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World Catalogue of Propalticidae, with a replacement name
for *Discogenia* Kolbe (Coleoptera: Cucujoidea)

Matthew L. Gimmel
402 Life Sciences Building
Louisiana State University AgCenter
Baton Rouge, Louisiana, 70803, USA

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World Catalogue of Propalticidae, with a replacement name
for *Discogenia* Kolbe (Coleoptera: Cucujoidea)

Matthew L. Gimmel
402 Life Sciences Building
Louisiana State University AgCenter
Baton Rouge, Louisiana, 70803, USA
phalacrid@gmail.com

Abstract. An annotated world catalogue and bibliography of the cucujoid family Propalticidae (Coleoptera) is presented. Each taxon is accompanied by a complete taxonomic history, including a full annotated synonymy with original references cited, and current location and status of primary types. The name *Slipinskogenia* **nom. nov.** is proposed to replace *Discogenia* Kolbe, 1897, junior homonym of *Discogenia* LeConte, 1866, resulting in 11 **new combinations**. A key is provided for separation of the two genera included in the family. Complete published and previously unpublished distributional data are given.

Introduction

The Propalticidae are a small family of cucujoid beetles whose members are limited in distribution to warm regions of the Old World. Specimens are not commonly collected and few are present in museums worldwide. Phylogenetically they are probably most closely related to the Laemophloeidae (and may in fact render the latter group paraphyletic), and this family is probably sister to the Phalacridae (Leschen et al. 2005; Hunt et al. 2007). Their natural history is poorly understood, but label data indicate that members of Propalticidae are generally found associated with bark of dead trees, and likely feed on fungal spores or hyphae. They have also been collected at lights and by beating vegetation. Their morphology and behavior is peculiar among the Coleoptera in that the prothorax is strengthened, possessing a median endocarina, and the front legs are modified for saltation. These are somewhat thicker and longer than the other legs and (in *Propalticus* Sharp, Fig. 1) possess a large flattened tibial spur.

Two genera are included in the family and 43 species have been described. A fossil from Kenyan amber dating from the Pliocene epoch was identified as *Propalticus* sp. by Krinsky (1985). Larvae associated with adults of *Propalticus simplex* Crowson and Sen Gupta were described (Crowson and Sen Gupta 1969) but these are likely misidentified (probably a *Cryptophilus* Reitter [Erotylidae] according to Lawrence [2010]), which led them to (incorrectly) suggest a close relationship with the Languriidae (now Languriinae of the Erotylidae, see Leschen et al. 2010). The most complete taxonomic treatment of the family was that of John (1960), who summarized information on all species described up to that time, including many new species descriptions. A few additional species have been described since (Kamiya 1964; Nakane 1966-1967; Crowson and Sen Gupta 1969; Sasaji 1971; Sen Gupta 1978).

Methods

The presence of primary types in their respective institutions was determined by the following methods (arranged from highest confidence to lowest confidence in presence): 1) types seen by me; 2) types checked by a curator in contact with me; 3) types listed in a type catalogue, either in print or in an online database; 4) type deposition mentioned in original publication; 5) types from a particular author known to be present in a particular institution. The superscript number after the institution coden corresponds to the number next to the methods listed (e.g., DEIC^{3,4} = type suspected to be in DEIC based on listings in a type catalogue and from mention in original publication). In cases where a curator has been unable to locate types in an implicated institution I have added “[NOT LOCATED]” to the entry.

Original orthography was reproduced for all synonymic entries. In cases where the entire binomial of a taxon mentioned in literature is not spelled out, square brackets [] are used to indicate the (assumed or implied) complete spelling of the name.

The name *Discogenia* Kolbe is preoccupied by *Discogenia* LeConte (1866: 117) of the Tenebrionidae (Coleoptera), the latter of which is generally treated as a subgenus of *Eleodes* Eschscholtz. The junior

homonym is given a replacement name, *Slipinskogenia* **nom. nov.**, in honor of my friend, colleague, and cucujoid systematics powerhouse, Adam Slipinski.

Museum codens (after Arnett et al. 1993, updated following Evenhuis 2009)

BMNH	The Natural History Museum, London, United Kingdom
DEIC	Deutsches Entomologisches Institut, Müncheberg, Germany
EIHU	Hokkaido University, Sapporo, Japan
FMNH	Field Museum of Natural History, Chicago, Illinois, USA
HNHM	Hungarian Natural History Museum, Budapest, Hungary
KUEC	Kyushu University, Fukuoka, Japan
MNHN	Muséum National d'Histoire Naturelle, Paris, France
NZSI	Zoological Survey of India, Calcutta, India
RMCA	Musée Royal de l'Afrique Centrale, Tervuren, Belgium
USNM	United States National Museum, Smithsonian Institution, Washington, DC, USA
ZMHB	Museum für Naturkunde of the Humboldt-Universität, Berlin, Germany

Key to genera of Propalticidae

1. Eyes posteriorly convergent dorsally on head; protibia with large spatulate spur; scutellum pointed behind; body form narrow ***Propalticus* Sharp**
- Eyes not posteriorly convergent dorsally on head; protibia with smaller, pointed spur; scutellum truncate behind; body form wider, nearly circular ***Slipinskogenia* Gimmel, nom. nov.**

Catalogue

PROPALTICIDAE Crowson, 1952

Propalticidae Crowson 1952: 117, 125 (keys and diagnoses of families of Coleoptera; first recognition of family).

Propalticidae: Crowson 1955: 95, 105 (keys and diagnoses of families of Coleoptera; notes on classification).

Propalticidae: John 1960: 149-151 (taxonomic history; habitat notes).

Propalticidae: Crowson and Sen Gupta 1969: 132-140 (taxonomic history; diagnosis; description; key to genera; first putative larva [later shown to be misidentified]; notes on relationships).

Propalticidae: Lawrence 1982: 527 (description of adults; notes on distribution, habitat, and habits).

Propalticidae: Lawrence 1991: 466 (notes on family and relationships).

Propalticidae: Lawrence and Britton 1994: 48, 126 (entry in key to Australian Coleoptera families; diagnosis; notes on presumed larva and habitat; note that Crowson and Sen Gupta's [1969] larva was misidentified).

Propalticidae: Lawrence 2010: 374-376 (notes on distribution, biology, morphology of adults, morphology of tentatively associated larva, phylogeny, and taxonomy).

TYPE GENUS. *Propalticus* Sharp, 1879.

DISTRIBUTION. Africa (west to at least Sierra Leone, east to Tanzania, south to Democratic Republic of the Congo, also Madagascar and Seychelles); southeast Asia from India and Sri Lanka east to Japan and New Guinea; Australia (Queensland) and New Caledonia north and east through Pacific Region to Hawaii and Marquesas Islands.

DIVERSITY. 2 genera, 43 species.

PROPALTICUS Sharp, 1879

Propalticus Sharp 1879: 88-90 (as genus of Mycetophagidae; description [in Latin]; discussion of characters).

TYPE SPECIES: *Propalticus oculatus* Sharp, 1879, fixed by monotypy.



Figure 1. Dorsal and ventral habitus of *Propalticus mixtocomatus* (John).

Propalticus: Scott in Sharp and Scott 1908: 420-421 (description; provisionally retained in Mycetophagidae).

Propalticus: Scott 1922: 253-254 (notes; description; provisionally retained in Mycetophagidae).

Propalticus: Zimmerman 1939: 321-322 (notes; possibly deserving new family placement).

Microloma John 1939: 294-296 (as genus of Notiophygidae; diagnosis [in Latin]; discussion of characters [in German]). [synonymized with *Propalticus* Sharp by John (1960: 155)]

TYPE SPECIES: *Microloma acupinctum* John, 1939, fixed by original designation.

Propalticus: Crowson 1952: 110 (fig. 102), 125 (moved to new family Propalticidae; illustration of prothorax ventrally).

Microloma: John 1954: 67, 69, plate 19 (removal from Notiophygidae; notes [in German]; catalogue of species; illustration of vestiture).

Propalticus: Crowson 1955: 88 (fig. 102), 105 (notes on classification; illustration of prothorax ventrally).

Microloma: John 1956: 67, 74 (notes; tentative transfer to Endomychidae: Mycetaeinae).

Propalticus: John 1960: 155-156 (recognition of placement in Propalticidae; catalogue entry; diagnosis [in Latin]).

Propalticus: Crowson and Sen Gupta 1969: 133, 135-140 (key to genera of Propalticidae; first larva; notes on relationships).

Propalticus: John 1971: 287 (catalogue entry; guide to Micronesian species).

Propalticus: Sasaji 1977: 1 (catalogue entry; checklist of Japanese species).

Propalticus: Sasaji 1985: 230 (key to Japanese species).

Propalticus: Krinsky 1985: 101-102, fig. 1 (presence in Kenyan amber; photograph of specimen in amber).

DISTRIBUTION. Africa (Cameroon [USNM, new country record], Democratic Republic of the Congo, Liberia [USNM, new country record], Madagascar, Nigeria [USNM, new country record], São Tomé and Príncipe, Seychelles); southeast Asia (India, Indonesia, Japan, Malaysia, Philippines [USNM, new country record], Sri Lanka, Vietnam); Pacific Region (Australia, Federated States of Micronesia, Guam, Hawaii, Marquesas Islands [USNM, new country record], Marshall Islands, New Caledonia, Northern Mariana Islands, Palau, Papua New Guinea, Samoa).

DIVERSITY. 32 species.

Propalticus acupinctus (John, 1939)

M[icroloma] acupinctum John 1939: 295 (textfig. 5), 296-297, plate I (figs. 1-4) (diagnosis [in Latin]; description [in German]; illustrations of antenna, dorsal and ventral habitus, elytral sculpturing, and procoxa; Sumatra).

[*Microloma*] *acupinctum*: John 1954: 69, plate 19 (fig. 2) (catalogue entry; outline of dorsal habitus).

Propalticus acupinctus: John 1960: 156, plate 1 (fig. 3) (transfer to *Propalticus* Sharp; catalogue entry; note on the type; illustrations of dorsal habitus, antenna, and elytral vestiture; Indonesia [Sumatra; Nias], Palau [Peleliu], Malaysia [West Sarawak]).

Propalticus acupinctus: John 1971: 289 (catalogue entry; notes on types and distribution).

TYPE LOCALITY. Sumatra, Indonesia. Deposition: DEIC^{3,4} (holotype, female).

DISTRIBUTION. Indonesia (Nias, Sumatra), Malaysia (Sarawak), Palau (Peleliu).

Propalticus africanus (John, 1956)

Microloma africanum John 1956: 74-75, plate 1 (fig. 1) (description [in German]; illustrations of dorsal habitus, head, antenna, and elytral vestiture; Democratic Republic of the Congo [Yangambi]).

Propalticus africanus: John 1960: 157 (transfer to *Propalticus* Sharp; catalogue entry; note on the type).

TYPE LOCALITY. Yangambi, Tshopo Province [“Stanleyville-Distrikt”], Democratic Republic of the Congo. Deposition: RMCA⁴ (holotype, female).

DISTRIBUTION. Democratic Republic of the Congo.

Propalticus bryanti John, 1960

Propalticus bryanti John 1960: 163-164, plate 3 (fig. 4) (description [in German]; illustration of dorsal habitus; Malaysia [Penang]).

TYPE LOCALITY. Penang, Malaysia. Deposition: BMNH^{3,4} (holotype).

DISTRIBUTION. Malaysia (Penang).

Propalticus crassiceps John, 1960

Propalticus crassiceps John 1960: 162, plate 5 (fig. 1) (description [in German]; illustrations of dorsal habitus, antenna, and scutellum; New Caledonia).

TYPE LOCALITY. 7 mi. SE of La Foa, New Caledonia. Deposition: FMNH^{1,4} (holotype).

DISTRIBUTION. New Caledonia.

Propalticus cuneiformis John, 1960

Propalticus cuneiformis John 1960: 163, plate 4 (fig. 5) (description [in German]; illustrations of dorsal habitus and scutellum; Indonesia [Sumatra]).

TYPE LOCALITY. Sumatra, Indonesia. Deposition: MNHN^{1,4} (holotype).

DISTRIBUTION. Indonesia (Sumatra).

Propalticus decoomani John, 1960

Propalticus decoomani John 1960: 168, plate 3 (fig. 3) (description [in German]; illustrations of dorsal habitus, antennal club, and elytron showing distribution of black setae; Vietnam [Tonkin]).

TYPE LOCALITY. Tonkin, Vietnam. Deposition: MNHN^{1,4} (holotype).

DISTRIBUTION. Vietnam.

Propalticus discogenioides John, 1960

Propalticus discogenioides John 1960: 169-170, plate 4 (fig. 3) (description [in German]; illustrations of dorsal habitus and antenna; Democratic Republic of the Congo [Kindu]).

TYPE LOCALITY. Kindu, Maniema Province, Democratic Republic of the Congo. Deposition: MNHN^{1,4} (holotype).

DISTRIBUTION: Democratic Republic of the Congo.

Propalticus doddi John, 1960

Propalticus doddi John 1960: 164, 167, plate 6 (fig. 2) (description [in German]; illustrations of dorsal habitus and antenna; Kuranda; Insel Kay).

Propalticus doddi: Crowson and Sen Gupta 1969: (figs. 1-3, 8, 9) (illustrations of head dorsally, prothorax ventrally, maxilla, pterothorax and abdomen ventrally, and protarsi).

TYPE LOCALITY. Kuranda, Queensland, Australia. Deposition: BMNH^{3,4} (6 syntypes).

DISTRIBUTION. Australia (Queensland), Indonesia (Kai Islands).

Propalticus dybasi John, 1960

Propalticus dybasi John 1960: 161-162, plate 3 (fig. 1) (description [in German]; illustrations of dorsal habitus, lateral habitus, and antennal club; Palau [Babeldaob; Koror]).

Propalticus dybasi: John 1971: 293, plate 1 (fig. 3) (catalogue entry; redescription [in German]; notes on distribution; illustrations of dorsal habitus, lateral habitus, and antennal club; Palau [Peleliu]; Micronesia [Pohnpei]).

TYPE LOCALITY. Babeldaob or Koror, Palau (not made clear in original publication). Deposition. USNM⁴ (holotype) [NOT LOCATED].

DISTRIBUTION. Federated States of Micronesia (Pohnpei), Palau (Babeldaob, Koror, Peleliu).

Propalticus indicus Sen Gupta, 1978

Propalticus indicus Sen Gupta 1978: 81-82, fig. 1 (description; notes on identification; illustration of dorsal habitus; India [Sikkim]).

TYPE LOCALITY. Singtam, Sikkim, India. Deposition: NZSI⁴ (holotype).

DISTRIBUTION. India (Sikkim).

Propalticus inflatus (John, 1943)

Microlooma inflatum John 1943: 132-133 (figs. 1-3) (description [in German]; illustrations of dorsal habitus and female genitalia; Papua New Guinea [Sattelberg, Huon Gulf]).

[*Microlooma*] *inflatum*: John 1954: 69 (catalogue entry).

Propalticus inflatus: John 1960: 156-157, plate 2 (fig. 4) (transfer to *Propalticus* Sharp; catalogue entry; note on the type; illustration of dorsal habitus).

TYPE LOCALITY. Sattelberg, Morobe Province, Papua New Guinea. Deposition: HNHM^{3,4} (holotype, female).

DISTRIBUTION. Papua New Guinea.

Propalticus insularis John, 1960

Propalticus insularis John 1960: 157, plate 5 (fig. 2) (description [in German]; illustrations of dorsal habitus, antenna, pronotal vestiture, and elytral vestiture showing variation; Micronesia [Chuuk; Kosrae; Pohnpei; Ulithi; Yap]; Palau [Babeldaob; Koror; Peleliu]; Northern Mariana Islands [Saipan]; Marshall Islands [Arno Atoll; Enewetak]).

Propalticus insularis: John 1971: 291, plate 2 (fig. 2) (catalogue entry; redescription [in German]; notes on distribution; illustrations of dorsal habitus, antenna, pronotal and elytral vestiture; Marshall Islands [Jaluit Atoll]).

TYPE LOCALITY. Not made clear in original publication. Deposition: USNM⁴ (holotype) [NOT LOCATED].

DISTRIBUTION. Federated States of Micronesia (Chuuk, Kosrae, Pohnpei, Ulithi, Yap), Marshall Islands (Arno, Enewetak, Jaluit), Northern Mariana Islands (Saipan), Palau (Babeldaob, Koror, Peleliu).

Propalticus jansoni Sharp, 1882

Propalticus jansoni Sharp 1882: 32, plate 2 (fig. 1) (description [in Latin]; line drawing of dorsal habitus; New Guinea).

Propalticus Jansoni: Hetschko 1930: 21 (catalogue entry; New Guinea).

Propalticus[*lapsus calami*] *jansoni*: John 1960: 156, plate 2 (fig. 1) (catalogue entry; note on the type; illustration of dorsal habitus).

TYPE LOCALITY. "New Guinea". Deposition: BMNH^{3,4} (holotype).

DISTRIBUTION: New Guinea.

Propalticus japonicus Nakane, 1966

Propalticus japonicus Nakane 1966: 64-65 (description; Japan [Komanoyu]).

P[ropalticus] japonicus: Sasaji 1977: 1 (catalogue entry).

P[ropalticus] japonicus: Sasaji 1985: 230 (key entry).

TYPE LOCALITY. Komanoyu, Kiso, Honshu, Japan. Deposition: EIHU⁵ (holotype).

DISTRIBUTION. Japan (Honshu).

Propalticus kiuchii Sasaji, 1971

Propalticus kiuchii Sasaji 1971: 37-38, fig. 1 (description; illustrations of dorsal habitus and antenna; Japan [Shikoku]).

P[ropalticus] kiuchii: Sasaji 1977: 1 (catalogue entry).

Propalticus kiuchii: Sasaji 1985: 229-230, plate 37 (fig. 16) (checklist entry; key entry; illustration of dorsal habitus in color).

TYPE LOCALITY. Omogo Valley, Ehime Prefecture, Shikoku, Japan. Deposition: KUEC⁴ (holotype, male).

DISTRIBUTION. Japan (Shikoku).

Propalticus madagascariensis John, 1960

Propalticus madagascariensis John 1960: 162-163, plate 4 (fig. 1) (description [in German]; illustrations of dorsal habitus, elytra showing variation, and scutellum; Madagascar).

TYPE LOCALITY. Antananarivo, Madagascar. Deposition: BMNH⁴ (holotype).

DISTRIBUTION. Madagascar.

Propalticus mixtocomatus (John, 1939) (Figure 1)

M[icroloma] mixtocomatum John 1939: 297, figs. 1-4, plate I (figs. 7, 8) (diagnosis [in Latin]; description [in German]; illustrations of labium, maxilla, mandible, labium, dorsal habitus, and elytral sculpturing; Sri Lanka).

[Microloma] mixtocomatum: John 1954: 69, plate 20 (figs. 1-8) (catalogue entry; illustrations of proleg, mesocoxa, metasternum, metacoxa, abdominal ventrite I, outline of pterothorax and abdomen ventrally, hindbody with aedeagal position, and aedeagus).

Propalticus mixtocomatus: John 1960: 156, plate 6 (fig. 1) (transfer to *Propalticus* Sharp; catalogue entry; note on the type; illustrations of dorsal habitus of male and female in copula, female abdomen with ovipositor, female and male genitalia, male abdomen with aedeagus, and metanotum with hindwing attached; Vietnam [Hoa Binh], India [Madurai], Indonesia [Sumatra]).

Propalticus mixtocomatus: Aston 2009: 38-39, figs. 1-3 (new record and observations on habits; color dorsal habitus photographs; China [Hong Kong]).

TYPE LOCALITY. Weligama, Sri Lanka. Deposition: DEIC³ (2 syntypes, females).

DISTRIBUTION. China, India, Indonesia (Sumatra), Sri Lanka, Vietnam.

Propalticus morimotoi Kamiya, 1964

Propalticus morimotoi Kamiya 1964: 281-283, fig. 1 (description; illustration of dorsal habitus; Japan [Iriomote Island]).

P[ropalticus] morimotoi: Sasaji 1977: 1 (catalogue entry).

P[ropalticus] morimotoi: Sasaji 1985: 230 (key entry).

TYPE LOCALITY. Ushiku-mori, Iriomote Island, Japan. Deposition: KUEC^{3,4} (holotype, female).

DISTRIBUTION. Japan (Iriomote Island).

Propalticus oculatus Sharp, 1879

Propalticus oculatus Sharp 1879: 88-90 (description [in Latin]; discussion of characters; beaten from trees; Hawaii [Oahu; Maui; Kauai]).

Propalticus oculatus: Scott in Sharp and Scott 1908: 421, plate XVI (figs. 12-14) (notes on characters; illustrations of dorsal habitus, antenna, and protibial apex and protarsus; Hawaii [Hawaii]).

Propalticus oculatus: Scott 1922: 255-256, fig. 7b (comparison with *P. sechellarum* Scott; illustration of antenna).

Propalticus oculatus: Hetschko 1930: 21 (catalogue entry).

Propalticus oculatus: Zimmerman 1939: 322, 323 (fig. 1d) (diagnosis; notes; outline of dorsal habitus; Hawaii [all main islands]; Samoa).

Propalticus oculatus: John 1960: 156, plate 2 (fig. 2) (notes on the type and additional specimens; Guam, Northern Mariana Islands [Saipan; Tinian]; illustration of dorsal habitus and elytra showing variation).

Propalticus oculatus: John 1971: 287, 289, plate 1 (fig. 2) (catalogue entry; notes on types and distribution; illustrations of dorsal habitus and elytra showing variation).

TYPE LOCALITY. various localities on Oahu, Maui, and Kauai, Hawaii, United States (locality not yet restricted by lectotype designation). Deposition: BMNH^{3,4} (syntypes).

DISTRIBUTION. Guam, Hawaii (Kauai, Maui, Oahu), Northern Mariana Islands (Saipan, Tinian), Samoa.

Propalticus ryukyuensis Kamiya, 1964

Propalticus ryukyuensis Kamiya 1964: 283-285, fig. 2 (description; illustration of dorsal habitus; Japan [Iriomote Island; Ishigaki Island]).

Propalticus ryukyuensis: Sasaji 1977: 1 (catalogue entry).

Propalticus ryukyuensis: Sasaji 1985: 230, plate 37 (fig. 17) (checklist entry; key entry; illustration of dorsal habitus in color).

TYPE LOCALITY. Ushiku-mori, Iriomote Island, Japan. Deposition: KUEC^{3,4} (holotype, male).

DISTRIBUTION. Ryukyu Islands (Iriomote, Ishigaka).

Propalticus saipanensis John, 1960

Propalticus saipanensis John 1960: 158, plate 5 (fig. 5) (description [in German]; illustrations of dorsal habitus and antenna; Northern Mariana Islands [Saipan]).

Propalticus saipanensis: John 1971: 292, plate 2 (fig. 5) (catalogue entry; redescription [in German]; notes on distribution; illustrations of dorsal habitus and antenna).

TYPE LOCALITY. Saipan, Northern Mariana Islands. Deposition: KUEC⁴ (holotype).

DISTRIBUTION. Northern Mariana Islands (Saipan).

Propalticus santhomeae John, 1960

Propalticus santhomeae John 1960: 169, plate 4 (fig. 2) (description [in German]; illustrations of dorsal habitus and pronotum showing setal arrangement; São Tomé).

TYPE LOCALITY. São Tomé. Deposition: MNHN^{1,4} (holotype).

DISTRIBUTION. São Tomé and Príncipe (São Tomé).

Propalticus sarawakensis John, 1960

Propalticus sarawakensis John 1960: 164, plate 3 (fig. 2) (description [in German]; illustrations of dorsal habitus and antennal club; Malaysia [Sarawak]; Indonesia [Sumatra]; Palau [Koror]).

Propalticus sarawakensis: John 1971: 294, plate 1 (fig. 4) (catalogue entry; redescription [in German]; notes on distribution; illustrations of dorsal habitus and antennal club).

TYPE LOCALITY. Mount Matang, Sarawak, Malaysia. Deposition: BMNH^{3,4} (holotype).

DISTRIBUTION. Indonesia (Sumatra), Malaysia (Sarawak), Palau (Koror).

Propalticus scriptitatus John, 1960

Propalticus scriptitatus John 1960: 157-158, plate 5 (fig. 4) (description [in German]; illustrations of dorsal habitus and antenna; Guam).

Propalticus scriptitatus: John 1971: 291-292, plate 2 (fig. 4) (catalogue entry; redescription [in German]; notes on distribution; illustrations of dorsal habitus and antenna).

TYPE LOCALITY. Guam. Deposition: FMNH^{1,4} (6 syntypes).

DISTRIBUTION. Guam.

Propalticus sechellarum Scott, 1922

Propalticus sechellarum Scott 1922: 255-256, fig. 7a (description [in Latin]; discussion of characters; illustration of antenna; Seychelles [Silhouette; Mahé]).

Propalticus sechellarum: Hetschko 1930: 21 (catalogue entry).

Propalticus sechellarum: John 1960: 156, plate 2 (fig. 3) (catalogue entry; note on the type; illustration of dorsal habitus).

TYPE LOCALITY. Silhouette and Mahé, Seychelles (locality not yet restricted by lectotype designation). Deposition: BMNH^{3,4} (7 syntypes).

DISTRIBUTION. Seychelles.

Propalticus sierraleonis John, 1960

Propalticus sierraleonis John 1960: 168-169, plate 4 (fig. 4) (description [in German]; illustrations of dorsal habitus and antenna; Sierra Leone).

TYPE LOCALITY. Sierra Leone. Deposition: MNHN^{1,4} (holotype).

DISTRIBUTION. Sierra Leone.

Propalticus simplex Crowson and Sen Gupta, 1969

Propalticus simplex Crowson and Sen Gupta 1969: 134-136 (figs. 10, 12-20) (description; description of supposed larva [a misidentified *Cryptophilus* according to Lawrence (2010)]; illustrations of

adult elytron and larval pronotum, claw, third abdominal spiracle, head dorsally, antenna, posterior abdominal segments dorsally, mandible, maxilla, and ocelli; Australia [Queensland]).

Propalticus simplex: Lawrence and Britton 1994: fig. 47F (illustration of dorsal habitus).

Propalticus simplex: Lawrence 2010: fig. 10.21.1 (illustration of dorsal habitus).

TYPE LOCALITY. Boombana National Park, Queensland, Australia. Deposition: BMNH^{3,4} (holotype).

DISTRIBUTION. Australia (Queensland).

***Propalticus striatus* John, 1960**

Propalticus striatus John 1960: 163, plate 3 (fig. 5) (description [in German]; illustrations of dorsal habitus, antennal club, and elytron showing distribution of black setae; Malaysia [Penang]).

TYPE LOCALITY. Penang, Malaysia. Deposition: BMNH⁴ (holotype).

DISTRIBUTION. Malaysia (Penang).

***Propalticus tonkinensis* John, 1960**

Propalticus tonkinensis John 1960: 167-168, plate 2 (fig. 5) (description [in German]; comparison with *Propalticus oculatus* Sharp; illustrations of dorsal habitus, antenna, and thorax ventrally; Vietnam [Tonkin]).

TYPE LOCALITY. Tonkin, Vietnam. Deposition: MNHN^{1,4} (holotype).

DISTRIBUTION. Vietnam.

***Propalticus ulimanganus* John, 1960**

Propalticus ulimanganus John 1960: 158, 161, plate 5 (fig. 3) (description [in German]; illustrations of dorsal habitus and antennal club; Palau [Babeldaob; Koror]).

Propalticus ulimanganus: John 1971: 292-293, plate 2 (fig. 3) (catalogue entry; redescription [in German]; notes on distribution; illustrations of dorsal habitus and antenna).

TYPE LOCALITY. Babeldaob or Koror, Palau (not made clear in original publication). Deposition: USNM⁴ (holotype) [NOT LOCATED].

DISTRIBUTION. Palau (Babeldaob, Koror).

***Propalticus virgatus* (John, 1939)**

M[icroloma] virgatum John 1939: 295 (textfig. 6), 297, plate I (figs. 5, 6) (diagnosis [in Latin]; description [in German]; illustrations of antenna, dorsal habitus, and elytral sculpturing; Indonesia [Sumatra]).

[Microloma] virgatum: John 1954: 69 (catalogue entry).

Propalticus virgatus: John 1960: 156 (transfer to *Propalticus* Sharp; catalogue entry; note on the type).

TYPE LOCALITY. Sumatra, Indonesia. Deposition: DEIC^{3,4} (holotype, female).

DISTRIBUTION. Indonesia (Sumatra).

***Propalticus wainganus* John, 1969**

Propalticus wainganus John 1969: 121-122, fig. 1 (description [in German]; illustrations of dorsal habitus, head, elytral vestiture, pterothorax and abdomen ventrally, terminal antennomere, and antenna; Papua New Guinea [Lae]).

TYPE LOCALITY. Lae, Morobe Province, Papua New Guinea. Deposition: HNHM^{3,4} (holotype, female).

DISTRIBUTION. Papua New Guinea.

SLIPINSKOGENIA, nom. nov.

Discogenia Kolbe 1897: 112 (description [in German]; as genus of Colydiidae).

TYPE SPECIES. *Discogenia disciformis* Kolbe, 1897, fixed by monotypy.

Discogenia: John 1939: 294 (transfer to Notiophygidae [=Discolomatidae]).

Discogenia: John 1940: 257-259 (diagnosis [in Latin]; redescription [in German]; division into two species groups).

Discogenia: John 1942: 401 (discussion of diagnostic characters).

Discogenia: John 1954: 66, 69, plate 19 (fig. 9) (removal from Notiophygidae; notes [in German]; catalogue of species, illustration of vestiture).

Discogenia: John 1956: 67, 72 (notes; tentative transfer to Endomychidae: Mycetaeinae).

Discogenia: John 1960: 151 (transfer to Propalticidae; catalogue entry; diagnosis [in Latin]; notes on species groups [in German]).

Discogenia: Crowson and Sen Gupta 1969: 133, 134 (figs. 4, 11) (key to genera of Propalticidae; illustration of head dorsally and aedeagus).

DISTRIBUTION. Known only from continental Africa (Democratic Republic of the Congo, Equatorial Guinea, Gabon, Sierra Leone, Tanzania, Togo).

DIVERSITY. 11 species.

Slipinskogenia bilineata* (John, 1942), **comb. nov.*

D[iscogenia] bilineata John 1942: 404-405, plate 12 (figs. 1, 2), plate 14 (7-9, 14) (diagnosis [in Latin]; description [in German]; illustrations of dorsal habitus, elytral sculpturing, male genitalia, and antennal club; Democratic Republic of the Congo [Haut-Uélé]).

[Discogenia] bilineata: John 1954: 69 (catalogue entry).

Discogenia bilineata: John 1960: 152 (catalogue entry; note on the type).

TYPE LOCALITY. Moto, Haut-Uélé, Democratic Republic of the Congo. Deposition: RMCA⁴ (holotype, male).

DISTRIBUTION. Democratic Republic of the Congo.

Slipinskogenia burgeoni* (John, 1942), **comb. nov.*

D[iscogenia] burgeoni John 1942: 402-403, plate 12 (figs. 4, 5), plate 13 (figs. 4-6) (diagnosis [in Latin]; description [in German]; illustrations of dorsal habitus, elytral sculpturing, male genitalia, head, and scutellum; Democratic Republic of the Congo [Haut-Uélé]).

[Discogenia] burgeoni: John 1954: 69 (catalogue entry).

Discogenia burgeoni: John 1960: 152 (catalogue entry; note on the type).

TYPE LOCALITY. Moto, Haut-Uélé, Democratic Republic of the Congo. Deposition: RMCA⁴ (holotype, male).

DISTRIBUTION. Democratic Republic of the Congo.

Slipinskogenia decemarticulata* (John, 1960), **comb. nov.*

Discogenia decemarticulata John 1960: 152, 155, plate 1 (fig. 1) (description [in German]; illustrations of dorsal habitus, antenna, lateral habitus, procoxae and prosternal process, labrum, mandible, maxillae, and labrum; Gabon [Lambaréné]).

TYPE LOCALITY. Lambaréné, Gabon. Deposition: MNHN⁴ (holotype, female).

DISTRIBUTION. Gabon.

Slipinskogenia disciformis* (Kolbe, 1897), **comb. nov.*

Discogenia disciformis Kolbe 1897: 113 (description [in German]; "Usambara, Derema").

Discogenia disciformis: John 1940: 259, 260 (fig. 1), plate 5 (figs. 1, 2, 7), plate 6 (figs. 1-5) (redescription [in German]; illustrations of labrum, mandibles, labium, maxillae, procoxae, dorsal habitus, pronotal and elytral sculpturing, and scutellum).

[Discogenia] disciformis: John 1954: 69 (catalogue entry).

[Discogenia] disciformis: John 1956: 72 (note that type was destroyed in World War II).

Discogenia disciformis: John 1960: 151 (catalogue entry; note on the type).

TYPE LOCALITY. Derema, Usambara Mountains, Tanzania. Deposition: ZMHB (holotype, female, destroyed).

DISTRIBUTION. Tanzania.

Slipinskogenia disposita* (John, 1940), **comb. nov.*

Discogenia disposita John 1940: 262, plate 5 (figs. 5, 6), plate 6 (fig. 8) (diagnosis [in Latin]; description [in German]; illustrations of dorsal habitus, pronotal and elytral sculpturing, and male genitalia; Togo).

D[iscogenia] disposita: John 1942: 401-402, plate 12 (fig. 3), plate 13 (figs. 2, 3) (notes [in German]; illustrations of elytron, female genitalia, and head; Democratic Republic of the Congo [Likimi; Haut-Uélé; Bas-Uélé; Kabambaie], Equatorial Guinea ["Spanisch Guinea"]).

[Discogenia] disposita: John 1954: 69 (catalogue entry).

Discogenia disposita: John 1956: 73 (additional specimens; Democratic Republic of the Congo [Yangambi]).

Discogenia disposita: John 1960: 151-152 (catalogue entry; note on the type).

TYPE LOCALITY. Togo. Deposition: DEIC^{3,4} (holotype, male).

DISTRIBUTION. Democratic Republic of the Congo, Equatorial Guinea, Togo.

Slipinskogenia donisi (John, 1956), **comb. nov.**

Discogenia Donisi John 1956: 73-74, plate 1 (fig. 2) (description [in German]; illustrations of dorsal habitus, head, antenna, and elytral vestiture; Democratic Republic of the Congo).

Discogenia donisi: John 1960: 152 (catalogue entry; note on the type).

TYPE LOCALITY. Yangambi, Tshopo ["Stanleyville-Distrikt"], Democratic Republic of the Congo. Deposition: RMCA⁴ (holotype, female).

DISTRIBUTION. Democratic Republic of the Congo.

Slipinskogenia hargreavesi (John, 1960), **comb. nov.**

Discogenia hargreavesi John 1960: 155, plate 1 (fig. 2) (description [in German] of prothorax, prolegs, and head with antennae [remainder of specimen missing]; illustrations of head and pronotum dorsally, antenna, and protarsus; Sierra Leone [Njala]).

TYPE LOCALITY. Njala, Sierra Leone. Deposition: BMNH⁴ (holotype, sex unknown [only head, prothorax, and prolegs remain]).

DISTRIBUTION. Sierra Leone.

Slipinskogenia latipenis (John, 1942), **comb. nov.**

D[iscogenia] latipenis John 1942: 404, plate 14 (figs. 3, 4, 13) (diagnosis [in Latin]; description [in German]; illustrations of male genitalia and antennal club; Democratic Republic of the Congo [Lukombe]).

[Discogenia] latipenis: John 1954: 69 (catalogue entry).

Discogenia latipennis[*lapsus calami*]: John 1960: 152 (catalogue entry; notes on the type).

TYPE LOCALITY. Lukombe, Bandundu Province, Democratic Republic of the Congo. Deposition: RMCA⁴ (holotype, male).

DISTRIBUTION. Democratic Republic of the Congo.

Slipinskogenia pulchripicta (John, 1942), **comb. nov.**

D[iscogenia] pulchripicta John 1942: 405, plate 12 (figs. 8-11), plate 14 (figs. 5, 6, 12) (diagnosis [in Latin] and description [in German]; illustrations of dorsal habitus, sculpturing, clypeus, female genitalia, and antennal club; Democratic Republic of the Congo [Haut-Uélé]).

[Discogenia] pulchripicta: John 1954: 69 (catalogue entry).

Discogenia pulchripicta: John 1960: 152 (catalogue entry; note on the type).

TYPE LOCALITY. Moto, Haut-Uélé, Democratic Republic of the Congo. Deposition: RMCA⁴ (holotype, female).

DISTRIBUTION. Democratic Republic of the Congo.

Slipinskogenia schoutedeni (John, 1942), **comb. nov.**

D[iscogenia] schoutedeni John 1942: 403-404, plate 12 (figs. 6, 7), plate 14 (figs. 1, 2, 11) (diagnosis [in Latin]; description [in German]; illustrations of dorsal habitus, elytral sculpturing, male genitalia, and antenna; Democratic Republic of the Congo).

[Discogenia] schoutedeni: John 1954: 69 (catalogue entry).

Discogenia Schoutedeni: John 1956: 73 (additional specimens; Democratic Republic of the Congo [Yangambi]).

Discogenia schoutedeni: John 1960: 152 (catalogue entry; note on the type; Democratic Republic of the Congo [Rwankwi], Equatorial Guinea [Mong]).

TYPE LOCALITY. Moto, Haut-Uélé, and Kamambaie, Democratic Republic of the Congo [locality not yet restricted by lectotype designation]. Deposition: RMCA⁴ (3 syntypes) and DEIC^{3,4} (1 syntype) [depository not yet restricted by lectotype designation].

DISTRIBUTION. Democratic Republic of the Congo, Equatorial Guinea.

Slipinskogenia trilineata (John, 1940), **comb. nov.**

Discogenia trilineata John 1940: 259-262 (fig. 2), plate 5 (figs. 3, 4, 8), plate 6 (figs. 6, 7) (diagnosis [in Latin]; description [in German]; illustrations of mandible, labium, maxilla, dorsal habitus, pronotal and elytral sculpturing, scutellum, ventral structures, and antenna; Togo).

D[iscogenia] trilineata: John 1942: 402, plate 13 (figs. 7, 8), plate 14 (fig. 10) (first male; notes [in German]; illustrations of male genitalia, antenna, and hindwing; Democratic Republic of the Congo [Haut-Uélé]).

[Discogenia] trilineata: John 1954: 69, plate 19 (fig. 1) (catalogue entry; outline of dorsal habitus).

Discogenia trilineata: John 1956: 72-73 (additional specimens; Democratic Republic of the Congo [Yangambi]).

Discogenia trilineata: John 1960: 151 (catalogue entry; notes on the type).

TYPE LOCALITY. Togo. Deposition: DEIC^{3,4} (holotype, female).

DISTRIBUTION. Democratic Republic of the Congo, Togo.

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Literature cited

- Arnett, Ross H., Jr., G. Allan Samuelson, and Gordon N. Nishida. 1993.** The insect and spider collections of the world (second edition). Flora and Fauna Handbook No. 11. Sandhill Crane Press; Gainesville, FL. 310 p.
- Aston, Paul. 2009.** Propalticidae (Coleoptera: Phytophaga[sic]: Cucujoidea) a new family for Hong Kong and China. Hong Kong Entomological Bulletin 1(2): 38-39.
- Crowson, Roy A. 1952.** The classification of the families of British Coleoptera. The Entomologist's Monthly Magazine 88: 109-132.
- Crowson, Roy A. 1955.** The natural classification of the families of Coleoptera. Nathaniel Lloyd & Co.; London. 187 p.
- Crowson, Roy A., and Tapan Sen Gupta. 1969.** The systematic position of Propalticidae and of *Carinophloeus* Lefkovitch (Coleoptera, Clavicornia) with description of a new species of *Propalticus* and of its supposed larva. Proceedings of the Royal Entomological Society of London (B) 38: 132-140.
- Evenhuis, Neal L. 2009.** Abbreviations for insect and spider collections of the world. <<http://hbs.bishopmuseum.org/codens/codens-inst.html>>. Last accessed 30 October 2010.
- Hetschko, Alfred. 1930.** Coleopterorum Catalogus. Pars 108: Phalacridae, Mycetophagidae, Tretothoracidae, Jacobsoniidae, Cavicoxumidae, Gnostidae. Ed. S. Schenkling. W. Junk; Berlin. 76 p.
- Hunt, Toby, Johannes Bergsten, Zuzana Levkanicova, Anna Papadopoulou, Oliver St. John, Ruth Wild, Peter M. Hammond, Dirk Ahrens, Michael Balke, Michael S. Caterino, Jesús Gómez-Zurita, Ignacio Ribera, Timothy G. Barraclough, Milada Bocakova, Ladislav Bocak, and Alfred P. Vogler. 2007.** A comprehensive phylogeny of beetles reveals the evolutionary origins of a superradiation. Science 318: 1913-1916.
- John, Hans. 1939.** *Microlooma* n. gen. (Notiophygidae Col.). Entomologische Blätter (Krefeld) 35: 294-297.
- John, Hans. 1940.** *Discogenia* und *Cassidoloma* Kolbe, zwei wenig bekannte Genera der Notiophygidae aus Afrika, nebst Beschreibungen neuer Arten. (Coleoptera: Notiophygidae). Arbeiten über Morphologische und Taxonomische Entomologie aus Berlin-Dahlem 7: 257-269.
- John, Hans. 1942.** Fünf neue Species der Gattung *Discogenia* Kolbe. Revue de Zoologie et de Botanique Africaines 35: 401-407, plates XII-XIV.
- John, Hans. 1943.** Eine neue spezie von *Microlooma* John (Coleopt.). Annales Historico-Naturales Musei Nationalis Hungarici 36: 132-133.
- John, Hans. 1954.** Familiendiagnose der Notiophygidae (= Discolomidae, Col.). Entomologische Blätter (Krefeld) 50: 9-75.

- John, Hans. 1956.** Neue Spezies der Gattungen *Cassidoloma* Kolbe, *Aphanocephalus* Wollaston (Coleoptera Discolomidae = Notiophygidae), *Discogenia* Kolbe und *Microlooma* John (Coleoptera Mycetaeinae?). *Revue de Zoologie et de Botanique Africaines* 54: 67-76, pl. I-III.
- John, Hans. 1960.** Eine Übersicht über die Familie Propalticidae (Col.). *Pacific Insects* 2: 149-170.
- John, Hans. 1969.** Neue Arten der Familien Discolomidae und Propalticidae (Coleoptera) aus den Aufsammlungen ungarischer Expeditionen. *Opuscula Zoologica (Budapest)* 9(1): 121-125.
- John, Hans. 1971.** Coleoptera: Propalticidae. *Insects of Micronesia* 16(7): 287-294.
- Kamiya, Hiroyuki. 1964.** Discovery of the family Propalticidae in the Ryukyus (Coleoptera, Cucujoidea-Clavicornia). *Kontyû* 32(2): 281-285.
- Kolbe, Hermann. 1897.** Die Käfer Deutsch-Ost-Afrikas. Dietrich Reimer; Berlin. 367 p., 4 pl.
- Krinsky, William L. 1985.** A *Propalticus* species in Kenyan amber (Coleoptera: Propalticidae). *The Coleopterists Bulletin* 39(2): 101-102.
- Lawrence, John F. 1982.** Coleoptera. p. 482-553. *In:* Sybil P. Parker (ed.). *Synopsis and Classification of Living Organisms*. Vol. 2. McGraw-Hill; New York. 1232 p.
- Lawrence, John F. 1991.** Propalticidae (Cucujoidea). p. 466. *In:* Frederick W. Stehr (ed.). *Immature Insects*. Volume 2. Kendall/Hunt; Dubuque, Iowa. 975 p.
- Lawrence, John F. 2010.** Family 10.21. Propalticidae. p. 374-376. *In:* Richard A. B. Leschen, Rolf G. Beutel, and John F. Lawrence (eds.). *Handbook of Zoology*. Band IV, Teilband 38, vol. 2. De Gruyter; Berlin. xiii + 786 p.
- Lawrence, John F., and Everard B. Britton. 1994.** *Australian Beetles*. Melbourne University Press; Carlton, Victoria. x + 192 p.
- LeConte, John L. 1866.** New species of North American Coleoptera. Prepared for the Smithsonian Institution. Part I [continued from 1863]. *Smithsonian Miscellaneous Collections* 6(167): 87-177.
- Leschen, Richard A.B., John F. Lawrence, and S. Adam Slipinski. 2005.** Classification of basal Cucujoidea (Coleoptera: Polyphaga): cladistic analysis, keys and review of new families. *Invertebrate Systematics* 19: 17-73.
- Leschen, Richard A.B., Paul E. Skelley, and Joseph V. McHugh. 2010.** Family 10.7. Erotylidae. p. 311-319. *In:* Richard A. B. Leschen, Rolf G. Beutel, and John F. Lawrence (eds.). *Handbook of Zoology*. Band IV, Teilband 38, vol. 2. De Gruyter; Berlin. xiii + 786 p.
- Nakane, Takehiko. 1966-1967.** New or little-known Coleoptera from Japan and its adjacent regions, XXIV. *Fragmenta Coleopterologica* 16(1966): 64-66, 17(1967): 67-69.
- Sasaji, Hiroyuki. 1971.** A new *Propalticus*-species of Japan (Coleoptera: Propalticidae). *Kontyû* 39(1): 37-38.
- Sasaji, Hiroyuki. 1977.** Family Propalticidae. Check-list of Coleoptera of Japan 1(12): 1.
- Sasaji, Hiroyuki. 1985.** Propalticidae. p. 229-230. *In:* Yoshihiko Kurosawa, Sadanari Hisamatsu and Hiroyuki Sasaji (eds.). *The Coleoptera of Japan in color*. Volume III. Hoikusha Publishing Co.; Osaka. 500 p.
- Scott, Hugh. 1922.** No. 4. Coleoptera: Scydmaenidae, Scaphidiidae, Phalacridae, Cucujidae (supplement), Lathridiidae, Mycetophagidae (including *Propalticus*), Bostrychidae, Lyctidae. The Percy Sladen Trust Expedition to the Indian Ocean in 1905 under the leadership of Mr. J. Stanley Gardner, M.A. Vol. 7. *The Transactions of the Linnean Society of London* (2nd series, Zoology) 18: 195-260, pl. 19-22.
- Sen Gupta, Tapan. 1978.** Discovery of the family Propalticidae (Coleoptera) from India, with description of a new species of *Propalticus*. *Oriental Insects* 12(1): 81-83.
- Sharp, David. 1879.** On some Coleoptera from the Hawaiian Islands. *Transactions of the Entomological Society of London* 1879: 77-105.
- Sharp, David. 1882.** On a new species of *Propalticus* from New Guinea. *Cistula Entomologica* 3: 31-32, pl. II.
- Sharp, David, and Hugh Scott. 1908.** Coleoptera IV. Coleoptera (various). *Fauna Hawaiiensis* 3(3): 367-579, pl. XIII-XVI.
- Zimmerman, Elwood C. 1939.** A review of the Hawaiian Mycetophagidae (Coleoptera). *Proceedings of the Hawaiian Entomological Society* 10: 321-324.

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