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A catalogue of the tribe Sepidiini Eschscholtz, 1829 (Tenebrionidae, Pimeliinae) of the world

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Abstract

This catalogue includes all valid family-group (six subtribes), genus-group (55 genera, 33 subgenera), and species-group names (1009 species and subspecies) of Sepidiini darkling beetles (Coleoptera: Tenebrionidae: Pimeliinae), and their available synonyms. For each name, the author, year, and page number of the description are provided, with additional information (e.g., type species for genus-group names, author of synonymies for invalid taxa, notes) depending on the taxon rank. Verified distributional records (loci typici and data acquired from revisionary publications) for all the species are gathered. Distribution of the subtribes is illustrated and discussed.

Several new nomenclatural acts are included. The generic names *Phanerotomea* Koch, 1958 [= *Ocnodes* Fåhraeus, 1870] and *Parmularia* Koch, 1955 [= *Psammodes* Kirby, 1819] are new synonyms (valid names in square brackets).

The following new combinations are proposed: *Ocnodes acuductus acuductus* (Ancey, 1883), *O. acuductus ufipanus* (Koch, 1952), *O. adamantinus* (Koch, 1952), *O. argenteofasciatus* (Koch, 1953), *O. arnoldi arnoldi* (Koch, 1952), *O. arnoldi sabianus* (Koch, 1952), *O. barbosai* (Koch, 1952), *O. basilewskyi* (Koch, 1952), *O. bellmarleyi* (Koch, 1952), *O. benguelensis* (Koch, 1952), *O. bertolonii* (Guérin-Méneville, 1844), *O. blandus* (Koch, 1952), *O. brevicornis* (Haag-Rutenberg, 1875), *O. brunnescens brunnescens* (Haag-Rutenberg, 1871), *O. brunnescens molestus* (Haag-Rutenberg, 1875), *O. buccinator* (Koch, 1952), *O. bushmanicus* (Koch, 1952), *O. carbonarius* (Gerstaecker, 1854), *O. cardiopterus* (Fairmaire, 1888), *O. cataractus* (Koch, 1952),

O. cinerarius (Koch, 1952), *O. complanatus* (Koch, 1952), *O. confertus* (Koch, 1952), *O. congruens* (Péringuey, 1899), *O. cordiventris* (Haag-Rutenberg, 1871), *O. crocodilinus* (Koch, 1952), *O. dimorphus* (Koch, 1952), *O. distinctus* (Haag-Rutenberg, 1871), *O. dolosus* (Péringuey, 1899), *O. dorsocostatus* (Gebien, 1910), *O. dubiosus* (Péringuey, 1899), *O. ejectus* (Koch, 1952), *O. epronoticus* (Koch, 1952), *O. erichsoni* (Haag-Rutenberg, 1871), *O. ferreirae ferreirae* (Koch, 1952), *O. ferreirae zulu* (Koch, 1952), *O. fettingi* (Haag-Rutenberg, 1875), *O. fistucans* (Koch, 1952), *O. fraternus* (Haag-Rutenberg, 1875), *O. freyi* (Koch, 1952), *O. freudei* (Koch, 1952), *O. fulgidus* (Koch, 1952), *O. funestus* (Haag-Rutenberg, 1871), *O. gemmeulus* (Koch, 1952), *O. gibberosulus* (Péringuey, 1908), *O. gibbus* (Haag-Rutenberg, 1879), *O. globosus* (Haag-Rutenberg, 1871), *O. granisterna* (Koch, 1952), *O. granulosicollis* (Haag-Rutenberg, 1871), *O. gridellii* (Koch, 1960), *O. guerini guerini* (Haag-Rutenberg, 1871), *O. guerini lawrencii* (Koch, 1954), *O. guerini mancus* (Koch 1954), *O. haemorrhoidalis haemorrhoidalis* (Koch, 1952), *O. haemorrhoidalis salubris* (Koch, 1952), *O. heydeni* (Haag-Rutenberg, 1871), *O. humeralis* (Haag-Rutenberg, 1871), *O. humerangula* (Koch, 1952), *O. imbricatus* (Koch, 1952), *O. imitator imitator* (Péringuey, 1899), *O. imitator invadens* (Koch, 1952), *O. inflatus* (Koch, 1952), *O. janssensi* (Koch, 1952), *O. javeti* (Haag-Rutenberg, 1871), *O. junodi* (Péringuey, 1899), *O. kulzeri* (Koch, 1952), *O. lacustris* (Koch, 1952), *O. laevigatus* (Olivier, 1795), *O. lanceolatus* (Koch, 1953), *O. licitus* (Peringey, 1899), *O. luctuosus* (Haag-Rutenberg, 1871), *O. luxurosus* (Koch, 1952), *O. maputoensis* (Koch, 1952), *O. marginicollis* (Koch, 1952), *O. martinsi* (Koch, 1952), *O. melleus* (Koch, 1952), *O. mendicus estermanni* (Koch, 1952), *O. mendicus mendicus* (Péringuey, 1899), *O. miles* (Péringuey, 1908), *O. mimeticus* (Koch, 1952), *O. misolampoides* (Fairmaire, 1888), *O. mixtus* (Haag-Rutenberg, 1871), *O. monacha* (Koch, 1952), *O. montanus* (Koch, 1952), *O. mozambicus* (Koch, 1952), *O. muliebris curtus* (Koch, 1952), *O. muliebris muliebris* (Koch, 1952), *O. muliebris silvestris* (Koch, 1952), *O. nervosus* (Haag-Rutenberg, 1871), *O. notatum* (Thunberg, 1787), *O. notaticollis* (Koch, 1952), *O. odorans* (Koch, 1952), *O. opacus* (Solier, 1843), *O. osbecki* (Billberg, 1815), *O. overlaeti* (Koch, 1952), *O. ovulus* (Haag-Rutenberg, 1871), *O. pachysoma ornata* (Koch, 1952), *O. pachysoma pachysoma* (Péringuey, 1892), *O. papillosus* (Koch, 1952), *O. pedator* (Fairmaire, 1888), *O. perlucidus* (Koch, 1952), *O. planus* (Koch, 1952), *O. pretorianus* (Koch, 1952), *O. procursus* (Péringuey, 1899), *O. protectus* (Koch, 1952), *O. punctatissimus* (Koch, 1952), *O. puncticollis* (Koch, 1952), *O. punctipennis planisculptus* (Koch, 1952), *O. punctipennis punctipennis* (Harold, 1878), *O. punctipleura* (Koch, 1952), *O. rhodesianus* (Koch, 1952), *O. roriferus* (Koch, 1952), *O. rufipes* (Harold, 1878), *O. saltuarius* (Koch, 1952), *O. scabricollis* (Gerstaecker, 1854), *O. scopulipes* (Koch, 1952), *O. scrobicollis griqua* (Koch, 1952), *O. scrobicollis simulans* (Koch, 1952), *O. semirasus* (Koch, 1952), *O. semiscabrum* (Haag-Rutenberg, 1871), *O. sericicollis* (Koch, 1952), *O. similis* (Péringuey, 1899), *O. sjoestedti* (Gebien, 1910), *O. spatulipes* (Koch, 1952), *O. specularis* (Péringuey, 1899), *O. spinigerus* (Koch, 1952), *O. stevensoni* (Koch, 1952), *O. tarsocnoides* (Koch, 1952), *O. temulentus* (Koch, 1952), *O. tenebrosus melanarius* (Haag-Rutenberg, 1871), *O. tenebrosus tenebrosus* (Erichson, 1843), *O. tibialis* (Haag-Rutenberg, 1871), *O. torosus* (Koch, 1952), *O. transversicollis* (Haag-Rutenberg, 1879), *O. tumidus* (Haag-Rutenberg, 1871), *O. umvumanus* (Koch, 1952), *O. vagus* (Péringuey, 1899), *O. vaticinus* (Péringuey, 1899), *O. verecundus* (Péringuey, 1899), *O. vetustus* (Koch, 1952), *O. vexator* (Péringuey, 1899), *O. virago* (Koch, 1952), *O. warmeloi* (Koch, 1953), *O. zanzibaricus* (Haag-Rutenberg, 1875), *Psammophanes antinorii* (Gridelli, 1939), and *P. mirei* (Pierre, 1979).

The type species [placed in square brackets] of the following genus-group taxa are designated for the first time, *Ocnodes* Fåhraeus, 1870 [*Ocnodes scrobicollis* Fåhraeus, 1870], *Psammodophysis* Péringuey, 1899 [*Psammodophysis probes* Péringuey, 1899], and *Trachynotidus* Péringuey, 1899 [*Psammodes thoreyi* Haag-Rutenberg, 1871].

A lectotype is designated for *Histrionotus omercooperi* Koch, 1955 in order to fix its taxonomic status. *Ulamus* Kamiński is introduced here as a replacement name for *Echinotus* Marwick, 1935 [**Type species.** *Avicula echinata* Smith, 1817] (Mollusca: Pteriidae) to avoid homonymy with *Echinotus* Solier, 1843 (Coleoptera: Tenebrionidae).

Keywords
Africa, distribution, Molurini, new synonyms, new combinations, nomen novum, nomenclature, type species

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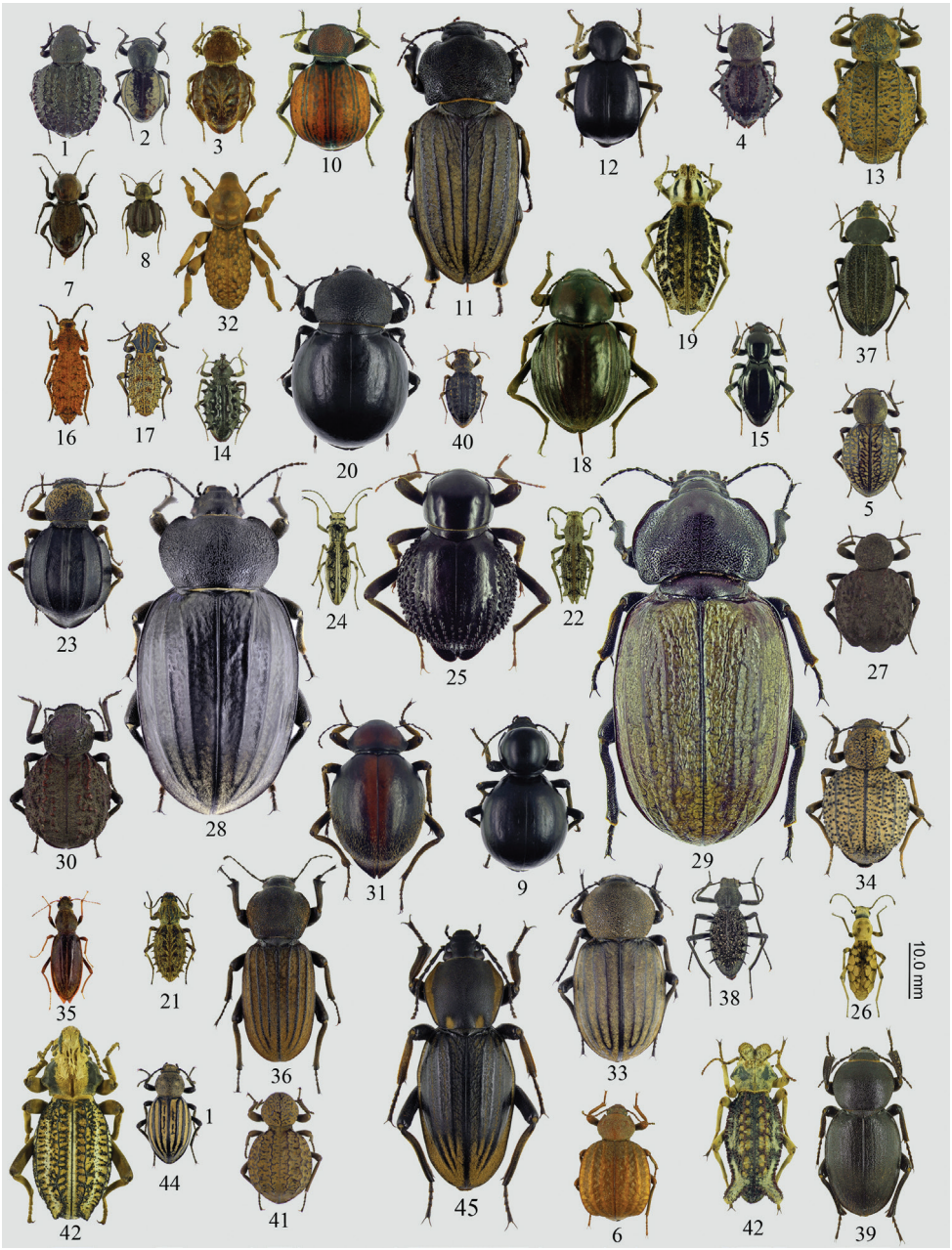
Introduction

The Sepidiini Eschscholtz, 1829 are a diverse tribe of ground-dwelling darkling beetles (Tenebrionidae) of the subfamily Pimeliinae Latreille, 1802 (Figs 1–45). The tribe is widely distributed throughout the Afrotropical Realm, with several species reaching the southern part of the Western Palaearctic (Koch 1955). Some Sepidiini (mainly *Ocnodes* Fåhraeus, 1870 and *Psammodes* Kirby, 1819) are commonly known for their tapping behaviour (sexual communication), which accounts for their vernacular name, the "toktokkies" (Lighton 1987, Matthews et al. 2010). The group also includes many large and/or morphologically remarkable species, e.g., *Stridulomus sulcicollis* (Péringuey, 1885), the largest (~ 80.0 mm) currently known tenebrionid species (Koch 1955, Matthews et al. 2010).



Figures 1–45. Morphology of representative species of the different subtribes of Sepidiini **1** *Arturium dallastai* (Molurina) **2** *Psammophanes jockli* (Molurina) **3** *Phrynocolus dentatus* (Molurina) **4** *Euphrynus sexdentatus* (Molurina) **5** *Psammophanes raffrayi* (Molurina) **6** *Distretus mormocyle* (Molurina) **7** *Psammophanes poccilator* (Molurina) **8** *Euphrynus sexdentatus* (Molurina) **9** *Moluris nitida* (Molurina) **10** *Dichtha inflata* (Molurina) **11** *Psammorhyssus titanus* (Phanerotomeina) **12** *Dichtha cubica* (Molurina) **13** *Brachyphrynus petrosus* (Molurina) **14** *Echinotus spinicollis* (Sepidiina) **15** *Psammodes attenuata* (Phanerotomeina) **16** *Vieta muscosa* (Sepidiina) **17** *Sepidium bidentatum* (Sepidiina) **18** *Psammodes ponderosus* (Phanerotomeina) **19** *Sepidium cristatum* (Sepidiina) **20** *Ocnodes scabricollis* (Phanerotomeina) **21** *Sepidium hystryx* (Sepidiina) **22** *Vieta spiculosa* (Sepidiina) **23** *Amiantus picteti* (Molurina) **24** *Sepidiostenus compressus* (Sepidiina) **25** *Psammodes vialis* (Phanerotomeina) **26** *Dimoniacis jacksoni* (Sepidiina) **27** *Physophrynus haroldi* (Molurina) **28** *Tarsocnodes molossa* (Phanerotomeina) **29** *Tarsocnodes nielseni* (Phanerotomeina)

From the morphological perspective, Sepidiini are defined by the following combination of characters (Koch 1955):

(i) cardo and stipes of maxillae and prelabium not covered by mentum (Fig. 46),
(ii) anterior margin of postgenae with a maxillary ridge or emargination (Fig. 46),
(iii) antennae with eleven segments (Fig. 47),
(iv) mesocoxae, in vast majority of cases, with visible trochantin (reduced in Sepidiina and a few Molurina Solier, 1843) (Fig. 48),
(v) large scutellum, extending across entire width of mesothoracic peduncle (Fig. 49), and
(vi) elytral base without vertical articulation face (the pronotum consequently freely movable on scutellum). Doyen (1994) also noted that in many Sepidiini the abdominal-sternal interlocking mechanism is different from all other Pimeliinae with the epipleural edge of the elytron overlapping the expanded sternite edge, rather than dovetailing into a groove.

The last comprehensive checklist of the species currently classified within Sepidiini was published by Gebien (1937a). At that time, 581 species were listed and divided over two separate tribes, Molurini and Sepidiini. No subtribal classification was proposed. After Gebien's catalogue (1937a) more than 50 contributions were published on the taxonomy, nomenclature, and classification of today's Sepidiini (see references). This includes descriptions of more than 400 species, reinterpretation of extremely diverse genera (e.g., *Ocnodes*, *Psammodes*, *Somaticus* Hope, 1840), fusion of the former tribes Molurini and Sepidiini (see Koch 1955, Doyen 1994), and finally, designation of the six currently recognised subtribes (see Bouchard et al. 2005, 2011).

From the strictly formal point of view, the validity of many names introduced after 1937 remained questionable (e.g., *Histrionotus omercooperi* Koch, 1955), since their unusual "descriptions" were incorporated in remarks concerning other taxa. Furthermore, the taxonomic affiliation of many genera and species is uncertain because of ambiguous remarks made by the contributors, see notes in the catalogue below.

The main aim of this work is to synthesise available nomenclatural, taxonomic, and distributional information concerning Sepidiini.

Materials and methods

Nomenclatural data

All nomenclaturally available family-, genus-, and species-group names are included. The author, year, and page of the original description are provided for each scientific name. The type genus for each family-group name and the type species and type fixation for each genus-group name are included. Type species fixed by original designation were only accepted when an explicit statement (e.g., "**Type species.**") was used in the original publication (see ICZN 1999, Articles 67.5, 68.2). The reference in which a given generic or specific name is first placed in synonymy with the current valid name is listed [e.g., "syn. by Penrith (1986: 11)"]. For every species-group name which was subsequently transferred to another genus, the original genus-group name is provided. The author which transferred a particular species-group name to a currently accepted subgenus is listed in square parentheses (e.g., *vagecostatus* (Fairmaire, 1882b) *Psammodes* [Koch 1953a] listed under *Psammophanes* (*Psammophanes*)): in this example, Koch (1953a) was the one to include this species under the subgenus *Psammophanes*. The subtribal classification follows Bouchard et al. (2011).

Type deposition data and the status of the name bearing types was primarily taken from the original publications. However, when authors provided the name of the entomological collection for the type deposition without referring to any public institutions the following publications were used in order to locate those collections:

Allard, Bates, Crotch, DeGeer, Desbrochers des Loges, Dohrn, Dupont, Gory, Hope, Klug, Pallas, Pascoe, Sahlberg, and Westwood collections – Bousquet (2016)
Banks collection – Chambers (2000)
Fabricius collection – Zimsen (1964), Copenhagen Museum (2019)
Gestro collection – Conci and Poggi (1996)
Haag-Rutenberg collection – Scherer (1992), Bousquet (2016)
Kocher collection – Bezděk and Regalin (2015)
Kolbe collection – Ohl (2012)
Spinola collection – Ekis (1975), Generani and Scaramozzino (2000), and Bousquet (2016)

Type deposition information provided in this catalogue was verified against the databases originating from the Basel (Kulzer 1963), British, Brussels, Budapest (Merkl et al. 2015), Cape, Ditsong, Tervuren, Warsaw, and Windhoek (Irish 1985) museums.

The following format for deposition information was used throughout the catalogue:

Agricultural Institute	Agricultural Institute in Pretoria, Pretoria, South Africa
Barcelona Museum	Museu de Ciències Naturals de Barcelona, Barcelona, Spain

Basel Museum	Naturhistorisches Museum Basel, Basel, Switzerland
Berlin Museum	Museum für Naturkunde, Berlin, Germany
Bloemfontein Museum	Bloemfontein National Museum, Bloemfontein, South Africa
Bologna Museum	Bologna Zoological Museum, Bologna, Italy
Bremen Museum	Übersee Museum, Bremen, Germany
British Museum	The Natural History Museum, London, United Kingdom
Brussels Museum	Muséum des sciences naturelles de Belgique, Brussels, Belgium
Budapest Museum	Magyar Természettudományi Múzeum, Budapest, Hungary
California Academy	Museum of the California Academy of Sciences, San Francisco, USA
Cambridge Museum	Harvard Museum of Natural History, Cambridge, USA
Cape Museum	Iziko South African Museum, Cape Town, South Africa
Companhia Diamantes	Companhia de Diamantes de Angola, Luanda, Angola
Copenhagen Museum	Statens Naturhistoriske Museum, University of Copenhagen, Copenhagen, Denmark
Cornell University	Cornell University, Ithaca, USA
Ditsong Museum	Ditsong National Museum of Natural History, Pretoria, South Africa
Dundo Museum	Dundo Museum, Dundo, Angola
Durban Museum	Durban Natural Science Museum, Durban, South Africa
Florence Museum	Museo di Storia Naturale di Firenze, Florence, Italy
Frankfurt Museum	Naturmuseum Senckenberg, Frankfurt, Germany
Geneva Museum	Muséum d'Histoire Naturelle, Geneva, Switzerland
Genoa Museum	Civic Museum of Natural History Giacomo Doria, Genoa, Italy
Glasgow Museum	Hunterian Zoology Museum, Glasgow, Scotland
Hamburg University	Universität Hamburg, Hamburg, Germany
Humboldt University	Humboldt-Universität, Berlin, Germany
Kenya Museum	National Museums of Kenya, Nairobi, Kenia
Kiel Museum	Zoologischen Museum Kiel, Kiel, Germany
Leiden Museum	Naturalis Museum, Leiden, Holland
Lund University	Zoological Museum, Lund University, Lund, Sweden
Madrid Museum	Museo Nacional de Ciencias Naturales, Madrid, Spain
Maputo Museum	Centro de Investigação Científica Algodoeira, Maputo, Mozambique
Marseille Museum	Muséum d'histoire naturelle de Marseille, Marseille, France

McGregor Museum	McGregor Museum, Kimberley, South Africa
Milan Museum	Museo Civico di Storia Naturale, Milano, Italy
Monaco Museum	Nouveau Musée National de Monaco, Monaco, Monaco
Munich Museum	Bayerisches Nationalmuseum, Munich, Germany
Museo Civico Filangieri	Museo Civico Filangieri, Naples, Italy
National Congo	nstitute of the National Parks of Belgian Congo (temporarily preserved in Tervuren Museum)
Naturhistoriska riksmuseet	Naturhistoriska riksmuseet, Stockholm, Sweden
New York Museum	American Museum New York, New York, USA
Ohio State	Ohio State University, Columbus, USA
Oxford University	Oxford University Museum of Natural History, Oxford, United Kingdom
Paris Museum	Muséum National d'Histoire Naturelle, Paris, France
Prague Museum	Národní muzeum, Prague, Czech Republic
Pretoria University	University of Pretoria, Pretoria, South Africa
Rabat Institute	d'Entomologie de l'Institut Scientifque Chérifen, Rabat, Morocco
Rhodes University	Rhodes University, Grahamstown, South Africa
Rhodesia Museum	National Museum of Southern Rhodesia, Bulawayo, Zimbabwe
South African National Collection	South African National Collection of Insects, Pretoria, South Africa
Stellenbosch University	Stellenbosch University, Stellenbosch, South Africa
Stuttgart Museum	Staatliches Museum für Naturkunde Stuttgart, Stuttgart, Germany
Tervuren Museum	Musée royal de l'Afrique centrale, Tervuren, Belgium
Torino Museum	Museo Regionale di Scienze Naturali di Torino, Turin, Italy
Trieste Museum	Museo Civico di Storia Naturale, Trieste, Italy
Uppsala University	Uppsala universitet Evolutionsmuseet, Uppsala, Sweden
Vienna Museum	Naturhistorisches Museum Wien, Wien, Austria
Warsaw Museum	Muzeum i Instytut Zoologii, Polska Akademia Nauk, Warsaw, Poland
Windhoek Museum	National Museum of Namibia, Windhoek, Namibia

Distribution data

The distribution of all subtribes was illustrated using Quantum GIS (QGIS) v. 2.4. All vector layers were downloaded from the Natural Earth webpage (http://www.natu-

ralearthdata.com). The list of localities was built by consulting available literature and is available as an Suppl. material to this publication (Suppl. material 1). Because of the uncertain status of most of the listed species, and extreme difficulties with identification of the majority of Sepidiini representatives, only records acquired from original species descriptions or revisionary papers were included. Geographic data with low degrees of accuracy (e.g., countries or states) were not georeferenced, and therefore are absent on the maps and distributional sections of particular subtribes.

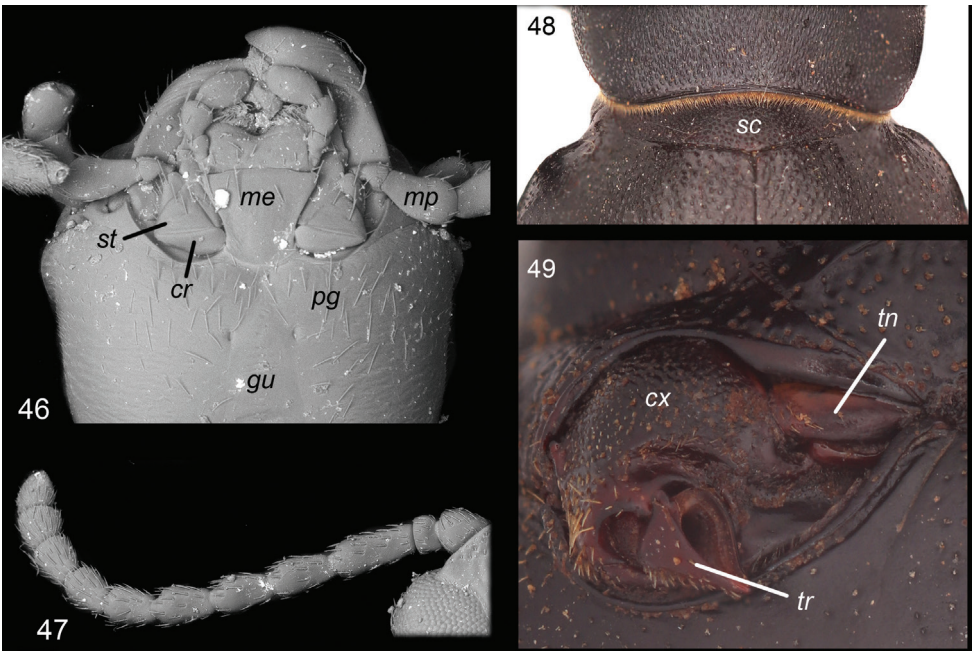
Results and remarks

A total of 1009 valid species and subspecies divided over 55 genera (33 subgenera) and six subtribes is listed in this catalogue. The subtribe Molurina is the most diverse with 382 valid species-group taxa, followed by the Trachynotina (218), Phanerotomeina (177), Sepidiina (124), Oxurina (63), and Hypomelina (45). In most cases, the species and subspecies diversity is not equally divided over the available genera (Fig. 50). This is most evident in the case of Phanerotomeina, where a single genus, *Ocnodes*, groups over 83% of currently accepted species and subspecies. A similar trend is seen in Molurina and Trachynotina, while in Sepidiina over 80% of known species and subspecies diversity is divided between *Sepidium* Fabricius, 1775 and *Vieta* Hope, 1840 (Fig. 50). This tendency was not reported for the most recently revised subtribes (Louw 1979, Penrith 1986), i.e., Hypomelina and Oxurina. In total, 11 monotypic genera are listed.

Although this publication focuses on the nomenclature and classification of Sepidiini, the examined references enabled to reveal the most urgent taxonomic problems within the tribe. According to Penrith (1986, 1987), the status of the majority of currently recognised subtribes should be tested. This strictly relies on the verification of monophyly of the most speciose genera, such as *Ocnodes* and *Psammodes.* The taxonomic history of theses taxa is complex (see catalogue below), resulting in taxonomic ambiguities at the higher classification levels. The other urgent taxonomic problem within Sepidiini concerns the verification of the status of many genera of Molurina. The available contributions to the taxonomy of molurines presented in several different publications (e.g., Gebien 1910a, Wilke 1921, Koch 1951, 1952, 1953b, 1954a, 1956, 1960, 1962a). The lack of a comprehensive revisions may cause taxonomic inflation, especially when alphataxonomic contributions prevail. Future efforts concerning Sepidiini should include phylogenetic and revisionary studies.

A database containing 2523 distributional records (857 not georeferenced) was created during this study (Fig. 51, Suppl. material 1). It needs to be highlighted that this list exclusively concerns loci typici and taxonomically revised data (acquired from generic revisions). However, because most Sepidiini species are known only from the type series, some basic remarks concerning distributional patterns of this tribe might be made.

According to the acquired data, Sepidiini are widely distributed throughout the Afrotropical Realm, except its northwestern parts (Fig. 51). Only Sepidiina has a distri-



Figures 46–49. Characters proposed to define Sepidiini. **46** Ventral portion of head (*Dichtha inflata*) **47** 11-segmented antenna (*Ocnodes similis*) **48** connection of pronotum and elytra (*Ocnodes procrustes*) **49** mesocoxa (*Trachynotidus* sp.). Abbreviations: cr - cardo; cx - coxa; gu - gula; me - mentum; mp - maxillary palp; pg - postgena; sc - scutellum; st - stipes; tn - trochantin; tr - trochanter.

bution that extends into the Western Palaearctic (mainly Mediterranean Basin). However, the majority of the species of this subtribe were described from Somalia. Within the remaining subtribes, the presence of only Molurina and Phanerotomeina was revealed north of the equator. The former seems to be especially speciose in the Horn of Africa. Furthermore, Molurina is the only subtribe within Sepidiini with Malagasy representatives. The distribution of Hypomelina, Oxurina, and Trachynotina is limited to the southern part of the African continent. The majority of the species representing the Hypomelina were described from the Namibian coast (Fig. 51).

Catalogue of the Sepidiini (Tenebrionidae: Pimeliinae) of the world

Tribe Sepidiini Eschscholtz, 1829: 4

Type genus. *Sepidium* Fabricius, 1775

Subtribes included. Hypomelina, Molurina, Oxurina, Phanerotomeina, Sepidiina, Trachynotina.

Distribution. Western Palaearctic (mainly Mediterranean Basin) and Afrotropical Realm (with exception of western Africa) (Fig. 51).

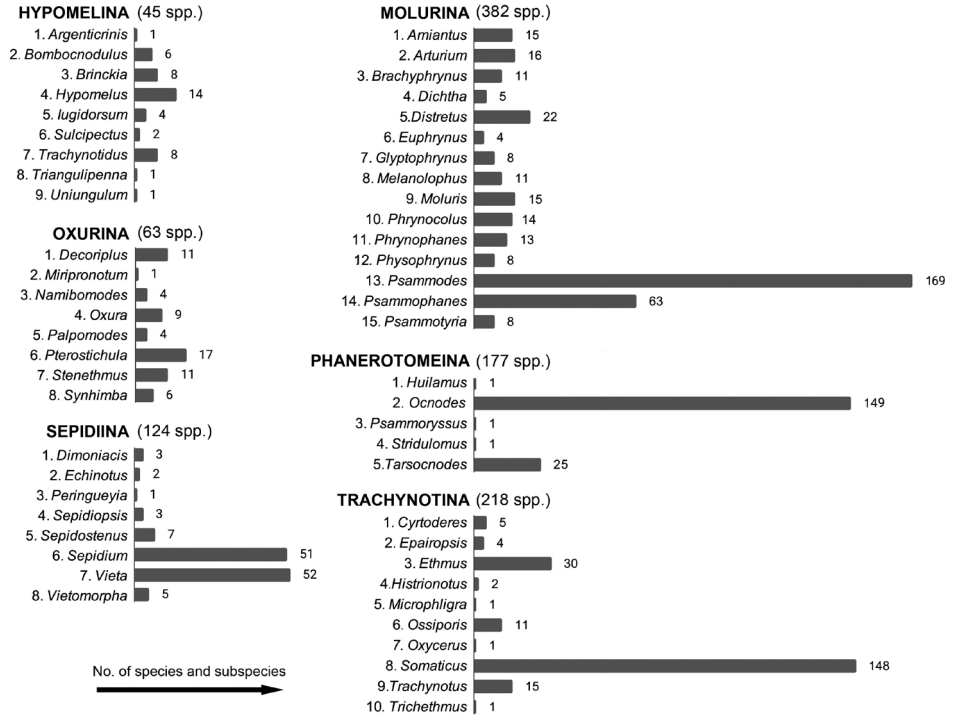


Figure 50. Summary of the generic and sub-/species diversity of the subtribes representing Sepidiini.

Subtribe Hypomelina Koch, 1955: 36

Type genus. *Hypomelus* Solier, 1843

Taxonomic diversity. (9 gen., 45 spp.): *Argenticrinis* (1 sp.), *Bombocnodulus* (6), *Brinckia* (8), *Hypomelus* (14), *Iugidorsum* (4), *Sulcipectus* (2), *Trachynotidus* (8), *Triangulipenna* (1), *Uniungulum* (1).

Distribution. Southern part of the Afrotropical Realm. Majority of species were described from the Namibian coast. A single genus, *Bombocnodulus,* reaching north to Central Africa (Fig. 51).

Genus *Argenticrinis* Louw, 1979: 100

Type species. *Argenticrinis haackei* Louw, 1979 (by original designation); syn. of *Psammodes lossowi* Koch, 1952)

lossowi (Koch, 1952: 339) *Psammodes* [Louw, 1980: 216]

Type data. Holotype (Ditsong Museum)

= *Argenticrinis haackei* Louw, 1979: 101 [syn. by Louw (1980: 216)]

Type data. Holotype (Windhoek Museum) and paratypes (Ditsong Museum, Windhoek Museum)

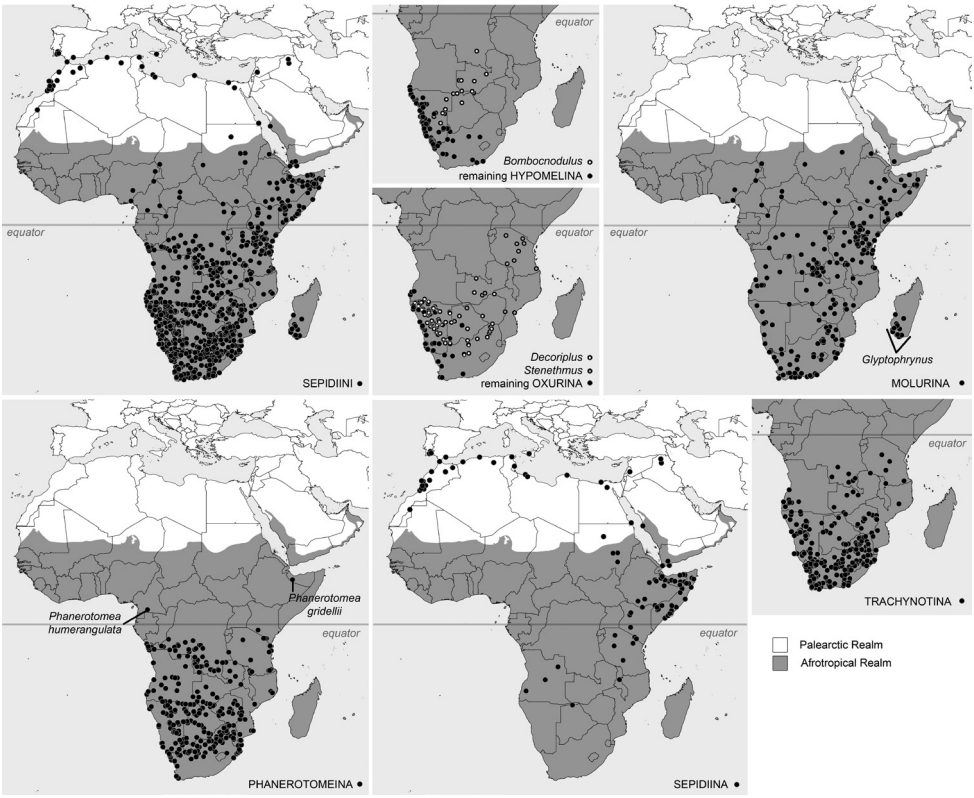


Figure 51. Revealed distributional patterns of Sepidiini. Selected outstanding records for particular subtribes were highlighted. Images were generated based on 1,666 records acquired from descriptive and revisionary papers.

Genus *Bombocnodulus* Koch, 1955: 36

Type species. *Psammodes crinicollis* Haag-Rutenberg, 1879 (by monotypy)

Notes. Although the description is unusual, it meets the criteria of Art. 11 and 13 ICZN (1999).

Genus originally described under Phanerotomeina, and subsequently transferred to Hypomelina by Louw (1979).

crinicollis crinicollis (Haag-Rutenberg, 1879: 293) *Psammodes* [Koch, 1955: 36]

Type data. Holotype (British Museum)

= *Psammodes inquinatus* Péringuey, 1899: 292 [syn. by Penrith (1986: 59)]

Type data. Holotype (Cape Museum)

crinicollis fortuitus (Péringuey, 1899: 292) *Psammodes* [Penrith, 1986: 61]

Type data. Syntypes (Cape Museum)

Notes. Penrith (1986) refers to a single specimen; however, the original description is based on more than one specimen. Péringuey (1899) does not designate a holotype in the text.

dollmani Penrith, 1986: 64

Type data. Holotype (British Museum) and paratype (Ditsong Museum)

longantennatus Penrith, 1986: 62

Type data. Holotype (Ditsong Museum) and paratype (Windhoek Museum)

torridus Penrith, 1986: 62

Type data. Holotype (British Museum) and paratypes (British Museum, Ditsong Museum)

wittei Penrith, 1986: 66

Type data. Holotype (Brussels Museum) and paratypes (Brussels Museum, Ditsong Museum)

Genus *Brinckia* Koch, 1962b: 117

Type species. *Psammodes debilis* Péringuey, 1899 (by original designation)

australis Penrith, 1986: 81

Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Windhoek Museum)

debilis (Péringuey, 1899: 277) *Psammodes* [Koch, 1962b: 121]

Type data. Lectotype, designated by Penrith (1986) (Cape Museum) and paralectotypes (Ditsong Museum)

delicata Penrith, 1986: 77

Type data. Holotype (Windhoek Museum) and paratypes (Ditsong Museum, Windhoek Museum)

insularis (Péringuey, 1908: 410) *Trachynotidus* [Koch, 1962b: 121]

Type data. Lectotype, designated by Penrith (1986) (Ditsong Museum) and paralectotype (Cape Museum)

oblonga (Thunberg, 1787: 37) *Sepidium* [Ferrer, 2009: 114]

Type data. Holotype (Uppsala University)

oograbiensis Koch, 1962b: 118

Type data. Holotype (Ditsong Museum) and paratype (Cape Museum)

serratina Koch, 1962b: 119

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum)

vaga (Péringuey, 1908: 411) *Trachynotidus* [Koch, 1962b: 122]

Type data. Lectotype, designated by Penrith (1986) (Cape Museum) and paralectotypes (Ditsong Museum, Windhoek Museum)

Genus *Hypomelus* Solier, 1843: 93

Type species. *Hypomelus bicolor* Solier, 1843 (by original designation); syn. of *Helops peronatus* Germar, 1823

Notes. Interpreted as a subgenus of *Psammodes* for a long time (e.g., Gebien 1937a) before being re-elevated to the generic level by Koch (1955).

The species composition mostly follows that in Gebien's catalogue (1937a).

basalis (Haag-Rutenberg, 1871a: 70, in key) *Psammodes* [Gebien, 1937a: 772]

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Note. A detailed morphological description was provided by Haag-Rutenberg (1871b: 93).

inaequalis Solier, 1843: 98

Type data. Holotype (Torino Museum – Spinola coll.)

= *Hypomelus flagrans* Péringuey, 1899: 273 [homonym of *Psammodes flagrans* Péringuey, 1899: 295 published on the same date; Gebien 1910b acted as First Reviser when he proposed the replacement name *Psammodes dentipennis* for the species *Hypomelus flagrans* Péringuey, 1899: 273]

= *Psammodes dentipennis* Gebien 1910b: 155, replacement name [syn. by Gebien (1937a: 772)]

Type data. Holotype (Cape Museum)

interstitialis (Haag-Rutenberg, 1871a: 70, in key) *Psammodes* [Gebien, 1937a: 772]

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Note. A detailed morphological description was provided by Haag-Rutenberg (1871b: 94).

obliquatus Solier, 1843: 97

Type data. Holotype (Geneva Museum – Gory collection)

= *Hypomelus sabulosus* Solier, 1843: 308 [syn. by Haag-Rutenberg (1871b: 97)]

Type data. Syntypes (Paris Museum)

obliteratus Solier, 1843: 96

Type data. Holotype (Geneva Museum – Gory collection)

peringueyi (Gebien 1910b: 158, replacement name) *Psammodes* [Gebien, 1937a: 772]

= *Hypomelus plausibilis* Péringuey, 1899: 295 [homonym of *Psammodes plausibilis* Péringuey, 1899: 271 published on the same date; Gebien 1910b acted as First Reviser when he proposed the replacement name *Psammodes peringueyi* for the species *Hypomelus plausibilis* Péringuey, 1899: 295]

Type data. Syntypes (Cape Museum)

peronatus (Germar, 1823: 149) *Helops* [Gebien, 1937a: 771]

Type data. Syntypes (Cape Museum, Paris Museum)

= *Oxura psammodioides* Guérin-Méneville, 1834: 20 [syn. by Haag-Rutenberg (1871b: 91)]

Type data. Syntypes (Paris Museum)

= *Hypomelus bicolor* Solier, 1843: 100 [syn. by Haag-Rutenberg (1871b: 91)]

Type data. Syntypes (Paris Museum)

profugus (Péringuey, 1899: 277) *Psammodes* [Koch 1955: caption to fig. 4]
Type data. Syntypes (Cape Museum)
reflexicollis (Haag-Rutenberg, 1871a: 70, in key) *Psammodes* [Gebien, 1937a: 772]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 97).
reflexus (Haag-Rutenberg, 1871a: 70, in key) *Psammodes* [Gebien, 1937a: 772]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 95).
servus Péringuey, 1899: 294
Type data. Syntypes (Cape Museum)
setosocostatus (Haag-Rutenberg, 1871a: 70, in key) *Psammodes* [Gebien, 1937a: 772]
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 99).
villosocostatus Solier, 1843: 98
Type data. Holotype (Torino Museum – Spinola coll.)
vulpinus (Haag-Rutenberg, 1873: 45, replacement name) *Psammodes* [Gebien, 1937a: 772]
= *Psammodes hirtipennis* Haag-Rutenberg, 1871b: 92 [junior primary homonym of *Psammodes hirtipennis* Haag-Rutenberg, 1871a: 105]
Type data. Holotype (Munich Museum)

Genus *Iugidorsum* Louw, 1979: 102

Type species. *Iugidorsum cumstriis* Louw, 1979 (by original designation)

cumstriis cumstriis Louw, 1979: 106
Type data. Holotype (Windhoek Museum) and paratypes (Windhoek Museum and Ditsong Museum)
cumstriis magnum Louw, 1979: 106
Type data. Holotype (Ditsong Museum) and paratype (Windhoek Museum)
cumstriis prominens Louw, 1979: 106
Type data. Holotype and paratypes (Ditsong Museum)
sinestriis Louw, 1979: 107
Type data. Holotype and paratype (Windhoek Museum)

Genus *Sulcipectus* Louw, 1979: 109

Type species. *Sulcipectus levis* Louw, 1979 (by original designation)

cumcavus Louw, 1979: 113

Type data. Holotype and paratypes (Windhoek Museum)

levis Louw, 1979: 110

Type data. Holotype and paratypes (Windhoek Museum)

Genus *Trachynotidus* Péringuey, 1899: 296

Type species. *Psammodes thoreyi* Haag-Rutenberg, 1871 (**here designated**)

Péringuey (1899) designated both *Clinocranion alstoni* Péringuey, 1885 and *Psammodes thoreyi* Haag-Rutenberg, 1871 as type species. According to the regulations of ICZN (1999) this cannot be treated as valid fixation of type species. Therefore, to provide nomenclatural stability *Psammodes thoreyi* Haag-Rutenberg, 1871 is hereby designated as a type species of the genus *Trachynotidus.*

Notes. In 1904, Péringuey described a new species named *damarinus* under "Gen. *Trachynotideus* Péring". The spelling "*Trachynotideus*" was generally treated as an incorrect subsequent spelling of *Trachynotidus* by subsequent authors (e.g., Gebien 1910b, 1937a) and is not in prevailing usage. This view is also adopted here. Judging from the context, Péringuey (1904) did not intend to describe "*Trachynotideus*" as a new genus as he stated "genus … nov" or "n. gen." near the other newly introduced generic names, i.e., "DIESTESOMA, n. gen.".

Koch (1955) provided a drawing of a species which he referred to as "*Trachynotidus XXI-lineatus*". However, this description does not meet the criteria of Art. 13.1.1 of the ICZN (1999).

alstoni (Péringuey, 1885: 116) *Clinocranion* [Péringuey, 1899: 297]

Type data. Holotype (Cape Museum)

angulicollis (Haag-Rutenberg, 1871a: 69, in key) *Psammodes* [Péringuey, 1904: 234]

Type data. Holotype (Naturhistoriska riksmuseet)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 88).

cognatus Péringuey, 1899: 297

Type data. Holotype (Cape Museum)

cruentus Péringuey, 1908: 411

Type data. Syntypes (Cape Museum)

eximius Péringuey, 1899: 298

Type data. Syntypes (British Museum, Cape Museum)

gravis (Gemminger 1870: 122, replacement name) *Psammodes* [Gebien, 1937a: 771]

= *Hypomelus grandis* Solier, 1843: 101 [homonym of *Phanerotoma grande* Solier, 1843: 90 published on the same date; Gebien 1910b acted as First Reviser when he proposed the replacement name *Psammodes gravis* for the species *Hypomelus grandis* Solier, 1843: 101]

Type data. Holotype (Geneva Museum – Gory collection)

rufozonatus (Fairmaire, 1888a: 194) *Trachynotus* [Gebien, 1937a: 771]

Type data. Holotype (Paris Museum)

= *Trachynotidus manifestus* Péringuey, 1899: 297 [syn. by Péringuey (1904: 297)]
Type data. Syntypes (Cape Museum)
thoreyi (Haag-Rutenberg, 1871b: 104) *Psammodes* [Gebien, 1937a: 771]
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

Genus *Triangulipenna* Louw, 1979: 114

Type species. *Triangulipenna lacuna* Louw, 1979 (by original designation)

lacuna Louw, 1979: 115
Type data. Holotype (Cape Museum) and paratypes (Cape Museum, Windhoek Museum)

Genus *Uniungulum* Koch, 1962b: 113

Type species. *Uniungulum hoeschi* Koch, 1962 (by original designation)

hoeschi Koch, 1962b: 114
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum)

Subtribe Molurina Solier, 1843: 1

Type genus. *Moluris* Latreille, 1802
Taxonomic diversity. (15 gen., 382 spp.): *Amiantus* (15 sp.), *Arturium* (16), *Brachyphrynus* (11), *Dichtha* (5), *Distretus* (22), *Euphrynus* (4), *Glyptophrynus* (8), *Melanolophus* (11), *Moluris* (15), *Phrynocolus* (14), *Phrynophanes* (13), *Physophrynus* (8), *Psammodes* (169), *Psammophanes* (63), *Psammotyria* (8).
Distribution. With exception of western Africa, widely distributed in the Afrotropical Realm. *Glyptophrynus* is the only Malagasy representative of the whole tribe (Fig. 51).

Genus *Amiantus* Fåhraeus, 1870: 279

Type species. *Amiantus gibbosus* Fåhraeus, 1870 (by subsequent designation by Haag-Rutenberg (1871a: 45))

browni Haag-Rutenberg, 1871a: 47
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
connexus Haag-Rutenberg, 1871a: 49
Type data. Syntypes (British Museum)

costipennis Kolbe, 1886: 292
Type data. Holotype (Berlin Museum)
decemcostatus (Gebien, 1910a: 156) *Phrynocolus* [Gebien 1937a: 757]
Type data. Holotype (Hamburg University)
gibbosus Fåhraeus, 1870: 280
Type data. Syntypes (Naturhistoriska riksmuseet)
globulipennis Péringuey, 1896: 167
Type data. Holotype (Cape Museum)
= *Amiantus multicostatus* Fairmaire, 1899a: 181 [syn. by Gebien (1937a: 757)]
Type data. Syntypes (Basel Museum, Paris Museum)
lobicollis Kolbe, 1886: 291
Type data. Holotype (Berlin Museum)
mechowi (Quedenfeldt, 1885: 6) *Distretus* [Gebien 1910b: 152]
Type data. Syntypes (Berlin Museum)
octocostatus Péringuey, 1896: 167
Type data. Holotype (Cape Museum)
octocristatus Fairmaire, 1899: 181
Type data. Holotype (Paris Museum)
opacus Haag-Rutenberg, 1871a: 49
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
pusillus Péringuey, 1904: 235
Type data. Syntypes (Cape Museum)
rusticus Fåhraeus, 1870: 280
Type data. Syntypes (Naturhistoriska riksmuseet)
scrobipennis Haag-Rutenberg, 1875: 68
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
undosus Distant, 1892: 199
Type data. Holotype (Ditsong Museum)

Genus *Arturium* Koch, 1951: 83

Type species. *Melanolophus ater* Waterhouse, 1885 (by original designation)

absciri Koch, 1959: 7
Type data. Holotype (Munich Museum)
ater (Waterhouse, 1885: 234) *Melanolophus* [Koch, 1951: 83]
Type data. Syntypes (British Museum)
Notes. Wilke (1921) suggested synonymy between *Melanolophus ater* Waterhouse, 1885 and *M. tenuecostatus* Gebien, 1910. However, this view was not accepted by Gebien (1937b, 1938) or subsequent authors (e.g., Koch (1951)).
auriculatus (Gebien, 1910a: 155) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Basel Museum)

benanum (Wilke, 1921: 167) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Basel Museum)

crispatus (Fairmaire, 1887: 184) *Phrynocolus* [Koch, 1951: 83]

Type data. Syntypes (Paris Museum)

= *Phrynocolus undatocostatus* Kolbe, 1891: 30 [syn. by Wilke (1921: 172)]

Type data. Holotype (Berlin Museum)

dallastai Ardoin, 1977: 811

Type data. Holotype and paratype (Tervuren Museum)

fiomicum (Wilke, 1921: 167) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Berlin Museum)

fulleborni (Wilke, 1921: 167) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Berlin Museum)

gebieni (Wilke, 1921: 168) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Basel Museum)

glauningi (Wilke, 1921: 167) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Berlin Museum)

methneri (Wilke, 1921: 166) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Basel Museum)

parvulus (Gestro, 1895: 132) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Genoa Museum)

pretiosum (Wilke, 1921: 167) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Basel Museum)

tenuecostatus (Gebien, 1910a: 155) *Phrynocolus* [Koch, 1951: 83]

Type data. Syntypes (Basel Museum, Berlin Museum)

undaticostis (Fairmaire, 1887: 183) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Paris Museum)

wembericum (Wilke, 1921: 168) *Phrynocolus* [Koch, 1951: 83]

Type data. Holotype (Berlin Museum)

Genus *Brachyphrynus* Fairmaire, 1882a: 71

Type species. *Brachyphrynus spissicornis* Fairmaire, 1882 (by monotypy)

abyssinicus abyssinicus (Haag-Rutenberg, 1871a: 39) *Phrynocolus* [Koch, 1951: 85]

Type data. Syntypes (Basel Museum, British Museum)

Notes. Treated as a synonym of *Psammophanes catenatus* (Reiche, 1850) by Koch (1953a). However, this interpretation was not adopted by the subsequent authors (Kaszab 1963).

abyssinicus breuningi Kaszab, 1963: 348

Type data. Holotype (Tervuren Museum) and paratypes (Budapest Museum, Tervuren Museum)

gallanus (Wilke, 1921: 163) *Phrynocolus* [Koch, 1951: 85]

Type data. Holotype (Berlin Museum)

kuntzeni (Wikle, 1921: 163) *Phrynocolus* [Koch, 1951: 85]

Type data. Syntypes (Basel Museum)

petrosus erlangeri (Wilke, 1921: 164) *Phrynocolus* [Koch, 1951: 85]

Type data. Syntypes (Basel Museum)

petrosus petrosus (Gerstaecker, 1871: 59) *Phrynocolus* [Koch, 1951: 85]

Type data. Holotype (Berlin Museum)

= *Phrynocolus ikutanus* Fairmaire, 1897: 113 [syn. by Wilke (1921: 171)]

Type data. Syntypes (Paris Museum)

placidus (Kolbe, 1885: 112) *Phrynocolus* [Koch, 1951: 85]

Type data. Holotype (Geneva Museum)

somalicus (Wilke, 1921: 164) *Phrynocolus* [Koch, 1951: 85]

Type data. Syntypes (Basel Museum)

spissicornis Fairmaire, 1882a: 72

Type data. Holotype (Paris Museum)

subnodosus (Gebien, 1937b: 48) *Phrynocolus* [Koch, 1951: 85]

Type data. Holotype (Trieste Museum) and paratype (Basel Museum)

wachei (Wilke, 1921: 163) *Phrynocolus* [Koch, 1951: 85]

Type data. Syntypes (Basel Museum)

Genus *Dichtha* Haag-Rutenberg, 1871a: 39

Type species. *Cryptogenius inflatus* Gerstacker, 1854 (by original designation)

Notes. "*Dichtha incantatoris* / *incantatoria* Koch, 1952" is considered here as a nomen nudum, since no published record of this species-group name was found during the present work.

cubica (Guérin-Méneville, 1845: 285) *Moluris* [Haag-Rutenberg, 1871a: 41]

Type data. Holotype (Paris Museum)

inflata (Gerstaecker, 1854: 532) *Cryptogenius* [Haag-Rutenberg, 1871a: 41]

Type data. Syntypes (Berlin Museum)

modesta Robiche, 2013: 159

Type data. Holotype (Paris Museum) and paratypes (Paris Museum, Gérard Robiche collection)

transvalica Brancsik, 1914: 65

Type data. Syntypes (Budapest Museum)

quedenfeldti Kolbe, 1886: 293

Type data. Syntypes (Berlin Museum)

Genus *Distretus* Haag-Rutenberg, 1871a: 42

Type species. *Moluris amplipennis* Fåhraeus, 1870 (by subsequent designation by Rye (1873: 287))

Subgenus *Distretus* Haag-Rutenberg, 1871a: 42

Type species. *Moluris amplipennis* Fåhraeus, 1870 (by subsequent designation by Rye (1873: 287))

amplipennis (Fåhraeus, 1870: 262) *Moluris* [Haag-Rutenberg, 1871a: 43]
Type data. Syntypes (Naturhistoriska riksmuseet)
dissociatus (Péringuey, 1899: 274) *Psammodes* [Gebien, 1937a: 757]
Type data. Holotype (Cape Museum)
fahraei Haag-Rutenberg, 1871a: 43
Type data. Holotype (Naturhistoriska riksmuseet)
inaequalis Fairmaire, 1894: 320
Type data. Holotype (Basel Museum)
mashunus (Péringuey, 1896: 167) *Amiantus* [Gebien, 1937a: 757]
Type data. Holotype (Cape Museum)
undosus Kolbe, 1886: 291
Type data. Syntypes (Berlin Museum)
undatus (Haag-Rutenberg, 1875: 69) *Amiantus* [Gebien, 1910b: 153]
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
variabilis Gebien, 1910a: 153
Type data. Syntypes (Basel Museum, Tervuren Musuem)
variolosus (Guérin-Méneville, 1854: 245) *Moluris* [Haag-Rutenberg, 1871a: 44]
Type data. Holotype (Warsaw Museum – Dohrn coll.)
= *Moluris pilicornis* Fåhraeus, 1870: 263 [syn. by Fairmaire (1894: 320)]
Type data. Syntypes (Naturhistoriska riksmuseet)
vietus (Péringuey, 1899: 273) *Psammodes* [Gebien, 1937a: 757]
Type data. Holotype (Cape Museum)

Subgenus *Perdistretus* Koch, 1953b: 65

Type species. *Distretus* (*Perdistretus*) *vilhenai* Koch, 1953 (by original designation)

acutecostatus (Fairmaire, 1888b: 260) *Dichtha* [Koch, 1953: 65]
Type data. Syntypes (Basel Museum, Leiden Museum)
angolanus Koch, 1953b: 72
Type data. Holotype (Cape Museum)

angustipennis Péringuey, 1892: 52

Type data. Holotype (Cape Museum)

Notes. Considered as a synonym of *Perdistretus acutecostatus* Fairmaire, 1888b by Gebien (1937a). However, this interpretation was not adopted by the subsequent authors (e.g., Koch 1953b: 68).

Originally described in combination with the generic name "Dichtrethus", which is treated as an incorrect subsequent spelling of *Distretus*, not in prevailing usage.

auritus Koch, 1953b: 73

Type data. Holotype (Munich Museum)

duartei Koch, 1953b: 70

Type data. Holotype (Munich Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum)

gracilis Gebien, 1910a: 152

Type data. Syntypes (Tervuren Museum)

mormolyce Koch, 1953b: 68

Type data. Holotype (Munich Museum) and paratype (Basel Museum, Ditsong Museum, Munich Museum)

seminitidus Quedenfeldt, 1888: 184

Type data. Holotype (Berlin Museum)

strioliceps Koch, 1953b: 71

Type data. Holotype (Munich Museum)

schoutedeni Koch, 1954a: 435

Type data. Holotype (Tervuren Museum) and paratypes (Ditsong Museum, Tervuren Museum)

upembensis Koch, 1954a: 437

Type data. Holotype (National Congo) and paratypes (Ditsong Museum, National Congo)

vilhenai Koch, 1953b: 65

Type data. Holotype (Dundo Museum) and paratype (Ditsong Museum, Dundo Museum)

Genus *Euphrynus* Fairmaire, 1897: 114

Type species. *Euphrynus spinithorax* Fairmaire, 1897 (by monotypy)

carinatus (Fåhraeus, 1870: 281) *Amiantus* [Koch, 1952: 345]

Type data. Holotype (Naturhistoriska riksmuseet)

= *Amiantus costatus* Péringuey, 1896: 168 [syn. by Gebien (1937a: 758)]

Type data. Syntypes (Cape Museum)

jansei Koch, 1952: 343

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum)

sexdentatus Koch, 1952: 344
Type data. Holotype (Ditsong Museum) and paratype (Basel Museum)
spinithorax Fairmaire, 1897: 114
Type data. Holotype (Geneva Museum)

Genus *Glyptophrynus* Fairmaire, 1899b: 532

Type species. *Glyptophrynus tenuesculptus* Fairmaire, 1899 (by monotypy)
Notes. Treated as a synonym of *Phrynocolus* by several authors (e.g., Gebien 1910b). However, this interpretation was not adopted in the more recent taxonomic works (i.e., Koch 1962a).

cordipennis Koch, 1962a: 12
Type data. Holotype and paratypes (Ditsong Museum)
madecassus madecassus (Fairmaire, 1901: 183) *Phrynocolus* [Wilke, 1921: 174]
Type data. Syntypes (Berlin Museum, British Museum)
madecassus pauliani Koch, 1962a: 15
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum)
ovipennis ovipennis (Fairmaire, 1899b: 533) *Phrynocolus* [Wilke, 1921: 174]
Type data. Syntypes (Paris Museum)
ovipennis serricostatus Koch, 1962a: 17
Type data. Holotype (Ditsong Museum)
tenuesculptus crassigranulatus Wilke, 1921: 174
Type data. Syntypes (Berlin Museum)
tenuesculptus tenuesculptus Fairmaire, 1899b: 532
Type data. Syntypes (Basel Museum, Paris Museum)
voeltzkowi Wilke, 1921: 174
Type data. Syntypes (Berlin Museum)

Genus *Melanolophus* Fairmaire, 1882a: 69

Type species. *Melanolophus septemcostatus* Fairmaire, 1882 (by monotypy)
Notes. Treated as a synonym of *Amiantus* by several authors (e.g., Fairmaire 1887, Gebien 1910b, 1937a). However, this interpretation was not adopted in the more recent taxonomic works (e.g., Koch 1956, 1960).

gridellii Koch, 1956: 170
Type data. Holotype (Trieste Museum) and paratypes (Ditsong Museum, Trieste Museum)
lomianus Koch, 1956: 173

Type data. Holotype (Trieste Museum) and paratypes (Basel Museum, Ditsong Museum, Trieste Museum)

picteti picteti (Haag-Rutenberg, 1871a: 46) *Amiantus* [Koch, 1960: 258]

Type data. Holotype (Geneva Museum)

picteti septemcostatus Fairmaire, 1882a: 70

Type data. Holotype (Basel Museum)

Notes. Synonymised with the nominotypical form by Gestro (1883). However, this decision was not adopted by the subsequent authors (Koch 1960).

picteti splendidus Koch 1960: 257

Type data. Holotype (Ditsong Museum)

praeplanatus Koch, 1960: 261

Type data. Holotype (Ditsong Museum)

sexcostatus benardellii Koch, 1960: 258

Type data. Holotype (Ditsong Museum) and paratypes (Geneva Museum, Munich Museum)

sexcostatus gibbithorax Koch, 1956: 175

Type data. Holotype (Trieste Museum) and paratypes (Ditsong Museum, Trieste Museum)

sexcostatus hellardi Koch, 1960: 258

Type data. Holotype and paratype (Ditsong Museum)

sexcostatus sexcostatus (Gahan, 1900: 28) *Amiantus* [Koch, 1956: 175]

Type data. Holotype (British Museum)

sexcostatus tuberculatus Koch, 1960: 258

Type data. Holotype (Ditsong Museum) and paratypes (Berlin Museum, Munich Museum, Milan Museum)

Genus *Moluris* Latreille, 1802: 169

Type species. *Tenebrio gibbus* Pallas, 1781 (by monotypy)

= *Physodera* Solier, 1843: 78 [junior subjective synonym proposed by Lacordaire (1859); junior homonym of *Physodera* Eschscholtz, 1829 (Coleoptera: Carabidae)]

Type species. *Pimelia gibba* Fabricius, 1787 (by original designation)

chevrolati Haag-Rutenberg, 1871a: 52

Type data. Holotype (Paris Museum)

discoidea Guérin-Méneville, 1845: 286

Type data. Holotype (Paris Museum)

Notes. According to Haag-Rutenberg (1871a), this species may be a member of *Distretus*.

ferrari Haag-Rutenberg, 1871a: 55

Type data. Holotype (Vienna Museum)

gibba (Pallas, 1781: 46) *Tenebrio* [Latreille, 1802: 169]

Type data. Syntypes (Humboldt University – Pallas collection)
= *Pimelia planata* Thunberg, 1787: 49 [syn. by Haag-Rutenberg (1871a: 53)]
Type data. Syntypes (Uppsala University)
= *Pimelia gibba* Fabricius, 1787: 24 [junior secondary homonym of *Tenebrio gibba* Pallas, 1781: 46]
Type data. Syntypes (Copenhagen Museum, Glasgow Museum, Kiel Museum)
= *Pimelia bistriata* Herbst, 1799: 50 [syn. by Haag-Rutenberg (1871a: 53)]
Type data. Syntypes (Berlin Museum)

gibbicollis Haag-Rutenberg, 1871a: 107
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

gibbosa (Thunberg, 1787: 49) *Pimelia* [Solier, 1843: 79]
Type data. Syntypes (Uppsala University)
= *Opatrum gibbosum* Thunberg, 1821: 33 [syn. by Ferrer (2009: 116)]
Type data. Holotype (Uppsala University)

globulicollis Solier, 1843: 80
Type data. Holotype (Torino Museum – Spinola coll.)

herbsti Haag-Rutenberg, 1871a: 54, replacement name
= *Pimelia gibba* Herbst, 1799: 48 [junior secondary homonym of *Tenebrio gibba* Pallas, 1781: 46]
Type data. Holotype (Berlin Museum)

nitida Haag-Rutenberg, 1871a: 52
Type data. Syntypes (Brussels Museum)

pseudonitida Péringuey, 1908: 406
Type data. Holotype (Cape Museum)

redtenbacheri Haag-Rutenberg, 1871a: 56
Type data. Holotype (Vienna Museum)

rustica Haag-Rutenberg, 1871a: 54
Type data. Holotype (Naturhistoriska riksmuseet)

semiscabra Solier, 1843: 81
Type data. Holotype (Torino Museum – Spinola coll.)

strigosa (Herbst, 1799: 49) *Pimelia* [Haag-Rutenberg, 1871a: 55]
Type data. Syntypes (Berlin Museum)
= *Moluris rouleti* Solier, 1843: 80 [syn. by Haag-Rutenberg (1871a: 55)]
Type data. Holotype (Geneva Museum – Gory collection)

tuberculata Haag-Rutenberg, 1871a: 107
Type data. Syntypes (Paris Museum)

Genus *Phrynocolus* Lacordaire, 1859: 201

Type species. *Cryptogenius dentatus* Solier, 1843 (by original designation)

Subgenus *Phrynocolopsis* Koch, 1951: 93

Type species. *Phrynocolus frondosus* Gerstacker, 1871 (original designation)

denhardti denhardti Wilke, 1921: 165 [Koch, 1951: 93]
Type data. Holotype (Berlin Museum)
denhardti fractus Koch, 1969: 13
Type data. Holotype (Munich Museum)
denhardti humeralis Koch, 1969: 12
Type data. Holotype (Geneva Museum)
desaegeri Koch, 1969: 15
Type data. Holotype (Brussels Museum) and paratypes (Brussels Museum, Tervuren Museum)
frondosus Gerstaecker, 1871: 59 [Koch, 1951: 93]
Type data. Holotype (Cape Museum)
transversus Fairmaire, 1887: 183 [Koch, 1951: 93]
Type data. Holotype (Paris Museum)
subfrondosus Wilke, 1921: 166 [Koch, 1951: 93]
Type data. Syntypes (Basel Museum, Berlin Museum)

Subgenus *Phrynocolus* Lacordaire, 1859: 201, replacement name

= *Cryptogenius* Solier, 1843: 37 [junior homonym of *Cryptogenius* Westwood, 1842 (Coleoptera: Hybosoridae)]
Type species. *Cryptogenius dentatus* Solier, 1843 (by original designation)

dentatus (Solier, 1843: 38) *Cryptogenius* [Lacordaire, 1859: 201]
Type data. Syntypes (Cape Museum, Paris Museum)
felinus Koch, 1951: 89
Type data. Holotype (Paris Museum) and paratypes (Basel Museum)
spinolai spinolai (Solier, 1843: 39) *Cryptogenius* [Lacordaire, 1859: 201]
Type data. Holotype (Warsaw Museum – Dupont collection)
Notes. Koch (1951: 88) described "var. *emarginatus*". He expressly gave it infrasubspecific rank since he also designated taxa at the subspecies level. Therefore, according to the art. 45.6.4. of the ICZN (1999) is should not be treated as an available subspecies.
= *Phrynocolus niloticus* Haag-Rutenberg, 1871a: 38 [syn. by Koch (1951: 88)]
Type data. Syntypes (Basel Museum, British Museum)
= *Phrynocolus cultratus* Fairmaire, 1891a: 249 [syn. by Wilke (1921: 171)]
Type data. Holotype (Paris Museum)
spinolai wilkei Koch, 1951: 88
Type data. Holotype and paratypes (Basel Museum)

theryi Koch, 1951: 89
Type data. Holotype (Basel Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum)

Subgenus *Spinophrynus* Koch, 1951: 90

Type species. *Phrynocolus spinipennis* Gebien, 1910 (by original designation)

spinipennis Gebien, 1910a: 154
Type data. Syntypes (Basel Museum)

incertae sedis

menghallensis Wilke, 1922: 381
Type data. Holotype (Berlin Museum)
Notes. This species and Wilke's (1922) publication were overlooked by Koch (1951) and therefore the correct placement of this species in one of the valid subgenera is uncertain.

Genus *Phrynophanes* Koch, 1951: 92

Type species. *Moluris gredleri* Haag-Rutenberg, 1877 (by original designation)
Notes. Originally described as a subgenus of *Phrynocolus*. Elevated to generic level by Koch (1960).

citernii (Gridelli, 1939b: 229) *Psammodes* [Koch, 1969: 21]
Type data. Holotype (Geneva Museum)
cryptisculptus Koch, 1969: 4
Type data. Holotype (Munich Museum)
discoideus (Fairmaire, 1891b: CCXCIV) *Phrynocolus* [Koch, 1969: 17]
Type data. Holotype (Paris Museum)
gredleri (Haag-Rutenberg, 1877: 515) *Moluris* [Koch, 1951: 93]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
= *Phrynocolus unicarinatus* Wilke, 1921: 170 [syn. by Koch (1969: 18)]
Type data. Holotype (Basel Museum)
humilis (Wilke, 1921: 170) *Phrynocolus* [Koch, 1951: 93]
Type data. Holotype (Berlin Museum)
lateritius (Wilke, 1921: 169) *Phrynocolus* [Koch, 1951: 93]
Type data. Syntypes (Basel Museum, Berlin Museum)
neumanni (Wilke, 1921: 169) *Phrynocolus* [Koch, 1951: 93]
Type data. Holotype (Basel Museum)

reticulatus Wilke, 1921: 169
Type data. Syntypes (Basel Museum, Berlin Museum)
schereri Koch, 1969: 20
Type data. Holotype (Munich Museum)
scortecii Koch, 1969: 19
Type data. Holotype (Geneva Museum)
schoutedeni (Koch, 1951: 92) *Phrynocolus* [Koch, 1969: 24]
Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Brussels Museum)
squamifer gridellianus Koch, 1960: 262
Type data. Holotype and paratype (Ditsong Museum)
squamifer squamifer (Gridelli, 1939b: 228) *Psammodes* [Koch, 1960: 262]
Type data. Syntypes (Geneva Museum, Trieste Museum)

Genus *Physophrynus* Fairmaire, 1882b: L

Type species. *Physophrynus burdoi* Fairmaire, 1882 (by monotypy)

bufo (Haag-Rutenberg, 1871a: 48) *Amiantus* [Koch, 1953a: 177]
Type data. Holotype (Warsaw Museum – Dohrn coll.)
= *Amiantus reichardi* Kolbe, 1886: 228 [syn. by Koch (1953a: 177)]
Type data. Holotype (Berlin Museum)
burdoi Fairmaire, 1882b: L
Type data. Holotype (Paris Museum)
bredoi Mal, 2005: 9
Type data. Holotype and paratypes (Brussels Museum)
crenatocostatus (Fairmaire, 1887: 181) *Amiantus* [Koch, 1953a: 177]
Type data. Holotype (Fairmaire collection)
haroldi (Haag-Rutenberg, 1871a: 47) *Amiantus* [Koch, 1953a: 177]
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
kaszabi Koch, 1953a: 176
Type data. Holotype (Budapest Museum)
manicanus (Péringuey, 1899: 226) *Amiantus* [Koch, 1953a: 177]
Type data. Holotype (Cape Museum)
revoili Fairmaire, 1887: 182
Type data. Holotype (Paris Museum)

Genus *Psammodes* Kirby, 1819: 412

Type species. *Psammodes longicornis* Kirby, 1819 (by monotypy)

= *Piesomera* Solier, 1843: 77 [junior subjective synonym proposed by Gebien (1937a: 759)]

Type species. *Pimelia scabra* Fabricius, 1775 (by monotypy)

= *Psammodophysis* Péringuey, 1899: 296 [junior subjective synonym proposed by Gebien (1910b: 154)]

Type species. *Psammodophysis probes* Péringuey, 1899 (**here designated**)

= *Parmularia* Koch, 1955: 35, syn. n. [homonym of *Parmularia* Macgillivray, 1887 (Bryozoa: Cheilostomida)]

Type species. *Psammodes caffra* Fåhraeus, 1870 (by monotypy)

Notes. Originally described as a monotypic subgenus of *Psammodes*. Interpreted here as a synonym of the nominal form, as sustaining a weakly defined and monotypic subgenus within present *Psammodes* seems to be unjustified.

algoensis Péringuey, 1899: 275

Type data. Holotype (Cape Museum)

asperulipennis Fairmaire, 1888: 193

Type data. Holotype (Paris Museum)

atratus Haag-Rutenberg, 1871a: 73, in key

Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 60).

basuto Koch, 1953c: 7

Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Lund University, Munich Museum)

barbatus Fåhraeus, 1870: 268

Type data. Holotype (Naturhistoriska riksmuseet)

= *Psammodes praeliator* Péringuey, 1899: 272 [syn. by Gebien (1937a: 765)]

Type data. Holotype (Cape Museum)

batesi Haag-Rutenberg, 1871a: 77

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. Treated as a synonym of *Psammodes ponderosus* Fåhraeus, 1870 by Péringuey (1904). However, this interpretation was not adopted by subsequent authors (Gebien 1937, Koch 1953c).

bennigseni Kraatz, 1897: 46

Type data. Holotype (Berlin Museum)

blapsoides Haag-Rutenberg, 1871a: 63, in key

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 43).

brunneus brunneus (Olivier, 1795: 14) *Pimelia* [Haag-Rutenberg, 1871b: 42]

Type data. Syntypes (Paris Museum)

brunneus rufocastaneus Haag-Rutenberg, 1871b: 42

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

brunnipes Haag-Rutenberg, 1871a: 72, in key

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 54).

caelatus Péringuey, 1899: 281

Type data. Syntypes (Cape Museum)

caffra Fåhraeus, 1870: 265

Type data. Holotype (Naturhistoriska riksmuseet)

caraboides Haag-Rutenberg, 1871a: 69, in key

Type data. Syntypes (British Museum, Cape Museum, Geneva Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 50).

carinatus Haag-Rutenberg, 1871a: 103

Type data. Syntypes (Berlin Museum)

clarus Haag-Rutenberg, 1873: 76

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

collaris Haag-Rutenberg, 1871b: 101

Type data. Holotype (Berlin Museum)

coloratus Haag-Rutenberg, 1871a: 71, in key

Type data. Holotype (Berlin Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 57).

comatus Haag-Rutenberg, 1871a: 106

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

comptus Haag-Rutenberg, 1871a: 109

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

convexus (Solier, 1843: 91) *Phanerotoma* [Haag-Rutenberg, 1871b: 61]

Type data. Holotype (Paris Museum)

coriaceus (Gerstaecker, 1854: 532) *Phanerotoma* [Haag-Rutenberg, 1871b: 68]

Type data. Syntypes (Berlin Museum)

= *Psammodes manifestus* Péringuey 1899: 274 [syn. by Gebien (1937a: 768)]

Type data. Holotype (Cape Museum)

costalis Haag-Rutenberg, 1871a: 97

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll., Royal Museum)

dejeani (Solier, 1843: 71) *Moluris* [Haag-Rutenberg, 1871a: 92]

Type data. Holotype (Paris Museum)

depressicollis Haag-Rutenberg, 1871a: 72, in key

Type data. Syntypes (British Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 67).

devexus Fåhraeus, 1870: 266

Type data. Holotype (Cape Museum)

diabolicus diabolicus Koch, 1952: 335

Type data. Holotype (Ditsong Museum) and paratype (Basel Museum, Budapest Museum, Ditsong Museum)

diabolicus tactilis Koch, 1962b: 123

Type data. Holotype and paratype (Ditsong Museum)

difficilis Haag-Rutenberg, 1871a: 73, in key

Type data. Syntypes (British Museum, Geneva Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 61).

dilutus Haag-Rutenberg, 1871a: 64, in key

Type data. Holotype (Warsaw Museum – Dohrn coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 80).

dimidiatus Haag-Rutenberg, 1871a: 71, in key

Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 88).

discrepans Péringuey, 1904: 230

Type data. Holotype (Cape Museum)

dohrni Haag-Rutenberg, 1871a: 67, in key

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 36).

eberlanzi Koch, 1952: 337

Type data. Holotype (Ditsong Museum)and paratypes (British Museum, Budapest Museum, Ditsong Museum)

egregius Haag-Rutenberg, 1871a: 74

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

ethologus Koch, 1953c: 10

Type data. Holotype (Ditsong Museum) and paratype (Durban Museum)

expletus Quedenfeldt, 1885: 4

Type data. Syntypes (Berlin Museum)

Notes. Type specimens of this species were unknown to Koch (1952); however, base on the original description he indicated this species to be a potential member of *Ocnodes*.

fartus Péringuey, 1904: 232

Type data. Holotype (Cape Museum)

= *Psammodes illotus* Péringuey, 1904: 233 [syn. by Gebien 1937a: 764]

Type data. Syntypes (Cape Museum)

ferrugineus Haag-Rutenberg, 1871a: 79

Type data. Syntypes (Cape Museum, Munich Museum – Haag-Rutenberg coll.)

flagrans Péringuey, 1899: 273

Type data. Holotype (Cape Museum)

fragilis Haag-Rutenberg, 1871a: 68, in key

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 32).

fritschi Haag-Rutenberg, 1871a: 103

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

funestus Haag-Rutenberg, 1871a: 72, in key

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 79).

gariesus Péringuey, 1899: 282

Type data. Holotype (Cape Museum)

gerstaeckeri Haag-Rutenberg, 1871b: 100

Type data. Holotype (Berlin Museum)

gibbus coelata (Solier, 1843: 64) *Moluris* [Haag-Rutenberg, 1871a: 82]

Type data. Holotype (Paris Museum)

gibbus gibbus (Linnaeus, 1760: 226) *Tenebrio* [Ferrer & Holson, 2009: 30]

Type data. Lectotype, designated by Ferrer and Holson (2009) (Naturhistoriska riksmuseet)

= *Pimelia striata* Fabricius, 1775: 251 [syn. by Ferrer and Holson (2009: 34)]

Type data. Syntypes (Copenhagen Museum, Kiel Museum)

= *Tenebrio glandiformis* Pallas, 1781: 45 [syn. by Haag-Rutenberg, 1871a: 82]

Type data. Syntypes (Humboldt University – Pallas collection)

gibbus gravidus (Solier, 1843: 69) *Moluris* [Haag-Rutenberg, 1871a: 85]

Type data. Syntypes (Paris Museum)

gibbus hemisphaericus (Solier, 1843: 68) *Moluris* [Haag-Rutenberg, 1871a: 85]

Type data. Holotype (Paris Museum)

gibbus nigrocostatus Haag-Rutenberg, 1871a: 85

Type data. Syntypes (Munich Museum)

gibbus solieri Gebien, 1910b: 161, replacement name

= *Moluris unicolor* Solier, 1843: 64 [junior secondary homonym of *Pimelia unicolor* Fabricius, 1787: 316].

Type data. (Warsaw Museum – Dupont collection)

gibbus unicolor (Fabricius, 1787: 316) *Pimelia* [Haag-Rutenberg, 1871a: 82]

Type data. Syntypes (British Museum, Kiel Museum, Naturhistoriska riksmuseet)

glaber Koch, 1953c: 10

Type data. Holotype (Lund University) and paratypes (Ditsong Musuem, Lund University)

glabratus bienus Koch, 1953b: 77

Type data. Holotype (Munich Museum)

glabratus glabratus Harold, 1878: 106

Type data. Holotype (Berlin Museum)

grandis (Solier, 1843: 90) *Phanerotoma* [Gemminger, 1870: 122]

Type data. Holotype (Paris Museum)

= *Psammodes lugubris* Fåhraeus, 1870: 269 [syn. by Haag-Rutenberg (1871b: 58)]

Type data. Holotype (Naturhistoriska riksmuseet)

granulatus (Solier, 1843: 87) *Phanerotomea* [Haag-Rutenberg, 1871b: 53]

Type data. Holotype (Paris Museum)

granulifer Haag-Rutenberg, 1871b: 54

Type data. Syntypes (Geneva Museum)

guillarmodi Koch, 1952: 340

Type data. Holotype (Ditsong Museum)

haagi Gebien, 1910b: 156, replacement name

= *Psammodes obliteratus* Haag-Rutenberg, 1871a: 103 [junior secondary homonym of *Hypomelus obliteratus* Solier, 1843: 97]

Type data. Holotype (Munich Museum)

hirtipennis Haag-Rutenberg, 1871a: 105

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

hirtipes (Laporte, 1840: 198) *Moluris* [Gebien, 1910b: 159]

Type data. Holotype (Paris Museum)

= *Moluris reichei* Solier, 1843: 67 [syn. by Haag-Rutenberg (1871a: 78)]

Type data. Holotype (Paris Museum)

hirtus (Bertoloni, 1849: 399) *Moluris* [Gerstaecker, 1854: 532]

Type data. Holotype (Bologna Museum)

herculeanus Haag-Rutenberg, 1871a: 68, in key

Type data. Syntypes (Naturhistoriska riksmuseet)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 86).

herero Péringuey, 1908: 409

Type data. Holotype (Cape Museum)

hottentottus Péringuey, 1899: 267

Type data. Holotype (Cape Museum)

incongruens Péringuey, 1899: 281

Type data. Syntypes (Cape Museum)

infernalis Harold, 1878: 106

Type data. Syntypes (Munich Museum)

intermedius Péringuey, 1899: 272

Type data. Holotype (Cape Museum)

janitor Koch, 1953c: 11

Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum, Lund University, Rhodes University)

kamagasus Péringuey, 1908: 409

Type data. Holotype (Cape Museum)

kirschi Haag-Rutenberg, 1871b: 102

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

kubub Péringuey, 1908: 408

Type data. Syntypes (Cape Museum)

kuisip Péringuey, 1908: 504

Type data. Holotype (Cape Museum)

Notes. Originally described under the name *Psammodes tuberculifer* (intended re-description; page: 407). However, in erratum (page: 504), renamed *kuisip*.

lanuginosus Haag-Rutenberg, 1871a: 105

Type data. Holotype (Warsaw Museum – Dohrn coll.)

lethargicus Péringuey, 1899: 284

Type data. Holotype (Cape Museum)

laevicollis (Solier, 1843: 65) *Moluris* [Haag-Rutenberg, 1871a: 78]

Type data. Holotype (Paris Museum)

longicornis Kirby, 1819: 480

Type data. Syntypes (British Museum)

= *Phanerotoma ruficore* Solier, 1843: 86 [syn. by Haag-Rutenberg (1871b: 45)]

Type data. Syntypes (Paris Museum)

longipes Haag-Rutenberg, 1871a: 108

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

lucidus Fåhraeus, 1870: 267

Type data. Holotype (Naturhistoriska riksmuseet)

mashunus Péringuey, 1899: 269

Type data. Syntypes (Cape Museum)

memnonius Haag-Rutenberg, 1871a: 50, in key

Type data. Holotype (British Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 50).

mimipinguis Koch, 1953c: 9

Type data. Holotype (Lund University) and paratypes (Ditsong Museum, Munich Museum)

moschleri Haag-Rutenberg, 1875: 73

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

muata Harold, 1878: 106

Type data. Syntypes (Munich Museum, Warsaw Museum)

mulleri Péringuey, 1899: 269

Type data. Syntypes (Cape Museum)

nigrisaxicola Koch, 1953b: 78

Type data. Holotype (British Museum)

nitens Fåhraeus, 1870: 267

Type data. Holotype (Naturhistoriska riksmuseet)

nitidicollis Haag-Rutenberg, 1871a: 91

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

nitidipennis (Fairmaire, 1897: 114) *Amiantus* [Gebien, 1937a: 763]

Type data. Holotype (Paris Museum)

nitidissimus Haag-Rutenberg, 1871a: 92

Type data. Holotype (Warsaw Museum – Dohrn coll.)

obsulcatus Haag-Rutenberg, 1871a: 72, in key

Type data. Holotype (Geneva Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 55).

ovatus (Solier, 1843: 90) *Phanerotoma* [Haag-Rutenberg, 1871b: 62]

Type data. Holotype (Paris Museum)

ovipennis Haag-Rutenberg, 1871a: 102

Type data. Holotype (Warsaw Museum – Dohrn coll.)

perfidus Péringuey, 1899: 283

Type data. Holotype (Cape Museum)

piceus Haag-Rutenberg, 1871a: 67, in key

Type data. Syntype (Geneva Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 33).

pilifer Haag-Rutenberg, 1871a: 69, in key

Type data. Holotype (British Museum – Bates coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 37).

pilosellus Haag-Rutenberg, 1875: 71

Type data. Syntypes (British Museum – Bates coll.)

pilosipennis Haag-Rutenberg, 1871a: 89

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

pilosus (Thunberg, 1787: 49) *Pimelia* [Haag-Rutenberg, 1871a: 104]

Type data. Syntypes (Uppsala University)

pinguis (Solier, 1843: 70) *Moluris* [Haag-Rutenberg, 1871a: 86]

Type data. Holotype (Paris Museum)

= *Psammodes rotundipennis* Péringuey, 1899: 268 [syn. by Gebien (1937a: 765)]

Type data. Holotype (Cape Museum)

placidus Péringuey, 1899: 280

Type data. Syntypes (Cape Museum)

plicatus (Solier, 1844: 72) *Moluris* [Haag-Rutenberg, 1871a: 95]

Type data. Holotype (Marseille Museum)

plicipennis Gemminger, 1870: 1899, replacement name

= *Phanerotoma plicatus* Solier, 1844: 299 [homonym of *Moluris plicatus* Solier, 1844: 284 published on the same date; Gemminger (1870) acted as First Reviser when he proposed the replacement name *Psammodes plicipennis* for the species *Phanerotoma plicatus* Solier, 1844: 87]

Type data. Holotype (Paris Museum)

ponderosus Fåhraeus, 1870: 264

Type data. Syntypes (Cape Museum, Naturhistoriska riksmuseet)

probes (Péringuey, 1899: 296) *Psammodophysis* [Gebien, 1910b: 159]
Type data. Holotype (Cape Museum)
procerus (Fåhraeus, 1870: 271) *Hypomelus* [Gebien, 1910b: 159]
Type data. Holotype (Naturhistoriska riksmuseet)
procustes (Westwood, 1875: 224) *Moluris* [Gebien, 1910b: 159]
Type data. Holotype (Oxford University – Westwood coll.)
= *Psammodes giganteus* Haag-Rutenberg, 1879: 290 [syn. by Gebien (1937a: 768)]
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
productus Haag-Rutenberg, 1871b: 101
Type data. Holotype (Berlin Museum)
profanus Péringuey, 1899: 271
Type data. Holotype (Cape Museum)
propinquus Quedenfeldt, 1885: 5
Type data. Syntypes (Berlin Museum)
protensus Haag-Rutenberg, 1871a: 73, in key
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 62).
pubescens (Solier, 1843: 85) *Phanerotomea* [Haag-Rutenberg, 1871b: 37]
Type data. Holotype (Paris Museum)
pustulifer Haag-Rutenberg, 1871a: 71, in key
Type data. Syntypes (Naturhistoriska riksmuseet)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 52).
quadricostatus (Fåhraeus, 1870: 272) *Hypomelus* [Gebien, 1910b: 159]
Type data. Syntypes (Naturhistoriska riksmuseet)
raucus Haag-Rutenberg, 1875: 159
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
reflexim argo (Gebien, 1920: 90) *Trachynotidus* [Gebien, 1937a: 771]
Type data. Holotype (Hamburg University – Michaelsen coll.)
retrospinosus Haag-Rutenberg, 1871a: 61, in key
Type data. Syntypes (Geneva Museum, Warsaw Museum)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 29).
rotundicollis Haag-Rutenberg, 1871b: 69
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
rufofasciatus Haag-Rutenberg, 1871a: 96
Type data. Syntypes (Cape Museum, Warsaw Museum)
rufonervosus Haag-Rutenberg, 1871a: 96
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
rufostriatus Haag-Rutenberg, 1875: 70
Type data. Syntypes (British Museum, Cape Museum, Munich Museum – Haag-Rutenberg coll.)

rugulosipennis Haag-Rutenberg, 1871a: 98
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
rugulosus (Solier, 1843: 93) *Phanerotomea* [Haag-Rutenberg, 1871b: 49]
Type data. Holotype (Paris Museum)
= *Psammodes exilis* Péringuey, 1899: 280 [syn. by Péringuey (1904: 297)]
Type data. Syntypes (Cape Museum)
Notes. Interpreted as a synonym of *Psammodes caraboides* Haag-Rutenberg, 1871 by Gebien (1937a); however, no justification was provided. It is unclear if Gebien (1937a) was aware of Péringuey's (1904) interpretation. A detailed morphological investigation of the type material is needed to resolve the status of these species. Presently, this catalogue favours the older interpretation of Péringuey (1904).
rusticus Péringuey, 1899: 270
Type data. Syntypes (Cape Museum)
scaber (Fabricius, 1775: 251) *Pimelia* [Haag-Rutenberg, 1871a: 109]
Type data. Holotype (British Museum)
scabratus scabratus (Solier, 1843: 74) *Moluris* [Haag-Rutenberg, 1871a: 110]
Type data. Holotype (Warsaw Museum – Dupont collection)
scabratus gariepinus Koch, 1953c: 5
Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum)
scabriusculus Haag-Rutenberg, 1871a: 98
Type data. Syntypes (Brussels Museum)
schultzei Peinguey, 1908: 408
Type data. Holotype (Cape Museum)
segnis Haag-Rutenberg, 1871a: 71, in key
Type data. Syntypes (Vienna Museum)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 49).
sellatus sellatus Haag-Rutenberg, 1875: 72
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
sellatus uriai Koch, 1953b: 75
Type data. Holotype (Ditsong Museum)
semipilosus Haag-Rutenberg, 1871a: 80
Type data. Syntypes (Geneva Museum)
= *Psammodes approximans* Péringuey, 1899: 270 [syn. by Gebien (1937a: 765)]
Type data. Holotype (Cape Museum)
semivillosus Haag-Rutenberg, 1871a: 80
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
setipennis Haag-Rutenberg, 1871a: 107
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
solitarius Péringuey, 1899: 273
Type data. Holotype (Cape Museum)
spiculosus Haag-Rutenberg, 1871a: 111

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
= *Psammodes karrooensis* Péringuey, 1899: 267 [syn. by Gebien (1937a: 760)]
Type data. Syntypes (Cape Museum)

spinosus Haag-Rutenberg, 1871a: 62, in key
Type data. Holotype (Cape Museum)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 40).

splendens Haag-Rutenberg, 1871a: 73, in key
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 61).

steinhelli Haag-Rutenberg, 1878: 91
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

striatopilosus Haag-Rutenberg, 1871a: 90
Type data. Syntypes (Geneva Museum)

subaeneus Harold, 1878: 106
Type data. Holotype (Munich Museum)

subcostatus (Solier, 1843: 88) *Phanerotomea* [Haag-Rutenberg, 1871b: 46]
Type data. Holotype (British Museum)

subgranulatus Haag-Rutenberg, 1871a: 78
Type data. Syntypes (Cape Museum, Munich Museum – Haag-Rutenberg coll.)

tenuipes (Fåhraeus, 1870: 273) *Hypomelus* [Haag-Rutenberg, 1871b: 47]
Type data. Holotype (Cape Museum)

timarchoides Haag-Rutenberg, 1871a: 79
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

togatus Koch, 1953c: 10
Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Lund University)

tomentosus (Solier, 1843: 73) *Moluris* [Haag-Rutenberg, 1871a: 93]
Type data. Holotype (Paris Museum)

trachysceloides Haag-Rutenberg, 1871a: 72, in key
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 55).

transvaalensis Haag-Rutenberg, 1875: 81
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
=*Psammodes laetulus* Péringuey, 1899: 278 [syn. by Gebien (1937a: 766)]
Type data. Syntypes (Cape Museum)

tricostatus (Fåhraeus, 1870: 273) *Hypomelus* [Haag-Rutenberg, 1871b: 48]
Type data. Syntypes (Naturhistoriska riksmuseet)
= *Psammodes mendax* Péringuey, 1899: 283 [syn. by Gebien (1937a: 766)]
Type data. Holotype (Cape Museum)
= *Psammodes praestans* Péringuey, 1899: 282 [syn. by Péringuey (1904: 297)]

Type data. Syntypes (Cape Museum)

Notes. Interpreted as a synonym of *Hypomelus tenuipes* Fåhraeus, 1870 by Gebien (1937a); however, no justification was provided. It is not clear if Gebien (1937a) was aware of Péringuey's (1904) interpretation. A detailed morphological investigation of the type material of *tenuipes*, *tricostatus*, and its synonyms, is needed in order to resolve the status of these species. Presently, this catalogue favours the older interpretation of Péringuey (1904).

tristis Fåhraeus, 1870: 269

Type data. Syntypes (Naturhistoriska riksmuseet)

tuberculipennis Haag-Rutenberg, 1871a: 60, in key

Type data. Holotype (British Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 31).

= *Psammodes interventor* Péringuey, 1908: 410 [syn. by Péringuey (1908: 504) in erratum of the original work]

Type data. Holotype (Cape Museum)

Notes. Gebien (1937a) treated *tuberculipennis* and *interventor* as two independent species; however, no comments were provided. It is possible that Gebien missed Péringuey's (1908) erratum. A detailed investigation of the type specimens is needed to solve this taxonomic problem. Presently, this catalogue favours the older interpretation of Péringuey (1908).

tumidipennis Haag-Rutenberg, 1871a: 88

Type data. Syntypes (Geneva Museum, Warsaw Museum – Dohrn coll.)

undulatus Haag-Rutenberg, 1871a: 102

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

uniformis uniformis Haag-Rutenberg, 1871a: 88

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

uniformis litoralis Koch, 1953c: 7

Type data. Holotype (Cape Museum) and paratypes (Ditsong Museum, Lund University, McGregor Museum, Rhodes University)

uniformis rugigaster Koch, 1953c: 7

Type data. Holotype (Cape Museum) and paratypes (Cape Museum, Ditsong Museum, Stellenbosch University, Lund University)

validus Kratz, 1897: 48

Type data. Holotype (Berlin Museum)

velutinus Haag-Rutenberg, 1871a: 87

Type data. Syntypes (Vienna Museum)

ventricosus Fåhraeus, 1870: 264

Type data. Syntypes (Naturhistoriska riksmuseet)

vialis tuberculifer Haag-Rutenberg, 1871a: 60, in key

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 31).

vialis vialis (Burchell, 1822: 305) *Moluris* [Gebien, 1937a: 760]

Type data. Syntypes (Oxford University – Burchell coll.)

= *Moluris pierreti* Amyot, 1835: 129 [syn. by Gebien (1937a: 760)]

Type data. Syntypes (Paris Museum)

villosostriatus Haag-Rutenberg, 1871a: 87

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

villosulus Haag-Rutenberg, 1871a: 81

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

vittatus (Solier, 1843: 113) *Trachynotus* [Haag-Rutenberg, 1871a: 85]

Type data. Holotype (Paris Museum)

volvulus Haag-Rutenberg, 1871a: 68, in key

Type data. Holotype (Naturhistoriska riksmuseet)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 37).

=*Psammodes adventitus* Péringuey, 1899: 299 [syn. by Péringuey, (1904: 297)]

Type data. Holotype (Cape Museum)

zschokkei Koch, 1953b: 84

Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum)

Genus *Psammophanes* Lesne, 1922: 689

Type species. *Moluris catenata* Reiche, 1850 (by original designation)

Notes. Originally described as a subgenus of *Psammodes*, and elevated to the generic level by Koch (1953a).

Subgenus *Psammolophus* Koch, 1953a: 154

Type species. *Psammodes acuticosta* Fairmaire, 1884 (by original designation)

acuticosta (Fairmaire, 1884: LXXIV) *Psammodes* [Koch, 1953a: 155]

Type data. Syntypes (Basel Museum, Cape Museum)

lomii (Gridelli, 1939b: 230) *Psammodes* [Koch, 1953a: 155]

Type data. Syntypes (Trieste Museum)

Subgenus *Psammophanes* Lesne, 1922: 689

Type species. *Moluris catenata* Reiche, 1850 (by original designation)

angulicauda (Lesne, 1922: 691) *Psammodes* [Lesne, 1922: 691]
Type data. Syntypes (Paris Museum)
antinorii (Gridelli, 1939b: 234) *Psammodes* comb. n.
Type data. Syntypes (Trieste Museum)
Notes. This species was unknown to Koch (1953a). Included here within the subgenus *Psammophanes* based on its close affiliation to *raffrayi* (see Gridelli 1939b).
beccarii beccarii (Gridelli, 1939a: 105) *Psammodes* [Gridelli, 1939a: 105]
Type data. Holotype (Vienna Museum) and paratype (Monaco Museum)
beccarii sudanicus Koch, 1953a: 169
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum)
borosi Koch, 1953a: 173
Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Brussels Museum, Budapest Museum, Ditsong Museum)
castanopterus (Haag-Rutenberg, 1875: 69) *Amiantus* [Gebien 1937a: 763]
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
catenatus (Reiche, 1850: 366) *Moluris* [Lesne, 1922: 692]
Type data. Holotype (Paris Museum)
= *Psammodes abyssinicus* Haag-Rutenberg, 1871b: 32 [syn. by Koch (1953a: 171)]
Type data. Syntypes (Munich Museum, Warsaw Museum)
camiadei Robiche, 2013: 157
Type data. Holotype (Paris Museum) and paratypes (Paris Museum, Gérard Robiche collection)
densepunctatus Koch, 1953a: 158
Type data. Holotype (Munich Museum) and paratypes (Ditsong Museum, Munich Museum)
duodecimcostatus (Lesne, 1922: 693) *Psammodes* [Lesne, 1922: 693]
Type data. Syntypes (Paris Museum)
Notes. Originally described as a subspecies of *catenatus*; status elevated by Koch (1953a).
granuliger Koch, 1953a: 160
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum)
gridellii gridellii Koch, 1953a: 164
Type data. Holotype (Munich Museum)
gridellii microsetosus Koch, 1953a: 165
Type data. Holotype (Munich Museum)
gurannicus (Lesne, 1922: 694) *Psammodes* [Lesne, 1922: 694]
Type data. Holotype (Paris Museum)
impressiventris (Fairmaire, 1897: 115) *Psammodes* [Gebien, 1937a: 762]
Type data. Holotype (Basel Museum)
kilimandjarus Koch, 1953a: 174

Type data. Holotype (Paris Museum) and paratypes (Munich Museum)

leakeyi Koch, 1953a: 171

Type data. Holotype (Kenya Museum) and paratypes (Ditsong Museum)

mirei (Pierre, 1979: 7) *Psammodes* comb. n.

Notes. Originally described as *Psammodes* (*Psammophanes*) *mirei*. According to the original description, this species is allied to *Psammophanes* (*Psammophanes*) *naivashanus* (Lesne, 1922). Based on this information, *P. mirei* is hereby included within subgenus *Psammophanes*.

Type data. Holotype and paratypes (Paris Museum)

nairobiensis Koch, 1953a: 173

Type data. Holotype (Royan Brussels) and paratypes (Basel Museum, Brussels Museum, Budapest Museum, Ditsong Museum, Munich Museum, Kenya Museum)

naivashanus (Lesne, 1922: 690) *Psammodes* [Lesne, 1922: 690]

Type data. Syntypes (Budapest Museum, Paris Museum)

pilosiusculus ecostatus (Lesne, 1922: 691) *Psammodes* [Lesne, 1922: 691]

Type data. Syntypes (Paris Museum)

pilosiusculus pilosiusculus (Gebien, 1913: 60) *Psammodes* [Gebien, 1937a: 763]

Type data. Holotype (Munich Museum) and paratypes (Basel Museum, Budapest Museum, Munich Museum, Tervuren Museum)

pilosiusculus ruandanus Koch, 1953a: 168

Type data. Holotype (Tervuren Museum)

plicatoides Koch, 1953a: 164

Type data. Holotype and paratype (Kenya Museum)

plicatus aethiopicus Koch, 1953a: 162

Type data. Holotype (Munich Museum)

plicatus multilineatus Koch, 1953a: 161

Type data. Holotype (Kenya Museum) and paratypes (Basel Museum, Budapest Museum, Munich Museum, Kenya Museum)

plicatus plicatus (Gerstaecker, 1871: 59) *Phrynocolus* [Koch, 1953a: 160]

Type data. Syntypes (Berlin Museum)

plicatus sulcatus (Gebien 1910b, replacement name) *Psammodes* [Lesne, 1922: 694]

= *Psammodes plicipennis* Fairmaire, 1891b: CCXCIII [junior primary homonym of *Psammodes plicipennis* Gemminger, 1870: 1899]

Type data. Holotype (Paris Museum)

praetenuis praetenuis Koch, 1953a: 163

Type data. Holotype (Munich Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum, Munich Museum)

praetenuis subtomentosus Koch, 1953a: 163

Type data. Holotype (Munich Museum) and paratypes (Budapest Museum, Munich Museum)

pyriformis (Gridelli, 1939b) *Psammodes* [Koch, 1953a: 171]

Type data. Syntypes (Trieste Museum)

raffrayi pseudocatenatus Koch, 1953a: 167

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum, Munich Museum)

raffrayi raffrayi (Lesne, 1922: 694) *Psammodes* [Lesne, 1922: 694]

Type data. Syntypes (Paris Museum)

rubrolineatus (Lesne, 1922: 693) *Psammodes* [Lesne, 1922: 693]

Type data. Syntypes (Basel Museum)

sexcostatus (Gerstäcker, 1884: 54) *Phrynocolus* [Lesne, 1922: 691]

Type data. Holotype (Berlin Museum)

somalicus Koch, 1953a: 158

Type data. Holotype (Munich Museum) and paratype (Disong Museum)

terrenus crassecostatus Koch, 1953a: 175

Type data. Holotype (Tervuren Museum) and paratypes (Budapest Museum, Ditsong Museum)

terrenus rugilineatus Koch, 1953a: 176

Type data. Holotype (Tervuren Museum) and paratypes (National Museums of Kenya)

terrenus terrenus (Lesne, 1922: 694) *Psammodes* [Lesne, 1922: 694]

Type data. Holotype (Paris Museum)

vagecostatus (Fairmaire, 1882b: L) *Psammodes* [Koch 1953a: 169]

Type data. Holotype (Paris Museum)

Notes. Treated as a synonym of *Amiantus castanopterus* Haag-Rutenberg, 1875 by Gebien (1937a); however, this interpretation was not accepted by more recent reviewers (e.g., Koch 1953a: 169).

Subgenus *Psammophrynopsis* Koch, 1953a: 157

Type species. *Phrynocolus frommi* Wilke, 1921 (by original designation)

frommi (Wilke, 1921: 169) *Phrynocolus* [Koch, 1953a: 157]

Type data. Syntypes (Berlin Museum)

Subgenus *Psammophrynus* Koch, 1953a: 146

Type species. *Psammophanes* (*Psammophrynus*) *jokli* Koch, 1953 (by original designation)

jokli Koch, 1953a: 152

Type data. Holotype (Brussels Museum) and paratypes (Budapest Museum, Brussels Museum, Ditsong Museum, Munich Museum)

penicillatus penicillatus Koch, 1953a: 153

Type data. Holotype (Tervuren Museum)

penicillatus piacatus Koch, 1953a: 154

Type data. Holotype (Tervuren Museum)

poccilator Koch, 1953a: 153

Type data. Holotype (Tervuren Museum)

Subgenus *Psammostretus* Koch, 1953a: 145

Type species. *Psammodes bisbicostatus* Gebien, 1910 (by original designation)

bisbicostatus bisbicostatus (Gebien, 1910a: 153) *Psammodes* [Koch, 1953a: 147]

Type data. Syntypes (Basel Museum, Tervuren Museum)

bisbicostatus leleupi Koch, 1953a: 148

Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum, Tervuren Museum)

circumscriptus Koch, 1953a: 151

Type data. Holotype (Cape Museum) and paratypes (Basel Museum, Brussels Museum, Budapest Museum, Ditsong Museum)

erectepilosus erectepilosus Koch, 1953a: 150

Type data. Holotype (Tervuren Museum) and paratypes (Ditsong Museum, Tervuren Museum)

erectepilosus tanganyikanus Koch, 1953a: 150

Type data. Holotype (Munchen Museum)

maculicollis Koch, 1953a: 150

Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum, Tervuren Museum)

neavei (Gebien, 1910a: 153) *Psammodes* [Koch, 1953a: 149]

Type data. Syntypes (Basel Museum, Tervuren Museum)

punctipilus Koch, 1953a: 149

Type data. Holotype (Brussels Museum) and paratype (Tervuren Museum)

prosodoides (Gebien, 1910a: 153) *Psammodes* [Koch, 1953a: 151]

Type data. Syntypes (Basel Museum, Cape Museum, Tervuren Museum)

Subgenus *Psammotyriopsis* Koch, 1953a: 144

Type species. *Psammophanes* (*Psammotyriopsis*) *bredoi* Koch, 1953 (by original designation)

bredoi Koch, 1953a: 144

Type data. Holotype (Budapest Museum) and paratype (Budapest Museum, Royal Brusseles)

Subgenus *Somalarabes* Koch, 1953a: 155

Type species. *Psammodes gracilentus* Fairmaire, 1882 (by original designation)

ahlmedoensis Koch, 1969: 31
Type data. Holotype and paratypes (Munich Museum)
arabicus (Gebien, 1938: 58, in Schuster & Gebien, 1938) *Psammodes* [Koch, 1953a: 155]
Type data. Syntypes (Hamburg University)
benardellii Koch, 1965: 126
Type data. Holotype (Milan Museum)
gracilentus (Fairmaire, 1882a: 69) *Psammodes* [Koch, 1953a: 156]
Type data. Syntypes (Paris Museum)
hemmingi Koch, 1969: 25
Type data. Holotype (Munich Museum) and paratypes (Ditsong Museum)
nogalus Koch, 1962c: 242
Type data. Holotype (Milan Museum)

Genus *Psammotyria* Koch, 1953a: 137

Type species. *Psammodes ertli* Kolbe, 1904 (by original designation)
Notes. Originally described as a subgenus of *Psammodes*. Elevated to generic level by Koch (1955).

attenuatus attenuatus (Fairmaire, 1887: 180) *Moluris* [Koch, 1953a: 142]
Type data. Holotype (Paris Museum)
= *Moluris tentyrioides* Fairmaire, 1891a: 249 [syn. by Koch 1953a: 142]
Type data. Holotype (Paris Museum)
attenuatus magnophthalmus (Koch, 1953a: 143) *Psammodes* [Koch, 1953a: 143]
Type data. Syntypes (Basel Museum, Ditsong Museum, Munich Museum)
ertli ertli (Kolbe, 1904: 301) *Psammodes* [Koch, 1955]
Type data. Syntypes (Basel Museum, Berlin Museum, Tervuren Museum)
ertli punctativentris (Koch, 1953a: 143) *Psammodes* [Koch, 1953a: 143]
Type data. Holotype (Budapest Museum)
ertli spinosocostatus (Kolbe, 1904: 302) *Psammodes* [Koch, 1955]
Type data. Syntypes (Berlin Museum)
lateridens lateridens (Fairmaire, 1887: 179) *Moluris* [Koch, 1953a: 143]
Type data. Holotype (Paris Museum)
lateridens nyassicus (Koch, 1953a: 143) *Psammodes* [Koch, 1953a: 143]
Type data. Holotype (Budapest Museum)
quadriplicatus (Gebien, 1910b: 159, replacement name) *Psammodes* [Koch, 1953a: 141]
= *Psammodes quadricostatus* Fairmaire, 1891b: CCXCIII [junior secondary homonym of *Hypomelus quadricostatus* Fåhraeus, 1870: 272]
Type data. Holotype (Paris Museum)

Subtribe Oxurina Koch, 1955: 34

Type genus. *Oxura* Kirby, 1819

Taxonomic diversity. (8 gen., 63 spp.): *Decoriplus* (11 ssp.), *Miripronotum* (1), *Namibomodes* (4), *Oxura* (9), *Palpomodes* (4), *Pterostichula* (17), *Stenethmus* (11), *Synhimba* (6).

Distribution. The majority of species were described from Namibia. A small number of species of *Stenethmus* were described from the northern part of Tanzania, while some species of *Decoriplus* from Central Africa (Fig. 51).

Genus *Decoriplus* Louw, 1979: 120

Type species. *Psammodes pictus* Haag-Rutenberg, 1871 (by original designation)

aequabilis Louw, 1979: 125

Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum and Windhoek Museum)

clavus Louw, 1979: 126

Type data. Holotype and paratypes (Ditsong Museum)

convexus Louw, 1979: 127

Type data. Holotype (Ditsong Museum)

costimargo Louw, 1979: 128

Type data. Holotype (Windhoek Museum) and paratypes (Budapest Museum, Cape Museum, Ditsong Museum, Windhoek Museum)

discicollis Louw, 1979: 130

Type data. Holotype and paratype (Ditsong Museum)

granulimargo Louw, 1979: 131

Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Windhoek Museum)

hamatus Louw, 1979: 133

Type data. Holotype (British Museum) and paratypes (British Museum, New York Museum)

hieroglyphicus (Haag-Rutenberg, 1871a: 69, in key) *Psammodes* [Louw, 1979: 134]

Type data. Lectotype, designated by Louw (1979) (Naturhistoriska riksmuseet) and paralectotypes (Ditsong Museum, Naturhistoriska riksmuseet, Warsaw Museum)

Notes.A detailed morphological description was provided by Haag-Rutenberg (1871b: 81).

humerus Louw, 1979: 136

Type data. Holotype (Ditsong Museum) and paratypes (British Museum, Ditsong Museum, Paris Museum, Windhoek Museum)

pictus (Haag-Rutenberg, 1871a: 69, in key) *Psammodes* [Louw, 1979: 122]

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 80).

Type data. Holotype (Naturhistoriska riksmuseet)

striatulus Louw, 1979: 138

Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum, Paris Museum, Windhoek Museum)

Genus *Miripronotum* Louw, 1979: 118

Type species. *Miripronotum prominoculatum* Louw, 1979 (by original designation)

prominoculatum Louw, 1979: 119

Type data. Holotype and paratypes (Windhoek Museum)

Genus *Namibomodes* Koch, 1952: 223

Type species. *Psammodes serrimargo* Gebien, 1938 (by original designation)

maculicollis Koch, 1962b: 111

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum)

rubra Koch, 1962b: 112

Type data. Holotype and paratype (Ditsong Museum)

serrimargo (Gebien, 1938a: 86) *Psammodes* [Koch, 1952: 221]

Type data. Syntypes (Basel Museum, Bremen Museum, Cape Museum)

zarcoi Koch, 1962b: 110

Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum)

Genus *Oxura* Kirby, 1819: 413

Type species. *Oxura setosa* Kirby, 1819 (by monotypy)

= *Oxyura* Agassiz, 1846: 267 [junior homonym of *Oxyura* Bonaparte, 1831 (Aves: Anatidae)]

Type species. *Oxura setosa* Kirby, 1819 (by monotypy)

Notes. Unjustified emendation of *Oxura* Kirby, 1819.

connexa (Haag-Rutenberg, 1871a: 46, in key) *Psammodes* [Louw, 1979: 159]

Type data. Holotype (Paris Museum) and paratypes (Cape Museum, Paris Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 35).

femoralis Haag-Rutenberg, 1871b: 111

Type data. Lectotype, designated by Louw (1979) and praralectotype (Munich Museum)

margoabsoluta margoabsoluta Louw, 1979: 164
Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Windhoek)
margoabsoluta puncticollis Louw, 1979: 165
Type data. Holotype (Windhoek Museum) and paratypes (Pretoria University, Windhoek Museum)
punctipennis Haag-Rutenberg, 1871b: 111
Type data. Lectotype, designated by Louw (1979) (British Museum)
rufotibiata rufotibiata Louw, 1979: 167
Type data. Holotype (Windhoek Museum) and paratypes (Ditsong Museum and Windhoek Museum)
rufotibiata planipennata Louw, 1979: 168
Type data. Holotype and paratypes (Windhoek Museum)
setosa Kirby, 1819: 414
Type data. Lectotype, designated by Louw (1979) (Geneva Museum) and paralectotype (British Museum)
vestita Solier, 1843: 119
Type data. Holotype (Torino Museum)

Genus *Palpomodes* Koch, 1952: 223

Type species. *Psammodes physopterus* Gebien, 1920 (by monotypy)
Notes. Originally described as a subgenus of *Namibomodes*. Elevated to the generic level by Koch (1962b).

Subgenus *Palpomodes* Koch, 1952: 223

Type species. *Psammodes physopterus* Gebien, 1920 (by monotypy)

halophilus (Koch, 1958:57) *Namibomodes* [Koch, 1958: 58]
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
physopterus angolensis (Koch, 1958: 58) (*Namibomodes*) [Koch, 1958: 58]
Type data. Holotype (Ditsong Museum)
physopterus physopterus (Gebien, 1920) *Psammodes* [Koch, 1952: 223]
Type data. Holotype (Hamburg University – Michaelsen coll.)

Subgenus *Pygmaeodes* Koch, 1952: 223

Type species. *Namibomodes rudebecki* Koch, 1952 (by monotypy)
Notes. Originally described as a subgenus of *Namibomodes*.

rudebecki (Koch, 1952: 223) *Namibomodes* [Koch, 1952: 223]
Type data. Holotype (Lund University)

Genus *Pterostichula* Koch, 1952: 224

Type species. *Pterostichula* (*Pterostichula*) *calathoides* Koch, 1952 (by original designation)

Subgenus *Pterostichula* Koch, 1952: 224

Type species. *Pterostichula* (*Pterostichula*) *calathoides* Koch, 1952 (by original designation)

aridipaludis Louw, 1979: 146
Type data. Holotype (Cape Museum) and paratype (Cape Museum, Windhoek)
broomoides Koch, 1952: 228
Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum)
calathoides Koch, 1952: 227
Type data. Holotype (Cape Museum) and paratypes (Agricultural Institute, Basel Museum, Budapest Museum, Cape Museum, Ditsong Museum)
diaphana Louw, 1979: 145
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum, Windhoek Museum)
dubia Louw, 1979: 141
Type data. Holotype (Windhoek Museum) and paratype (Cape Museum, Windhoek Museum)
ellamariae Koch, 1952: 229
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, Cape Museum, Ditsong Museum, Munich Museum)
infuscata Koch, 1952: 227
Type data. Holotype (Ditsong Museum)
kung Koch, 1952: 229
Type data. Holotype and paratype (Ditsong Museum)
namaqua Koch, 1952: 228
Type data. Holotype (Ditsong Museum)
quarzophila Koch, 1952: 227
Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Munich Museum)
solitudo Louw, 1979: 147
Type data. Holotype (Windhoek Museum) and paratype (Cape Museum, Windhoek Museum)

Subgenus *Ripicolodes* Koch, 1952: 225

Type species. *Pterostichula* (*Ripicolodes*) *misanthropa* Koch, 1952 (by original designation)

arenicola Koch, 1952: 232
Type data. Holotype (Ditsong Museum)
frontalis Koch, 1952: 232
Type data. Holotype (Ditsong Museum)
misanthropa misanthropa Koch, 1952: 231
Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum, Munich Museum)
misanthropa kunenensis Koch, 1952: 231
Type data. Holotype and paratype (Ditsong Museum)
omurambestris Koch, 1952: 230
Type data. Holotype (Ditsong Museum)
parvicollis Louw, 1979: 153
Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum, Windhoek Museum)

Genus *Stenethmus* Gebien, 1937b: 41

Type species. *Psammodes tentyriiniformis* Hesse, 1935 (by original designation)
Notes. Classified within Tentyriini by Ferrer (2004b); however, no justification for this interpretation was proposed.

borealis Kaszab, 1972: 231
Type data. Holotype (Budapest Museum)
impuncticollis Gebien, 1937b: 42
Type data. Holotype and paratype (Basel Museum)
massaicus Kaszab, 1972: 231
Type data. Holotype (Budapest Museum)
orientalis Kaszab, 1972: 232
Type data. Holotype (Budapest Museum)
poggii Ferrer, 2004b: 513
Type data. Holotype (Geneva Museum)
punctipleuris Kaszab, 1972: 233
Type data. Holotype and paratype (Budapest Museum)
punctiventris Genien, 1937b: 43
Type data. Syntypes (Basel Museum)
rhodesianus Kaszab, 1972: 232
Type data. Holotype (Budapest Museum)
szunyoghyi Kaszab, 1972: 230
Type data. Holotype and paratype (Budapest Museum)

tentyriiniformis tentyriiniformis (Hesse, 1935: 546) *Psammodes* [Gebien, 1937b: 41]
Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum)
tentyriiniformis septentrionalis Gebien, 1937b: 44
Type data. Syntypes (Basel Museum, Budapest Museum)

Genus *Synhimba* Koch, 1952: 216

Type species. *Psammodes cordiformis* Haag-Rutenberg, 1871 (by original designation)

cordiforme (Haag-Rutenberg, 1871a: 62, in key) *Psammodes* [Koch, 1952: 219]
Type data. Syntypes (Naturhistoriska riksmuseet)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 77).
hyalinum hyalinum Koch, 1952: 220
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, California Academy, Ditsong Museum, Munich Museum)
hyalinum ovambo Koch, 1952: 220
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, California Academy, Ditsong Museum, Munich Museum)
melancholica (Haag-Rutenberg, 1871a: 69, in key) *Psammodes* [Koch, 1952: 218]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b:79).
pruinosum Koch, 1952: 219
Type data. Holotype (Ditsong Museum) and paratypes (Barcelona Museum, Basel Museum, British Museum, Budapest Museum, Ditsong Museum, Munich Museum)
sculpturatum (Haag-Rutenberg, 1871a: 62, in key) *Psammodes* [Koch, 1952: 219]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 78).

Subtribe Phanerotomeina Koch, 1958: 58

Type genus. *Phanerotomea* Koch, 1958 [junior objective synonym proposed of *Ocnodes*]
Taxonomic diversity. (5 gen., 177 spp.): *Huilamus* (1 sp.), *Ocnodes* (149), *Psammoryssus* (1), *Stridulomus* (1), *Tarsocnodes* (25).

Distribution. Widely distributed in the southern part of the Afrotropical Realm. Only two species, *Ocnodes gridellii* (Koch, 1960) and *O. humerangula* (Koch, 1952), were described north from the equator. None of the known species were reported from the Eastern Cape (Fig. 51).

Genus *Huilamus* Koch, 1953b: 79

Type species. *Huilamus welwitschi* Koch, 1953 (by original designation)

welwitschi Koch, 1953b: 80
Type data. Holotype (Ditsong Museum) and paratypes (British Museum, Ditsong Museum, Munich Museum)

Genus *Ocnodes* Fåhraeus, 1870: 270

Type species. *Ocnodes scrobicollis* Fåhraeus, 1870 (**here designated**)

Subgenus *Chiliarchum* Koch, 1954b: 263

Type species. *Moluris* (*Phanerotoma*) *bertolonii* Guérin-Méneville, 1844 (by original designation)

arnoldi arnoldi (Koch, 1952: 313) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Durban Museum, Rhodesia Museum)
arnoldi sabianus (Koch, 1952: 314) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum)
bertolonii (Guérin-Méneville, 1844: 148) *Moluris* [Koch, 1952: 314], comb. n.
Type data. Syntypes (Paris Museum)
Notes. While describing this species, Guérin-Méneville (1844) used two forms of the name: *bertolinii* and *bertolonii*. Bertoloni (1849), the first reviewer, selected the second one.
freyi (Koch, 1952: 316) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum)
guerini guerini (Haag-Rutenberg, 1871a: 71, in key) *Psammodes* [Koch, 1952: 314], comb. n.
Type data. Syntypes (Geneva Museum)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 82).
guerini lawrencii (Koch, 1954b: 265) *Phanerotomea* comb. n.
Type data. Holotype (Cape Museum) and paratypes (Cape Museum)
guerini mancus (Koch 1954b: 264) *Phanerotomea* comb. n.
Type data. Holotype (Maputo Museum)
junodi (Péringuey, 1899: 275) *Psammodes* [Koch, 1952: 314], comb. n.
Type data. Holotype (Cape Museum)
= *Psammodes junodi* Fairmaire, 1899a: 179 [syn. by Péringuey (1904: 297)]
Type data. Holotype (Paris Museum)

Subgenus *Ocnodes* Fåhraeus, 1870: 270

Type species. *Ocnodes scrobicollis* Fåhraeus, 1870 (here designated)

Notes. This genus-group name was treated as a synonym of *Psammodes* (see Champion 1895: 81, Gebien 1910b: 154), and later as a subgenus of that genus (e.g., Gebien 1937a). Subsequently, Koch (1958) included the majority of *Ocnodes* (sensu Gebien, 1937a: 769) species (including the newly designated type species) within *Phanerotomea.* However, the synonymy between *Ocnodes* and *Phanerotomea* was never officially proposed.

= *Phanerotoma* Solier, 1843: 82 [junior homonym of *Phanerotoma* Wesmael 1838: 695 (Insecta: Hymenoptera)]

= *Phanerotomea* Koch, 1958: 58, syn. n., replacement name

Type species. *Phanerotoma elongatum* Solier, 1843 (by original designation)

acuductus acuductus (Ancey, 1883: 118) *Psammodes* comb. n.

Type data. Syntypes (Paris Museum)

acuductus ufipanus (Koch, 1952: 301) *Phanerotomea* comb. n.

Type data. Holotype (Munich Museum) and paratypes (Ditsong Museum, Munich Museum, Tervuren Museum)

adamantinus (Koch, 1952: 245) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum)

argenteofasciatus (Koch, 1953b: 82) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

barbosai (Koch, 1952: 317), comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Cape Museum, Maputo Museum)

basilewskyi (Koch, 1952: 308), comb. n.

Type data. Holotype (Tervuren Museum)

bellmarleyi (Koch, 1952: 305), comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, British Museum, Cape Museum, Ditsong Museum, Durban Museum)

benguelensis (Koch, 1952: 276) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum) and paratype (Basel Museum, Cape Museum)

blandus (Koch, 1952: 291) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

brevicornis (Haag-Rutenberg, 1875: 79) *Psammodes* comb. n.

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

= *Psammodes rugicollis* Kolbe, 1883: 23 [syn. by Koch 1952: 295]

Type data. Syntypes (Berlin Museum)

brunnescens brunnescens (Haag-Rutenberg, 1871a: 72, in key) *Psammodes* comb. n.

Type data. Syntypes (Ditsong Museum, Munich Museum, Warsaw Museum, former Dohrn coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 65).

Type deposition information after Koch (1952).

brunnescens molestus (Haag-Rutenberg, 1875: 75) *Psammodes* comb. n.

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

buccinator (Koch, 1952: 295) *Phanerotomea* comb. n.

Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Ditsong Museum, Brussels Museum, Tervuren Museum)

bushmanicus (Koch, 1952: 257) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

carbonarius (Gerstaecker, 1854: 532) *Phanerotomea* comb. n.

Type data. Syntypes (Berlin Museum)

cardiopterus (Fairmaire, 1888b: 259) *Psammodes* comb. n.

Type data. Syntypes (Leiden Museum)

cataractus (Koch, 1952: 290) *Phanerotomea* comb. n.

Type data. Holotype (Rhodesia Museum)

cinerarius (Koch, 1952: 272) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum) and paratype (Basel Museum, Ditsong Museum)

complanatus (Koch, 1952: 299) *Phanerotomea* comb. n.

Type data. Holotype (Royan Brussels) and paratypes (Basel Museum, Ditsong Museum, Brussels Museum)

concinnus Fåhraeus, 1870

Type data. Syntypes (Geneva Museum)

Notes. Type deposition information after Haag-Rutenberg (1781b).

confertus (Koch, 1952: 275) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum, Royal Museum)

congruens (Péringuey, 1899: 281) *Psammodes* comb. n.

Type data. Holotype (Cape Museum)

cordiventris (Haag-Rutenberg, 1871a: 74, in key) *Psammodes* comb. n.

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 71).

crocodilinus (Koch, 1952: 311) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

dimorphus (Koch, 1952: 297) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum) and paratypes (Basel Museum, Ditsong Museum)

distinctus (Haag-Rutenberg, 1871a: 62, in key) *Psammodes* comb. n.

Type data. Syntypes (Basel Museum, British Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 44).

dolosus (Péringuey, 1899: 291) *Psammodes* comb. n.

Type data. Holotype (Cape Museum)

dorsocostatus (Gebien, 1910a: 153) *Psammodes* comb. n.
Type data. Syntypes (Basel Museum, Tervuren Museum)
dubiosus (Péringuey, 1899: 287) *Psammodes* comb. n.
Type data. Holotype (Cape Museum)
ejectus (Koch, 1952: 239) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Cornell University, Ditsong Museum)
epronoticus (Koch, 1952: 246) *Phanerotomea* comb. n.
Type data. Holotype (Cape Museum)
erichsoni (Haag-Rutenberg, 1871b: 63) *Psammodes* comb. n.
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
ferreirae ferreirae (Koch, 1952: 238) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum) and paratypes (Agricultural Institute, Basel Museum, British Museum, California Academy, Cape Museum, Ditsong Museum)
ferreirae zulu (Koch, 1952: 239) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Durban Museum, Munich Museum)
fettingi (Haag-Rutenberg, 1875: 77) *Psammodes* comb. n.
Type data. Syntypes (Basel Museum)
Notes. Type deposition information after Koch (1952).
fistucans (Koch, 1952: 260) *Phanerotomea* comb. n.
Type data. Holotype and paratypes (Munich Museum – Haag-Rutenberg coll.)
fraternus (Haag-Rutenberg, 1875: 80) *Psammodes* comb. n.
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
freudei (Koch, 1952: 303) *Phanerotomea* comb. n.
Type data. Holotype (Basel Museum) and paratypes (Basel Museum, Ditsong Museum)
fulgidus (Koch, 1952: 294) *Phanerotomea* comb. n.
Type data. Holotype (Brussels Museum) and paratype (Basel Museum, Brussels Museum, Ditsong Museum)
funestus (Haag-Rutenberg, 1871a: 72, in key) *Psammodes* comb. n.
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 79).
gemmeulus (Koch, 1952: 287) *Phanerotomea* comb. n.
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum)
gibberosulus (Péringuey, 1908: 407) *Psammodes* comb. n.
Type data. Syntypes (Cape Museum)
gibbus (Haag-Rutenberg, 1879: 292) *Psammodes* comb. n.
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)
= *Psammodes integer* Péringuey 1899: 276 [syn. by Koch 1952: 309]
Type data. Holotype (Cape Museum)

globosus (Haag-Rutenberg, 1871a: 74, in key) *Psammodes* comb. n.

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 73).

= *Psammodes myrmidon* Péringuey, 1899: 286 [syn. by Koch 1952: 255]

Type data. Holotype (Cape Museum)

granisterna (Koch, 1952: 266) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

granulosicollis (Haag-Rutenberg, 1871a: 74, in key) *Psammodes* comb. n.

Type data. Holotype (British Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 77).

gridellii (Koch, 1960: 263) *Phanerotomea* comb. n.

Type data. Holotype and paratypes (Ditsong Museum)

haemorrhoidalis haemorrhoidalis (Koch, 1952: 310) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum)

haemorrhoidalis salubris (Koch, 1952: 311) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum, Tervuren Museum)

heydeni (Haag-Rutenberg, 1871a: 62, in key) *Psammodes* comb. n.

Type data. Syntypes (Basel Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 41).

humeralis (Haag-Rutenberg, 1871a: 62, in key) *Psammodes* comb. n.

Type data. Syntypes (Naturhistoriska riksmuseet)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 39).

humerangula (Koch, 1952: 332) *Tarsocnodes* comb. n.

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

imbricatus (Koch, 1952: 256) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum)

imitator imitator (Péringuey, 1899: 289) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

Notes. Koch (1952) designated a variety named "*damara*" of the subspecies *imitator imitator*, expressly giving it infrasubspecific rank. Therefore, according to art. 45.6.4. of the ICZN (1999) is should not be treated as a subspecies.

imitator invadens (Koch, 1952: 241) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum)

inflatus (Koch, 1952: 275) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Brussels Museum, Ditsong Museum, Tervuren Museum)

janssensi (Koch, 1952: 292) *Phanerotomea* comb. n.

Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Brussels Museum, Ditsong Museum)

javeti (Haag-Rutenberg, 1871a: 74, in key) *Psammodes* comb. n.

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 66).

kulzeri (Koch, 1952: 273) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum)

lacustris (Koch, 1952: 291) *Phanerotomea* comb. n.

Type data. Holotype (Brussels Museum) and paratypes (Ditsong Museum, Tervuren Museum)

laevigatus (Olivier, 1795: 15) *Pimelia* comb. n.

Type data. Syntypes (Paris Museum)

= *Pimelia marginata* Herbst, 1799: 54 [syn. by Haag-Rutenberg, 1871b: 59]

Type data. Syntypes (Berlin Museum)

= *Phanerotoma elongatum* Solier, 1843: 89 [syn. by Haag-Rutenberg, 1871b: 59]

Type data. Syntypes (Paris Museum)

lanceolatus (Koch, 1953a: 177) *Phanerotomea* comb. n.

Type data. Holotype (Museum Budapest)

licitus (Peringuey, 1899: 290) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

luctuosus (Haag-Rutenberg, 1871a: 72, in key) *Psammodes* comb. n.

Type data. Holotype (Munich Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 66).

luxurosus (Koch, 1952: 276) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum), and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

maputoensis (Koch, 1952: 244) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Tervuren Museum)

marginicollis (Koch, 1952: 282) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum) and parartype (Ditsong Museum)

martinsi (Koch, 1952: 259) *Phanerotomea* comb. n.

Type data. Holotype (Munich Museum) and paratypes (Ditsong Museum, Munich Museum)

melleus (Koch, 1952: 248) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum)

mendicus estermanni (Koch, 1952: 259) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum) and paratypes (Basel Museum, Ditsong Museum)

mendicus mendicus (Péringuey, 1899: 299) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

miles (Péringuey, 1908: 408) *Psammodes* comb. n.

Type data. Holotype (Cape Museum)

mimeticus (Koch, 1952: 320) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum)

misolampoides (Fairmaire, 1888b: 258) *Psammodes* comb. n.

Type data. Holotype (Leiden Museum)

mixtus (Haag-Rutenberg, 1871a: 74, in key) *Psammodes* comb. n.

Type data. Syntypes (British Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 73).

monacha (Koch, 1952: 267) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

montanus (Koch, 1952: 283) *Phanerotomea* comb. n.

Type data. Holotype and paratype (Tervuren Museum)

mozambicus (Koch, 1952: 251) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum)

muliebris curtus (Koch, 1952: 286) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum) and paratypes (Basel Museum, Cape Museum, Ditsong Museum)

muliebris muliebris (Koch, 1952: 285) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, British Museum, Cape Museum, Ditsong Museum, Munich Museum)

muliebris silvestris (Koch, 1952: 286) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

nervosus (Haag-Rutenberg, 1871a: 74, in key) *Psammodes* comb. n.

Type data. Holotype (British Museum – Bates coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 75).

notatum (Thunberg, 1787: 48) *Sepidium* comb. n.

Type data. Holotype (Uppsala University)

notaticollis (Koch, 1952: 263) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

odorans (Koch, 1952: 321) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, British Museum, California Academy, Ditsong Museum, Munich Museum)

opacus (Solier, 1843: 91) *Phanerotomea* comb. n.

Type data. Holotype (Warsaw Museum – Dupont collection)

osbecki (Billberg, 1815: 281) *Moluris* comb. n.

Type data. Lectotype, designated by Ferrer (1991) (Naturhistoriska riksmuseet)

= *Phanerotoma suturalis* Solier, 1843: 92 [syn. by Gebien 1937a: 772]

Type data. Holotype (Paris Museum)

overlaeti (Koch, 1952: 274) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratype (Basel Museum, Ditsong Museum, Tervuren Museum)

ovulus (Haag-Rutenberg, 1871a: 73, in key) *Psammodes* comb. n.

Type data. Holotype (Geneva Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 75).

= *Psammodes probus* Péringuey, 1899: 283 [syn. by Koch (1952: 288)]

Type data. Holotype (Cape Museum)

= *Psammodes consors* Péringuey, 1899: 288 [syn. by Koch (1952: 288)]

Type data. Holotype (Cape Museum)

pachysoma ornata (Koch, 1952: 261) *Phanerotomea* comb. n.

Type data. Holotypes (Munich Museum)

pachysoma pachysoma (Péringuey, 1892: 52) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

papillosus (Koch, 1952: 302) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

pedator (Fairmaire, 1888b: 257), **comb. nov.** *Psammodes*

Type data. Syntypes (Leiden Museum)

perlucidus (Koch, 1952: 246) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum) and paratypes (Basel Museum, Cape Museum, Ditsong Museum)

planus (Koch, 1952: 307) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

pretorianus (Koch, 1952: 279) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

procursus (Péringuey, 1899: 279) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

procrustes (Westwood, 1875: 224) *Moluris* [Westwood, 1875: 224]

Type data. Holotype (Oxford University – Westwood coll.)

protectus (Koch, 1952: 323) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, California Academy, Cape Museum, Ditsong Museum, Dundo Museum, Munich Museum)

punctatissimus (Koch, 1952: 304) *Phanerotomea* comb. n.

Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Brussels Museum, Ditsong Museum)

puncticollis (Koch, 1952: 264) *Phanerotomea* comb. n.

Type data. Holotype (Brussels Museum) and paratypes (Basel Museum, Brussels Museum, Ditsong Museum, Tervuren Museum)

punctipennis planisculptus (Koch, 1952: 265) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

punctipennis punctipennis (Harold, 1878: 106) *Psammodes* comb. n.

Type data. Holotype (Munich Museum)

punctipleura (Koch, 1952: 306) *Phanerotomea* comb. n.

Type data. Holotype (Munich Museum) and paratype (Ditsong Museum)

rhodesianus (Koch, 1952: 292) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratype (Basel Museum, Cape Museum)

roriferus (Koch, 1952: 253) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, California Academy, Cape Museum, Ditsong Museum, Munich Museum)

rowleianus (Westwood, 1864: 8979) *Moluris* [Westwood, 1864: 8979]

Type data. Syntypes (British Museum)

= *Psammodes zoutpansbergianus* Péringuey, 1904: 231 [syn. Gebien 1937a: 768]

Type data. Holotype (Cape Museum)

rufipes (Harold, 1878: 106) *Psammodes* comb. n.

Type data. Syntypes (Munich Museum)

= *Psammodes congoanus* Gebien, 1920b: 7 [syn. by Koch 1952: 262]

Type data. Syntypes (Munich Museum)

saltuarius (Koch, 1952: 250) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

scabricollis (Gerstaecker, 1854: 532) *Phanerotomea* comb. n.

Type data. Holotype (Berlin Museum)

scopulipes (Koch, 1952: 319) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Ditsong Museum, Munich Museum)

scrobicollis griqua (Koch, 1952: 234) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum, Ditsong Museum)

scrobicollis scrobicollis Fåhraeus, 1870: 270

Type data. Holotype (Naturhistoriska riksmuseet) and paratypes (Naturhistoriska riksmuseet, Warsaw Museum)

scrobicollis simulans (Koch, 1952: 235) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Agricultural Institute, Basel Museum, Cape Museum, Ditsong Museum, Durban Museum, Munchen Museum, Pretoria University)

semirasus (Koch, 1952: 296) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

semiscabrum (Haag-Rutenberg, 1871a: 73, in key) *Psammodes* comb. n.

Type data. Holotype (Naturhistoriska riksmuseet)

Notes. Type deposition information after Koch (1952). A detailed morphological description was provided by Haag-Rutenberg (1871b: 76).

= *Psammodes sperabilis* Peinguey, 1899: 289 [syn. by Koch (1952: 240)]

Type data. Holotypes (Cape Museum)

sericicollis (Koch, 1952: 254) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum)

similis (Péringuey, 1899: 291) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

sjoestedti (Gebien, 1910b: 372) *Psammodes* comb. n.

Type data. Holotype (Munich Museum)

spatulipes (Koch, 1952: 318) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum)

specularis (Péringuey, 1899: 286) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum, Munich Museum)

spinigerus (Koch, 1952: 269) *Phanerotomea* comb. n.

Type data. Holotype (California Academy) and paratypes (Basel Museum, California Academy, Ditsong Museum)

stevensoni (Koch, 1952: 284) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratype (Basel Museum, Ditsong Museum)

tarsocnoides (Koch, 1952: 267) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum) and paratypes (Basel Museum, Ditsong Museum)

temulentus (Koch, 1952: 284) *Phanerotomea* comb. n.

Type data. Holotype (Basel Museum) and paratype (Basel Museum, Cape Museum)

tenebrosus melanarius (Haag-Rutenberg, 1871a: 71, in key) *Psammodes* comb. n.

Type data. Syntypes (Geneva Museum)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 64).

tenebrosus tenebrosus (Erichson, 1843: 242) *Moluris* comb. n.

Type data. Syntypes (Humboldt University)

tibialis (Haag-Rutenberg, 1871a: 63, in key) *Psammodes* comb. n.

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 44).

torosus (Koch, 1952: 235) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Agricultural Institute, Basel Museum, Cape Museum, Ditsong Museum, Munich Museum, Pretoria University)

transversicollis (Haag-Rutenberg, 1879: 291) *Psammodes* comb. n.

Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)

= *Psammodes cinctipennis* Fairmaire, 1899: 180 [syn. with *P. valens* by Péringuey 1904: 297]

Type data. Syntypes (Paris Museum)

= *Psammodes valens* Péringuey, 1899: 276 [syn. by Koch (1952: 281)]

Type data. Syntypes (Cape Museum)

tumidus (Haag-Rutenberg, 1871a: 73, in key) *Psammodes* comb. n.

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

Notes. A detailed morphological description was provided by Haag-Rutenberg (1871b: 72).

umvumanus (Koch, 1952: 280) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum)

vagus (Péringuey, 1899: 288) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

vaticinus (Péringuey, 1899: 279) *Psammodes* comb. n.

Type data. Holotype (Cape Museum)

verecundus (Péringuey, 1899: 286) *Psammodes* comb. n.

Type data. Syntypes (Cape Museum)

vetustus (Koch, 1952: 263) *Phanerotomea* comb. n.

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Tervuren Museum)

vexator (Péringuey, 1899: 287) *Psammodes* comb. n.

Type data. Holotype (Cape Museum)

virago (Koch, 1952: 236) *Phanerotomea* comb. n.

Type data. Holotype (Ditsong Museum) and paratypes (Agricultural Institute, Basel Museum, California Academy of Sciences, Cape Museum, Cornell University, Ditsong Museum, Munich Museum, Pretoria University, Rhodesia Museum)

warmeloi (Koch, 1953b: 86) *Phanerotomea* comb. n.

Type data. Holotype (Cape Museum) and paratypes (Basel Museum, Cape Museum, Ditsong Museum)

zanzibaricus (Haag-Rutenberg, 1875: 78) *Psammodes* comb. n.

Type data. Holotype (Cape Museum)

Genus *Psammoryssus* Kolbe, 1886: 289

Type species. *Psammoryssus titanus* Kolbe, 1886 (by monotypy)

titanus Kolbe, 1886: 290

Type data. Syntypes (Berlin Museum)

Genus *Stridulomus* Koch, 1955: 37

Type species. *Psammodes sulcicollis* Péringuey, 1885 (by monotypy)

sulcicollis (Péringuey, 1885: 110) *Psammodes* [Koch, 1955: 37]
Type data. Syntypes (Cape Museum)
= *Psammodes rehbocki* Kolbe, 1904: 299 [syn. by Péringuey (1908: 395)]
Type data. Syntypes (Berlin Museum)

Genus *Tarsocnodes* Gebien, 1920: 82

Type species. *Psammodes molossa* Haag-Rutenberg, 1871 (by original designation)

albarenarum Penrith, 1987: 252
Type data. Holotype (Bloemfontein Museum) and paratypes (British Museum, Ditsong Museum, Pretoria University)
aquamontis Penrith, 1987: 249
Type data. Holotype (Ditsong Museum) and paratypes (British Museum, Ditsong Museum, Windhoek Museum)
brendelli Penrith, 1987: 240
Type data. Holotype (British Museum) and paratypes (British Museum, Ditsong Museum)
compressitarsis (Müller, 1887: 299) *Psammodes* [Gebien, 1920: 83]
Type data. Lectotype, designated by Penrith (1986: 258) (Leiden Museum, Munich Museum)
dilaticollis (Muller, 1887: 298) *Psammodes* [Gebien, 1937a: 759]
Type data. Lectotype, designated by Penrith (1986: 241) (Leiden Museum, Munich Museum)
ephialtes Koch, 1952: 334
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, British Museum, Cape Museum, Ditsong Museum, Munich Museum)
errans (Péringuey, 1892: 53) *Psammodes* [Gebien, 1920: 83]
Type data. Syntypes (Cape Museum)
Notes. In his original description, Péringuey (1892) did not indicate a collection locality, and Penrith (1987) noted that the holotype did not have locality labels. However, in the original description, Péringuey gives a size range, implying multiple specimens, and Koch (1952) specified a specimen from "Nordliches Ovamboland" as the type.
= *Tarsocnodes spectabilis* Gebien, 1920: 84 [syn. by Penrith (1987: 258)]
Type data. Syntypes (Hamburg University)
Notes. Type deposition information after Penrith (1987).
finitima Koch, 1952: 331
Type data. Holotype (Ditsong Museum)
gracilipes Koch, 1952: 332
Type data. Holotype (Ditsong Museum)
Notes. Type deposition information after Penrith (1987).

granulicauda Penrith, 1987: 242

Type data. Holotype (Ditsong Museum) and Paratypes (British Museum, Ditsong Museum, Windhoek Museum)

iflundi Koch, 1952: 335

Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Cape Museum, Ditsong Museum, California Academy)

laevipennis (Haag-Rutenberg, 1879: 291) *Psammodes* [Koch, 1962d: 334]

Type data. Lectotype, designated by Penrith (1986: 239) (British Museum) and paralectotype (Munich Museum)

madida Koch, 1952: 326

Type data. Holotype (Ditsong Museum)

michaelis Penrith, 1986: 247

Type data. Holotype (Windhoek Museum) and parartypes (Ditsong Museum, Windhoek Museum)

molossa (Haag-Rutenberg, 1871a: 83) *Psammodes* [Gebien, 1920: 83]

Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

= *Moluris* (*Phanerotoma*) *gravida* (Westwood, 1875: 223) [syn. by. Haag-Rutenberg (1879: 290)]

Type data. Syntypes (British Museum)

monasterialis Koch, 1952: 329

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Companhia Diamantes, Ditsong Museum, Dundo Museum)

= *Tarsocnodes variabilis dissoluta* Koch, 1952: 330 [syn. by Penrith (1987: 246)]

Type data. Holotype (Tervuren Museums) and paratypes (Ditsong Museum)

= *Tarsocnodes variabilis variabilis* Koch, 1952: 330 [syn. by Penrith (1987: 246)]

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Ditsong Museum, Munich Museum, Tervuren Museum)

nielseni Ferrer, Evanno & Evanno, 2010: 195

Type data. Holotype (Naturhistoriska riksmuseet) and paratype (Ferrer collection)

praegrandis horribillis Koch, 1952: 328

Type data. Holotype (Ditsong Museum)

praegrandis praegrandis Koch, 1952: 327

Type data. Holotype (Tervuren Museum) and paratypes (Basel Museum, Brussels Museum, Companhia Diamantes, Dundo Museum, Munich Museum, Tervuren Museum)

prozeskyorum Penrith, 1986: 254

Type data. Holotype (Ditsong Museum) and paratypes (British Museum, Cape Museum, Ditsong Museum)

rugicollis Gebien, 1920: 85

Type data. Holotype and paratypes (Munich Museum)

Notes. Type deposition information after Koch (1952).

tarsalis (Haag-Rutenberg, 1871a: 52) *Psammodes* [Gebien, 1920: 83]

Type data. Holotype (Naturhistoriska riksmuseet)

Notes. Type deposition information after Penrith (1986).

variolata Koch, 1952: 329

Type data. Holotype (Tervuren Museum)

vernayi Koch, 1952: 250

Type data. Holotype (Ditsong Museum)

whiteheadi Penrith, 1986: 239

Type data. Holotype and paratypes (Windhoek Museum)

Subtribe Sepidiina Eschscholtz, 1829: 4

Type genus. *Sepidium* Fabricius, 1775

Taxonomic diversity. (8 gen., 124 spp.): *Dimoniacis* (3 ssp.), *Echinotus* (2), *Peringueyia* (1), *Sepidiopsis* (3), *Sepidiostenus* (7), *Sepidium* (51), *Vieta* (52), *Vietomorpha* (5).

Distribution. Widely distributed throughout the Mediterranean area and Sub-Saharan Africa, except its western part. Majority of the species were described form from the Horn of Africa. *Vieta* representatives are the only species, which were described from the area south from equator, while only *Sepidium* species have loci tipici north from Tropic of Cancer (Fig. 51). It needs to be noted that the distributional image presented here is probably biased due to adopted methodological approach (i.e., illustration of loci typici). For many of the analysed species the original distributional information is very general (country records) and was not georeferenced here.

Genus *Dimoniacis* Koch, 1958: 44

Type species. *Dimoniacis jacksoni* Koch, 1958 (by original designation)

jacksoni Koch, 1958: 44

Type data. Holotype (Ditsong Museum)

lavranosi Ardoin, 1979: 60

Type data. Holotype and paratypes (Paris Museum)

puccionii Ferrer, 1995: 27

Type data. Holotype (Florence Museum)

Genus *Echinotus* Solier, 1843: 30

Type species. *Sepidium spinicollis* Laporte, 1840 (by original designation)

Notes. During the compilation of this catalog, a junior homonym of *Echinotus* Solier, 1843 was found: *Echinotus* Marwick, 1935: 301 (**Type species.** *Avicula echinata*

Smith, 1817; Mollusca: Pteriidae). *Ulamus* Kaminski, **nom. nov.** is introduced here as a replacement name for the above-mentioned pteriid genus. This newly introduced name honours Stanisław Marcin Ulam, Polish-American scientist, inventor of the Monte Carlo method of computation.

natalensis Chevrolat, 1874: 331
Type data. Holotype (Paris Museum)
spinicollis (Laporte, 1840: 197) *Sepidium* [Solier, 1843: 31]
Type data. Syntypes (Paris Museum)

Genus *Peringueyia* Koch, 1958: 44

Type species. *Echinotus dispar* Péringuey, 1899 (by monotypy)

dispar (Péringuey, 1899: 302) *Echinotus* [Koch, 1958: 44]
Type data. Holotype (Cape Museum)

Genus *Sepidiopsis* Gestro, 1892: 771

Type species. *Sepidiopsis cornigera* Gestro, 1892 (by original designation)

ardoini Ferrer, 1995: 26
Type data. Holotype (Florence Museum)
cornigera Gestro, 1892: 772
Type data. Holotype (Genoa Museum)
villosa Gestro, 1892: 773
Type data. Holotype (Genoa Museum)

Genus *Sepidiostenus* Fairmaire, 1884: LXXV

Type species. *Sepidiostenus erinaceus* Fairmaire, 1884 (by monotypy)
= *Sepidiacis* Fairmaire, 1884: CXLVI [junior subjective synonym proposed by Gestro (1892: 775)]
Type species. *Sepidiacis compressa* Fairmaire, 1884 (subsequent designation by Kirby (1885: 83))
Notes. This taxon was redescribed as new by Fairmaire (1887: 185).

compressus (Fairmaire, 1884: CXLVI) *Sepidiacis*
Type data. Holotype (Paris Museum)
dolichopus Gestro, 1898: 517
Type data. Holotype (Genoa Museum)

erinaceus Fairmaire, 1887: 185
Type data. Holotype (Paris Museum)
fairmairei Gestro, 1898: 512
Type data. Holotype (Genoa Museum)
longipennis Gestro, 1898: 516
Type data. Syntypes (Genoa Museum)
pradieri (Guérin-Méneville, 1858: 128) *Sepidium* [Gestro, 1892: 776]
Type data. Syntypes (Paris Museum)
ruspolii Gestro, 1898: 514
Type data. Holotype (Genoa Museum)

Genus *Sepidium* Fabricius, 1775: 250

Type species. *Sepidium tricuspidatum* Fabricius, 1775 (by subsequent designation by Latreille (1810: 429))
= *Espidium* Rafinesque, 1815: 113
Notes. Unnecessary replacement name for *Sepidium* Fabricius, 1775
aitagiae Escalera, 1913: 41
Type data. Holotype (Madrid Museum)
aliferum Erichson, 1841: 178
Type data. Holotype (British Museum)
= *Sepidium douei* Solier, 1843: 18 [syn. by Erichson (1844: 343)]
Type data. Syntypes (Paris Museum)
aper Fairmaire, 1884: LXXV
Type data. Holotype (Paris Museum)
barbarum Solier, 1843: 23
Type data. Syntypes (Warsaw Museum – Dupont collection)
= *Sepidium servillei* Solier, 1843: 24 [syn. by Reitter (1914: 384)]
Type data. Holotype (Paris Museum)
= *Sepidium pallens* Allard, 1874: 137 [syn. by Reitter (1914: 384)]
Type data. Holotype (Paris Museum)
= *Sepidium barbarum solieri* Desbrochers des Loges, 1881: 101 [syn. by Reitter (1914: 384)]
Type data. Syntypes (Paris Museum)
bicaudatum Fairmaire, 1871: 388
Type data. Holotype (Paris Museum)
bidentatum Solier, 1843: 15
Type data. Syntypes (Paris Museum)
bilobatum Gahan, 1900: 30
Type data. Holotype (British Museum)
boranum Mal, 1986b: 151
Type data. Holotype (Trieste Museum) and paratypes (Berlin Museum, British Museum, Budapest Museum, Tervuren Museum, Trieste Museum)

bulbiferum Gerstaecker, 1884: 55
Type data. Syntypes (Berlin Museum)
brevicaudatum Fairmaire, 1882b: LI
Type data. Holotype (Paris Museum)
capricorne Desbrochers des Loges, 1881: 96
Type data. Holotype (Paris Museum)
Notes. Species concept after Mal (1984).
crassicaudatum Gestro, 1878: 320
Type data. Holotype (Genoa Museum)
cristatum Fabricius, 1775: 250
Type data. Syntypes (Copenhagen Museum, Kiel Museum)
= *Tenebrio notoceros* Pallas, 1781: 59 [syn. by Allard (1874: 143)]
Type data. Syntypes (Humboldt University – Pallas collection)
cylindrigerum Fairmaire, 1882a: 75
Type data. Syntypes (Paris Museum)
cyrenaicum Schuster, 1928: 122
Type data. Syntypes (Basel Museum)
dathan Crotch, 1872: 268
Type data. Holotype (Cambridge Museum)
= *Sepidium abiram* Crotch, 1872: 268 [syn. by Gebien (1937a: 781)]
Type data. Holotype (Cambridge Museum)
= *Sepidium vietaeformis* Reitter, 1914: 385 [syn. by Gebien (1937a: 781)]
Type data. Syntypes (Basel Museum, Budapest Museum, Vienna Museum)
fusiforme Kwieton, 1980: 17
Type data. Holotype and paratype (Budapest Museum)
gypsicola Escalera, 1913: 42
Type data. Syntypes (Madrid Museum)
hoseini Escalera, 1911: 301
Type data. Holotype (Madrid Museum)
hystryx desertica Espanol, 1944: 12
Type data. Holotype (Barcelona Museum)
hystryx hystryx Antoine, 1932: 185
Type data. Holotype (Paris Museum)
hystryx ifniensis Escalera, 1940: 5
Type data. Syntypes (Madrid Museum)
Notes. Escalera (1940) designated a variety "*subdesertica*", expressly giving it the infrasubspecific rank. Therefore, according to the Art. 45.6.4. of the ICZN (1999) is should not be treated as a subspecies.
inaequale Reitter, 1914: 386
Type data. Syntyptes (Budapest Museum)
kaszabi Mal, 1990: 64
Type data. Holotype and paratype (British Museum)
kelleri Fairmaire, 1893: 151
Type data. Holotype (Paris Museum)

lusitanicum Kaszab & Pinheiro, 1972

Type data. Holotype (Budapest Museum) and paratype (Madrid Museum)

magnum Gahan, 1900: 29

Type data. Holotype and paratypes (British Museum)

mali Ferrer & Martínez, 2012, replacement name

= *Sepidium elongatum* Mal, 1984: 200 [junior primary homonym of *Sepidium elongatus* Olivier, 1795: 8]

Type data. Holotype (Brussels Museum) and paratypes (British Museum, Brussels Museum, Julio Ferrer collection)

marraquense Escalera, 1911: 302

Type data. Syntypes (Basel Museum, Madrid Museum)

mesopotamicum Reitter, 1914: 386

Type data. Syntypes (Basel Museum, Budapest Museum, Vienna Museum)

mskalicum Escalera, 1914: 307

Type data. Syntypes (Madrid Museum)

obtusangulum Fairmaire, 1882a: 73

Type data. Holotype (Paris Museum)

pagesii Fairmaire, 1894: 321

Type data. Syntypes (Basel Museum, British Museum, Budapest Museum)

penicilligerum Karsch, 1881: 49

Type data. Syntypes (Berlin Museum)

perforatum Allard, 1874: 130

Type data. Holotype (Paris Museum)

Notes. Species concept after Mal (1984).

peyerimhoffi Antoine, 1932: 183

Type data. Syntypes (Basel Museum, Budapest Museum, Paris Museum)

reichei Allard, 1870: 49

Type data. Syntypes (Paris Museum)

= *Sepidium reichei bispinicollis* Reitter, 1914: 389 [syn. by Kwieton 1980: 6]

Type data. Syntypes (Budapest Museum)

requieni Solier, 1843: 29

Type data. Holotype (Paris Museum)

ruspolii ruspolii Fairmaire, 1893: 150

Type data. Holotype (Paris Museum) and paratype (Basel Museum)

ruspolii spectabile Kulzer, 1960: 309

Type data. Holotype (Berlin Museum) and paratypes (Basel Museum)

scebelianum Mal, 1986b: 153

Type data. Holotype (Trieste Museum) and paratypes (Berlin Museum, British Museum, Budapest Museum, Tervuren Museum, Trieste Museum)

siculum Solier, 1843: 19

Type data. Syntypes (Paris Museum)

= *Sepidium genei* Solier, 1843: 20 [syn. by Reitter 1914: 384]

Type data. Syntypes (Paris Museum)

tricuspidatum korah Crotch, 1872: 268

Type data. Holotype (Cambridge Museum)

tricuspidatum mogadoricum Escalera, 1914: 306

Type data. Syntypes (Madrid Museum)

= *Sepidium immundum* Reitter, 1914: 388 [syn. by Kwieton 1980: 10]

Type data. Syntypes (Basel Museum, Budapest Museum)

= *Sepidium mogadoricum guisseri* Kocher, 1958: 111 [syn. by Kwieton 1980: 10]

Type data. Syntypes (Rabat Institute)

= *Sepidium mogadoricum schrammi* Kocher, 1958: 110 [syn. by Kwieton 1980: 10]

Type data. Syntypes (Rabat Institute)

tricuspidatum multispinosum Solier, 1843: 26

Type data. Holotype (Marseille Museum)

= *Sepidium laghoatense* Baudi, 1875: 695 [syn. by Kwieton 1980: 11]

Type data. Syntypes (Basel Museum)

tricuspidatum tomentosum Erichson, 1841: 179

Type data. Syntypes (Humboldt University)

= *Sepidium barthelemyi* Solier, 1843: 24 [syn. by Reitter (1914: 387)]

Type data. Syntypes (Marseille Museum)

= *Sepidium maillei* Solier, 1843: 27 [syn. by Reitter (1914: 387)]

Type data. Syntypes (Marseille Museum)

= *Sepidium serratum* Solier, 1843: 28 [syn. by Kwieton 1980: 11]

Type data. Holotype (Paris Museum)

= *Sepidium serratum remotum* Sahlberg, 1903: 50 [syn. By Reitter (1914: 387)]

Type data. Syntypes (Helsinki University)

tricuspidatum tricuspidatum Fabricius, 1775: 250

Type data. Syntypes (Copenhagen Museum, Kiel Museum)

= *Tenebrio alexandrinus* Forskål, 1775: 80 [Gmelin 1790: 2008]

Type data. Syntypes (Copenhagen Museum)

= *Sepidium flexuosum* Solier, 1843: 25 [syn. by Reitter (1914: 386)]

Type data. Holotype (Paris Museum)

= *Sepidium tricuspidatum cerisyi* Solier, 1843: 26 [syn. by Reitter (1914: 386)]

Type data. Syntypes (Marseille Museum)

Notes. Originally described as a variety of the nominotypical form.

tualensis Escalera, 1940: 9

Type data. Syntypes (Madrid Museum)

uncinatum Erichson, 1841: 178

Type data. Holotype (Humboldt University)

= *Sepidium mittrei* Solier, 1843: 16 [syn. by Reitter (1914: 385)]

Type data. Syntypes (Paris Museum)

= *Sepidium mittrei bicorne* Solier, 1843: 17 [syn. by Reitter (1914: 385)]

Type data. Syntypes (Paris Museum)

Notes. Originally described as a variety of the nominotypical form.

= *Sepidium subcornutum* Escalera, 1925: 376 [syn. by Kwieton 1980: 7]

Type data. Syntypes (Madrid Museum)

= *Sepidium sefrense* Rotrou, 1943: 235 [syn. by Kwieton 1980: 7]

Type data. Holotype (Paris Museum)

variegatum (Fabricius, 1792: 112) *Tenebrio* [Solier 1843: 21]

Type data. Syntypes (British Museum, Kiel Museum)

= *Sepidium variegatum angustatum* Solier, 1843: 21 [syn. by Reitter (1916: 383)]

Type data. Syntypes (Paris Museum)

= *Sepidium dufouri* Solier, 1843: 21 [syn. by Reitter (1914: 383)]

Type data. Holotype (Paris Museum)

= *Sepidium laterale* Allard, 1874: 133 [syn. by Reitter (1914: 383)]

Type data. Syntypes (Paris Museum)

= *Sepidium variegatum dispar* Desbrochers des Loges, 1881: 101 [syn. by Reitter (1916: 383)]

Type data. Syntypes (Paris Museum)

= *Sepidium variegatum integrum* Desbrochers des Loges, 1881: 100 [syn. by Reitter (1914: 383)]

Type data. Syntypes (Paris Museum)

= *Sepidium variegatum subfurcatum* Desbrochers des Loges, 1881: 100 [syn. by Gebien (1910b: 170)]

Type data. Syntypes (Paris Museum)

wagneri Erichson, 1841: 179

Type data. Syntypes (Humboldt University)

= *Sepidium wagneri confusum* Allard, 1874: 140 [syn. by Reitter (1914: 388)]

Type data. Syntypes (Paris Museum)

= *Sepidium wagneri macrotys* Antoine, 1951a: 94 [syn. by Kwieton 1980: 13]

Type data. Syntypes (Paris Museum)

Genus *Vieta* Laporte, 1840: 196

Type species. *Sepidium vestitum* Guérin-Méneville, 1831 (designated by Hope (1841: 116))

= *Dymonus* Solier, 1843: 7 [junior subjective synonym proposed by Lesne (1922: 696)]

Type species. *Sepidium vestitum* Guérin-Méneville, 1831 (by original designation)

= *Divieta* Reitter, 1914: 390 [junior subjective synonym proposed by Lesne (1922: 696)]

Type species. *Vieta costata* Allard, 1874 (by subsequent designation by Löbl and Smetana (2008: 40))

algeriana Allard, 1870: 50

Type data. Syntypes (Paris Museum)

angolensis angolensis (Quedenfeldt, 1885: 7) *Sepidium* [Koch, 1958: 53]

Type data. Syntypes (Humboldt University, Paris Museum)

angolensis biena Koch, 1958: 53

Type data. Holotype and paratypes (California Academy)

angolensis eduardi Koch, 1958: 54

Type data. Holotype and paratypes (California Academy)

angolensis transversa (Fairmaire, 1888b: 262) *Sepidium* [Koch, 1958: 53]
Type data. Holotype (Leiden Museum)
= *Sepidium ovampoense* Péringuey, 1892: 55 [syn. by Koch (1958: 53)]
Type data. Holotype (Cape Museum)
angustula Lesne, 1922: 697
Type data. Holotype (Paris Museum)
aper Fairmaire, 1887: 278
Type data. Holotype (Paris Museum)
apicorne (Fairemaire, 1882: 75) *Sepidium* [Koch, 1958: 42]
Type data. Holotype (Paris Museum)
borana Gridelli, 1939a: 114
Type data. Syntypes (Trieste Museum)
bulbifera Fairmaire, 1897: 116
Type data. Holotype (Paris Museum)
clypeata Gahan, 1896: 454
Type data. Holotype (British Museum)
cornutipennis Gebien, 1937b: 37
Type data. Holotype (Trieste Museum) and paratype (Basel Museum, Trieste Museum)
costata Allard, 1874: 149
Type data. Holotype (Basel Museum)
crinita Allard, 1882: LXXXVII
Type data. Syntypes (Paris Museum)
= *Sepidium zambezianum* Péringuey, 1892: 123 [syn. by Koch (1958: 52)]
Type data. Syntypes (British Museum and Paris Museum)
deckerti Ferrer, 2004a: 217
Type data. Holotype (Berlin Museum)
erecticollis Ancey, 1881b: 461
Type data. Syntypes (Paris Museum)
erosa Allard, 1882: LXXXVII
Type data. Holotype (Basel Museum)
furcifera (Gerstaecker, 1884: 55) *Sepidium* [Gebien, 1937b: 56]
Type data. Syntypes (Berlin Museum)
gracilenta Ancey, 1881a: 397
Type data. Syntypes (Paris Museum)
grisea Gridelli, 1939a: 421
Type data. Syntypes (Trieste Museum)
grixonii Gestro, 1895: 375
Type data. Holotype (Genoa Museum)
hamaticollis (Fairmaire, 1887: 277) *Sepidium* [Koch, 1958: 43]
Type data. Holotype (Paris Museum)
holdhausi Reitter, 1914: 391
Type data. Holotype (Vienna Museum)
lacunosa Fairmaire, 1894: CCLII
Type data. Holotype (Basel Museum)

longehirta (Fairmaire, 1887: 277) *Sepidium* [Koch, 1958: 43]
Type data. Holotype (Paris Museum)
longepilosa Fairmaire, 1891b: CCXCIV
Type data. Holotype (Paris Museum)
luctuosa Fairmaire, 1894: 392
Type data. Holotype (Paris Museum)
lutulenta Gestro, 1895: 143
Type data. Holotype (Genoa Museum)
luxorii Allard, 1874: 150
Type data. Holotype (Paris Museum)
millingenii Kirchsberg, 1877: 203
Type data. Syntypes (Basel Museum)
montana Fairmaire, 1894: 392
Type data. Holotype (Paris Museum)
muscosa (Gerstaecker, 1871: 60) *Sepidium* [Koch, 1958: 43]
Type data. Syntypes (Berlin Museum)
ovalis Allard, 1874: 149
Type data. Syntypes (Basel Museum, British Museum)
pallidicornis Koch, 1958: 219
Type data. Holotype (Cape Museum) and paratypes (Cape Museum, Ditsong Museum)
protensa Fairmaire, 1891b: CCXCV
Type data. Syntypes (Paris Museum)
punctipennis Reitter, 1914: 390
Type data. Holotype (Vienna Museum)
ramosipilus Koch, 1958: 219
Type data. Syntypes (Cape Museum, Ditsong Museum)
rendiliana Lesne, 1922: 696
Type data. Holotype (Paris Museum)
robusta Lesne, 1922: 697
Type data. Holotype (Paris Museum)
russoi Gebien, 1937b: 38
Type data. Holotype (Trieste Museum) and paratype (Basel Museum, Museo Civico Filangieri)
senegalensis dongolensis Laporte, 1840: 197
Type data. Holotype (Paris Museum)
Notes. Taxonomic concept after Gebien (1937b: 56)
= *Dymonus dufossei* Solier, 1843: 10 [syn. by Baudi (1876: 32)]
Type data. Holotype (Paris Museum)
senegalensis senegalensis (Klug, 1835: 40)
Type data. Syntypes (Humboldt University)
= *Sepidium vestitum* Guérin-Méneville, 1831: 114 [syn. by Allard (1874: 145)]
Type data. Syntypes (Paris Museum)

sexcornuta (Fairmaire, 1897: 115) *Sepidium* [Koch, 1958: 42]
Type data. Holotype (Paris Museum)
speculifera Gebien, 1910a: 158
Type data. Syntypes (Basel Museum, Tervuren Museum)
spiculosa (Gerstaecker, 1884: 55) *Sepidium* [Gebien, 1937b: 56]
Type data. Holotype (Berlin Museum)
subcaudata Lesne, 1922: 696
Type data. Holotype (Paris Museum)
tuberculata (Solier, 1844: 11) *Dymonus* [Koch, 1958: 43]
Type data. Holotype (Torino Museum – Spinola coll.)
= *Dymonus gibbicollis* Solier, 1843: 12 [syn. by Reitter 1914: 390]
Type data. Holotype (Warsaw Museum – Dupont collection)
tuberosa Fairmaire, 1882a: 76
Type data. Holotype (Paris Museum)
uncigera Ancey, 1881b: 461
Type data. Holotype (Paris Museum)
vietomorphoides Kwieton, 1978: 11
Type data. Holotype (Prague Museum)
villosula (Fairmaire, 1882a: 74) *Sepidium* [Koch, 1958: 42]
Type data. Holotype (Paris Museum)
zavatartii Gridelli, 1939a: 110
Type data. Syntypes (Trieste Museum)

Genus *Vietomorpha* Fairmaire, 1887: 186

Type species. *Vietomorpha foveipennis* Fairmaire, 1887 (by monotypy)

abyssinica Mal, 1986a: 17
Type data. Holotype (Brussels Museum) and paratypes (British Museum, Budapest Museum, Ditsong Museum, Ohio State, Tervuren Museum, Paris Museum)
bartolozzii Mal, 1986a: 19
Type data. Holotype and paratype (Florence Museum)
crassipes Mal, 1986a: 16
Type data. Holotype (Ditsong Museum) and paratypes (British Museum, Budapest Museum, Ditsong Museum, Paris Museum)
foveipennis Fairmaire, 1887: 186
Type data. Holotype (Basel Museum)
= *Vietomorpha arabica* Schuster & Gebien, 1938: 59 [syn. by Gridelli (1953: 44)]
Type data. Syntypes (Basel Museum)
tuberosa (Fairmaire, 1882a: 76) Vieta [Mal, 1986a: 21]
Type data. Holotype (Paris Museum)
= *Vieta senegalensis somalica* Gebien, 1937b: 41 [syn. by Mal (1986a: 21)]
Type data. Syntypes (Genoa Museum)

Subtribe Trachynotina Koch, 1955: 34

Type genus. *Trachynotus* Latreille, 1828

Taxonomic diversity. (10 gen., 218 spp.): *Cyrtoderes* (5 ssp.), *Epairopsis* (4), *Ethmus* (30), *Histrionotus* (2), *Microphligra* (1), *Ossiporis* (11), *Oxycerus* (1), *Somaticus* (148), *Trachynotus* (15), *Trichethmus* (1).

Distribution. Widely distributed in the southern part of the Afrotropical Realm (south from equator) (Fig. 51).

Genus *Cyrtoderes* Dejean, 1834: 181

Type species. *Sepidium lacunosum* Thunberg, 1784 (by subsequent designation by Bousquet & Bouchard (2013: 45); syn of *Tenebrio cristatus* DeGeer, 1778)

= *Phligra* Laporte, 1840: 197 [junior objective synonym; see Bousquet & Bouchard (2013: 45)]

Type species. *Phligra degeeri* Laporte, 1840 (by monotypy); syn of *Tenebrio cristatus* DeGeer, 1778.

cristatus cristatus (DeGeer, 1778: 653) *Tenebrio* [Bousquet & Bouchard, 2013: 45]

Type data. Syntypes (Naturhistoriska riksmuseet)

= *Sepidium lacunosum* Thunberg, 1787: 48 [syn. by Haag-Rutenberg (1871a: 35)]

Type data. Syntypes (Uppsala University)

= *Brachycerus cristatus* Fabricius, 1798: 161 [syn. by Alonso-Zarazaga (2014: 73)]

Type data. Holotype (Lund University)

= *Brachycerus areolatus* Thunberg, 1799: 31 [syn. by Thunberg (1813: 399)]

Type data. Syntypes (Uppsala University)

= *Phligra degeeri* Laporte, 1840: 197 [syn. by Haag-Rutenberg (1871a: 35)]

Type data. Holotype (Paris Museum)

= *Cyrtoderes curculioides* Solier, 1843: 36 [syn. by Haag-Rutenberg (1871a: 35)]

Type data. Holotype (Paris Museum)

cristatus nigritus Solier, 1843: 35

Type data. Holotype (Paris Museum)

cristatus sinuosus Solier, 1843: 34

Type data. Holotype (Paris Museum)

crucifera (Haag-Rutenberg, 1871a: 35) *Phligra* [Bousquet & Bouchard, 2013: 45]

Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)

hamaticollis (Péringuey, 1904: 235) *Phligra* [Bousquet & Bouchard, 2013: 45]

Type data. Syntypes (Cape Museum)

Genus *Epairopsis* Koch, 1955: 47

Type species. *Trachynotus frontalis* Haag-Rutenberg, 1873 (by original designation)

deckerti Ferrer, 2004: 193
Type data. Holotype (Berlin Museum)
frontalis frontalis (Haag-Rutenberg, 1873: 43) *Trachynotus* [Koch, 1955: 47]
Type data. Syntypes (Naturhistoriska riksmuseet, Warsaw Museum)
= *Epairops laevigata* Péringuey, 1892: 55 [syn. by Gebien (1920: 99)]
Type data. Syntypes (Cape Museum)
frontalis variegata (Péringuey, 1892: 55) *Epairops* [Gebien (1920: 99)]
Type data. Holotype (Cape Museum)
superbus Koch 1958: 217
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)

Genus *Ethmus* Haag-Rutenberg-Rutenberg, 1873: 44

Type species. *Ethmus maculatus* Haag-Rutenberg, 1873 (by subsequent designation by Gebien (1937a: 778))
= *Tynthlobia* Fairmaire 1888b: 261 [junior subjective synonym proposed by Fairmaire (1891a: 250)]
Type species. *Tynthlobia quadricostata* Fairmaire, 1888 (by monotypy)

Subgenus *Ethmomerus* Koch, 1954b: 243

Type species. *Ethmus* (*Ethmomerus*) *subcylindricus* Koch, 1954 (by original designation)

brevis Koch, 1954b: 261
Type data. Holotype (Tervuren Museum) and paratypes (Budapest Museum, Ditsong Museum, Tervuren Museum)
subcylindricus Koch, 1954b: 259
Type data. Holotype (British Museum) and paratypes (British Museum, Ditsong Museum)

Subgenus *Ethmophobes* Koch, 1954b: 244

Type species. *Ethmus latus* Haag-Rutenberg, 1873 (by original designation)

herero herero Koch, 1958: 32
Type data. Holotype and paratypes (Ditsong Museum)
herero pronamibensis Koch, 1958: 32
Type data. Holotype and paratypes (Ditsong Museum)
latus bisbicostatus Koch, 1958: 30
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum)

latus kaokoanus Koch, 1958: 30
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum)
latus latus Haag-Rutenberg, 1873: 45 [Koch 1954b: 244]
Type data. Holotype (Naturhistoriska riksmuseet)
paradisiacus angolanus Koch, 1958: 33
Type data. Holotype and paratypes (Ditsong Museum)
paradisiacus formosus Koch, 1958: 33
Type data. Holotype (Ditsong Museum)
paradisiacus paradisiacus Koch, 1958: 28
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum)
vernayi vernayi Koch, 1958: 26
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum)
vernayi reductus Koch, 1958: 28
Type data. Holotypes and paratypes (Ditsong Museum)
vernayi marginatus Koch, 1958: 28
Type data. Holotype (Ditsong Museum)

Subgenus *Ethmus* Haag-Rutenberg, 1873: 44

Type species. *Ethmus maculatus* Haag-Rutenberg, 1873 (by subsequent designation by Gebien (1937a: 778))

acinopoides Koch, 1954b: 247
Type data. Holotype (Tervuren Museum) paratypes (Ditsong Museum, Tervuren Museum)
analis Gebien, 1910a: 150
Type data. Holotype (Basel Museum)
barbosai Koch, 1954b: 241
Type data. Holotype (Maputo Museum)
borgesi Koch, 1958: 21
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
cinereosparsus Gebien, 1910a: 151
Type data. Syntypes (Basel Museum)
dollmani Koch, 1954b: 248
Type data. Holotype (British Museum) and paratypes (British Museum, Ditsong Museum)
gedyei Koch, 1954b: 252
Type data. Holotype (British Museum) and paratypes (British Museum, Ditsong Museum)

maculatus Haag-Rutenberg, 1873: 45
Type data. Syntypes (Paris Museum, Munich Museum – Haag-Rutenberg coll.)
nyassicus Koch, 1954b: 249
Type data. Holotype and paratypes (Munich Museum)
plicatus Müller, 1887: 300
Type data. Holotype (Leiden Museum)
pygidialis Koch, 1954b: 253
Type data. Holotype (Ditsong Museum)
pustulatus Koch, 1954b: 257
Type data. Holotype (National Congo) and paratypes (Budapest Museum, Ditsong Museum, National Congo)
quadricostatus (Fairmaire, 1888b: 261) *Tynthlobia* [Koch 1954b: 254]
Type data. Holotype (Leyden Museum)
sculptus Koch, 1954b: 255
Type data. Holotype (Munich Museum)
silvanus Koch, 1958: 22
Type data. Holotype (Ditsong Museum) and paratypes (Basel Museum, Budapest Museum, Ditsong Museum)
tessellatus Koch, 1958: 24
Type data. Holotype (Ditsong Museum)

incertae sedis

incostatus Gebien, 1910a: 150
Type data. Syntypes (Basel Museum, Tervuren Museum)
Notes. Species unknown to Koch (1954, 1958).

Genus *Histrionotus* Koch, 1955: 44

Type species. *Trachynotus lightfooti* Péringuey, 1892 (by original designation)

lightfooti (Péringuey, 1892: 122) *Trachynotus* [Koch, 1955: 44]
Type data. Syntypes (Cape Museum)
omercooperi Koch, 1955: 43
Type data. Koch (1955) did not provide any details concerning the type series. Therefore, a lectotype designation is needed to fix the taxonomic status of the genus and the species. **Lectotype**, designated here, "Aus, Gt. Namaqualand. / 17.IX.1950 / C. Koch, G. van Son". Paralectotypes (Basel Museum, British Museum, Tervuren Museum).
Notes. Although Koch (1955: 44) states that *Histrionotus* was described as a monotypical genus (for *lightfooti*) he intentionally describes *Histrionotus omercooperi* on the preceding page.

Genus *Microphligra* Koch, 1955: 47

Type species. *Phligra minuta* Péringuey, 1904: (by original designation)

Notes. In caption of plate 9 in his paper from 1955 Koch introduced the second representative of *Microphligra*: "*Microphligra* (*Paraphligra*) *succulentium* (subg. nov. in litt. sp. nov. in litt.)". A habitus of this beetle is presented in the preceding page. However, Koch did not specify any characters separating this new entity from the *Microphligra minuta*, therefore this cannot be treated as a valid description according to the regulations of the ICZN (1999).

minuta (Péringuey 1904: 236) *Phligra* [Koch, 1955: 47]

Type data. Holotype (Cape Museum)

Genus *Ossiporis* Pascoe, 1866: 451

Type species. *Ossiporis terrena* Pascoe, 1866 (by monotypy)

= *Epairops* Fåhraeus, 1870: 282 [syn. by Gebien (1937b: 37)]

Type species. *Epairops fragilis* Fåhraeus, 1870 (by monotypy)

angolensis Koch, 1953b: 86

Type data. Holotype (British Museum) and paratype (Ditsong Museum)

capeneri Koch, 1953d: 7

Type data. Holotype (Ditsong Museum) and paratypes (British Museum)

crenulimargo Koch, 1953d: 26

Type data. Holotype (British Museum) and paratypes (British Museum, Brussels Museum, Ditsong Museum)

marshalli Koch, 1953d: 24

Type data. Holotype (British Museum)

taterae Koch, 1953d: 2

Type data. Holotype (Tervuren Museum)

terrena chubbi Koch, 1953d: 25

Type data. Holotype (Ditsong Museum) and paratypes (Durban Museum)

terrena fragilis (Fåhraeus, 1870: 282) *Epairops* [Gebien, 1937b: 37]

Type data. Lectotype, designated by Ferrer (2004a) (Naturhistoriska riksmuseet) and paralectotypes (British Museum, Naturhistoriska riksmuseet)

terrena terrena Pascoe, 1866: 452

Type data. Holotype (Basel Museum, British Museum)

terrena rhodesiana Koch, 1953d: 8

Type data. Holotype (Ditsong Museum) and paratypes (British Museum, Ditsong Museum, Rhodesia Museum)

terrena zoutpansbergensis Koch, 1953d: 28

Type data. Holotype and paratypes (Ditsong Museum)

undulicostis Koch, 1953d: 6
Type data. Holotype (Rhodesia Museum)

Genus *Oxycerus* Koch, 1955:46

Type species. *Trachynotus resolutus* Péringuey, 1904 (by original designation)

resolutus (Péringuey, 1904: 234) *Trachynotus* [Koch, 1955: 46]
Type data. Holotype (Ditsong Museum)

Genus *Somaticus* Hope, 1840: 117

Type species. *Sepidium rugosum* Fabricius, 1781 (by original designation)

Subgenus *Acromaticus* Koch, 1955: 143

Type species. *Sepidium acuminatum* Quensel, 1806 (by original designation); syn. of *Sepidium striatum* Thunberg, 1787

adventitus (Péringuey, 1899: 229) *Trachynotus* [Koch, 1955: 169]
Type data. Syntypes (Cape Museum)
albanyensis Koch, 1955: 164
Type data. Holotype (British Museum)
algoensis Koch, 1955: 153
Type data. Syntypes (Budapest Museum, Ditsong Museum)
bisinuatus Koch, 1955: 155
Type data. Syntypes (Ditsong Museum)
caviventris Koch, 1955: 158
Type data. Holotype (Ditsong Museum)
cohaerens Koch, 1955: 166
Type data. Syntypes (Budapest Museum, Ditsong Museum)
corallipes Koch, 1955: 157
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
dimorphus Koch, 1955: 172
Type data. Syntypes (Basel Museum, Budapest Museum, Cape Museum)
georgensis Koch, 1955: 166
Type data. Holotype (Cape Museum)
hirundo Koch, 1955: 159
Type data. Holotype (Cape Museum) and paratypes (Cape Museum, Ditsong Museum)

Notes. Koch (1955: 159) designated a variety named "*rubripes*". The author expressly gave it infrasubspecific rank, since he also designated taxa at the subspecies level. Therefore, according to art. 45.6.4. of the ICZN (1999) is should not be treated as a subspecies.

karrooensis Koch, 1955: 164

Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)

licinoides (Haag-Rutenberg, 1873: 7) *Trachynotus* [Koch, 1955: 176]

Type data. Syntypes (Munich Museum)

= *Trachynotus rusticus* Péringuey, 1899: 300 [syn. by Gebien (1937a: 773)]

Type data. Syntypes (Cape Museum)

malaisei Koch, 1955: 172

Type data. Syntypes (Basel Museum, British Museum, Budapest Museum, Ditsong Museum)

marlothi Koch, 1955: 17

Type data. Holotype (Ditsong Museum)

moerens (Haag-Rutenberg, 1879: 294) *Trachynotus* [Koch, 1955: 162]

Type data. Holotype (British Museum)

Notes. Type deposition information after Koch (1955).

namaquensis Koch, 1955: 170

Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)

nitens (Péringuey, 1899: 298) *Trachynotus* [Koch, 1955: 171]

Type data. Syntypes (Cape Museum)

nollothensis Koch, 1955: 158

Type data. Holotype (Cape Museum)

praephallatus frigidorae Koch, 1955: 162

Type data. Syntypes (Ditsong Museum)

praephallatus praephallatus Koch, 1955: 161

Type data. Holotype and paratype (Ditsong Museum)

punctiger (Haag-Rutenberg, 1873: 15) *Trachynotus* [Koch, 1955: 156]

Type data. Holotype (Museum Berlin)

purcelli Koch, 1955: 151

Type data. Syntypes (Cape Museum)

saxicola Koch, 1955: 177

Type data. Holotype (Ditsong Museum)

scaber (Haag-Rutenberg, 1873: 15) *Trachynotus* [Koch, 1955: 175]

Type data. Holotype (Munich Museum)

striatus (Thunberg, 1787: 48) *Sepidium* [Ferrer, 2009: 114]

Type data. Holotype (Uppsala University)

= *Sepidium acuminatus* Quensel, 1806: 130 [syn. by Ferrer (2009: 114)]

Type data. Syntypes (Naturhistoriska riksmuseet)

suturalifer Koch, 1955: 151

Type data. Holotype (Cape Museum)

transmontanus Koch, 1955: 167
Type data. Holotype (Cape Museum)
vansonianus Koch, 1955: 154
Type data. Syntypes (Ditsong Museum)

Subgenus *Bechuanitis* Koch, 1955: 93

Type species. *Trachynotus brucki* Haag-Rutenberg, 1873 (by original designation)

bohemani bohemani (Haag-Rutenberg, 1873: 11) *Trachynotus* [Koch, 1955: 94]
Type data. Holotype (Munich Museum) and paratype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
bohemani gaerdesi Koch, 1955: 95
Type data. Holotype (Ditsong Museum)
bohemani scherzi Koch, 1955: 96
Type data. Syntypes (Ditsong Museum)
brucki brucki (Haag-Rutenberg, 1873: 13) *Trachynotus* [Koch, 1955: 93]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
brucki ovamboanus Koch, 1955: 104
Type data. Holotype (Ditsong Museum)
brucki poweri (Hesse, 1935: 554) *Trachynotus* [Koch, 1955: 104]
Type data. Holotype (Cape Museum)
Notes. Type deposition information after Koch (1955).
cinctus (Haag-Rutenberg, 1873: 12) *Trachynotus* [Koch, 1955: 97]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
geniculatus geniculatus (Haag-Rutenberg, 1873: 21) *Trachynotus* [Koch, 1955: 99]
Type data. Syntypes (British Museum, Munich Museum)
geniculatus hessei Koch, 1955: 101
Type data. Syntypes (Budapest Museum, Ditsong Museum)
geniculatus pluricostatus Koch, 1955: 100
Type data. Syntypes (Ditsong Museum, Munich Museum)
hereroensis Koch, 1955: 99
Type data. Holotype (University Lund)
rugulosicollis (Hesse, 1935: 554) *Trachynotus* [Koch, 1955: 102]
Type data. Syntypes (Cape Museum, Ditsong Museum)

Subgenus *Ceromelaephus* Koch, 1955: 87

Type species. *Trachynotus badeni* Haag-Rutenberg, 1873 (by original designation)

badeni (Haag-Rutenberg, 1873: 10) *Trachynotus* [Koch, 1955: 87]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
= *Trachynotus scrobiculatus* Péringuey, 1885: 110 [syn. by Gebien (1937a: 773)]
Type data. Holotype (Cape Museum)
seminitidus Koch, 1955: 89
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Cape Museum, Naturhistoriska riksmuseum)
strangulatus arborarius Koch, 1955: 92
Type data. Syntypes (Budapest Museum, Ditsong Museum)
strangulatus auobensis Koch, 1955: 93
Type data. Holotype and paratypes (Ditsong Museum)
strangulatus patzelti Koch, 1955: 92
Type data. Holotype (Ditsong Museum) and paratype (California Academy of Science)
strangulatus rehobothensis Koch, 1955: 92
Type data. Holotype (Ditsong Museum) and paratypes (Cape Museum)
strangulatus strangulatus (Gebien, 1920: 92) *Trachynotus* [Koch, 1955: 90]
Type data. Holotype (Basel Museum)
wahlbergi ausensis Koch, 1955: 90
Type data. Holotype (Cape Museum) and paratype (Ditsong Museum)
wahlbergi wahlbergi (Haag-Rutenberg, 1873: 10) *Trachynotus* [Koch, 1955: 89]
Type data. Holotype (Naturhistoriska riksmuseum)
Notes. Type deposition information after Koch (1955).

Subgenus *Clinocranion* Solier, 1843: 114

Notes. While describing this genus Solier (1843) used two following forms of the name, *Clinocranion* and *Clynocranion*. Koch (1955: 70), the first reviewer, selected the first one.

Treated as a subgenus of *Trachynotus* (e.g., Gebien 1920), while the current interpretation proposed by Koch (1955).

Type species. *Clinocranion spinosum* Solier, 1843 (by subsequent designation by Lucas (1920: 190))

planatus drukeri Koch, 1955: 73
Type data. Syntypes (Budapest Museum, Ditsong Museum, Tervuren Museum)
planatus planatus (Solier, 1843: 116) *Clinocranion* [Koch, 1955: 72]
Type data. Holotype (Geneva Museum – Gory collection)
Notes. Type deposition information after Koch (1955).
planatus subdamarensis Koch, 1955: 73
Type data. Holotypes and paratypes (Ditsong Museum)
spinosus (Solier, 1843: 115) *Clinocranion* [Koch, 1955: 71]
Type data. Holotype (Geneva Museum)

Subgenus *Diacis* Koch, 1955: 105

Type species. *Trachynotus regalis* Haag-Rutenberg, 1875 (original designation)

angustus (Péringuey, 1886: 125) *Trachynotus* [Koch, 1955: 106]
Type data. Syntypes (Cape Museum)
distinctus (Péringuey, 1892: 54) *Trachynotus* [Koch, 1955: 105]
Type data. Syntypes (Cape Museum)
regalis (Haag-Rutenberg, 1875: 82) *Trachynotus* [Koch, 1955: 106]
Type data. Syntypes (British Museum, Munich Museum – Haag-Rutenberg coll.)

Subgenus *Somaticus* Hope, 1840: 117

Notes. Although the correct original spelling of this genus group name is *Somaticum* (Hope, 1840: 117 and errata), to our knowledge all subsequent authors have used the incorrect subsequent spelling *Somaticus* and that this incorrect subsequent spelling is in prevailing usage and attributed to the publication of the original spelling; therefore this genus-group name is to be preserved and deemed to be the correct original spelling (ICZN 1999, Art. 33.3.1).
Type species. *Sepidium rugosum* Fabricius, 1781 (by original designation)
= *Gonopterus* Solier, 1843: 101 [junior subjective synonym proposed by Gebien, 1910b: 163]
Type species. *Sepidium rugosum* Fabricius, 1781 (by monotypy)

aeneus (Solier, 1843: 111) *Trachynotus* [Koch, 1955: 82]
Type data. Syntypes (Geneva Museum)
Notes. Type deposition information after Koch (1955).
bisbicostatus (Gebien, 1920: 93) *Trachynotus* [Koch, 1955: 86]
Type data. Neotype (Basel Museum), designated by Koch (1955: 86)
Notes. According to Koch (1955) the holotype was originally preserved in the Museum Hamburg, but was destroyed during the World War II.
decoratipes cisfluminis Koch, 1955: 81
Type data. Syntypes (Budapest Museum, Ditsong Museum)
decoratipes decoratipes Koch, 1955: 79
Type data. Syntypes (Basel Museum, Budapest Museum, Cape Museum, Ditsong Museum)
glabriventris Koch, 1955: 78
Type data. Syntypes (Basel Museum, Budapest Museum, Paris Museum)
rugosus rugosissimus Koch, 1955: 78
Type data. Syntypes (Cape Museum)
rugosus rugosus (Fabricius, 1781: 315) *Sepidium* [Koch, 1955: 76]
Type data. Holotype Copenhagen Museum) and paratypes (British Museum)
Notes. Type deposition information after Koch (1955)

= *Pimelia leucophrys* Herbst, 1799: 115 [syn. by Haag-Rutenberg, 1873: 8]
Type data. Holotype (Berlin Museum)
rugosus testaceipes Koch, 1955: 77
Type data. Syntypes (Ditsong Museum)
stali (Haag-Rutenberg, 1873: 18) *Trachynotus* [Koch, 1955: 85]
Type data. Holotype (Naturhistoriska riksmuseet)
= *Clinocranion latemarginatum* Péringuey, 1885: 115 [syn. by Gebien (1910b: 165)]
Type data. Holotype (Cape Museum)
straminicornis Koch, 1955: 81
Type data. Holotype (Ditsong Museum)
stridulatus Koch, 1955: 78
Type data. Syntypes (Budapest Museum, California Academy, Ditsong Museum, Stellenbosch University)
welwitschi Koch, 1955: 84
Type data. Syntypes (British Museum)

Subgenus *Tracheloeum* Hope, 1840: 116

Type species. *Tracheloeum laticolle* Hope, 1840 (by original designation)

carinatus cancellatus Koch, 1955: 200
Type data. Holotype (Ditsong Museum)
carinatus carinatus (Solier, 1843: 109) *Trachynotus* [Koch, 1955: 199]
Type data. Holotype (Geneva Museum)
Notes. Type deposition information after Haag-Rutenberg (1871).
carinatus chevrolati (Haag-Rutenberg, 1873: 35) *Trachynotus* [Koch, 1955: 54]
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
contractus (Haag-Rutenberg, 1873: 27) *Trachynotus* [Koch, 1955: 189]
Type data. Holotype (Museum Berlin)
Notes. Type deposition information after Koch (1955).
dilatatus (Haag-Rutenberg, 1873: 25) *Trachynotus* [Koch, 1955: 182]
Type data. Holotype (Munich Museum)
fahraeusi Koch, 1955: 185
Type data. Syntypes (Cape Museum)
Notes. Koch (1955) designates a variety "*M-signatus*". Judging from the context, Koch expressively gave it the infrasubspecific rank. Therefore, according to art. 45.6.4. of the ICZN (1999) is should not be treated as a subspecies.
giganteus Koch, 1955: 194
Type data. Syntypes (Budapest Museum, Ditsong Museum)
hoffmanni (Haag-Rutenberg, 1878: 93) *Trachynotus* [Koch, 1955: 201]
Type data. Holotype (Stuttgart Museum)

impressicollis (Péringuey, 1885: 111) *Trachynotus* [Koch, 1955: 200]
Type data. Syntypes (Cape Museum)
intermedius (Haag-Rutenberg, 1878: 92) *Trachynotus* [Koch, 1955: 195]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
laticollis (Hope, 1840: 116) *Tracheloeum* [Koch, 1955: 179]
Type data. Holotype (Oxford University – Hope coll.)
Notes. Type deposition information after Koch (1955).
maculosus (Fåhraeus, 1870: 276) *Trachynotus* [Koch, 1955: 184]
Type data. Syntypes (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
marginatus (Thunberg, 1787) S*epidium* [Ferrer: 2009: 114]
Type data. Holotype (Uppsala University)
= *Trachynotus laevis* Fåhraeus, 1870: 275 [syn. by Ferrer, 2009: 114]
Type data. Syntypes (Naturhistoriska riksmuseet, Warsaw Museum)
Notes. Type deposition information after Koch (1955).
= *Trachnotus glaber* Fåhraeus, 1870: 275 [syn. by Koch (1955: 181)]
Type data. Syntypes (Naturhistoriska riksmuseet)
pretorianus bushveldeus Koch, 1955: 183
Type data. Holotype (Ditsong Museum) and paratype (Cape Museum)
pretorianus pretorianus Koch, 1955: 182
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
silphoides metallescens Koch, 1955: 194
Type data. Holotype (South African National Collection)
silphoides nigronitens Koch, 1955: 193
Type data. Syntypes (Cape Museum, Ditsong Museum)
silphoides peringueyi Koch, 1955: 191, replacement name
= *Trachynotus plicipennis* Péringuey, 1899: 300 [junior primary homonym of *Trachynotus plicipennis* Haag-Rutenberg, 1873: 38]
Type data. Syntypes (Cape Museum)
silphoides silphoides (Fåhraeus, 1870: 274) *Trachynotus* [Koch, 1955: 191]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
silphoides swazicola Koch, 1955: 193
Type data. Syntypes (Munich Museum)
similis (Haag-Rutenberg, 1873: 35) *Trachynotus* [Koch, 1955: 196]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
transvaalensis Koch, 1955: 197
Type data. Syntypes (Cape Museum, Ditsong Museum)
vittiger (Haag-Rutenberg, 1873: 22) *Trachynotus* [Koch, 1955: 187]
Type data. Holotype (British Museum)
Notes. Type deposition information after Koch (1955).

Subgenus *Trachyderes* Koch, 1955: 112

Type species. *Trachynotus bipunctatus* Haag-Rutenberg, 1873 (by original designation)

albomaculatus (Haag-Rutenberg, 1873: 41) *Trachynotus* [Koch, 1955: 142]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
= *Trachynotus terrenus* Péringuey, 1885: 114 [syn. by Gebien, 1937a: 773]
Type data. Syntypes (Cape Museum)
barnardi Koch, 1955: 137
Type data. Holotype (Cape Museum)
bipunctatus bipunctatus (Haag-Rutenberg, 1873: 20) *Trachynotus* [Koch, 1955: 113]
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
bipunctatus pilosus (Péringuey, 1885: 112) *Trachynotus* [Koch, 1955: 121]
Type data. Syntypes (Cape Museum)
braunsi Koch, 1955: 135
Type data. Syntypes (Basel Museum, British Museum, Budapest Museum, Ditsong Museum, Tervuren Museum)
cordipennis Koch, 1955: 136
Type data. Holotype (Ditsong Museum)
dubius (Péringuey, 1885: 114) *Trachynotus* [Koch, 1955: 130]
Type data. Holotype (Cape Museum)
= *Trachynotus sericeus* Péringuey, 1886: 124 [syn. by Gebien, 1937a: 773]
Type data. Syntypes (Cape Museum)
= *Trachynotus dubius maculipennis* Gebien, 1920: 99 [syn. by Koch 1955: 130]
Type data. Syntypes (Hamburg University)
dutoiti Koch, 1955: 118
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
eremicola Koch, 1955: 129
Type data. Syntypes (Cape Museum, Ditsong Museum)
fitzsimonsi Koch, 1955: 126
Type data. Holotype (Ditsong Museum) and paratypes (Budapest Museum, Ditsong Museum)
goryi (Solier, 1843: 112) *Trachynotus* [Koch, 1955: 117]
Type data. Holotype (Geneva Museum)
Notes. Type deposition information after Koch (1955).
gracilipes (Haag-Rutenberg, 1873: 19) *Trachynotus* [Koch, 1955: 128]
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
= *Trachynotus attenuatus* Péringuey 1886: 125 [syn. by Gebien, 1910b: 164]
Type data. Syntypes (Cape Museum)
gunvorae amnigenus Koch, 1955: 123
Type data. Holotype (Cape Museum)
gunvorae cylindricollis Koch, 1955: 122
Type data. Holotype (Cape Museum)

gunvorae gunvorae (Koch, 1953c: 12) *Trachynotus* [Koch, 1955: 121]
Type data. Holotype (Lund University) and paratypes (Ditsong Museum, Lund University)
haagi haagi (Péringuey, 1899: 299) *Trachynotus* [Koch, 1955: 114]
Type data. Holotype (Cape Museum)
haagi pilipeplus Koch, 1955: 116
Type data. Holotype (Ditsong Museum) and paratype (Naturhistoriska riksmuseet)
incostatus (Gebien, 1920: 99) *Trachynotus* [Koch, 1955: 138]
Type data. Syntypes (Basel Museum)
kungorum Koch, 1955: 140
Type data. Syntypes (Ditsong Museum)
plutus Koch, 1955: 134
Type data. Holotype (Ditsong Museum) and paratypes (California Academy, Ditsong Museum, Munich Museum)
pygmaeus (Fåhraeus, 1870: 279) *Trachynotus* [Koch, 1955: 141]
Type data. Holotype (Naturhistoriska riksmuseet)
= *Trachynotus tantillus* Péringuey, 1899: 301 [syn. by Péringuey (1904: 297)]
Type data. Holotype (Cape Museum)
ratus Koch, 1955: 125
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
tentyrioides (Haag-Rutenberg, 1873: 24) *Trachynotus* [Koch, 1955: 124]
Type data. Holotype (Munich Museum)
= *Trachynotus acuticostis* Gebien 1920: 97 [syn. by Koch (1955: 124)]
Type data. Syntypes (Basel Museum)
tibialis (Haag-Rutenberg, 1873: 20) *Trachynotus* [Koch, 1955: 132]
Type data. Holotype (Munich Museum)
Notes. Koch (1955) designates a variety "*nigripes*". Judging from the context, Koch expressively give it the infrasubspecific rank. Therefore, according to art. 45.6.4. of the ICZN (1999) is should not be treated as a subspecies.
zinni Koch, 1955: 133
Type data. Syntypes (Cape Museum)

Subgenus *Trichotrachys* Koch, 1955: 201

Type species. *Trachynotus sordidus* Gerstaecker, 1854 (by original designation)
angulatus (Fåhraeus, 1870: 277) *Trachynotus* [Koch, 1955: 206]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).

darlingtoni Koch, 1955: 212
Type data. Syntypes (Budapest Museum, Ditsong Museum)

funestus (Fåhraeus, 1870: 278) *Trachynotus* [Koch, 1955: 227]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
griseus (Fåhraeus, 1870: 277) *Trachynotus* [Koch, 1955: 214]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
hispidus (Hesse, 1935: 555) *Trachynotus* [Koch, 1955: 225]
Type data. Syntype (Cape Museum, Ditsong Museum)
histrio Koch, 1955: 229
Type data. Holotype (Cape Museum)
lutulentus lutulentus (Péringuey, 1899: 301) *Trachynotus* [Koch, 1955: 222]
Type data. Holotype (Cape Museum)
lutulentus montisdraconis Koch, 1955: 223
Type data. Syntypes (Durban Museum)
metropolis Koch, 1955: 227
Type data. Syntypes (Basel Museum, British Museum, Budapest Museum, Ditsong Museum)
newtoni Koch, 1955: 223
Type data. Holotype (Ditsong Museum)
obscurus Koch, 1955: 208
Type data. Syntypes (Cape Museum)
schalkwykae Koch, 1955: 213
Type data. Syntypes (Pretoria University)
sinuatus Koch, 1955: 208
Type data. Holotype (Ditsong Museum)
sordidus (Gerstaecker, 1854: 532) *Trachynotus* [Koch, 1955: 205]
Type data. Syntypes (Berlin Museum)
terricola setulosus (Haag-Rutenberg, 1873: 31) *Trachynotus* [Koch, 1955: 216]
Type data. Syntypes (Munich Museum, Warsaw Museum)
Notes. Type deposition information after Koch (1955).
terricola terricola (Fåhraeus, 1870: 278) *Trachynotus* [Koch, 1955: 215]
Type data. Syntypes (Naturhistoriska riksmuseet)
Notes. Type deposition information after Koch (1955).
testudo Koch, 1955: 220
Type data. Holotype (Cape Museum)
varicollis brachythorax Koch, 1955: 211
Type data. Syntypes (Budapest Museum, Ditsong Museum)
varicollis disconnectus Koch, 1955: 212
Type data. Holotype (Cape Museum) and paratypes (Cape Museum, Ditsong Museum)
varicollis varicollis Koch, 1955: 209
Type data. Syntypes (Budapest Museum, Ditsong Museum)

vestitus (Haag-Rutenberg, 1873: 30) *Trachynotus* [Koch, 1955: 218]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
zumpti rhodesianus Koch, 1955: 220
Type data. Holotype (Ditsong Museum) and paratype (Cape Museum)
zumpti zumpti Koch, 1955: 219
Type data. Syntypes (Budapest Museum, Ditsong Museum)

Subgenus *Trichotrichus* Koch, 1955: 108

Type species. *Trachynotus crinitus* Haag-Rutenberg, 1873 (by original designation)

crinitus (Haag-Rutenberg, 1873: 32) *Trachynotus* [Koch, 1955: 109]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
kraatzi kraatzi (Haag-Rutenberg, 1873: 33) *Trachynotus* [Koch, 1955: 110]
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
kraatzi fulvohirtus Koch, 1955: 111
Type data. Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)
kraatzi orientalis Koch, 1955: 112
Type data. Holotype (Ditsong Museum) and paratypes (Stellenbosch University)
serratus (Péringuey, 1885: 112) *Trachynotus* [Koch, 1955: 112]
Type data. Holotype (Cape Museum)

Subgenus *Tropitrachys* Koch, 1955: 229

Type species. *Trachynotus peregrinator* Koch, 1953a (by original designation)

peregrinator (Koch, 1953a: 179) *Trachynotus* [Koch, 1955: 230]
Type data. Holotype (British Museum) and paratypes (British Museum, Budapest Museum, Ditsong Museum)
tropicalis Koch, 1955: 231
Type data. Holotype (Frankfurt Museum)
incertae sedis
damarinus Péringuey, 1904: 233 [Ferrer 2000: 145]
Type data. Holotype (Naturhistoriska riksmuseet)
Notes. Ferrer (2000) transferred this species to the genus *Somaticus*. However, he treated "*Trachynotideus*" as a valid generic name and interpreted it as a subgenus within *Somaticus*. This view is not shared here (see comments to the genus *Trachynotidus*) therefore *damarinus* is considered *incertae sedis*.
scutelliformis (Laporte, 1840: 197) *Sepidium*
Type data. Holotype (Munich Museum)
Notes. See Koch (1955: 56) for details.

Genus *Trachynotus* Latreille, 1828: 579

Type species. *Sepidium vittatus* Fabricius, 1781 (**here designated**)

Notes. *Trachynotus* used to be attributed to Latreille (1829: 14). In that publication, *Sepidium reticulatum* was one of the originally included species and this species was later selected as the type species (see Hope 1840: 115). However, the present literature investigation revealed that the name *Trachynotus* was made available earlier (Latreille 1828). Three following species were originally included: *acuminatus* Quensel, 1806 (currently classified in *Somaticus*), *clathratum* (attributed to Fabricius), and *vittatum* Fabricius, 1781. In order to provide the nomenclatural stability the last taxon is hereby designated as a type species of *Trachynotus*.

= *Hipomelus* Dejean, 1834: 181 [junior objective synonym; see Bousquet & Bouchard (2013: 47)]

Type species. *Sepidium vittatum* Fabricius, 1781 (by subsequent designation by Hope (1840))

albulus Péringuey, 1886: 127
Type data. Syntypes (Cape Museum)
elongatus (Olivier, 1795: 8) *Sepidium* [Haag-Rutenberg, 1873: 36]
Type data. Syntypes (Paris Museum)
leucographus Solier, 1843: 107
Type data. Syntypes (Paris Museum)
lutosus Péringuey, 1885: 113
Type data. Syntypes (Cape Museum)
meracus Péringuey, 1899: 302
Type data. Holotype (Cape Museum)
ornatus Haag-Rutenberg, 1873: 40
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
plicipennis Haag-Rutenberg, 1873: 38
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
proximus Laporte, 1840: 197
Type data. Holotype (Paris Museum)
recurvus Haag-Rutenberg, 1873: 38
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
reticulatus (De Geer, 1778: 651) *Tenebrio* [Haag-Rutenberg, 1873: 2]
Type data. Holotype (Naturhistoriska riksmuseet)
= *Sepidium reticulatum* Thunberg, 1791: 23 [syn. by Ferrer (2009: 116)]
Type data. Syntypes (Uppsala University)
sctulosus Haag-Rutenberg, 1873: 31
Type data. Syntypes (Munich Museum – Haag-Rutenberg coll.)
tricostatus Haag-Rutenberg, 1873: 23
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)
variegatus Haag-Rutenberg, 1878: 94
Type data. Holotype (Munich Museum – Haag-Rutenberg coll.)

vicinus (Haag-Rutenberg, 1871b: 51) *Psammodes* [Koch, 1955: 46]
Type data. Syntypes (Geneva Museum, Warsaw Museum)
vittatus (Fabricius, 1781: 315) *Sepidium* [Haag-Rutenberg, 1873: 5]
Type data. Syntypes (British Museum, Copenhagen Museum)
= *Sepidium vittatum* Thunberg, 1791: 24 [syn. by Ferrer (2009: 117)]
Type data. Syntypes (Uppsala University)
= *Sepidium plicatus* Wiedemann, 1823: 39 [syn. by Koch (1955: 46)]
Type data. Holotype (Humboldt University)
= *Trachynotus lacunosus* Solier, 1843: 110 [syn. by Haag-Rutenberg (1873: 39)]
Type data. Syntypes (Paris Museum)

Genus *Trichethmus* Gebien, 1937b: 45

Type species. *Trichethmus lobicolis* Gebien, 1937b: 45 (by monotypy)

lobicolis Gebien, 1937b: 46
Type data. Holotype (Basel Museum)

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Index of species-group names

Valid species-group names are listed in italics, invalid names in regular type.

Supplementary material 1

Analysed distributional data in CSV format

Authors: Marcin J. Kamiński, Kojun Kanda, Ryan Lumen, Jonah M. Ulmer, Christopher C. Wirth, Patrice Bouchard, Rolf Aalbu, Noël Mal, Aaron D. Smith

Data type: Distributional data.

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