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 uzipanus (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. blands (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 (Gerstaeker, 1854), O. cardioperus (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. dorosocostatus (Gebien, 1910), O. dubiosus (Péringuey, 1899), O. ejectus (Koch, 1952), O. epronoticus (Koch, 1952), O. erichsoni (Haag-Rutenberg, 1871), O. ferreinae ferreinae (Koch, 1952), O. ferreinae zulu (Koch, 1952), O. fettlingi (Haag-Rutenberg, 1875), O. fistucans (Koch, 1952), O. fraternus (Haag-Rutenberg, 1875), O. freyi (Koch, 1952), O. freuend (Koch, 1952), O. fulgidus (Koch, 1952), O. funestus (Haag-Rutenberg, 1871), O. gemmeus (Koch, 1952), O. gibberosus (Péringuey, 1908), O. gibbus (Haag-Rutenberg, 1879), O. globosus (Haag-Rutenberg, 1871), O. granisterna (Koch, 1952), O. granulosicollis (Haag-Rutenberg, 1871), O. gridelli (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. heyderi (Haag-Rutenberg, 1871), O. humeralis (Haag-Rutenberg, 1871), O. humbergula (Haag-Rutenberg, 1871), O. imbitratus (Koch, 1952), O. imitator imitator (Péringuey, 1899), O. imitator invadens (Koch, 1952), O. inflatus (Koch, 1952), O. jansensi (Koch, 1952), O. javeti (Haag-Rutenberg, 1871), O. junodi (Péringuey, 1899), O. kulzeri (Koch, 1952), O. lacustris (Koch, 1952), O. laevigatus (Olvier, 1795), O. lanceolatus (Koch, 1953), O. licitus (Péringuey, 1899), O. luctuosus (Haag-Rutenberg, 1871), O. luxurus (Koch, 1952), O. maputoensis (Koch, 1952), O. marginicollis (Koch, 1952), O. martinsi (Koch, 1952), O. melleus (Koch, 1952), O. mendicus ester mannii (Koch, 1952), O. mendicus mendicus (Péringuey, 1899), O. miles (Péringuey, 1908), O. mimeticus (Koch, 1952), O. miolampoides (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. perdulceus (Koch, 1952), O. planus (Koch, 1952), O. pretorianus (Koch, 1952), O. procursus (Péringuey, 1899), O. protectus (Koch, 1952), O. punctatisimus (Koch, 1952), O. puncticollis (Koch, 1952), O. punctipennis planisculptus (Koch, 1952), O. punctipennis punctipennis (Harold, 1878), O. punctipleura (Koch, 1952), O. rhesidentius (Koch, 1952), O. roriferus (Koch, 1952), O. rufipes (Harold, 1878), O. saltarius (Koch, 1952), O. scabricollis (Gerstaeker, 1854), O. scopulipes (Koch, 1952), O. scrobicollis griqua (Koch, 1952), O. scrobicollis simulans (Koch, 1952), O. semiramus (Koch, 1952), O. semiscabrum (Haag-Rutenberg, 1871), O. sericicollis (Koch, 1952), O. similis (Péringuey, 1899), O. sjostedti (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. unwumanus (Koch, 1952), O. vagus (Péringuey, 1899), O. vaticinus (Péringuey, 1899), O. verecundus (Péringuey, 1899), O. verustus (Koch, 1952), O. vexator (Péringuey, 1899), O. virigo (Koch, 1952), O. warmeloi (Koch, 1953), O. zanzebaricus (Haag-Rutenberg, 1875), Pammophanes antonii (Gridelli, 1939), and P. miri (Pierre, 1979).

The type species [placed in square brackets] of the following genus-group taxa are designated for the first time, Ocnodes Fähræus, 1870 [Ocnodes scrobicollis Fähræus, 1870], Pammomophys Péringuey, 1899 [Pammomophys probes Péringuey, 1899], and Trachynotidus Péringuey, 1899 [Pammomophes 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 raffai (Molurina) 6 Distretus mormoce (Molurina) 7 Psammophanes pocilator (Molurina) 8 Euphrines sexdentatus (Molurina) 9 Moluris nitida (Molurina) 10 Dichthta inflata (Molurina) 11 Psammophyssus titanus (Phanerotomeina) 12 Dichthta 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 Sepidiosanus compressus (Sepidiina) 25 Psammodes vialis (Phanerotomeina) 26 Dimontiacis jacksoni (Sepidiina) 27 Physophrynus haroldi (Molurina) 28 Tarsochnodes molossus (Phanerotomeina) 29 Tarsochnodes nielseni (Phanerotomeina) 30 Phasmophanes bradai (Molurina) 31 Psammodes fratus (Phanerotomeina) 32 Vieta muscosa fascia (mipic).
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-sternebral 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 (Merkel 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
| Museum                          | Location                                                                 |
|--------------------------------|--------------------------------------------------------------------------|
| 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, Kenya                               |
| 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            |
| Museum Name                        | Location Information |
|-----------------------------------|-----------------------|
| 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                    | Institute 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 Scientifique 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, Warszaw, 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-
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 these 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), Trachnyotidus (8), Triangulipenna (1), Uniuangulum (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 sub-tribes 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 paralecotypes (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 paralecotype (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 paralecotypes (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).

*inaequis* 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 psammodiidoides* 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 (Périneguey, 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 Périneguey, 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).

villosoocostatus 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)

cinestriis 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. Trachynotidus 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

cruentus Péringuey, 1908: 411

Type data. Holotype (Cape Museum)

eximius Péringuey, 1899: 298

Type data. Syntypes (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)

globulipennis Péringuey, 1896: 167

**Type data.** Holotype (Cape Museum)

octocostatus Péringuey, 1899: 181

**Type data.** Holotype (Paris Museum)

tenuecostatus Gebien, 1910: 7

**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)

abscri 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)

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

Type data. Holotype (Paris Museum)

*wembericium* (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)

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

Type data. Holotype (Berlin Museum)

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

Type data. Syntypes (Basel Museum)

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

Type data. Syntypes (Basel Museum)

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

Type data. Holotype (Berlin Museum)

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

Type data. Holotype (Geneva Museum)

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

Type data. Holotype (Geneva Museum)

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

Type data. Syntypes (Basel Museum)

*Phrynocolus* spissicornis Fairmaire, 1882a: 72

Type data. Holotype (Paris Museum)

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

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

*Phrynocolus* wachei (Wilke, 1921: 163) [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.

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

Type data. Holotype (Paris Museum)

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

Type data. Syntypes (Berlin Museum)

*Phrynocolus* modesta Robiche, 2013: 159

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

*Phrynocolus* transvalica Brancsik, 1914: 65

Type data. Syntypes (Budapest Museum)

*Phrynocolus* 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 (Basel Museum, Leiden Museum)

*variabilis* Gebien, 1910a: 153

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

*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)

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)

_præplanatus_ 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.)
herbsi 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* Gerstaecker, 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)

*felminus* 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)

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

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

Type species. *Psammopodyphas 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.)

coraciaceus (Gerstaecker, 1854: 532) Phanerotoma [Haag-Rutenberg, 1871b: 68]
  **Type data.** Syntypes (Berlin Museum)
  = Psammodes manifestus Péringuey 1899: 274 [syn. by Gebien (1937a: 768)]

convexus (Solier, 1843: 91) Phanerotoma [Haag-Rutenberg, 1871b: 61]
  **Type data.** Holotype (Paris 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).

deveux 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)

doehrni 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: 64

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).

*gariebus* 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)

gliaber Koch, 1953c: 10

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

*gliabratus bienus* Koch, 1953b: 77

**Type data.** Holotype (Munich Museum)

*gliabratus glabratus* Harold, 1878: 106
Type data. Holotype (Berlin Museum)
grandis (Solier, 1843: 90) Phanerotoma [Gemminger, 1870: 122]

Type data. Holotype (Paris Museum)
= Psammodes lugubris Fähraeus, 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)
hirus (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).

*pilfer* 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.)

refleximargo (Gebien, 1920: 90) Trachynotidus [Gebien, 1937a: 771]

Type data. Holotype (Hamburg University – Michaelsen coll.)

retrospinus 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 Péringuey, 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 abyssinus 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)

kilimanjharus 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)
naiivashanus (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 (Lesne, 1922: 691) Psammodes [Lesne, 1922: 691]

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)
araffrayi 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 (Ditsong 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.** Syntypes (Basel Museum, Tervuren Museum)

*maculicollis* Koch, 1953a: 150

**Type data.** Holotype (Munchen 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)

*aehlmedoensis* 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), Nami-bomodes (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)

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 puncoticollis 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 paralec-topotype (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.
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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)

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*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)

*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 tentyriniiformis* 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) bertoloni* 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)

*bertoloni* (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).

\textit{brunnescens molestus} (Haag-Rutenberg, 1875: 75) \textit{Psammodes} comb. n.

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

\textit{buccinator} (Koch, 1952: 295) \textit{Phanerotomea} comb. n.

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

\textit{bushmanicus} (Koch, 1952: 257) \textit{Phanerotomea} comb. n.

**Type data.** Holotype (Ditsong Museum)

\textit{carbonarius} (Gerstaecker, 1854: 532) \textit{Phanerotomea} comb. n.

**Type data.** Syntypes (Berlin Museum)

\textit{cardiopterus} (Fairmaire, 1888b: 259) \textit{Psammodes} comb. n.

**Type data.** Syntypes (Leiden Museum)

\textit{cataractus} (Koch, 1952: 290) \textit{Phanerotomea} comb. n.

**Type data.** Holotype (Rhodesia Museum)

\textit{cinerarius} (Koch, 1952: 272) \textit{Phanerotomea} comb. n.

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

\textit{complanatus} (Koch, 1952: 299) \textit{Phanerotomea} comb. n.

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

\textit{concinnus} Fåhraeus, 1870

**Type data.** Syntypes (Geneva Museum)

**Notes.** Type deposition information after Koch (1952).

\textit{confertus} (Koch, 1952: 275) \textit{Phanerotomea} comb. n.

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

\textit{congruens} (Péringuey, 1899: 281) \textit{Psammodes} comb. n.

**Type data.** Holotype (Cape Museum)

\textit{cordiventris} (Haag-Rutenberg, 1871a: 74, in key) \textit{Psammodes} comb. n.

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

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

\textit{crocodilinus} (Koch, 1952: 311) \textit{Phanerotomea} comb. n.

**Type data.** Holotype (Ditsong Museum)

\textit{dimorphus} (Koch, 1952: 297) \textit{Phanerotomea} comb. n.

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

\textit{distinctus} (Haag-Rutenberg, 1871a: 62, in key) \textit{Psammodes} comb. n.

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

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

\textit{dolosus} (Péringuey, 1899: 291) \textit{Psammodes} comb. n.

**Type data.** Holotype (Cape Museum)
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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)
fietsingi (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)
finestus (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)
gibberosculus (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)

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)
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**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 paratype (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)
A catalogue of the tribe Sepidiini Eschscholtz, 1829 of the world

= *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)

*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 (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)

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)

stevsoni (Koch, 1952: 284) Phanerotomea comb. n.

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

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

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

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

Type data. Syntypes (Cape Museum)

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)
A catalogue of the tribe Sepidiini Eschscholtz, 1829 of the world

*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* (Müller, 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 Ovambo-land” 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 paratypes (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 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 typici 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)

*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)

*boseini* 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) it should not be treated as a subspecies.

*inaequale* Reitter, 1914: 386

**Type data.** Syntype (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 ruspoldi 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 bartheleymi* 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 cerisiyi* Solier, 1843: 26 [syn. by Reitter (1914: 386)]

**Type data.** Syntypes (Marseille Museum)

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

*trualensis* 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 bicornis* 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)

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

Type data. Syntypes (Paris Museum)

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

Type data. Syntypes (Paris Museum)

Geinus *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 ovampaense 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 (Fairmaire, 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 zambeziunum 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: CCXCIV
  **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)
rendiliiana 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)

= Dymonius 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 (Périnquey, 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)

dedyei 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) *Tynthobia* [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 expressively 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)

transmontanus 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).

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**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.)

caricatus (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)

fabraeusi 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.)

*Trachynotus [Koch, 1955: 200]*

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) *Sepidium* [Ferrer: 2009: 114]

**= 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)

*Trachynotus [Koch, 1955: 200]*

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)

*Trachynotus 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)

*Trachynotus barnardi* Koch, 1955: 137

**Type data.** Holotype (Cape Museum)

*Trachynotus bipunctatus bipunctatus* (Haag-Rutenberg, 1873: 20) *Trachynotus* [Koch, 1955: 113]

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

*Trachynotus bipunctatus pilosus* (Péringuey, 1885: 112) *Trachynotus* [Koch, 1955: 121]

**Type data.** Syntypes (Cape Museum)

*Trachynotus braunsi* Koch, 1955: 135

**Type data.** Syntypes (Basel Museum, British Museum, Budapest Museum, Ditsong Museum, Tervuren Museum)

*Trachynotus cordipennis* Koch, 1955: 136

**Type data.** Holotype (Ditsong Museum)

*Trachynotus 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)

*Trachynotus dutoiti* Koch, 1955: 118

**Type data.** Syntypes (Basel Museum, Budapest Museum, Ditsong Museum)

*Trachynotus eremicola* Koch, 1955: 129

**Type data.** Syntypes (Cape Museum, Ditsong Museum)

*Trachynotus fitzsimonsi* Koch, 1955: 126

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

*Trachynotus goryi* (Solier, 1843: 112) *Trachynotus* [Koch, 1955: 117]

**Type data.** Holotype (Geneva Museum)

**Notes.** Type deposition information after Koch (1955).

*Trachynotus 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)

*Trachynotus gunvorae annigenus* Koch, 1955: 123

**Type data.** Holotype (Cape Museum)

*Trachynotus 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)

hisrio Koch, 1955: 229

**Type data.** Holotype (Cape Museum)

lutulentus lutulentus (Péringuey, 1899: 301) *Trachynotus* [Koch, 1955: 222]

**Type data.** Holotype (Cape Museum)

lutulentus montis draconis 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)

tericola setulosus (Haag-Rutenberg, 1873: 31) *Trachynotus* [Koch, 1955: 216]

**Type data.** Syntypes (Munich Museum, Warsaw Museum)

**Notes.** Type deposition information after Koch (1955).

tericola tetricola (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))

*albus* 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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Supplementary material 1

Analysed distributional data in CSV format
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