 spm, ITA-LY: Cerchio
- Aphodius subterraneus* 6 spm, FRANCE: Rennes, Hungbor? 1920, leg. P. Crozet, V. Foufal
- Aphodius bonaizei* (Type) 13 spm, FRANCE: Carrieres des Angles; ITALY: Valgares; TUNIS, 1922, leg. A. Chobaut

- Aphodius merdarius* 1 spm, PORTUGAL: Leiria Lusitania
- Aphodius scrofa* (syn. *Trichonotulus scrofa*) 1 spm, GERMANY?: Marburg, leg. Krauss
- Aphodius pusillus* 1 spm, SLOVENIA: Carniole, leg. Krauss
- Aphodius maculatus* 1 spm, GREECE: Nemea
- Aphodius obscurus* 1 spm, SWITZERLAND: Faulhorn
- Aphodius obscurus* var. *olichrous* 1 spm, AUSTRIA: Obir Carinthia
- Aphodius guttatus* (syn. *Agolinus guttatus*) 2 spm, ALGERIA: Bou-Berak, leg. A. Chobaut
- Aphodius lineolatus* (syn. *Chilothonax lineolatus*) 2 spm, SPAIN: Cadiz, ALGERIA: Bou-berak, leg. A. Chobaut
- Aphodius* spp. 9 spm, MOROCCO: Rabat, Taja; ALGERIA: Ougda Thery
- Aphodius stricticus* (syn. *Volinus stricticus*) 1 spm
- Aphodius depressus* 1 spm, AUSTRIA: Stiria bor., leg. Krauss
- Aphodius distinctus* (syn. *Chilothonax distinctus*) 3 spm, FRANCE: Les Angles; AUSTRIA: Umgeb. Graz, 1922, leg. A. Chobaut
- Aphodius tessulatus* 1 spm, GERMANY, 1922, leg. A. Chobaut
- Aphodius oblitteratus* 1 spm, GERMANY: Reichenau island, leg. Ponecke
- Aphodius prodromus* 3 spm, ITALY: Valcarces; PORTUGAL: Leiria Lusitania, 1922, leg. A. Chobaut
- Aphodius punctatosulcatus* 1 spm, SPAIN: Ronda
- Aphodius punctatosulcatus* var. *marginalis* 1 spm, SPAIN: Valencia
- Aphodius limbatus* 1 spm, AUSTRIA: Neusiedlersee
- Aphodius maenlatus* 1 spm, Valegb Hz., leg. Krauss
- Aphodius zenkeri* 2 spm, LIBERIA; GERMANY, leg. Grunwld
- Aphodius miaetus* 1 spm, ROMANIA: Paring, leg. Krauss
- Aphodius miaetus* var. *unicolor* 1 spm, ROMANIA: Paring, leg. Krauss
- Aphodius praecose* 1 spm, Penecke st. leg. H. Reichart
- Aphodius satellitus* 1 spm, CROATIA: Pola Is-tria
- Aphodius rufipes* 1 spm, AUSTRIA: Trifail Styria
- Aphodius lividus* 5 spm, ALGERIA: Beni Ounif de Figule, 1923, leg. A. Chobaut
- Aphodius* spp. 2 spm, GERMANY: Marburg; TURKEY: Adana
- Aphodius depressus* var. *atramentarius* (syn. *Aphodius atramentarius*) 1 spm, AUSTRIA: Koralpe, leg. Penecke
- Aphodius licardi* 1 spm, ALGERIA
- Aphodius* sp. 1 spm, TUNISIA
- Aphodius vitellinus* (syn. *Subrinus vitellinus*) 2 spm, MOROCCO: Casablanca, Rabat, leg. Antoine
- Aphodius unicolor* (=eastaneus) 4 spm, ALGERIA: Bou-Berak, leg. A. Chobaut
- Aphodius (Bodilus) longispina* 1 spm, MOROCCO: Casablanca, 1920, leg. Antoine
- Aphodius serutator* (syn. *Teuchestes serutator*) 3 spm, ITALY: Maggiore, leg. P. Crozet
- Aphodius fossor* 1 spm, AUSTRIA: Graz, leg. Krauss
- Aphodius brevis* 1 spm, AUSTRIA: Neusiedler
- Aphodius conjugatus* 1 spm, ROMANIA: Klausenberg
- Aphodius (Otophorus) haemorrhoidalis* 1 spm
- Aphodius (Otophorus) sanguinolentus* (syn. *Aphodius (Otophorus) haemorrhoidalis*) 4 spm, Marrier de la Mer; TURKEY: Kizil-Dagh, Taurus, leg. A. Chobaut
- Aphodius fimetarius* 1 spm, ALGERIA: Bou-Berak
- Aphodius foetens* 3 spm, BOSNIA; CYPRUS
- Aphodius scabalarius* var. *conflagratus* 1 spm, TUNIS: Bel, 1900
- Aphodius (Bodilus) ictericus* (=nitidulus) 6 spm, FRANCE: Le Cailar, CROATIA: Sebenico, 1923
- Aphodius hydrochoeris* 2 spm, ALGERIA: Ghardaia; MOROCCO: Tanger
- Aphodius sordidus* 1 spm, FRANCE
- Aphodius rufus* 1 spm, HUNGARY
- Aphodius rufus* var. *arcuatus* 1 spm, ITALY: Mte Baldo
- Aphodius lugeus* 1 spm, GREECE: Nemea
- Aphodius immundus* 1 spm, GERMANY: Marburg, leg. Krauss
- Aphodius ater* 1 spm
- Aphodius piceus* 1 spm, FINLAND
- Aphodius gibbus* 1 spm

- Aphodius nemoralis* 1 spm, AUSTRIA: Rekawinkel
Aphodius putridus 1 spm
Aphodius alpinus 1 spm, SWITZERLAND Faulhorn
Aphodius plagiatus var. *immaculatus* 1 spm, ROMANIA: Mezo-Zah
Aphodius sturmi 1 spm, AUSTRIA: Umgeb. Zara, leg. Muller
Aphodius niger 1 spm, AUSTRIA: Neusiedler, leg. Krauss
Aphodius lapponum 1 spm
Aphodius corvinus 1 spm, AUSTRIA: Umgeb. Graz
Aphodius varians (=ambiguus) 2 spm BOSNIA, GREECE: Korfu
Aphodius tristis 1 spm GERMANY
Aphodius biguttatus 1 spm
Aphodius cribicollis 1 spm, TUNIS: Le kef
Aphodius (Amidorus) cribarius 1 spm, CROATIA: Kistange, leg. D. Muller
Aphodius contaminatus 1 spm, TURKEY
Aphodius tingens 3 spm, ALGERIA: Bou-Berak, Philippeville
Aphodius consputus 1 spm, TURKEY
Aphodius affinis 1 spm, TURKEY: Adana
Aphodius kraatzi (syn. *Liothorax kraatzi*) 1 spm, KAZAKHSTAN: Thian – Shan, Musart
Aphodius rhododactylus 1 spm, CROATIA: Velezgb, leg. Krauss
Aphodius sp. 2 spm
Aphodius lividus 1 spm
Enpleureus subterraneus 2 spm, Marrier de la Mer, leg. A. Chobaut
Euheptaulacus sus 1 spm, GERMANY
Heptaulacus alpinus (syn. *Oromus alpinus*) 1 spm, CROATIA: Brokovo
Heptaulacus porcellus 1 spm AUSTRIA: Wien
Psammobius porcicollis 1 spm, HUNGARY
Pleurophorus baebus 1 spm, ALGERIA: Bou-Berak
Pleurophorus caesus 1 spm, Zoppa Tr.
Aegialia sabuleti 1 spm
Aegialia arenaria 1 spm, GERMANY: Borkum, leg. Schneider
Rhyssemus germanus 1 spm, EGYPT: Kabushia leg. Alfieri
Rhyssemodes reilleri 1 spm, ALGERIA: Ghardaia, leg. A. Chobaut
- Cetoniinae (59 species, 227 spm)**
- Stalagmosoma abbela* 1 spm, Wadioff, 1927, leg. Petroff
Tropinota squalida 37 spm, EGYPT: Saba Pacha, Alexandria, Mex, Mariout, Siouf, Avignon, St. Genes, Sidi Bishr, Mandara, 1918, 1923, 1924, 1934, 1935, 1936, 1943, 1944, 1949, leg. A. Chobaut
Tropinota hirta (syn. *Epicometis hirta*) 2 spm, St Gemes de lo Molus; GREECE: Rhodus, 1924, leg. Plason
Lasiotrichius succinctus 4 spm, EGYPT: Montaza Dekhela, Mandara, Agami, 1919, 1927, 1938, 1940
Oxythyrea abigail 22 spm, EGYPT: Avignon, TURKEY: Istanbul, SLOVENIA: Carniola, GERMANY: Wippach, FRANCE: St. Genie's de Co., Rouen, 1924
Oxythyrea funesta 9 spm, MOROCCO: Casablanca, 1921, leg. Antoine
Oxythyrea funesta var. Wagner 3 spm, UNITED ARAB EMIRATES: Wadi, SWITZERLAND: Stadt?, TURKEY: Istanbul, 1927
Oxythyrea cinctella 3 spm, SOUDAN, MOROCCO: Casablanca, 1918, leg. Antoine
Oxythyrea spp. 3 spm, FRANCE: Tonkin, AUSTRIA: Wien, leg. H Fruhsturfer
Trichius bifasciatus 5 spm
Trichius bifasciatus var. *dubius* 1 spm, TURKESTAN: Djarkent Semirjetschensk, leg. Winkler
Trichius bifasciatus var. *vulgaris* 1 spm, AUSTRIA: Dobratsch
Trichius bifasciatus var. *succinctus* 1 spm, IRAN: Astrabad=Gorgan, 1899, leg. Hauser
Trichius abdominalis 1 spm, SLOVENIA: Wochein Carniola
Trichius sexualis 1 spm, FRANCE: Rouen
Trichius gallicus 1 spm, USA: Pennsylvania
Trichius affinis 2 spm, ALGERIA: Bou-Berak leg. D. Chobaut
Trichius zonatus var. *fortunatarum* 2 s p m , FRANCE: St. Saurent Htes Pyrenees
Gnorimus nobilis 2 spm, AUSTRIA, leg. Schuster
Gnorimus variabilis 1 spm, CHILE
Euphoria lurida 2 spm, MEXICO
Euphoria bascalis 1 spm, MADAGASCAR: Tananarive, ERITREA, 1918, leg. A. Mochi
Gnorimus variabilis 16 spm, AUSTRIA: Pre-

- mysl Galizieu, FRANCE: Rouen, ITALY, leg. Vogel
Valgus hemipterus 4 spm
Osmoderma eremita 1 spm, CANADA: Joliette, 1906
Osmoderma scabra 2 spm, ARGENTINA: Tucuman
Diplognatha gagates 1 spm, SRI LANKA: south, 1889, leg. H Fruhsturfer
Glycyphana versicolor var. *luduosa* 2 spm, East Africa, leg. A. Heyne
Smaragdesthes viridis (syn. *Smaragdesthes africana viridis*) 1 spm, VIETNAM: Saigon
Protaetia sp. 2 spm, east Africa
Gnathocera cruda 2 spm, MADAGASCAR
Euryomia argentea 2 spm, GREECE: Vrilissia, ITALY: Ragusa, 1958, leg. Schuster
Potosia speciosissima (=aeruginosa) 2 spm, SLOVENIA: Carniola GERMANY: Wippach
Potosia affinis 1 spm, TURKESTAN: Djarkent Semirjetschensk, leg. Winkler
Potosia aurata var. *viridiventris* 1 spm, SYRIA
Potosia chrysosoma 1 spm, IRAN: Kopet-Dag
Potosia aeratula 1 spm, FRANCE: Bonifacio
Potosia carthami (syn. *Cetonia carthami*) 2 spm, MOROCCO: Casablanca, leg. Antoine
Aethiessa floralis var. *barbara* 2 spm, TURKEY: Istanbul, leg. F. Charles, Yervanh
Potosia hungarica 4 spm, Caucasus, TURKEY: Istanbul, leg. Yervanh
Potosia hungarica var. *armeniaca* 3 spm, ARMENIA, MOROCCO, leg. Chobaut, Thery
Aethiessa floralis 4 spm, EGYPT: Alexandria, Rond-Point, 1919
Aethiessa inhumata 1 spm, EGYPT: Nouzha, Alexandria, TURKEY: Taurus, 1920, 1922, 1927
Potosia cuprea 1 spm, KYRGYZSTAN: Kermen Tjube, TURKEY: Sussamyr
Potosia cuprea ssp. *ignicollis* 9 spm, TURKEY: Taurus
Potosia floricola var. *phoebe* (syn. *Potosia phoebe*) 1 spm, TURKEY: Istanbul, leg. F. Charles
Potosia floricola (syn. *Cetonia floricola*) 5 spm, EGYPT: Avignon
Potosia floricola var. *marginicollis* 1 spm, ITALY
Potosia floricola var. *incerta* 3 spm, CHINA: Kalgan
Potosia floricola var. *daurica* 1 spm
Potosia floricola var. *metallica* 1 spm, CROATIA: Pola Istria, 1920
Potosia floricola var. *obscura* 2 spm, ITALY: Rome, GREECE: Itea, 1918
Potosia floricola var. *florentine* 3 spm, IRAN: Kopet-Dagh
Potosia floricola var. *hieroglyphica* 1 spm
Potosia angustata 1 spm, SYRIA: Damascus, leg. Schuster
Potosia afflita 2 spm, FRANCE: St Lucie, leg. Schuster
Potosia oblonga 1 spm, TURKEY: Istanbul, leg. Chobaut, F. Charles
Potosia vidua 4 spm, SYRIA: Aleppo, FRANCE: Bouchat (Drome), leg. Winkler, Chobaut
Potosia opaca 2 spm, Bumfacio, ITALY: Rome, leg. Chobaut
Potosia morio 4 spm, MOROCCO, 1921, leg. Antoine, Thery
Potosia morio var. *punctate* 2 spm, NIGIRIA: east, leg. E.V. Bodemeyer
Potosia funeralia 3 spm, FRANCE: Bouchat (Drome), leg. Antoine
Potosia cardui 2 spm, (syn. *Potosia opaca*), EGYPT: Avignon, leg. Chobaut
Potosia marmorata (*liocala*) 1 spm, ITALY: Sicily, leg. Schuster
Aethiessa inhumata 2 spm, ARGENTINA: Tucuman
Stephanorrhina guttata 2 spm, GREECE: Parintha, 1921, leg. Sophrone, Schuster
Diplognatha gagates 2 spm, AUSTRALIA: Freshwater Queensland
Celidota stephensis 2 spm, KENYA: Nairobi
Pachnoda fasciata 7 spm, ZAMBIA: Katona, 1909
Pachnoda petersi 2 spm, ERITREA

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ΣΥΝΤΟΜΗ ΑΝΑΚΟΙΝΩΣΗ

Καταγραφή ειδών Κολεοπτέρων εντόμων της Συλλογής G.P. Moazzo του Μουσείου Γουλανδρή Φυσικής Ιστορίας. Μέρος III (Scarabaeidae)

J. Tylianakis, M. Δημάκη και B. Περδίου

Περίληψη Σε αυτήν την εργασία προσειάζεται ο κατάλογος 223 ειδών (727 δείγματα) της οικογένειας Scarabaeidae των υποοικογενειών Dynastinae (21 είδη), Melolonthinae (11 είδη), Rutelinae (29 είδη), Aphodiinae (104 είδη) και Cetoniinae (59 είδη), της Συλλογής του G.P. Moazzo του Μουσείου Γουλανδρή Φυσικής Ιστορίας. Παρέχονται όλες οι πληροφορίες των δειγμάτων που υπάρχουν. Σκοπός αυτής της εργασίας είναι η παρουσίαση της εντομολογικής συλλογής ως βάση αναφοράς για συγκριτικές μελέτες με σύγχρονο εντομολογικό υλικό.

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