

A check-list of the subfamily Panagaeinae Hope, 1838 of the World (Coleoptera: Carabidae)

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Abstract. In this checklist of the subfamily Panagaeinae (Coleoptera: Carabidae) we summarize taxonomic data including synonyms, type localities and geographic distributions of all listed species described up to July 2012.

The subfamily (or according to various authors “group of tribes”) includes in this work the following tribes: Bascanini Basilewsky, 1953a, Brachygnathini Basilewsky, 1946, Panagaeini Bonelli, 1810 and Peleciini Chaudoir, 1880, together divided into 29 genera and 375 species.

INTRODUCTION

The family Carabidae (Coleoptera: Adepnaga) contains more than 35 000 species and is one of the most successful groups of beetles found in all geographic regions and environments with the exception of polar areas.

After a positive response to the catalogue of the tribe Broscini Hope, 1838 (Häkel, Farkač & Wrase 2010), we decided to continue publishing such catalogues and chose next to compile another less frequented subfamily, the Panagaeinae Hope, 1838. The species of this subfamily inhabit mainly tropical regions (Ethiopian, Neotropical, Oriental and tropical part of Australia), but distributions of some representatives of the tribe Panagaeini Bonelli, 1810 (namely the genera *Dischissus*, *Micrixys*, *Microcosmodes*, *Panagaeus*, *Peronomerus* and *Tinoderus*) often extend into the Holarctic region, with the highest diversity outside of the tropics recorded in the eastern part of the Palearctic subregion. Representatives of the subtribe Agonicina Sloane, 1920 (genera *Agonica*, *Pseudagonica*) inhabit exclusively the southern part of the Australian region.

Most species of Panagaeinae are alate, but some are apterous (e.g. *Cintaroa* Kasahara, 1989); most are nocturnal, and as most carabids are predaceous. Most species emit a characteristic odor, including both central European species of the genus *Panagaeus* Latreille, 1802. The most speciose genus is *Craspedophorus* Hope, 1838 represented in tropical regions of three continents (the catalogue lists 151 species). It apparently is a collective genus with a complex and so far unresolved infrageneric structure. Because of tropical forest habitats, some species of this genus are known from only one or few specimens, their museum holdings often remain unpublished and may include new species. The tribe Peleciini Chaudoir, 1880 was

recently monographed (Straneo & Ball 1989), our catalogue uses the published information and supplements it by adding Ethiopian and Oriental taxa. Currently the subfamily as a whole contains 374 species in 29 genera and four tribes (including two subtribes).

The system of catalogization is similar to the first catalogue, with several exceptions*. Valid taxa are in boldface italics and names of authors are not abbreviated. Invalid names (synonyms, junior homonyms, etc.) are in standard italics. Names of generic and subgeneric taxa are in capitalized boldface italics, those of genera extended (e.g. *PELECIUM* Kirby, 1817) and those of subgenera unextended (e.g. *PELECIUM* s. str.). Names of species are ordered in species groups (if any have been proposed) with names of authors in parentheses or alphabetized (if no groups have been proposed). Following a species described in a genus different from the currently accepted combination, the generic name originally used is given in standard italics, and in case of a valid taxon, the name of the describer is given in parentheses – e.g. *reflexus* (Fabricius, 1775) *Carabus* (parentheses are not used with invalid names – e.g. *eximius* La Ferté-Sénéctère, 1850 *Panagaeus*). Geographic data are ordered from left to right as follows: continent or its part in boldface, usually further specified in north-south or east-west direction in standard type (e.g. with: s **AF** for countries of southern Africa), and then name of the country. Where the name of the country accompanying the type locality agrees with the currently recognized English name, it is given as a three-letter abbreviation (see the list of abbreviations). If the name differs from that currently recognized (e.g. the country no longer exists or its name has changed or it does not exist in English), it is given in quotes followed by a three-letter abbreviation of the currently accepted name in brackets – e.g. “Congo-Belge“ [=DOC]. All geographic data accompanying the type locality in the species description are underlined, e.g. e **AF**: KEN, etc. This is followed by the name of a province or a region of non-administrative nature, e.g. e **AF**: TAN: Arusha Reg. or c **AF**: DOC: Orientale Prov., etc. The name of the holotype locality is followed (where available) by the altitude in meters or feet, GPS coordinates, paratype locality (one or more), its altitude and GPS coordinates, etc. (paratype localities are ordered alphabetically), and the information is supplemented in plain type by other known occurrences down to regions, to make the geographic distributions more complete – e.g. e **AF**: “Kobbo, dans le pays de Gallas-Raïas“ [=n ETI: Amhara Reg.: Kobo]; Afar Reg. means that the species is known only from Ethiopia, Amhara region, the type locality is Kobo, but finds are also known from another region.

*Compared with the previous catalogue, the list of three-letter abbreviations is substantially enlarged to include also provinces (regions) of the following countries: Argentina, Australia, Brazil, Canada, China, India, Mexico, Russia and USA. Maps are provided for Democratic Congo, Ethiopia, Madagascar, Mozambique, Namibia, Somalia, South Africa and Tanzania, whose administrative divisions have recently changed.

Ardistomopsis papua Darlington, 1962 sn. Database Carabidae is an erroneous name, such a combination does not occur in the Darlington's work.

Craspedophorus mannae Andrewes, 1930 the species was included in the *C. microspilotus* species group (Kirschenhofer, 2000). In our opinion the species satisfies the criteria for inclusion in the group.

Panagaeus myops Gory, 1833 sensu Chaudoir, 1879 is a synonym of *Rhysotrachelus* sn. Schaum, 1853.

ABBREVIATIONS USED

AF	Africa	ZAM	Zambia
ANG	Angola	ZIM	Zimbabwe
BEN	Benin	AM	America
BFO	Burkina Faso	ARG	Argentina / provinces
BOW	Botswana	Bua	Buenos Aires
BUR	Burundi	Chc	Chaco
CAM	Cameroun / Cameroon	Crd	Córdoba
COM	Comoros / Comores	Crr	Corrientes
CON	Congo (Brazzaville)	Eri	Entre Ríos
DOC	Democratic Congo (Kinshasa)	Juy	Jujuy
ERI	Eritrea	Mdz	Mendoza
ETI	Ethiopia	Mns	Misiones
GAB	Gaboon	Sat	Salta
GAM	Gambia	Sfe	Santa Fe
GBI	Guinea-Bissau	Tuc	Tucumán
GHA	Ghana	BRA	Brazil / federal states
GUI	Guinea	Bhi	Bahia (Northeast Region)
KEN	Kenya	Eps	Espiritu Santo (Southeast Region)
LIR	Liberia	Goi	Goiás (Central-West Region)
MAD	Madagascar	Mgr	Mato Grosso (Central-West Region)
MAW	Malawi	Mgs	Mato Grosso do Sul (Central-West Region)
MLI	Mali	Msg	Minas Gerais (Southeast Region)
MOS	Mozambique	Pra	Pará (North Region)
NAB	Namibia	Pnb	Pernambuco (Northeast Region)
NIG	Niger	Rdj	Rio de Janeiro (Southeast Region)
NRE	Nigeria	Rgn	Rio Grande do Norte (Northeast Region)
RCA	(Republic of) Central Africa (=Centrafrique)	Rgs	Rio Grande do Sul (South Region)
RCI	(Republic of) Ivory Coast (=Republique de Côte d'Ivoire)	Ron	Rondonia (North Region)
RSA	(Republic of) South Africa	Sac	Santa Catarina (South Region)
SEN	Senegal	Spo	São Paulo (Southeast Region)
SLN	Sierra Leone	CAN	Canada / provinces
SOM	Somaliland	Ont	Ontario
SSD	South Sudan	CUB	Cuba
STP	São Tomé e Príncipe (=St. Thomas and Príncipe Island)	DOM	Dominican Republic (Hispaniola Island)
SUD	Sudan	FRG	Guyane Française (=French Guyana)
SWA	Swaziland	MEX	United States of Mexico / federal states
TAN	Tanzania	Agu	Aguascalientes
TOG	Togo		
UGA	Uganda		

Chh	Chihuahua	AFG	Afghanistan
Cia	Chiapas	BAN	Bangladesh
Coa	Coahuila	CAB	Cambodja
Dur	Durango	CHI	The People's Republic of China / provinces
Gue	Guerrero	Anh	Anhui
Guj	Gunajuato	Bei	Beijing (Pekin)
Jal	Jalisco	Fuj	Fujian (Fukien)
Hid	Hidalgo	Gad	Guangdong (Kanton)
Mex	México	Gan	Gansu
Mor	Morelos	Gax	Guangxi
Oax	Oaxaca	Gui	Guizhou
Pub	Puebla	Hai	Hainan
Qer	Querétaro	Heb	Hebei
Sin	Sinaloa	Hei	Heilongjiang
Slp	San Luis Potosí	Hen	Henan
Son	Sonora	Hgk	Hong Kong
Ver	Veracruz	Hub	Hubei
Zac	Zacatecas	Hun	Hunan
PAR	Paraguay	Jia	Jiangxi
PUR	Puerto Rico	Jl	Jilin
URU	Uruguay	Jis	Jiangsu
TND	Trinidad	Lin	Liaoning
USA	United States of America / federal states	Nem	Nei Mongol (Inner Mongolia)
Ari	Arizona (sw)	Qin	Qinghai
Flo	Florida (se)	Sch	Sichuan
Gor	Georgia (se)	Sgh	Shanghai
Ina	Indiana (ce)	Sha	Shaanxi
Kan	Kansas (wc)	Shn	Shandong
Lou	Louisiana (s)	Shx	Shanxi
Mar	Maryland (e)	Xij	Xinjiang (Uyгурistan)
Mso	Missouri (wc)	Xiz	Xizang (Tibet)
Nje	New Jersey (e)	Yun	Yunnan
Nme	New Mexico (sw)	Zhe	Zhejiang
Nyo	New York (ne)	CYP	Cyprus
Pen	Pennsylvania (e)	IDN	Indonesia
Sca	South Carolina (se)	IND	India / federal states
Tex	Texas (s)	Adh	Andhra Pradesh
Usv	Virgin Islands of the United States (Caribbean Sea)	Ass	Assam
Vir	Virginia (e)	Krt	Karnataka
VEN	Venezuela	Mhp	Madhya Pradesh
AS	Asia	Mhr	Maharashtra
		Tmd	Tamil Nadu

Utp	Uttar Pradesh	BEL	Belgium
IRN	Iran	BAH	Bosnia and Hercegovina
ISR	Israel	BUL	Bulgaria
JAP	Japan	BYE	Belarus
KAZ	Kazakhstan	CRO	Croatia
KIR	Kirgizstan	CZE	Czech Republic
LAO	Laos	DEN	Denmark
MAL	Malaysia	EST	Estonia
MYA	Myanmar (Burma)	FIN	Finland
NCO	North Korea (=People's Democratic Republic of Korea)	FRA	France
PAK	Pakistan	GBR	United Kingdom of Great Britain and Northern Ireland
PHI	Philippines	GER	Germany
RUS	Russia	GEO	Georgia
Fea	Far East (Asian) Territory	GRE	Greece
Esb	East Siberia	HUN	Hungary
Wsb	West Siberia	IRE	Ireland
SCO	South Korea (=Republic of Korea)	ITA	Italy
SRL	Sri Lanka	LAT	Latvia
TAJ	Tajikistan	LIC	Lichtenstein
THA	Thailand	LIT	Lithuania
TUM	Turkmenistan	LUX	Luxembourg
TUR	Turkey	MAC	Macedonia
TWA	Taiwan (=The Republic of China, Taipei)	MOL	Moldova
UZB	Uzbekistan	NED	Netherlands
VIE	Vietnam	NOR	Norway
		POL	Poland
		POR	Portugal
AU	Australia and territories in southwestern Pacific Ocean	ROM	Romania
AUS	Australia / federal states	RUS	Russia
Nsw	New South Wales	Cet	Central (European) Territory
Nte	Northern Territory	Not	Northern (European) Territory
Qld	Queensland	Sot	Southern (European) Territory
Sau	South Australia	SLK	Slovakia
Tas	Tasmania	SLO	Slovenia
Vic	Victoria	SPA	Spain
Wau	Western Australia	SWE	Sweden
PNG	Papua-New Guinea	SWI	Switzerland
		TUR	Turkey
		UKR	Ukraine
EU	Europe		
ARM	Armenia	c	central (ec = east-central etc.)
AZB	Azerbaijan	e	eastern
AUT	Austria	n	northern

s southern
 w western
 env. environs
 Is(l). island(s)
 Mt(s) mountain(s)
 Pen. peninsula
 Dept. department
 Pref. prefecture
 Prov(s). province(s)

Reg(s). region(s)
 Riv(s). river(s)
 JH junior homonym
 NN nomen novum
 T type species of the genus
 Sg. subgenus
 sn. sensu
 syn. synonym

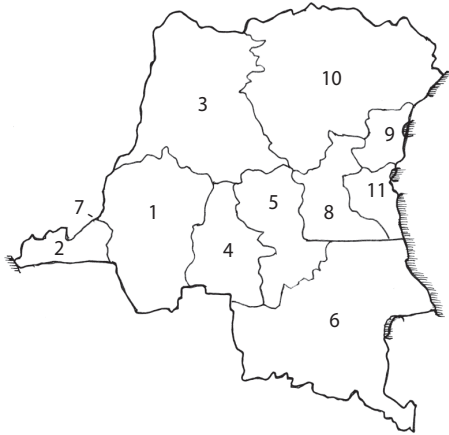


Fig. 1. Administra-tive divisions (provinces) of the Democratic Republic of the Congo (=DOC)

1. Bandundu, 2. Bas-Congo, 3. Équateur, 4. Kasai-Occidentale, 5. Kasai-Oriental, 6. Katanga, 7. Kinshasa, 8. Maniema, 9. Nord-Kivu, 10. Orientale, 11. Sud-Kivu



Fig. 2. Administrative divisions (regions) of Ethiopia (=ETI)

1. Addis Ababa, 2. Afar, 3. Amhara, 4. Benishangul-Gumuz, 5. Dire-Dawa, 6. Gambela, 7. Harari, 8. Oromiya, 9. Somali, 10. Southern Nations, Nationalities, and People's Region, 11. Tigray



Fig. 3. Administrative divisions (provinces) of Madagascar (=MAD)

1. Antananaivo, 2. Antsiranana, 3. Fianarantsoa, 4. Mahajanga, 5. Toamasina, 6. Toliara

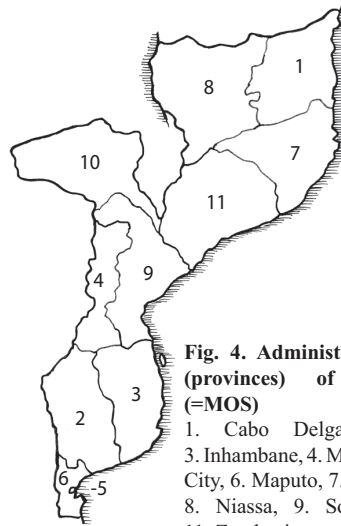


Fig. 4. Administrative divisions (provinces) of Mozambique (=MOS)

1. Cabo Delgado, 2. Gaza, 3. Inhambane, 4. Manica, 5. Maputo City, 6. Maputo, 7. Nampula, 8. Niassa, 9. Sofala, 10. Tete, 11. Zambezia

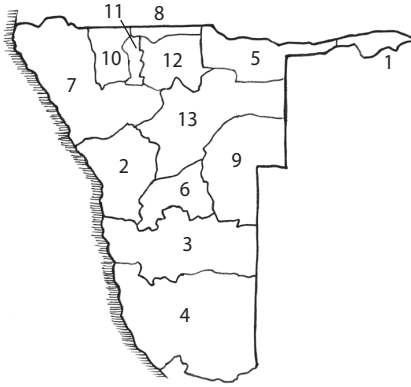


Fig. 5. Administrative divisions (regions) of Namibia (=NAB)

1. Caprivi, 2. Erongo, 3. Hardap, 4. Karas,
5. Okavango, 6. Khomas, 7. Kunene,
8. Ohangwena, 9. Omaheke, 10. Omusati,
11. Oshana, 12. Oshikoto, 13. Otjozondjupa



Fig. 6. Administrative divisions (provinces) of the Republic of South Africa (=RSA)

1. Eastern Cape, 2. Free State, 3. Gauteng, 4. KwaZulu-Natal,
5. Limpopo, 6. Mpumalanga, 7. Northern Cape, 8. North West Province,
9. Western Cape.

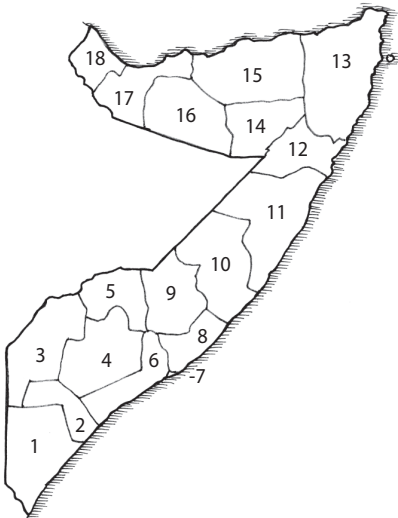


Fig. 7. Administrative divisions (regions) of Somalia (=SOM)

1. Jubbada Hoose (=Lower Juba), 2. Jubbada Dhexe (=Middle Juba), 3. Gedo, 4. Bay,
5. Bakool, 6. Shabeellaha Hoose (=Lower Shabele), 7. Banaadir (=Benadir), 8. Shabeellaha Dhexe (=Middle Shabele), 9. Hiiraan,
10. Galguduud, 11. Mudug, 12. Nugaal, 13. Bari, 14. Sool, 15. Sanaag, 16. Togdheer, 17. Woqooyi Galbeed, 18. Awdal

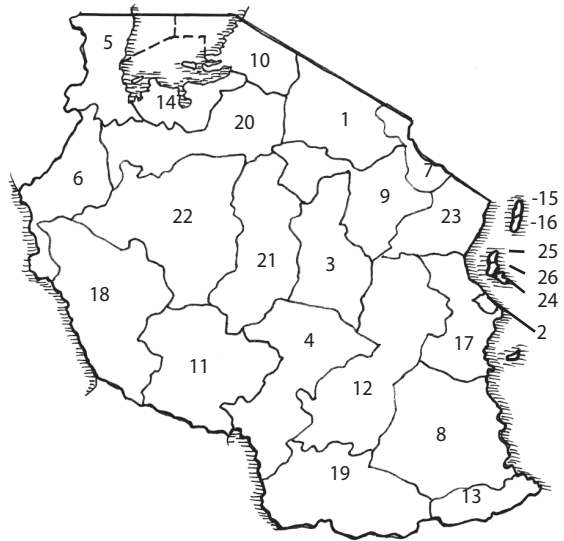


Fig. 8. Administrative divisions (regions) of Tanzania (=TAN)

1. Arusha, 2. Dar Es Salaam, 3. Dodoma, 4. Iringa, 5. Kagera,
6. Kigoma, 7. Kilimanjao, 8. Lindi, 9. Manyara, 10. Mara, 11. Mbeya, 12. Morogoro, 13. Mtwara, 14. Mwanza, 15. Pemba north, 16. Pemba south, 17. Pwani, 18. Rukwa, 19. Ruvuma,
20. Shinyanga, 21. Singida, 22. Tabora, 23. Tanga, 24. Zanzibar central/south, 25. Zanzibar north, 26. Zanzibar urban/west

PANAGAEINAE Hope, 1838

B A S C A N I N I Basilewsky, 1953a sn. van Emden, 1936 (genera: 1; species: 10)

B A S C A N U S Péringuey, 1896; T: *Bascanus gracilis* Péringuey, 1896 (species: 10)
 =*Bascanidius* Péringuey, 1926; T: *Bascanus dissidens* Péringuey, 1908

- | | | |
|----|--|--|
| 1 | <i>andreaei</i> Basilewsky, 1961 | s AF: “ <u>Algoa Bay, Capland</u> ” [=s RSA: Western Cape Prov.] |
| 2 | <i>claeysbouuaerti</i> Basilewsky, 1953a | ec AF: sw RWA: “ <u>Rutovu, forêt de Rugege</u> ”; 2350m [=Gikongoro Prefecture] |
| 3 | <i>dissidens</i> Péringuey, 1908 | s AF: “ <u>Southern Rhodesia (Umtali)</u> ” [=e ZIM: Manicaland Prov.: Mutare] |
| 4 | <i>fortesculptus</i> Basilewsky, 1961 | s, sc AF: “ <u>Salisbury</u> ” [=ne ZIM: Harare (Prov.)]; se DOC: Katanga Prov. |
| 5 | <i>gracilis</i> Péringuey, 1896 | s AF: “ <u>Cape Colony (Caledon, Oudtshoorn)</u> ” [=s RSA: Western Cape Prov.] |
| 6 | <i>leleupi</i> Basilewsky, 1961 | c AF: “ <u>Lacs Mokoto, terr. de Masisi; 1800m; Mulo, terr. de Lubero; 1880m; Katondi, 2200m</u> [=ne DOC: Nord-Kivu Prov.]; <u>Lwiro, terr. de Kabare</u> ”; 2000-2200m [=Sud-Kivu Prov.] |
| 7 | <i>longicollis</i> Péringuey, 1896 | s AF: “ <u>Cape Colony (Grahamstown)</u> ” [=s RSA: Eastern Cape Prov.] |
| 8 | <i>natalicus</i> Basilewsky, 1961 | s AF: “ <u>Natal</u> ” [=se RSA: KwaZulu-Natal Prov.] |
| 9 | <i>transvaalensis</i> Basilewsky, 1961 | s AF: “ <u>Transvaal, Pilgrim’s Rest district, ericetum surplombant la forêt de Mariepskop</u> ”; 1800m [=e RSA: Mpumalanga Prov.] |
| 10 | <i>vandenberghiei</i> Basilewsky, 1953a | ce AF: “ <u>Urundi, Makoronkwe, dans le Mosso, territoire de Bururi</u> ”; 1450m [=BUR]; ne DOC: Sud-Kivu Prov. |

B R A C H Y G N A T H I N I Basilewsky, 1946 (genera: 1; species: 7)

B R A C H Y G N A T H U S Perty, 1830 ; T: *Brachygnathus oxygenus* Perty, 1830 (species: 7)
 =*Eurosoma* Gistel, 1829; T: *Cychnus rutilans* Sturm, 1826
 =*Eurysoma* Oberleitner, 1831 (sn. Dejean, 1831) (nec. Koch, 1840)
 =*Eurysomides* Strand, 1916 NN for *Eurysoma* Gistel, 1857 (sn. Strand, 1916 [=*Eurysoma* Gistel, 1829])

- | | | |
|---|--|--|
| 1 | <i>angusticollis</i> (Burmeister, 1885) <i>Eurysoma</i>
ssp. <i>angusticollis</i> s. str.,
ssp. <i>brevispinis</i> Straneo, 1960 | s AM: c, n PAR, wc BRA: Mgr
c, n PAR: <u>vic. Horqueta</u> ; [=Concepción Dept.]; Alto Paraguay Dept.
wc BRA: Mgr: <u>Urucú</u> |
| 2 | <i>fervidus</i> (Burmeister, 1885) | s AM: e ARG: <u>Bua</u> |
| 3 | <i>festivus</i> (Dejean, 1831) <i>Eurysoma</i>

= <i>pyropterus</i> Brullé, 1838
= <i>virescens</i> Straneo, 1951 | s AM: c, nc, ne ARG: <u>Crd; Tuc</u> ; Crr, Mns, Sat, Sfe; se, wc BRA: Mgr, Msg; c, n PAR: Alto Paraguay Dept., Central Dept.
“ <u>Rincon de Luna (province de Corrientes)</u> ” [=ne ARG]
c PAR: <u>Aregua</u> [=Central Dept.] |
| 4 | <i>imperialis</i> (Chaudoir, 1863) <i>Eurysoma</i> | s AM: “ <u>l’intérieur du Brésil</u> ” [=ne, wc BRA: Mgr, Rgn]; BOL |

- 5 *intermedius* Perty, 1830
 6 *muticus* Perty, 1830
 ssp. *muticus* s. str.
 =*rutilans* Sturm, 1826 *Cychrus*
 =*saphyrinus* Straneo, 1951
 ssp. *nitidipennis* (Dejean, 1831) *Eurysoma*
 =*burmeisteri* Sharp, 1885
- 7 *oxygonus* Perty, 1830
 ssp. *oxygonus* s. str.
 =*fulgidus* Dejean, 1831 *Eurysoma*
 =*fulgipennis* [Latreille in litt.] sn.
 Guérin-Ménéville, 1844 *Panagaeus*
 =*fulgidipennis* Guérin-Ménéville, 1844
 NN for *Panagaeus fulgipennis* Latreille in litt
 ssp. *minutus* Perty, 1830
 ssp. *meridionalis* van Emden, 1949
- s AM: “Hab. in deserto Minarum” [=se BRA: Msg]
 s AM: ne ARG, ne, se, wc BRA; c, n PAR
 “Hab. in deserto Prov. Minarum” [=se BRA: Msg]; ARG:
 Chc; c PAR: Central Dept., Concepción Dept.
 “Brasilien” [=BRA]
 n PAR: vic. Horqueta [=Concepción Dept.]
 “Intérieur du Brésil” [=ne, wc BRA: Pnb, Mgr, Rgn]; n
 PAR: Alto Paraguay Dept.
 “Bahia. Dom. Lacerda” [=ne BRA: Bhi]
 s AM: BOL; se BRA; n, s, se PAR
 “Habitat in mediterraneis versus fluv. S. Francisci. Prov.
 Minarum” [=se BRA: Msg]; Rdj, Spo; BOL
 “partes interieures at méridionales du Brésil. province de
 Saint-Paul; Rio-Janeiro” [=se BRA: Spo, Rdj]
 “Brésil” [=BRA]
 “Habitat in deserto versus flumen S. Francisci. Prov.
 Minarum” [=se BRA: Msg]
 n, s, se PAR: Horqueta [=Concepción Dept.]; Sapucai
 =Concepción Dept.]; Villarica [=Guairá Dept.]; Alto
 Paraguay Dept.

PANAGAEINI Bonelli, 1810 (genera: 19; species: 280)
 =*Tefflini* Basilewsky, 1946b

CALATHOCOSMUS van Emden, 1928; T: *Calathocosmus mirus* van Emden, 1928
 (species: 1)

- 1 *mirus* van Emden, 1928
 =*laurentina* Strohmeier, 1928
- se, w AF: TOG: Lomé; MOS; SLN
 MOS: “Laurenço Marques” [=Maputo Prov.]

CINTAROA Kasahara, 1989; T: *Cintaroa aptera* Kasahara, 1989 (species: 1)

- 1 *aptera* Kasahara, 1989
- e AS: sw TWA: Kao-hsiung Hsien: Fa-ko Shan,
 near Liu-kuei

COPTIA Brullé, 1836; T: *Panagaeus quadridentatus* Kollar, 1836 (species: 4)
 =*Panagaeus* Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758

- 1 *armata* (Laporte de Castelnau, 1832) *Panagaeus* s AM: “Cayenne” [=FRG]; n ARG: Chc, Juy, Tuc; n, se
 BRA: Rdj; TND, VEN
 =*brunnea* Putzeys, 1846
 =*quadridentatus* Kollar, 1835 *Panagaeus*
 Venezuela (Cumana) [=ne VEN: Sucre State]
 BRA
 c AM: sc CUB: Soledad near Cienfuegos
 2 *effeminata* Darlington, 1934
 3 *marginicollis* Chaudoir, 1879
 4 *sauricollis* Darlington, 1934
 s AM: “Cayenne” [=FRG]; BRA, n ARG: Sat
 c AM: sc CUB: Soledad near Cienfuegos

CRASPEDOPHORUS Hope, 1838; T: *Carabus reflexus* Fabricius, 1781 (= *Carabus angulatus* Fabricius, 1781) (species: 150)

= *Panagaeus* Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758

= *Camptoderus* Hope, 1838; T: *Carabus reflexus* Fabricius, 1781
(= *Carabus angulatus* Fabricius, 1781)

= *Epicosmus* Chaudoir, 1846; T: *Panagaeus tomentosus* Vigors, 1825
(= *Carabus angulatus* Fabricius, 1781)

= *Eudema* Laporte de Castelnau, 1840; T: *Panagaeus regalis* Gory, 1833

= *Isotarsus* La Ferté-Sénéctère, 1851; T: *Panagaeus regalis* Gory, 1833

= *Brachyonychus* Chaudoir, 1878; T: *Epicosmus sublaevis* Chaudoir, 1869

= *Acanthocosmus* Jeannel, 1949; T: *Panagaeus erichsoni* Hope, 1842

= *Brachycosmus* Jeannel, 1949; T: *Panagaeus festivus* Klug, 1843

australasiae group (Häckel sn. Sloane, 1903):

australasiae subgroup (Häckel sn. Sloane, 1903)

1 *angusticeps* Sloane, 1923

2 *australasiae* (Chaudoir, 1850) *Epicosmus*
= *froggatti* Sloane, 1903 *Epicosmus*

3 *alternans* (Laporte de Castelnau, 1867) *Eudema*

4 *australis* (Chaudoir, 1850) *Panagaeus*
= *mastersi* Sloane, 1903 *Epicosmus*

5 *elongatus* (Laporte de Castelnau, 1867) *Eudema*

6 *longicollis* (Chaudoir, 1879) *Epicosmus*

AU: e AUS: n, e Qld: Mareeba; Cooktown; Coen; coastal

AU: “Nouvelle Hollande” [=AUS]: Nsw, Sau, Wau
“W. A.: Kalgoorlie” [=Wau]

AU: e AUS: Qld: Rockhampton; ne coast; ne Nsw

AU: “Nouvelle Hollande” [=AUS]: e Nsw: coastal
Nsw: Neighbourhood of Sydney; Narrara

AU: s, se AUS: Nsw: Sydney, se coastal, Murray-Darling
basin; ?Sau

AU: “Nouvelle Hollande” [=AUS]: n, e Qld: coastal

insignis subgroup (Häckel sn. Sloane, 1903)

7 *insignis* (Schaum, 1853) *Isotarsus*

= *convexus* W. J. MacLeay, 1864

8 *macleayi* (Sloane, 1903) *Epicosmus* NN
for *Epicosmus nobilis* W. J. MacLeay, 1888
= *nobilis* W. J. MacLeay, 1888 *Epicosmus*
JH of *Panagaeus nobilis* Dejean, 1826

“Brésil” [=s AM: BRA] (in error sn. Chaudoir, 1879);

AU: ne AUS: n, ne Qld: n Gulf, ne coastal, Melville Is.

Qld: Port Denison

AU: “N. W. A.: Behn River” [=nw, w AUS: Wau]

Wau: King Sound

parvulus subgroup (Häckel sn. Sloane, 1903)

9 *banksi* Sloane, 1923

10 *parvulus* (Macleay, 1888) *Eudema*

AU: e AUS: n, e Qld: Upper Normanby River [=Kings
Plains Station; sn. A.F.D.]; Cooktown; Kuranda; Cairns;
coastal

AU: w AUS: w Wau: King Sound

rockhamptonensis subgroup (Häckel sn. Sloane, 1903)

11 *comptus* (La Ferté-Sénéctère, 1851) *Isotarsus*
= *australe* Laporte de Castelnau, 1867
Eudema (partim)

= *corpulentus* Chaudoir, 1879 *Epicosmus*

12 *rockhamptonensis* (Chaudoir, 1850) *Eudema*
= *obesulus* Sloane, 1903 *Epicosmus*

AU: “Nouvelle Hollande” [=AUS]: n, e Qld: coastal
AUS: s Qld

Qld: Rockhampton

AU: Rockhampton [=e AUS: Qld]; n Gulf, ne coastal
“Q.: Townsville [=ne Qld]

gressitorum species:

13 *gressitorum* Darlington, 1971

AU: e New Guinea Is.: e PNG: [Central Prov.:] Tapini
(Goilala); 1100m

microspilotus group (Kirschenhofer, 2000):

- 14 *begdugulensis* Kirschenhofer, 2011b
15 *bretschneideri* Kirschenhofer, 2011b
16 *chinensis* Jedlička, 1965
17 *dembickii* Kirschenhofer, 2000
18 *elegans* (Dejean, 1826) *Panagaeus*
19 *formosanus* Jedlička, 1939
20 *freudei* Jedlička, 1966
21 *hilaris* (La Ferté-Sénéctère, 1851) *Isotarsus*
 =*rufipalpis* La Ferté-Sénéctère, 1851 *Isotarsus*
22 *kachinensis* Kirschenhofer, 2011a
23 *louangnamthaensis* Kirschenhofer, 2011b
24 *maculatus* Kirschenhofer, 2000
25 *maharashtraensis* Kirschenhofer, 2011b
26 *mannae* Andrewes, 1930#
27 *mandarinellus* (Bates, 1892) *Epicosmus*
28 *microspilotus* Andrewes, 1924
29 *molossus* Kirschenhofer, 2000
30 *ovatus* Kirschenhofer, 2000
31 *pacholatkoii* Kirschenhofer, 2000
32 *philippinus* Jedlička, 1939
33 *saddlepeakensis* Kirschenhofer, 2011b
34 *saundersi* (Chaudoir, 1869b) *Epicosmus*
35 *soppongensis* Kirschenhofer, 2011b
36 *sundaicus* (Oberthür, 1883) *Eudema*
37 *vietnamensis* Kirschenhofer, 2000

nepalensis group (Kirschenhofer, 2000):

- 38 *nepalensis* (Kirschenhofer, 1996) *Dischissus*
39 *kathmanduensis* Kirschenhofer, 2004

se AS: w IDN: Bali (Provinsi) Is.: 12 km nw of Begdugul (Buyan Lake); 950m
s AS: n Andaman Isl. (IND): Saddle Peak; 115m; 13.128°N, 093.021°E
se AS: s, se CHI: “prov. Fukien: Shaowu“ [=s, se CHI: Fuj]; Gax; n VIE
se AS: nw THA: Mae Hong Son [Prov.]: Ban Huai Po; 19°19'N, 97°59'E
s AS: “Indes Orientales“ [=BAN, IND, MYA]; NEP, n PAK, SRL
e AS: “Formosa“ [=TWA]; s JAP: s Ryukyu Isl.: Yaeyama Isl.: Iriomote Is.; s CHI?
se AS: c LAO: “Umg. Vientiane [=Vientiane Prov.]; Tenasserim“ [=s MYA: Tanintharyi Reg.]
s AS: “India bor.“ [=ne IND, n BAN (sn. Chaudoir, 1879)]
“India bor.“ [=ne IND, n BAN (sn. Chaudoir, 1879)]
s AS: n MYA: Kachin State: road Bhamo to Shwegu Irrawaddy Riv.; 157m; 24°07'387"N, 097°01'577"E
se AS: n LAO: 15 km nw Louang Namtha [Prov.]: 650-850m; 21°07.5'N, 101°21.0'E
se AS: nw THA: Mae Hong Son [Prov.]: Ban Huai Po; 19°19'N, 97°59'E
s AS: wc IND: Mhr: Western Ghats Mts., Panchgani, Wai env.
se AS: sw Sumatra Is.: Manna [=w IDN: Bengkulu Prov.]; Java, Krakatau Isl.
s AS: Bhamò [=n MYA: s Kachin State]; “Bombay“ [sw IND: Mhr: Mumbai]; s CHI: Gax
s AS: “Ceylon“ [=SRL]
s AS: sc NEP: Narayani Zone: Rapti Tal [=valley], Monahari Khola; 350m
se AS: e MAL: n Borneo Is.: Sarawak Belaga - D. Belaga Airport; w IDN: Sumatra Is.: Sumatera Utara Prov.
se AS: nw THA: Mae Hong Son Prov.: Soppong Pai; 1800m
se AS: PHI: Luzon Is.; s CHI: Gax, Yun; s IDN: Nusa Tenggara Prov.: Flores Is. [sn. Louwerens, 1953]; VIE
s AS: n Andaman Isl. (IND): near Saddle Peak; 200m; 13.128°N, 093.033°E
se AS: LAO: “Camboje“ [=CAB]; THA, VIE
se AS: nw THA: Mae Hong Son Prov.: Kiwlom -pass near Soppong; 1400m; 19°26'N, 098°19'E
se AS: n Sumatra Is.: Deli Serdang regency [=w IDN: Sumatera Utara Prov.]; c, e IDN: Borneo Is. [sn. Csiki, 1929]; n Sulawesi Is. [sn. Heller, 1898]; s Sulawesi Is.; e Maluku Prov.: Tanimbar Isl.: Yamdena Is.
se AS: n VIE: Sapa (Lao Cai) [Prov.]: 22°20'N, 103°50'E
s AS: “Ostnepal, Koshi, Gorza“; 2100m [=e NEP: Kosi Zone]
s AS: c NEP: Kathmandu env.: Gokana Ban; ca. 1300m

40 *probsti* (Kirschenhofer, 1996) *Dischissus*

s AS: “Ostnepal, Arun valley, Ruhroma Waleng, Iswa-Khola”; 1200m [=e NEP: Kosi Zone]

sublaevis species (= *Brachyonychus* sn. Chaudoir, 1869):

41 *sublaevis* (Chaudoir, 1869a) *Epicosmus*

ssp. *sublaevis* s. str.

=*humeralis* Chaudoir, 1869a *Epicosmus*

ssp. *laevipennis* (Chaudoir, 1878) *Brachyonychus*

ssp. *andersoni* (Bates, 1887) *Brachyonychus*

ssp. *medius* (Darlington, 1952) *Brachyonychus*

ssp. *parumpunctatus* (Bates, 1892) *Brachyonychus*

ssp. *perraudierei* (Bates, 1889a) *Brachyonychus*

ssp. *punctipennis* (Gestro, 1883) *Brachyonychus*

se AS: CAB, LAO, w MAL, MYA, THA, s VIE

“Cambodje” [=CAB]; s THA, s VIE

“Cochinchine” [=s CAB, s VIE]

“Camboje [=CAB]; Cochinchine” [=s CAB, s VIE]

Elphinstone Is. [=s MYA: Tanintharyi Reg.: Mergui Archipelago]; w MAL: Kedah: Langkawi Isl.

“Lower Siam, Trang (‘Trong’); Siam, Trang Pen, Kao Chong”; 1000ft [=s THA: Songkhla Distr.]

“Malewoon in Tenasserim” [=s MYA: Tanintharyi Reg.]; s THA, w MAL

“Pnomh-Penh” [=sc CAB: Phnom Penh]

LAO; “Celebes” [=e IDN: Sulawesi Is.]

ungrouped species (oriental & palearctic):

42 *angulatus* (Fabricius, 1781) *Carabus*

=*fasciata* Fabricius, 1781 *Pimelia*

=*reflexus* Fabricius, 1781 *Carabus*

=*tomentosus* Vigors, 1825 *Panagaeus*

=*bifasciatum* Chaudoir, 1879 *Eudema*

=*michardi* Fairmaire, 1880b *Panagaeus*

43 *basifasciatus* (Chaudoir, 1869b) *Epicosmus*

44 *bifasciatus* (Laporte de Castelnau, 1835)

Panagaeus

=*castelnaui* Chaudoir, 1879 *Epicosmus*

45 *breviformis* (Bates, 1892) *Epicosmus*

e, s, AS: “Coromandel” [=se IND: e Adh, e Tmd]; BAN, s CHI, MYA

“India” [=BAN, IND, MYA]

“Coromandel” [=se IND]

“India Or.” [=BAN, IND, MYA]

“côte du Coromandel; Neelgherries; Pondichéry” [=se IND: e Adh, Tmd]

MAD [in error sn. Alluaud, 1895 =“côte du Coromandel; Pondichéry” (=se IND: e Adh, e Tmd)]

se AS: “Camboje” [=CAB]; LAO

s AS: “Indes-Orientales” [=BAN, IND, MYA]; SRL

“côte du Coromandel” [=se IND: e Adh, e Tmd]

s AS: “Karin Cheba; 900-1100m” [=se MYA: Kayah, Kayin, Shan States: Karen Hills]; m. Palon (Pegu) [=s MYA: Bago Reg.]; Tenasserim, Thagata [=Tanintharyi Reg.]

46 *brevisternis* (Bates, 1892) *Epicosmus*

47 *everetti* (Heller, 1898) *Epicosmus*

48 *feae* (Bates, 1889b) *Epicosmus*

s AS: “(Tenasserim): Thagata” [=s MYA: Tanintharyi Reg.]

se AS: s Sulawesi Is.: “Celebes meridionalis, Bonthain”; 5-7000ft [=e IDN: Sulawesi Selatan Prov.: Bantaeng]

s AS: Bhamò; Teinzò; Thigvam; [=n MYA: s Kachin State]; Prome [Bago Reg.]

49 *geniculatus* (Wiedemann, 1823) *Panagaeus*

=*hilaris* Chaudoir, 1878

50 *gracilipes* (Bates, 1892) *Epicosmus*

s AS: “Bengalia” [=BAN, e IND]

“nord de la Présidence du Bengale” [=n BAN, ne IND]

s AS: Bhamò [=n MYA: s Kachin State]; BAN, sw CHI: Yun; ne IND: Ass; s MYA

s AS: “Ceylon: Niroddumunai” [=ne SRL: Eastern Prov.]

s AS: “Indes Orientales” [=BAN, IND, MYA]

s AS: c IND: Mhp: Ramgarh Mai

se AS: n THA: Chiang Mai Prov.: San Pakia vill.; 1400m; 19.19N, 98.50E

se AS: n LAO: Luangphabang prov. [=Louang Prabang Prov.], Mt. Phou Phakhao, Namtag vill.

51 *halyi* Andrewes, 1923

52 *hexagonus* (Chaudoir, 1861b) *Epicosmus*

53 *incostatus* Kirschenhofer, 2000

54 *kubani* Kirschenhofer, 2011b

55 *laosensis* Kirschenhofer, 2012b (in prep.)

- 56 *laticollis* (Chaudoir, 1869b) *Epicosmus*
 57 *laticornis* Kirschenhofer, 2000
 58 *latigenis* (Bates, 1892) *Epicosmus*
 59 *lesnei* Andrewes, 1926 NN
 for *Craspedophorus hilaris* Lesne, 1904
 =*hilaris* Lesne, 1904 JH of LaFerté-Sénéctère, 1851
 60 *lykaon* Kirschenhofer, 2012a
 61 *mandarinus* (Schaum, 1853) *Isotarsus*
 62 *mouhoti* (Chaudoir, 1869a) *Epicosmus*
 63 *neglectus* Kirschenhofer, 2000
 64 *notabilis* Xie & Yu, 1991
 65 *numitor* Kirschenhofer, 2000
 66 *obesus* Louwerens, 1953
 67 *obscurus* Xie & Yu, 1991
 68 *rufipalpis* (La Ferté-Sénéctère, 1851) *Isotarsus*
 69 *pubiger* (Chaudoir, 1861b) *Epicosmus*
 70 *transversalis* (Laporte de Castelnau, 1835)
Panagaeus
 71 *yalaensis* Kirschenhofer, 2010
- ungrouped afrotrropical species:
 72 *abnormis* Bates, 1886c
 =*sexmaculatum* Péringuey, 1898 *Eudema*
 73 *bayeri* (Burgeon, 1930b) *Epigraphus*
 74 *benadirensis* (Müller, 1942) *Eudema*
 =*parisii* Straneo, 1942
 75 *benoitii* (Basilewsky, 1953b) *Epigraphus*
 76 *bilunifer* Jeannel, 1949
 77 *bonnyi* Bates, 1890
 78 *bonvouloirii* (Chaudoir, 1861b) *Epicosmus*
 79 *bouvieri* Rousseau, 1905
 ssp. *bouvieri* s. str.
 ssp. *crampeli* (Alluaud, 1915a) *Eudema*
 =*decorsei* Alluaud, 1915a *Eudema*
 ssp. *dux* Basilewsky, 1951a
 ssp. *imperialis* [Kolbe in litt.] Burgeon, 1930a
 ssp. *iturianus* Basilewsky, 1956a
- se AS: LAO; CAB, THA
 se AS: n THA: Chiang Mai Prov.: 10 km n. Chiang Dao:
Mae Ping
 s AS: “Karin Cheba”; 900-1100m [=se MYA: Kayah,
 Kayin, Shan States: Karen Hills]
 se AS: THA
 “Siam“ [=THA]
 s AS: e MYA: Shan State: Taunggyi env.; n LAO
 e, se AS: s, se CHI: Hgk; Gad, Gax, Gui, Yun; JAP, LAO,
 MYA, THA, TWA, VIE
 se AS: LAO; CAB, THA
 se AS: n THA: Tak [Prov.], Lamsang NP
 AS: s CHI: Yun
 s AS: se IND: Adh: Eluru env.: Achanta
 se AS: w Timor Is.: Soë [=s IDN: East Nusa Tenggara
 Prov.]
 AS: se CHI: Fuj
 “India bor.“ [=ne IND, n BAN (sn. Chaudoir, 1879)]
 s AS: “Indes Orientales“ [=BAN, IND, MYA]
 se AS: Java [Is. =w IDN]
 se AS: s THA: Betong [Dist.], Gunung Cang
 e AF: Mpwapwa [c TAN: Dodoma Reg.]; Mbeya Reg.; se
 DOC: Katanga Prov.; ZAM, ZIM
 “Zambesia (Salisbury)“ [=ne ZIM: Harare Prov.]
 e AF: se KEN: Zuwani [=sw Coast Prov.]
 e AF: “Somalia regione benadirensis: Villaggio Duca
 degli Abruzzi“ [=se SOM: Shabeellaha Dhexe Reg.]; se
 ETI: Somali Reg.; KEN
 “Dolo, Somalia“ [=s ETI: Somali Reg.: Liben Zone/ sw
 SOM border: Dolo Odo (=Doolow)]
 ce AF: se DOC: Katanga Prov.
 e AF: MAD
 c AF: Aruwimi [River] Valley [=ne DOC: Orientale
 Prov.]
 s AF: “Natal“ [=RSA: KwaZulu-Natal]; Eastern Cape,
 Gauteng, Limpopo, Mpumalanga, North West Provinces;
 BOW; s MOS: Maputo Prov.; SWA, ZIM
 c, w AF: CAM, CON, ne DOC, GHA, GUI, s NRE, RCA,
 TOG
 “Haute-Sanga, Congo français“ [=n CON: Sangha Dept.]
 “Fort-Crampel, sur le haut Chari, dans le Congo français“
 [=c RCA: Nana Grébizi Pref.: Kaga Bandoro]; ne DOC:
 Orientale Prov.
 “Fort-Crampel, sur le haut Chari, dans le Congo français“
 [=c RCA: Nana Grébizi Pref.: Kaga Bandoro]
 n CAM: North Prov.: Nagaouyanga; s NRE: Rivers Reg.:
 Bukuma
 “Toga [=TOG]; Gold Coast (Black Volta District)“ [=nw
 GHA]; GUI
 “Congo-Belge: Ituri“ [=ne DOC: Orientale Prov.]

- 80 *bozasi* Alluaud, 1930
 e AF: “Ethiopie méridionale, pays Sidamo”; 1300m; 2000m [=sw ETI: w Oromiya Reg.]; SSD
 w AF: SEN; GAM, Gulf of Guinea: n coast: GBI
- 81 *brevicollis* (Dejean, 1831) *Panagaesus*
 c AF: “Kwako bis Kimpoko” [=sw DOC: Bandundu Prov.: Kwango Distr.: from Kwako to Kimpoko-Nsele on Malebo Pool]
- 82 *buettneri* Kolbe, 1889
 wc AF: “Mount Cameroons” [=w CAM]; n DOC: Orientale Prov.
- 83 *cameronus* Bates, 1886b
 e AF: “Sansibar” [=e TAN: Zanzibar Is.]; se DOC: Katanga Prov.
- 84 *carbonarius* Harold, 1879a
 Java [Is. =se AS: w IDN] in error sn. Chaudoir, 1879 =w AF: SEN; Gulf of Guinea: n coast
- 85 *cereus* (W. S. MacLeay, 1825) *Panagaesus*
 =*versutus* Laporte de Castelnau, 1834 *Panagaesus* SEN
 c AF: CAM, CON, c RCA
 “Fort-Crampel, sur le haut Chari, dans le Congo français” [=c RCA: Nana Grébizi Pref.: Kaga Bandoro]; CON
 c CAM: Joko [=Centre Prov.]
- 86 *chevalieri* (Alluaud, 1915a) *Eudema*
 ssp. *chevalieri* s. str.
 ssp. *jokoanus* Basilewsky, 1987
- 87 *clasispilus* (Alluaud, 1915a) *Eudema*
 c AF: “Fort-Crampel, sur le haut Chari, dans le Congo français” [=c RCA: Nana Grébizi Pref.: Kaga Bandoro]; Fort-Sibut dans le Dar Barda meridional [=Kémo Pref.: Sibut]; Congo-belge: haut Ouellé, riv. Dongou; 1100m; entrée Defilé et la riv. Dongou” [=ne DOC: Orientale Prov.]; Kasai-Occidental Prov.; ne ANG, CAM, CON
 c AF: “Kwako bis Kimpoko” [=sw DOC: Bandundu Prov.: Kwango Distr.: from Kwako to Kimpoko-Nsele on Malebo Pool]; Équateur, Kasai-Occidental, Kasai-Oriental, Katanga, Maniema, Orientale Provinces; s TAN: Lindi Reg.
 c, w AF: “Zaïre, Bas-Zaïre: Thysville; Mayidi [=DOC: Bas-Congo Prov.]; Sankuru: Kishindi [=Kasai-Oriental Prov.]; Shaba: Kapanga; Parc national de l’Upemba, Kalumengo; Kabwe sur Muye; Mbuye-Bale; Munoi; Mura près de Jadotville [=Likasi env.]; Elisabethville [=Lumumbashi =Katanga Prov.]; Kivu: Région des lacs [=Nord-Kivu Prov.]; Mokanga, terr. Fizi [=Sud-Kivu Prov.]; Uele: Parc national de la Garamba, Mabanga; Ituri: Bunia [=Orientale Prov.]; RWA: Gitarama; BUR: Bururi; GBI, SEN
- 88 *congoanus* Kolbe, 1889
 e AF: “la vallée du mont Aladjié, province du Damotkonene” [=n ETI: Tigray Reg.: Debubawi Zone: Amba Alagi Mt.]; Afar Reg.
 c AF: “Fort-Crampel, sur le haut Chari, dans le Congo français” [=c RCA: Nana Grébizi Pref.: Kaga Bandoro]; n CAM: North Prov.
 wc AF: “Mount Cameroons” [=w CAM]
 cw AF: GAB
 w AF: “Circa Palmas” [=se LIR: Cape Palmas]; DOC: Bas-Congo, Kasai-Occidental, Orientale Provinces; Gulf of Guinea: nw ANG, BEN, CAM, GAM, GBI, GUI, NRE, SEN, SLN
- 89 *conspicuus* Basilewsky, 1987
 “Sénégambe portugaise” [=GBI]
 cc AF: “monts Ruwenzori”: e slop.; 2000m [=sw UGA: Ruwenzori Mts.]
- 90 *cordicollis* (Raffray, 1886) *Eudema*
- 91 *cuneatus* (Alluaud, 1915a) *Eudema*
- 92 *deflexus* Bates, 1886c
- 93 *dicranothorax* (Alluaud, 1915b) *Eudema*
- 94 *erichsoni* (Hope, 1842) *Panagaesus*
 =*parvicollis* La Ferté-Sénectere, 1850 *Panagaesus*
- 95 *ethmoides* Alluaud, 1930

- 96 *festivus* (Klug, 1833) *Panagaeus*
 c, e AF: n MAD: Nosy Be (Is. Antsiranana Prov.), Nosy Boraha (Is. Toamasina Prov.); Antsiranana, Mahajanga, Toamasina Provinces; ANG; COM: Mayotte Is.; c, n, s, w DOC: Bandundu, Bas-Congo, Kasai-Occidental, Kasai-Oriental, Katanga, Orientale Provinces; TAN: Zanzibar Is.
 wc AF: GAB
 e AF: “Kobbo, dans le pays de Gallas-Raias” [=n ETI: Amhara Reg.: Kobo]; Afar Reg.
 c AF: “Congo Belge, Lulonga: Befale” [=DOC: Équateur Prov.]; Bas-Congo, Kasai-Occidental, Kasai-Oriental Provinces; GAB
 s AF: [undescribed locality]; RSA
 wc AF: “Mount Cameroon” [=w CAM]
 s AF: “Natal” [=RSA: KwaZulu-Natal]; unknown (“Afrique occidentale” [=w AF] sn Chaudoir, 1879)
 w AF: “Sierra Leona” [=SLN]; BEN, BFO, GHA, GUI, s NRE, RCI, TOG
 “Guinea’s Goldküste; Berglande” [=GHA, GUI, SLN]
 w AF: GBI: Bubaque; sw SEN: Basse-Casamance [National Park]: Tabi près de Bignona
Basse-Casamance [National Park =sw SEN]
 e, ec, s AF: “Caffraria interior” [=n RSA, ZAM, ZIM]; ne ANG; DOC: Kasai-Occidental, Nord-Kivu Provinces; MAW, MOS: Maputo Prov.; RSA: Eastern Cape, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, North West, Western Cape Provinces; e TAN: Zanzibar Is.
 “Natal” [=se RSA: KwaZulu-Natal]
 e, se AF: “Afrique orientale Anglaise, environs du lac Nakuro” [=sc KEN: se Rift Valley Prov.: Nakuru Lake]; w MOS: Manica Prov.
 c AF: “Zaïre: Mont Kabobo, terr. d’Alberville, Haute-Kiyambi”; 1850m [=e DOC: ne Katanga Prov.]
 w AF: “Circa Palmas” [=se LIR: Cape Palmas]
 wc AF: “Guinea (ad flumen Gaboon)” [=Gulf of Guinea: n coast: BEN, BFO, CAM, GAB, GBI, GHA, GUI, LIR, NRE, RCI, SLN, TOG]
 w AF: “Old Calabar” [=s NRE]; Gulf of Guinea: n coast
 wc AF: CAM: Joko [=n Central Prov.: Yoko]
 e AF: “Adowa en Abyssinie” [=n ETI: Tigray Reg.: Mehakelegnaw Zone: Adwa]
 “Adoua, Abyssinie” [=n ETI: Tigray Reg.]
 wc AF: “Camerun: Mukonge Farm” [=w CAM: North West Prov.]
 “Camerun: Mukonge Farm” [=w CAM: North West Prov.]
 c AF: CON
 s, cw, w AF: “Sénégalie portugaise” [=GBI]; CAM, GUI, RCI, SEN, e ZIM
 “Southern Rhodesia (Umtali)” [=e ZIM: Manicaland Prov.: Mutare]
- 97 *gabonicus* Thomson, 1858
 98 *galla* (Raffray, 1886) *Eudema*
 99 *ghesquieri* Burgeon, 1930b
 100 *gibbosus* Péringuey, 1896
 101 *glaber* Bates, 1886b
 102 *gratiosus* (Chaudoir, 1879) *Epicosmus*
 103 *gratus* (Chaudoir, 1854) *Epicosmus*
 104 *grossus* (Hope, 1842) *Panagaeus*
 =*grandis* Imhoff, 1843 *Panagaeus*
 105 *guineensis* Basilewsky, 1987
 =*tropicus* Brivio, 1957 sn. Basilewsky, 1987
 106 *impictus* (Boheman, 1848) *Panagaeus*
 =*aequalitas* Thomson, 1856
 107 *jeanneli* Alluaud, 1930
 108 *kaboboanus* Basilewsky, 1987
 109 *klugii* (Hope, 1842) *Panagaeus*
 110 *laevifrons* (Schaum, 1863) *Isotarsus*
 111 *lafertei* Murray, 1857b
 112 *latemaculatus* Alluaud, 1930
 113 *latifrons* (Chaudoir, 1876) *Eudema*
 =*laticeps* Chaudoir, 1879
 114 *latipennis* Burgeon, 1930b
 =*preussi* [Kolbe in litt.] sn. Burgeon 1930b
 115 *lebaudyi* Alluaud, 1932
 116 *lepriurii* (La Ferté-Sénéctère, 1850) *Panagaeus*
 =*laticollis* Péringuey, 1904
 NN for *C. laticollis* Péringuey, 1904
 =*peringueyi* Csiki, 1929

- 117 *magnicollis* (Quedenfeldt, 1883b) *Eudema*
ssp. *magnicollis* s. str.
ssp. *discrepans* Basilewsky, 1987
- ssp. *inquinus* Basilewsky, 1987
- 118 *merus* Péringuey, 1904
- 119 *microcephalus* (Dejean, 1831) *Panagaetus*
- 120 *milzi* Duvivier, 1891
- 121 *mnizsechi* Chaudoir, 1879
- 122 *montivagus* Basilewsky, 1976
- 123 *muata* (Harold, 1878) *Eudema*
- 124 *nigrita* [Künckel d'Hercule, 1891 in litt]
(Alluaud, 1899) *Eudema*
- 125 *nobilis* (Dejean, 1826) *Panagaetus*
- 126 *opulentus* (Péringuey, 1898) *Eudema*
- 127 *ornatus* (Boheman, 1848) *Panagaetus*
=*difficilis* Chaudoir, 1879 *Epicosmus*
- 128 *oxygonus* (Chaudoir, 1861b) *Epicosmus*
- 129 *paromius* Basilewsky, 1987
- 130 *phenax* Basilewsky, 1987
- 131 *pretiosus* (Chaudoir, 1837) *Panagaetus*
- 132 *pseudofestivus* Burgeon, 1930b
- 133 *pungens* (Alluaud, 1895) *Epicosmus*
- 134 *reflexus* (Fabricius, 1775) *Carabus*
=*eximius* La Ferté-Sénéctère, 1850 *Panagaetus*
- 135 *regalis* (Gory, 1833) *Panagaetus*
=*sayersii* Hope, 1842 *Panagaetus*
=*pseudoreflexus* Basilewsky, 1954b
- 136 *rikatensis* (Péringuey, 1896) *Eudema*

sw AF: c, n ANG; s, w DOC, n ZAM
"Malange" [=n ALG: Malanje Prov.]
"Zaire: Lulua: Sandoa; Kafakumba" [=s DOC: Kasai-Occidental Prov.]; Parc. National de l'Upemba: Mbuye-Bata; Kabwe sur Muye; entre Mbuye-Bata et Katongo; Katongo; Kabwekanono; Kamamulenga; riv. Mubale; riv. Lusina; Masombwe; riv. Kamatshira [=Katanga Prov.]; ne ZAM: Abercorn [=Northern Prov.: Mbala]
"Zaire: Bas Zaire: Mayidi" [=w DOC: Bas-Congo Prov.]
s AF: "Southern Rhodesia (Umtali)" [=e ZIM: Manicaland Prov.: Mutare]; e DOC: Katanga, Nord-Kivu Provinces; ne TAN: Tanga Reg.
w AF: SEN; SLN; Gulf of Guinea: n coast: GBI
c AF: "Djabir-Bandja" [=n DOC: Équateur Prov.]
"Afrique occidentale" [=w AF]: Gulf of Guinea
e AF: ec TAN: Morogoro Reg.: Uluguru Mts.: Chenzema; 1700m
sw AF: "Innern der Lunda-Reich" [=ne ANG]
e AF: MAD

s AF: "Cap de Bonne-Espérance" [=s RSA]: Eastern Cape, KwaZulu-Natal, North West Provinces
s AF: "Natal (lower M'Komas River)" [=se RSA: KwaZulu-Natal, North West Provinces]; e ZIM, s MOS
e, s AF: "Caffraria interior" [=n RSA, ZAM, ZIM]; se DOC: Katanga Prov.; MOS, TAN
"Zambèze" [=probably w MOS, ne ZIM]
wc AF: GAB; Gulf of Guinea: n coast: BEN, CAM, DOC: Bas-Congo, Orientale Prov.; GHA, LIR, NRE, RCI, SLN, TOG
c AF: "Zaire, Bas-Uele, Api; Bambesa; Tukpwo; Moto; Parc national de la Garamba; Faradje; Andranga; Doruma-Niangara; Ituri: Haut-Congo; Niarembe; De Mahagi à Niarembe" [=ne DOC: Orientale Prov.]
c, wc, AF: CAM: Musake [=Southwest Prov.]; "Zaire: Tshuapa: Isekomboka sur la Maringa" [=w DOC: Équateur Prov.]; Kwango [=Bandundu Prov.]; Sankuru: Komi; Mwene-Ditu; Luisa [=Kasai-Oriental Prov.]
s AF: "Colonie du Cap" [=s RSA]: KwaZulu-Natal; North West Prov.; n ANG
ec AF: e UGA: Bukedi [Distr.]; Bukoba [Distr. =nw TAN: Kagera Reg.]; e DOC: Nord-Kivu, Sud-Kivu Provinces
e AF: n MAD: "montagne d'Ambre" [=Antsiranana Prov.: Amber Mts.]
"Coromandel" [=se IND (in error sn. Chaudoir, 1878 =w AF: Gulf of Guinea: n coast: GBI, GUI, RCI)]
"Sénégal portugaise" [=GBI] ("Guin. Lusit." [=GBI] sn. Laferté-Sénéctère, 1851b)
w AF: SEN; Gulf of Guinea: n coast: GBI, LIR
"Circa Palmas" [=se LIR: Cape Palmas]
"Suzana" [Reg. =GBI]
s, se AF: "Mozambique (Rikatla)" [=s MOS: Maputo Prov.]; ZAM

- 137 *ruficrus* (La Ferté-Sénéctère, 1851) *Isotarsus* w AF: “Guinée“ [=Gulf of Guinea: n coast: BEN, BFO, GHA, GUI, RCI, TOG]
- 138 *savagei* (Hope, 1842) *Panagaesus* c, w AF: “Circa Palmas“ [=se LIR: Cape Palmas]; ne DOC: Orientale Prov.; SSD
 =*raddoni* Hope, 1842 *Panagaesus*
 =*uelensis* Burgeon, 1930b
 “Circa Palmas“ [=se LIR: Cape Palmas]
 “Congo Belge: Moto, Haut-Uele“ [=Distr. =ne DOC: Orientale Prov.]; Bahr el Ghazal“ [=SSD]
 w AF: “Guin. Lusit.“ [=GUI]
- 139 *selenoderus* (La Ferté-Sénéctère, 1850) *Panagaesus* se AF: “Nyassaland“ (Nyika Mts.; 6000-7000ft; N° 97-152) [=n MAW]
- 140 *simplicicollis* Burgeon, 1930a e AF: s SOM: “Agoi“ [=Shabeellaha Hoose Reg.: Afooye]
- 141 *somaticus* Basilewsky, 1987 c AF: “Congo, Stanleyville“ [=nc DOC: Orientale Prov.: Kisangani]
- 142 *stanleyi* Alluaud, 1930 e AF: “Abyssinie“ [=ETI]; CON, DOC: Bas-Congo, Orientale Provinces; SSD
- 143 *stenocephalus* (Reiche, 1847) *Panagaesus* c, w AF: BEN, BFO, CAM, n DOC, GBI, GHA, GUI, LIR, RCI, SLN, TOG
- 144 *strachani* (Hope, 1842) *Panagaesus* ssp. *strachani* s. str. “Sierra Leona“ [=SLN]; BEN, BFO, n DOC: Orientale Prov.; GHA, GUI, RCI, TOG
 =*scabricollis* Imhoff, 1843
Panagaesus (uncertain)
 =*westermanni* La Ferté-Sénéctère, 1850
Isotarsus
 ssp. *depressus* Alluaud, 1929
 ssp. *monardi* Basilewsky, 1951a
 “Guinea’s Goldküste; Berglande“ [=GHA, GUI, SLN]
- 145 *strangulatus* Murray, 1857b “Côte d’Or“ [=GHA]; “Guinée“ [=Gulf of Guinea: n coast: BEN, BFO, GUI, RCI, TOG]
- 146 *subgratiosus* Basilewsky, 1987 ne DOC: “Bas-Uelé“ [Distr. =Orientale Prov.]
 n CAM: Nyaouanga [=North Prov.]
 w AF: “Old Calabar“ [=se NRE]; Gulf of Guinea: n coast
 s AF: “Transvaal: Woodbush Forest, Pietersburg dist.“ [Preserv., Polokwane Dist. =ne RSA: c Limpopo Prov.]; North West Prov.
- 147 *tetrastigma* (Chaudoir, 1850) *Epicosmus* w AF: “Sénégal et Sénégalie portugaise“ [=GBI, SEN]; Gulf of Guinea: n coast: BEN, BFO, GHA, GUI, RCI, TOG
 “Sénégalie portugaise“ [=GBI]
- =*sinuaticollis* La Ferté-Sénéctère, 1850
Panagaesus
- 148 *tropicus* (Hope, 1842) *Panagaesus* w AF: “Sierra Leona“ [=SLN]; DOC: Bandundu, Bas-Congo, Kasai-Oriental, Orientale Provinces; Gulf of Guinea: n coast: s NRE
 SLN
- =*conicus* Murray, 1857b e AF: Zanzibar [Is. =e TAN]; Kigoma, Tabora Regions;
 e, se DOC: Katanga, Maniema Provinces; MOS, ZAM, ZIM
- 149 *unicolor* Chaudoir, 1878 “Zambezia (Salisbury)“ [=ne ZIM: Harare Prov.]
 e AF: “pays Mahafaly (extrémité S.-O. de Madagascar)“ [=sw MAD: Toliara Prov.]
- =*zambesianum* Péringuey, 1896 *Eudema*
- 150 *volanus* (Alluaud, 1895) *Epicosmus*

- DISCHISSUS** Bates, 1873; T: *Dischissus mirandus* Bates, 1873 (species: 21)
 =*Carabus* Linnaeus, 1758; T: *Carabus granulatus* Linnaeus, 1758
 =*Panagaeus* Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758
 =*Craspedophorus* Hope, 1838; T: *Carabus reflexus* Fabricius, 1781
 (= *Carabus angulatus* Fabricius, 1781)
 =*Isotarsus* La Ferté-Sénéctère, 1851; T: *Panagaeus regalis* Gory, 1833
 =*Peronomerus* Schaum, 1854; T: *Peronomerus fumatus* Schaum, 1854
 =*Peronomus* Motschulsky, 1864 in error sn. Chaudoir, 1879
- mirandus group (Kirschenhofer, 2000):
- 1 *mirandus* Bates, 1873
 e AS: s JAP: w Kyushu Is.: Nagasaki [Pref.]; Hosnhu Is.; ce, ne, e CHI: Fuj, Gad, Gui, Gax, Hun, Jia, Sch, Shx, Zhe
 AS: e, se CHI: e Hun: Long Pou Pu near Zhu Zhou; Sch, Sgh, Hgk
 - 2 *tsengjialiae* Šustek, 1996
- notulatus group (Kirschenhofer, 2000):
- 3 *notulatus* (Fabricius, 1801) *Carabus*
 e, s, se AS: “Bengalia“ [=BAN, e IND]; e, s CHI, IDN: Sumatra Is., w MAL, MYA, PHI, SRL, THA, TWA; AU: e AUS: n, e, Qld, n Nsw
 “India orient. (Neelgheries)“ [=s IND: Tmd: Nilgiri Hills]
 “Indes Orientales“ [=BAN, IND, MYA]
Sumatra [Is. =w IDN]
 s CHI; Sumatra [Is. =w IDN]; w MAL
 e AS: JAP: Honshu, Kyushu, Shikoku, Tsushima Isl.; s CHI: Gad
 “Kushiu and Nippon“ [=JAP: Kyushu Is.]
 - =*longicornis* Schaum, 1863 *Craspedophorus*
 - =*quadrinotatus* Motschulsky, 1865 *Peronomus*
 - =*sumatranus* Dohrn, 1891 *Panagaeus*
 - =*tibialis* Andrewes, 1933b
 - 4 *japonicus* Andrewes, 1933b NN
 for *Dischissus quadrinotatus* Bates, 1873
 =*quadrinotatus* Bates, 1873
 (JH for Motschulsky, 1865)
 - 5 *phuongensis* Kirschenhofer, 1994
 se AS: n VIE: Cuc Phuong N. P. 100 km s Hanoi [=Ninh Binh Prov.]
- sapaensis group (Kirschenhofer, 2000):
- 6 *baehri* Kirschenhofer, 2000
 s AS: “Burma, Dawna“ [=se MYA: Kayin State: Dawna Ra Mts.]
 - 7 *dehradunensis* Kirschenhofer, 2000
 s AS: n IND: “Dehra D.“ [=Utp: Dehra Dun]
 - 8 *sapaensis* Kirschenhofer, 1994
 se AS: n VIE: Sapa (Lao Cai) [Prov.]; 22°20'N, 103°50'E
- indo-australian ugrouped species:
- 9 *alaticollis* Bates, 1892
 s AS: “Thagata (Tenasserim)“ [=s MYA: Tanintharyi Reg.]; Andaman Isl. (IND)
 - 10 *bisemilunatus* Xie & Yu, 1991
 AS: s CHI: Gax, Gui
 - 11 *borneensis* Frivaldszky, 1883
 se AS: nw Borneo Is.: “Insula Borneo ad fluvium Simunjon“ [=e MAL: w Sarawak State]
 - 12 *chaudoiri* Andrewes, 1919 NN
 for *Panagaeus cereus* (MacLeay, 1825 sn.) Chaudoir, 1869
 =*cereus* Chaudoir, 1869 =JH of W. S. Macleay, 1825 Java [Is. =w IDN]
 - 13 *formaster* Andrewes, 1936
 se AS: w IDN: Java, Sumatra Isl.
 - 14 *guttiferus* (Schaum, 1854) *Isotarsus*
 se AS: e Java Is.: Kediri; Bandoeng; Bojolangoe; Srabah; Toeloengagoeng [=w IDN: East Java Prov.]
 - 15 *hainanensis* Tian & Chen, 1997
 se AS: Java [Is. =w IDN]; Bali Is., ?Sumatra Is.
 - 16 *notulatoides* Xie & Yu, 1991
 AS: s CHI: Hai: Wuzhishan Mt.
 AS: s CHI: Hun

afrotropical species group:

- 17 *angularis* (Schaum, 1863) *Craspedophorus* w AF: “Guinea (Gaboon)” [=Gulf of Guinea: n coast: BEN, BFO, CAM, GAB, GBI, GHA, GUI, LIR, NRE, RCI, SLN, TOG]; ec DOC: Maniema Prov.
se AF: “Mozambique (Rikatla)” [=s MOS: Maputo Prov.]
w AF: “Sénégalie portugaise” [=GBI]; SEN
- 18 *amoenulus* Péringuey, 1896 cw AF: GAB; w DOC: Bas-Congo Prov.
e AF: Zanzibar [Prov. =e TAN]; Pemba Is.
- 19 *obscuricornis* (La Ferté-Sénéctère, 1850) *Panagaeus*
- 20 *pradierii* (Chaudoir, 1869b) *Epicosmus*
- 21 *repertus* Basilewsky, 1947

EPIGRAPHODES Basilewsky, 1967b; T: *Epigraphus congoensis* Burgeon, 1935 (species: 3)
=*Epigraphus* Chaudoir, 1869; T: *Panagaeus arcuatocollis* Murray, 1857b

- 1 *congoensis* (Burgeon, 1935) *Epigraphus* c AF: e, se DOC: s Orientale, Sud-Kivu, Katanga Provinces; ZAM
ssp. *congoensis* s. str. “Elisabethville” [=se DOC: Katanga Prov.: Lumumbashi]; s ZAM
ssp. *orientalis* Basilewsky, 1967b “Congo: Kibali-Ituri: Watsa; Mt. Hoyo, terr. Bunia; 1200-1300m [=e DOC: s Orientale Prov.]; Kivu: Luviro, terr. Kalehe; Kitutu, pont de Kitongo, terr. Mwenga; 650m; Uvira; Kalimabenge à Kambekula, terr. d’Uvira; Itombwe, Haute-Kalimabenge; 2400m; riv. Natulonge, terr. Fizi; rives de la Sandje, terr. de Fizi; 1300m; Lubondja, terr. Fizi; 1170m; Mokanga, terr. Fizi; 1170m [=Sud Kivu Prov.]; Tanganika: Bendera, terr. Albertville; 1000m; W. Lualaba: Kafakumba; Kapanga; Sandoa [=Katanga Prov.]; Urundi [=BUR]; Kibaro; 1250m; Rumonge
- 2 *kivuensis* (Basilewsky, 1955) *Epigraphus* c AF: “Congo Belge. Kivu: Contrefort Sud du Kahuzi, km. 27; 2200m; Luiko, S. O. Itombwe, terr. de Mwenga; 2380m; Bitale, Contrefort Ouest du Kahuzi; 1600m” [Mt. =e DOC: Sud-Kivu Prov.]
- 3 *uluguruanus* (Basilewsky, 1962) *Epigraphus* e AF: “Tanganyika Terr.: Uluguru Mts., Bunduki, moyenne Mgeta; 1300m; gorge de la Mungula; 1500m” [=ec TAN: Morogoro Reg.]

EPIGRAPHUS Chaudoir, 1869; T: *Isotarsus amplicollis* Schaum, 1854 (species: 7)
=*Panagaeus* Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758
=*Eudema* Laporte de Castelnau, 1840; T: *Panagaeus regalis* Gory, 1833
=*Isotarsus* La Ferté-Sénéctère, 1851; T: *Panagaeus regalis* Gory, 1833

- 1 *adoxus* Basilewsky, 1967b s, se AF: “Mozambique Luabo, près Sena [=ec MOS: Zambezia Prov.]; S. Rhodesia, Khami” [=w ZIM: Matabeleland North Prov.]
- 2 *amplicollis* (Schaum, 1854) *Isotarsus* ec, s AF: “Port-Natal” [=se RSA: KwaZulu-Natal]; BOW [sn. Schüle, in *Carabidae of the World*, 2010]; e DOC: Nord-Kivu Prov.; e MOS: Sofala Prov.

3 *arcuatocollis* (Murray, 1857b) *Panagaeus*

=*arcuaticollis* Chaudoir, 1878 in error
=*major* Basilewsky, 1951b

4 *congonicus* Basilewsky, 1967b

5 *differens* Basilewsky, 1967b

6 *fuscicornis* (Kolbe, 1883) *Eudema*

7 *insolitus* Bates, 1886c

w, we **AF**: “Old Calabar” [=se NRE]; BEN, CAM, w
DOC: Bac-Congo Prov.; GAB, GEQ, GHA, GUI, LIR,
RCI, TOG

“Massif du Nimba: Mont To, Camp I; 1600m; Kéoulenta”
[=e GUI, nw LIR, w RCI]

c **AF**: “Congo: Bas-Congo [Prov. =DOC]: Mayumbe,
Tshela; Tshuapa: Eala-Bokatole-Bikoro [=Équateur Prov.];
Congo. Kivu: P. N. Albert, Camp de la Rwindi [=Nord
Kivu Prov.]; Uvira; Itombwe; Kakozi; Kalimabenge à
Kambekula, terr. d’Uvira; rives de la Sandje, terr. de Fizi;
[=Sud Kivu Prov.]; Katanga [Prov.]; Sandoa; Parc. Nat.
Upemba, Kaziba et Munoi; Urundi [=BUR]: Rumonge;
Riv. Kidawe”

wc **AF**: “Guinée Espagnole, Benito” [=GEQ]; **GAB**:
Lambaréné

sw **AF**: nw **ANG**: Chinchoxo (sn. Quedenfeldt, 1883b);
CAM, DOC: Bas-Congo, Kinshasa, Orientale Provinces
wc **AF**: “Mount Cameroons” [=w CAM]; GUI, TOG

EUSCHIZOMERUS Chaudoir, 1850; T: *Euschizomerus buquetii* Chaudoir, 1850 (species: 15)

=*Panagaeus* Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758

=*Euschiromerus* Chaudoir, 1869b in error

=*Praeschizomerus* Kirschenhofer, 2000 (Sg.); T: *Euschizomerus caerulans* Andrewes, 1938

buqueti group (Kirschenhofer, 2000):

1 *aeneus* Chaudoir, 1869b

2 *buqueti* Chaudoir, 1850

=*nigripes* Burgeon, 1935

3 *denticollis* (Kollar, 1836) *Panagaeus*

=*aeneipennis* Chaudoir, 1869b

4 *indicus* Jedlička, 1956

5 *liebkei* Jedlička, 1932

6 *metallicus* Harold, 1879b

7 *nobilis* Xie & Yu, 1991

s **AS**: “Decan” [=probably BAN: Dhaka, e IND], s MYA
w **AF**: “Guinée” [=Gulf of Guinea: n coast]: CAM, GUI,
DOC, STP

“Porto Alegre” [=STP]

unknown, (s, se **AS**: “Indes Orientales” [=BAN, IND,
MYA] sn. Chaudoir, 1979); CAB, w IDN: Sumatra Is.; w
MAL, SRL

“Malaisie” [=w MAL]

s **AS**: “Indien: Bombay” [=w IND: Mhr: Mumbai]

e **AS**: c, se CHI: “Umg. Schanghai” [=Sgh]; Fuj, Gax, Jia,
Sch; JAP, TWA

s **AS**: “India or.” [=BAN, IND, MYA]

AS: sw CHI: Yun

elongatus group (Kirschenhofer, 2000):

8 *elongatus* Chaudoir, 1861b

9 *junodi* Péringuey, 1896

10 *oberthurii* Fairmaire, 1898

=*aeneipennis* Fairmaire, 1903 *Eudema*

11 *vatovai* Müller, 1941

ec, s **AF**: “Port-Natal” [=se RSA: KwaZulu-Natal]; e
DOC: Nord-Kivu Prov.

se **AF**: “Mozambique (Rikatla)” [=s MOS: Maputo Prov.];
e DOC: Sud-Kivu Prov.

e **AF**: ec **MAD**: “Forêt de Fito” [in error sn. Fairmaire,
1898]; “côte de Zanzibar” [=TAN: Zanzibar Is.]; n **MAD**:
Antsiranana Prov.

“Diego-Suarez” [=n **MAD**: Antsiranana Prov.]

e **AF**: “Aethiopia meridionalis: Lacus Margheritae in
regione Galla-Sidama” [=s ETI: Oromiya Reg.]

caerulans group (=Sg. *Praeschizomerus* Kirschenhofer, 2000):

- 12 *caerulans* Andrewes, 1938 s, se **AS**: e Java Is.: Kediri, Mount Kloet [=w IDN: East Java Prov.]; “Burma, Dawna” [=se MYA: Kayin State: Dawna Ra Mts.]; s IDN: Nusa Tenggara Barat Prov.: Lombok Is.; sw CHI: Yun; w MAL, VIE, THA
se **AS**: PHI
PHI: s Luzon [Is.: Calabarzon Reg.]: Laguna Province, Mt. Maquiling
PHI: ne Panay [Is.: Western Visayas Reg.]: Capiz Province, Culasi
- 13 *rufipes* Heller, 1921
ssp. *rufipes* s. str.
ssp. *pilosus* Heller, 1923
- 14 *schuhi* Kirschenhofer, 2000 s **AS**: wc IND: Mhr: Lonvala, 80 km e Bombay; Goa [Mhr], Benaulin Beach, 5 km w Margao
- 15 *vitalisi* Vuillet, 1912 se **AS**: CAB: Pnom Penh; IDN: Borneo Is., Sumatra Is.; w MAL, s VIE

GEOBIOUS Dejean, 1831; T: *Geobius pubescens* Dejean, 1831 (species: 1)
=*Philogeus* Blanchard, 1845 NN for *Geobius* Dejean, 1831 sn. Agassiz, 1847

- 1 *pubescens* Dejean, 1831 s **AM**: “environs de Buenos-Aires” [=e ARG: Bua]

MICRIXYS Le Conte, 1854 NN for *Eugnathus* Le Conte, 1853 (species: 2)
=*Eugnathus* Le Conte, 1853; T: *Panagaeus distinctus* Haldeman, 1852

- 1 *distinctus* (Haldeman, 1852) *Panagaeus* c, n **AM**: s, sw, w USA: Nme: near S[an]ta. Fe; Ari, Tex; MEX: Agu, Chh, Coa, Dur, Guj, Son, Zac
- 2 *mexicanus* Van Dyke, 1927 c **AM**: w MEX: Sin: “Venedio” [=Sierra Madre Occidental: w sl.: El Venedillo, near. Mazatlan]

MICROCOSMODES Strand, 1936 NN for *Microcosmus* Chaudoir, 1879 (species: 24)
=*Panagaeus* Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758
=*Craspedophorus* Hope, 1838; T: *Carabus reflexus* Fabricius, 1781
(=*Carabus angulatus* Fabricius, 1781)
=*Microcosmus* Chaudoir, 1879 =JH of Heller, 1877; T: *Panagaeus cruciatus* Dejean, 1831
=*Microschemus* Andrewes, 1940 NN for *Microcosmus* Chaudoir, 1879

- 1 *amabilis* (Dejean, 1831) *Panagaeus* w **AF**: SEN: Gulf of Guinea: n coast: GHA, GUI, GBI, RCI, SLN
- 2 *angolensis* (Chaudoir, 1879) *Microcosmus* sw **AF**: ANG
- 3 *chaudoiri* (Raffray, 1886) *Eudema* e **AF**: “les hauts plateaux du Hamacen, du Hasta et du Damotkonene” [=n ETI: Tigray Reg.]
- 4 *cheranganensis* (Burgeon, 1936b) *Microcosmus* e **AF**: w KEN: Chip Cherangani [Hills], st. 32; 3500m; Aberdare Mts.: w Sl.: Kinangop [Plateau], st. 45; 2600m [=Rift Valley Prov.]
- 5 *cruciatus* (Dejean, 1831) *Panagaeus* w **AF**: SEN; GAM, Gulf of Guinea: n coast
- 6 *diversopictus* Basilevsky, 1949 se **AF**: “Afrique Orientale Portugaise, Xinavane” [=n MOS: Cabo Delgado Prov.]
- 7 *elegans* (Barker, 1922) *Microcosmus* s **AF**: “Natal, Durban; Isispingo” [=se RSA: KwaZulu-Natal Prov.]

- 8 *flavopilosus* (La Ferté-Sénectère, 1851) *Isotarsus* e, s, se **AS**: “India bor.“ [=ne IND, n BAN (sn. Chaudoir, 1879)]; s, e **CHI**: Anh, Fuj, Gui, Hub, Shx, Sgh, Sch, Yun; w **IDN**: Sumatra Is.; **JAP**: Lakkadive Isl. (IND); **NEP**, **TWA**, **THA**, **VIE**
 =*transversus* Motschulsky, 1865 *Epicosmus* “Indes Orientales“ [=BAN, IND, MYA]; **NEP**
 9 *grandis* (Basilewsky, 1946a) *Microschemus* w **AF**: “Haute Volta, Pundu“ [=BFO]; **GBI**, **SEN**
 10 *laetiuncululus* (Chaudoir, 1879) *Microcosmus* s **AF**: “lac N’gami“ [=nw BOW: Ngami Lake]; e **RSA**: KwaZulu-Natal, Mpumalanga Provinces
 =*aurantiacus* Chaudoir, 1879 *Microcosmus* “lac N’gami“ [=nw BOW: Ngami Lake]
 =*laetus* Boheman, 1848 *Panagaeus* “Portus Natalensis“ [=se RSA: KwaZulu-Natal Prov.]
 11 *laetus* (Dejean, 1831) *Panagaeus* w, wc **AF**: **SEN**; **BFO**, **CAM**, **GBI**, **NIG**, **RCI**
 12 *luebberti* (Kuntzen, 1919) *Microcosmus* sw **AF**: “Deutsch-Südwestafrika“ [=NAB]
 13 *marakwetianus* (Burgeon, 1936b) *Microcosmus* e **AF**: c **KEN**: Marakwet [Distr.]: Campi Cherangani [Hills], st.31; 3000m; Chip Cherangani [Hills], st. 32; 3500m [=Rift Valley Prov.]
 14 *natalensis* (Peringuey, 1896) *Microcosmus* s **AF**: “Natal (Maritzburg; Frere; D’Urban; Tugela River)“ [=se RSA: KwaZulu-Natal Prov.]
 15 *perrieri* Jeannel, 1949 e **AF**: e, c, s, w **MAD**: Maevatanana [Dist. =Mahajanga Prov.: Betsioka Reg.]; Betroka [=Toliara Prov.]; Sahambava [Fianarantsoa Prov.: Haute Matsiatra Reg.]; Andranofotsy, près de Maroanetra; s of Antongil Bay [=Toamasina Prov.: Analanjirofo Reg.]
 16 *pierronii* (Fairmaire, 1880a) *Microcosmus* e **AF**: Nossi-Bé [=n MAD: Nosy Be (Is. Antsiranana Prov.)]
 17 *planicollis* (Chaudoir, 1879) *Microcosmus* e **AF**: “Abyssinie“ [=ETI]: Somali Reg.; se **SOM**: Shabeellaha Dhexe Reg.
 18 *quadrimaculatus* (Csiki, 1907) *Trichisia* **AU**: New Guinea Is.: “D. Neuguinea, Friedrich-Wilhelmshafen“ [=n PNG: Madang Prov.]; s **PNG**; e **IDN**: Irian Jaya (=West Papua); ne **AUS**: ne **Nsw**; n, e **Qld**
 19 *quadrinotulatus* (Motschulsky, 1864) *Epicosmus* s **AF**: “Cap de Bonne-Espérance“ [=s **RSA**]
 20 *symei* (Murray, 1857b) *Craspedophorus* w **AF**: “Old Calabar“ [=se **NRE**]; **SEN**; **GAM**, Gulf of Guinea: n coast: **GBI**
 21 *tenuipunctatus* (La Ferté-Sénectère, 1851) *Isotarsus* “India bor.“ [in error, =s **AF**: “Cap de Bonne-Espérance“ (=s **RSA**) sn. Chaudoir, 1879]; Eastern Cape, Free State, KwaZulu-Natal, Limpopo, Northern Cape, North West, Western Cape Provinces
 =*notulatus* Dejean, 1826 *Panagaeus* =JH of Fabricius, 1801 “Cap de Bonne-Espérance“ [=s **RSA**]
 =*marginicollis* (Schaum, 1853) *Panagaeus* NN for *Panagaeus notulatus* Dejean, 1826
 22 *vadoni* Jeannel, 1949 e **AF**: ne **MAD**: Maroanetra [=Toamasina Prov.]
 23 *vicinus* (Murray, 1857b) *Craspedophorus* w **AF**: “Old Calabar“ [=se **NRE**]; **DOC**: Bas-Congo, Kinshasa, Orientale Provinces; Gulf of Guinea: **BEN**, **BFO**, **CAM**, **GAB**, **GBI**, **GHA**, **GUI**, **LIR**, **RCI**, **SLN**, **TOG**
 =*exaratus* Schaum, 1863 *Craspedophorus* “Guinea (Gaboon)“ [=Gulf of Guinea: n coast, **GAB**]
 24 *villosulus* (Chaudoir, 1879) *Microcosmus* w **AF**: “Sénégal portugaise“ [=GBI]; **GHA**

PANAGAEUS Latreille, 1802; T: *Carabus cruxmajor* Linnaeus, 1758 (subgenera: 2; species: 14)
 =*Carabus* Linnaeus, 1758; T: *Carabus granulatus* Linnaeus, 1758

PANAGAEUS s. str.

- 1 *abei* Nakane, 1997

e **AS**: nc **JAP**: n **Honshu** [Is.: n Tohoku:] Shimoshigeta, Nakasato, Kita-gun, Aomori Pref.

2 *bipustulatus* (Fabricius, 1775) *Carabus*

=*quadripustulatus* Sturm, 1815
=*laticollis* Letzner, 1851
=*putzeysi* Preudhomme de Borre, 1878
=*communimacula* Fiori, 1883
=*conjunctus* Everts, 1893
=*borrei* Csiki, 1929
=*piacenzae* Dellabeffa, 1983 nomen dubium

3 *coreanus* Nakane, 1997

4 *cruxmajor* (Linnaeus, 1758) *Carabus*

=*nobilis* Goeze, 1777 *Carabus*
=*equestris* Geoffroy, 1785 *Buprestis*
=*bipustulatus* Olivier, 1795 *Carabus*
=*crux* Gyllenhal, 1810
=*trimaculatus* Dejean, 1826

=*vicinus* Gory, 1833
=*elongatus* Mannerheim, 1842
=*connexus* Letzner, 1851
=*laticollis* Letzner, 1851
=*maculatus* Letzner, 1851
=*pustulatus* Letzner, 1851
=*tibialis* Letzner, 1851
=*vittatus* Letzner, 1851
=*schaumi* Ganglbauer, 1892

=*centromaculatus* Everts, 1914

5 *dauidi* Fairmaire, 1887b

6 *japonicus* Chaudoir, 1861b

=*rubripes* A. Morawitz, 1862
=*japonicus* Jedlička, 1962 *Craspedophorus*

7 *relictus* Semenov & Bogachev, 1938

8 *robustus* A. Morawitz, 1862

ssp. *robustus* s. str.
ssp. *nipponensis* Bates, 1883

HOLOGAEUS Ogueta, 1966; T: *Panagaeus crucigerus* Say, 1823

9 *asuai* Ogueta, 1966

10 *cruciger* Say, 1823

=*lapidarius* Chevrolat, 1835

EU: “Anglia“ [=se GBR: England]; ALB, AUT, BEL, BaH, BUL, BYE, CRO, CZE, DEN, EST, FIN, FRA, GER, GRE, HUN, ITA, LAT, LIT, LUX, MOL, NED, POL, ROM, RUS: Cet, Not, Sot; SLK, SLO, SPA, SVE, SWI, TUR, UKR, YUG; w **AS:** IRN, ISR, TUR

“Österreich“ [=AUT]

“Schlesien“ [=sw POL]

BEL

nc ITA

ec NED: Gelderland: Goor

Piacenza [=n ITA: Emilia-Romagna Prov.]

e **AS:** “Corea: Uchi-kongo“ [=se NCO: Kangwŏn Prov.: T’aebaek San: Kŭmgang-San (=Diamond Mts.)]

EU: ALB, AUT, BEL, BaH, BUL, BYE, CRO, CZE, DEN, EST, FIN, FRA, GBR, GER, GRE, HUN, ITA, LAT, LIT, LUX, MOL, NED, NOR, POL, POR, ROM, RUS: Cet, Not, Sot; SLK, SLO, SPA, SWI, TUR, UKR, YUG; nw **AF:** MOR; w **AS:** IRN, ISR, SVE, w KAZ, RUS: Esb, Wsb; TUR

EU

“Fontainebleau“ [=nc FRA]

SVE

“France: Sarthe département [=w FRA]; Vienne [=AUT];

Italie“ [=ITA]

“Brésil“ [=BRA (in error sn. Schaum, 1853)]

“Persia occid.“ [=w IRN]

“Schlesien“ [=sw POL]

“Schlesien“ [=sw POL]

“Schlesien“ [=sw POL]

“Schlesien“ [=sw POL]

“Schlesien“ [=sw POL]

“Schlesien“ [=sw POL]

“Ueber ganz Europa [=EU]; [nw, w **AS:]** Kleinasien, Caucasus, s Siberia“

“op Walcheren bis Westkapelle“ [=sw NED: w Zeeland]

e **AS:** ne CHI: “environs de Pékin“ [=Bei]; Hen, Hub; NCO

e **AS:** n **JAP:** Hokkaido Is.; RUS: Fea; ce, e CHI, NCO

“Jesso“ [=n JAP: Hokkaido Is.]

JAP

c **AS:** “Fergana septentrionali-orientali (Turkestan): prope Arslan-bob“: 1600m [=nw KIR: Jalalabad Prov.]; TAJ, TUM, UZB; nw CHI: Xij

e **AS:** JAP, RUS: Fea

n JAP: “Jesso“ [=Hokkaido Is.]

s JAP: Honshu Is.: “plains of Fujisan“ [=Fuji Mt. env.];

RUS: Fea

c **AM:** DOM: Santo-Domingo

n **AM:** e USA: e Mar: beach of Senipuxten; Flo, Gor, Ina,

Lou, Mso, Nca, Nje, Nyo, Pen, Sca, Vir

“New-Orléans“ [=s USA: Lou, Mso]

- 11 *fasciatus* Say, 1823
 12 *panamensis* La Ferté-Sénéctere, 1851
 13 *quadrisignatus* Chevrolat, 1835
 =*mexicanus* Putzeys, 1846
 =*thomae* Schaum, 1854
 14 *sallei* Chaudoir, 1861b
- “Amer. bor.“ [=n AM]: s CAN: Ont; e USA: Flo, Gor, Ina, Kan, Lou, Nca, Nyo, Pen, Sca, Vir; PUR
 c AM: PAN; ECU
 c AM: “Mexique“ [=MEX]: Oax, Ver; CUB, PUR; Usv (USA): St. Thomas Is.
 “Mexique“ [=MEX:] Oax
 “Île de Saint-Thomas“ [=Usv (USA): St. Thomas Is.]
 n, c AM: “Mexique“ [=MEX:] [Ver:] Cordova; Oax, Pub; s, sw USA: s Ari, Nme, Tex

P A R E G R A P H U S Basilewsky, 1967a; T: *Trichisia krusemani* Basilewsky, 1948 (species: 1)

- 1 *krusemani* (Basilewsky, 1948) *Trichisia* s AF: “Natal“: National Park; 1500-200m [=se RSA: KwaZulu-Natal Prov.]

P E R O N O M E R U S Schaum, 1854; T: *Peronomerus fumatus* Schaum, 1854 (species: 6)

- 1 *auripilis* Bates, 1883
 2 *fumatus* Schaum, 1854
 =*aeratus* Chaudoir, 1861b
 =*nigrinus* Heller, 1916
 3 *hornabrooki* Darlington, 1971
 4 *nigrinus* Bates, 1873
 5 *sagitticollis* Louwerens, 1954
 6 *xanthopus* Andrewes, 1936
- e AS: JAP: Honshu Is.: “Ogura Lake; Tokio: Uyeno and Honjo“; ne CHI: Bei, Heb, Hei, Jil, Lin; RUS: Fea
 e, s, se AS: e, se CHI: Hgk, Fuj, Gad, Gax, Heb, Jis, Sch, Sgh, Shn, Shx, Zhe; BAN, w IDN: Sumatra Is., IND, JAP, PHI, RUS: Fea; SRL, VIE; AU: ne PNG: Bismarck Archipelago: New Britain Is.
 “Dekkan“ [plateau =c IND =“Dacca in Bengal“ (=BAN: Dhaka) sn. Bates, 1873]
Luzon [Is. =c PHI: Calabarzon Reg: Laguna Prov.]: Mt. Makiling
 AU: ne New Guinea Is.: “N.-E. N. G., Sepik, Main River“ [=n PNG: East Sepik Prov.]
 e AS: s JAP: w Kyushu Is.: Nagasaki Prefecture; “Mitsuyama“ [=n Shikoku Is.: Ehime Prefecture: Matsuyama]
 se AS: c IDN: e Borneo Is.: Balikpapan, Mentawir River; 50m; Samarinda, Muarakaman; 50m [=Kalimantan Timur Prov.]
 se AS: “Mid Java [Is. =c, w IDN: Jawa Tengah Prov.]: Patimocan“; w Sulawesi Is.; se CHI: Jia, Yun; PHI; AU: s PNG

P S E C A D I U S Alluaud, 1911 NN for *Isotarsus* Chaudoir, 1878 (species: 4)
 =*Isotarsus* La Ferté-Sénéctère, 1851; T: *Panagaesus regalis* Gory, 1833

- 1 *alluaudi* Vuillet, 1911
 =*sommeri* Chaudoir, 1878 *Isotarsus*
 2 *eustalactus* (Gerstaecker, 1867) *Craspedophorus*
 ssp. *eustalactus* s. str.
 ssp. *harrarensis* Alluaud, 1911
- se AF: “Mozambique“ [=MOS]
 “Mozambique“ [=MOS]
 e AF: ne DOC, ETI, KEN, SOM, n TAN
Jipe [Lake =ne TAN: Kilimanjaro Reg.]; Arusha Reg.; ne DOC: Orientale Prov.; KEN
 “Harrar (Abyssinie)“ [=e ETI: Harari Reg.]

- ssp. *pustulosus* (Raffray, 1886) *Craspedophorus* “plateaux de l’Enderta (Abyssinie)”: 2000m [=n ETI: Tigray Reg.: Debubawi Zone]; Afar, Harari Regions
- ssp. *somalus* Müller, 1941 “Mogadiscio in Somalia italica” [=se SOM: Banaadir Reg.: Moqdisho]; Jubbada Dhexe, Gedo Regions
- 3 *eximius* (Sommer, 1852) *Panagaeus* se AF: “côte de Mozambique” [=e MOS]; se TAN: Mbeya Reg.
- =*someri* Chaudoir, 1861b *Isotarsus* “côte orientale de l’Afrique” [=e MOS, se TAN]
- 4 *oberthueri* (Gestro, 1895) *Isotarsus* se AF: “Nyassa” [=n MOS: Cabo Delgado, Niassa Provinces]; MAW, sw TAN, ne ZAM

T E F F L U S Leach, 1819; T: *Carabus meyerlei* Fabricius, 1801 (species: 15)

- =*Archotefflus* Kolbe, 1903 (Sg); T: *Tefflus raffrayi* Chaudoir, 1874
- =*Mesotefflus* Kolbe, 1903 (Sg); T: *Tefflus muata* Harold, 1878
- =*Stictotefflus* Kolbe, 1903 (Sg); T: *Tefflus carinatus* Klug, 1853
- =*Heterotefflus* Kolbe, 1904 (Sg); T: *Tefflus hamiltoni* Bates, 1871
- =*Alexotefflus* Basilewsky, 1935 (Sg.); T: *Tefflus juvenilis* Gerstaecker, 1871

meyerlei group (=Sg. *Tefflus* s. str.) Häckel sn. Basilewsky, 1946b

- 1 *kilimanus* Kolbe, 1897b e AF: “Kilimandjaro” [=ne TAN: Kilimanjaro Reg.]; “Madschame im Tschagga-Lande [=Kilimanjaro Mt.: Machame vill.]; 1500m; Kulturregion (=in Dschagga Land)” [=Kilimanjaro Mt.: Chagga villages]; 1500-1900m
- =*zanzibaricus* Alluaud, 1926 in part Kibonoto [=ne TAN: Kilimanjaro Reg.]
- 2 *meyerlei* (Fabricius, 1801) *Carabus* c, e, s, w AF BEN, BFO, CAM, CON, DOC, ERI, ETI, GAB, GAM, GBI, GHA, GUI, KEN, LIR, MLI, MOS, NIG, NRE, RCA, RCI, RSA, SEN, SLN, SSD, SWA, TAN, TOG, UGA, ZAM, ZIM
- ssp. *meyerlei* s. str. “Guinea” [=Gulf of Guinea: n coast: BEN, BFO, GAM, GBI, GHA, GUI, LIR, MLI, NIG, NRE, RCI, SEN, SLN, TOG]
- =*meyerlei* Fabricius, 1801 *Carabus* (in error sn. Sternberg, 1910)
- =*planifrons* Murray, 1857a “Old Calabar” [=se NRE]
- =*aschantiensis* Sternberg, 1910a “Aschanti” [=w GHA]
- =*curtipennis* Sternberg, 1910a GUI
- =*fortigranulis* Sternberg, 1910a “Akropong (bei Accra) [=s GHA]; Aschanti” [=w GHA]; GUI; “Alt-Calabar” [=se NRE].
- =*dispar* Sternberg, 1910a “Goldküste ?” [GHA]
- =*guineensis* Sternberg, 1910a “Accra, Guinea (Goldküste)” [=s GHA]
- =*honestus* Sternberg, 1910a “Aschanti” [=w GHA]
- =*leonensis* Sternberg, 1910a SLN
- =*modestus* Sternberg, 1910a locality unknown
- =*pretiosus* Sternberg, 1910a “Afr. occid. Accra” [=s GHA]
- =*principatus* Sternberg, 1910a NIG
- =*senegambiensis* Sternberg, 1910a “Sedhiou am Casamence-Fluß” [=s SEN]
- =*nigeriensis* Sternberg, 1910a “Asaba (Unterer Niger) [=sc NRE]; Lagos” [=sw NRE]; “Afr. occid.” [=w AF]
- =*senegalensis* Sternberg, 1910a SEN
- ssp. *chaudoiri* Raffray, 1882 “Abyssinie (Bogos)” [=sw ERI: Gash-Barka Reg.]; ETI: Harari, Oromiya Regions

ssp. *delegorguei* Guérin-Ménéville, 1845

=*bodongi* Sternberg, 1910a

=*consimilis* Sternberg, 1910a

=*delagoanus* Sternberg, 1910a

=*dissimilis* Sternberg, 1910a

=*kafuensis* Péringuey, 1909

=*litoralis* Sternberg, 1910a

=*megerlei* Bertoloni, 1845

=*procerus* Klug, 1853

=*sumptuosus* Sternberg, 1910a

ssp. *deplanatipennis* Sternberg, 1910a

ssp. *fischeri* Kolbe, 1897b

ssp. *giganteus* Sternberg, 1910a

=*delegorguei* Gredler, 1877

=*chaudoiri* Kolbe, 1904a (in part.)

=*megerli* Duvivier, 1892 in error

=*corpulentus* Sternberg, 1910a

=*sexangulatus* Sternberg, 1910a

ssp. *hacquardi* Chaudoir, 1883

=*amabilis* Sternberg, 1910a

=*angustistriis* Sternberg, 1910a

=*consanguineus* Sternberg, 1910a

=*convexicollis* Sternberg, 1910a

=*delegorguei* Chaudoir, 1878

“Massilicatzi“ [=Massilicatze Südost-Afrika reg.: 23°80′-25°S, 27°-29°E (=c, s MOS: Gaza, Inhambane, Maputo Provinces) sn. Quedenfeldt, 1883a]; Cabo Delgado, Manica, Nampula, Niassa, Sofala, Tete, Zambezia Provinces; s MAW; RSA: Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, North West Provinces; SWA, TAN: Lindi Reg.; ZAM, ZIM

“Umtali (Manika-Land, Rhodesia)“ [=e ZIM: Mutare Prov.]; Zomba (Brit. S.-O.-Afrika)“ [=s MAW] locality unknown

“Inhambani“ [=se MOS: Inhambane Prov.]; Nord-Transvaal [=nw RSA: Limpopo Province]; Rikatla [=s MOS: Maputo Prov.]; Zambezi [=ZAM, ZIM]; Transvaal [=ne RSA: Gauteng, Limpopo, Mpumalanga, North West Provinces]; Ost-Afrika [=TAN]; Mozambique [=MOS]; Natal [=se RSA: KwaZulu-Natal Prov.]; Deutsch-Ost-Afrika (Lindi) [=se TAN: Lindi Reg.]; Zomba (Brit. Nyassaland) [=s MAW]; Delagoa-Bai“ [=s MOS: Maputo Prov.]

“Delagoa-Bai“ [=s MOS: Maputo Prov.: Maputo-Baía]

“North-West Rhodesia (Kafue River)“ [=c ZAM]

“Sikumba am Maputa-Fluß“ [=sw MOS: Maputo Prov.]

“Inhambane“ [Prov. =se MOS]

“Senna“ [s MOS: ne Sofala Prov.: Villa de Sena]

“Beira (Portug. Ost-Afrika)“ [=c MOS: Sofala Prov.]; Ost-Afrika“ [=TAN]

“Famaca (am weißem Nil)“ [=SSD]

“Südöstlich vom Victoria-Nyansa“ [=nw TAN: Mwanza Reg.: se of Ukerewe Lake]; s, se UGA

“Congo; Congostaat; Zongo (Mokoanghai, Ubangi Fl.); Libengei (Ubangi Fl.)“ [=nw DOC: Équateur Prov.]; Djabbi (Ht. Uëlle)“ [=Orientale Prov.]; Maniema Prov.; CAM, CON, GAB, RCA, SSD Gondokoro [=w SSD]

“Djabbit“ [=nw DOC: Équateur Prov.]

“Djabir-Bandja“ [=nw DOC: Équateur Prov.]

“Banzville, (Uëlle Fl.); Uërre Fl. (Nebenfluß der Uëlle Fl.)“ [=ne DOC: Orientale Prov.]

CON

“Zanguebar [=e TAN]; Mhonda“ [=Zanzibar Is.: Mahonda Reg.]; Arusha, Dar es Salaam, Dodoma, Iringa, Lindi, Pwani, Manyara, Mbeya, Morogoro, Mtwara, Ruvuma, Tanga Regions; se DOC: Katanga Prov.; se KEN, n MAW, n MOS: Niassa Prov.; ne ZAM

“Deutsch-Ost-Afrika“ [=TAN]

“Deutsch-Ost-Afrika (Morogoro) [Reg.=e TAN]; Ost-Afrika“ [=TAN]

“Deutsch-Ost-Afrika (Dar es Salaam [Reg. =e TAN]); Lukuledi [=Mtwara Reg.]; Usambara [=Tanga Reg.]; Ugogo [=n Iringa Reg.]; Manow“ [=Mbeya Reg.]

“Deutsch-Ost-Afrika [=TAN]; Nairobi [Prov.] (Brit. N.-O.-Afrika [=sc KEN]); Tanga [Reg.=ne TAN]; Mamboia“ [=Morogoro Reg.]

“Mhonda“ [=e TAN: n Zanzibar Is.: Mahonda Reg.]

= <i>distinguendus</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Dar es Salaam)</u> [Reg. =e TAN]; <u>Lukuledi</u> [=se TAN: Mtwara Reg.]; <u>Usambara</u> ; <u>Nguelo</u> [=Tanga Reg.]; <u>Messailand</u> “ [=Arusha Reg.]
= <i>egregius</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Dar es Salaam)</u> [Reg. =e TAN]; <u>Usambara</u> “ [=ne TAN: Tanga Reg.]
= <i>gondokoroensis</i> Sternberg, 1910a	“ <u>Gondokoro (Weißer Nil)</u> “ [=SSD (by error sn. Basilewsky, 1946)]
= <i>hintzi</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Dar es Salaam)</u> [Reg. =e TAN]; <u>Ugogo</u> [=n Iringa Reg.]; <u>Usambara</u> ; <u>Nguelo</u> [=Tanga Reg.]; <u>Npugwe</u> “ [=Zanzibar Is.: Pingwe]
= <i>inaequalicostis</i> Sternberg, 1910a	“ <u>Ost-Afrika</u> “ [=TAN]
= <i>insignis</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Muapua)</u> “ [=c TAN: Dodoma Reg.]
= <i>interrogationis</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Dar es Salaam)</u> [Reg. =e TAN]; <u>Manow</u> “ [=Mbeya Reg.]
= <i>latisulcatus</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Bagamojo; Usambara)</u> [=ne TAN: Tanga Reg.]; <u>Manow</u> [=Mbeya Reg.]; <u>Zanguebar</u> “ [=e TAN, ne MOS]
= <i>massaiensis</i> Sternberg, 1910a	“ <u>Massai (Deutsch-Ost-Afrika)</u> “ [=n TAN: Arusha Reg.]
= <i>megerlei</i> Harold, 1879a	<u>Haut Luapula</u> [Riv.]; <u>Kambove</u> [=se DOC: Katanga Prov.]
= <i>oblongicollis</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Dar es Salaam)</u> [Reg. =e TAN]; <u>Lindi</u> [Reg.]; <u>Usambara</u> [=Tanga Reg.]; <u>Amani</u> “; MOS
= <i>opaculus</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika (Tanga)</u> [Reg. =ne TAN]; <u>Lukuledi</u> [= Mtwara Reg.]; <u>Nyassa-See</u> “ [=Ruvuma Reg.]
= <i>planicostis</i> Sternberg, 1910a	<u>Zanzibar</u> [Is. =e TAN]; “ <u>Deutsch-Ost-Afrika (Manow)</u> [=sw TAN: Mbeya Reg.]; <u>Mamboia</u> “ [=n MOS: Niassa Prov.]; MOS
= <i>vicinus</i> Sternberg, 1910a	“ <u>Deutsch-Ost-Afrika ?</u> “ [=TAN]
3 <i>tenuicollis</i> Fairmaire, 1894	c AF : n ANG, DOC, RWA, UGA
ssp. <i>tenuicollis</i> s. str.	“ <u>Haut Congo</u> “ [=c, n DOC: upper Congo Riv.: Équateur, ne Kasai-Oriental, w Orientale Provinces]; Bandundu, Maniema Provinces
= <i>orientalis</i> Basilewsky, 1932a	“ <u>Aruwimi</u> ; <u>Barumbée</u> ; <u>Ituri</u> ; <u>Lula</u> “ [=n DOC: Orientale Prov.]
= <i>planifrons</i> Kolbe, 1886	“ <u>Jbembo</u> “ [=n DOC: Équateur Prov.: Ibembo]
ssp. <i>debilicostis</i> Sternberg, 1910a	“ <u>Malange</u> [=n ANG: Malanje Prov.]; <u>Kuango</u> [=w DOC: s Bandundu Prov.]; <u>Ht. Congo</u> [=upper Congo Riv.: ne Kasai-Oriental Prov.]; <u>Leopoldville (Unterer Congo)</u> [=Kinshasa Prov.]; <u>Manghai (Kassai)</u> ; <u>Beni Bendi (Sankuru)</u> [=Kasai-Oriental Prov.: Bena-Bendi]; <u>Lulua [District]</u> ; <u>Luluaburg</u> [=Kananga]; <u>Mukenge</u> “ [=Kasai-Occidental Prov.]; Bas-Congo Prov.
= <i>tenuicollis</i> Kolbe, 1904a (in part)	“ <u>Mukenge in Baluba-Land</u> [=DOC: Kasai-Occidental Prov.]; <u>Ober-Maringa</u> [=Équateur Prov.: upper Maringa Riv.]; <u>Ober-Congo</u> [=upper Congo Riv.: Équateur, ne Kasai-Oriental Provinces]; <u>Luluaburg</u> [=Kasai-Occidental Prov.: Kananga]; <u>Beni-Bendi am Sankuru</u> [=nw Kasai-Occidental Prov.: Bena-Bendi]; <u>Kassai</u> [=Kasai-Occidental, Kasai-Oriental Provinces]; <u>Malange</u> “ [=n ANG: Malanje Prov.]
ssp. <i>gracilentus</i> Kolbe, 1897b	“ <u>bei Karimi in N. Ussongora, nördlich vom Albert-Eduard-See</u> [=ne DOC: Orientale Prov.: Ituri Dist.: Irumu env.]; <u>bei Undussuma, südwestlich vom Albert-Nyansa</u> “ / Nord-Kivu Prov.]; Sud-Kivu Prov.; RWA, s UGA
= <i>intermedius</i> Sternberg, 1910a	s UGA: “ <u>Ntebbe</u> “ [=Entebbe]

4 *zanzibaricus* Kolbe, 1886

ssp. *zanzibaricus* s. str.

ssp. *alluaudi* Sternberg, 1909

=*australis* Sternberg, 1910a
ssp. *finitimus* Kolbe, 1895

ssp. *gogonicus* Kolbe, 1897b

ssp. *kivuensis* Basilewsky, 1946b
ssp. *nyassicus* Kolbe, 1903

ssp. *praecursor* Kolbe, 1903

5 *zebulianus* Raffray, 1882

ssp. *zebulianus* s. str.

=*neumannii* Sternberg, 1908

ssp. *crassipennis* Sternberg, 1910a

ssp. *denticulatus* Quedenfeldt, 1883a

=*congoamus* Sternberg, 1910a

=*delegorguei* Harold, 1879a in part
=*megerlei* Quedenfeldt, 1883a (in part)
=*quedenfeldti* Sternberg, 1910a

=*schaubergeri* Basilewsky, 1932b
ssp. *erlangeri* Kolbe, 1903

ssp. *molossus* Péringuey, 1896

ssp. *reichardi* Kolbe, 1886

=*angusticollis* Sternberg, 1910a
=*arrowi* Sternberg, 1910a

e AF: e DOC; s ETI; s, w KEN; MAW; TAN; s UGA; e ZAM

“*Sansibar*“ [in error sn. Kolbe, 1897 =“*Innern Britisch-Ost-Afrikas: Kitui in Ukamba*“ (=s KEN: c Eastern Prov.)]; Rift Valley Prov.; s UGA, nw TAN: Kagera Reg.

“*Kibwezi (Wakamba nordöstl. vom Kilimandjaro)*“ [=s KEN: s Eastern Prov.]; ne TAN: Tanga Reg.

“*Cafirerie*“ (in error sn. Sternberg, 1910)

“*Uniamwesi vom Wembere-Fluss, 3°40'S* [=wc TAN: Tabora Reg.: Unyamwezi]; *Jramba in der Wembere-Steppe* [=n Singida Reg.: Iramba District]; *Nordosten den Nyassa-See*“ [in error sn. Basilewsky 1946b, probably Singida, Tabora Regions]

“*Inner Deutsch-Ost-Afrikas: Ugogo; Uhehe; Iringa*“ [=c, sw TAN: Dodoma, Iringa Regions]

“*Congo Belge, Kivu: Uvira*“ [=e DOC: Sud-Kivu Prov.]

“*Nord-Nyassa-Gebiet (Utengule; Unyika)*“ [=sw TAN: s Mbeya Reg.]; Iringa, Ruvuma Regions; MAW, e ZAM

“*Nord-Galla (Roba Schalo)*“ [=s ETI: Oromiya Reg.: Robe]

c, e, s AF: n ANG, e BOW, e CON, DCO, ETI, KEN, MAW, n NAB, SOM, w TAN, n ZAM; [w MOS sn. Sternberg, 1910a]

“*Abyssinie (vallée de la Guebbah; monts du Zeboul)*“ [=n ETI: Amhara Reg.: Zabol Mts.]; Afar, Harari, Oromiya, Southern Nations, Nationalities and People's Regions

“*Gidole-Gardalla*“ [=s ETI: Southern Nations, Nationalities, and People's Reg.: Gidole]

n SOM: “*Dubar*“ [=n SOM: Woqooyi Galbeed Reg.: Buuraha Dubar]

“*Quango-Strom; Inner (Lunda-Reich)*“ [=c, n, w ANG]: Benguela, Bengo, Bie, Cuanza Norte, Cuanza Sul, Huambo, Lunda Norte, Malanje, Uíge, Zaire Provinces; e CON, w DOC: Bas-Congo, Kinshasa Provinces

“*West Afrika, Stanley Pool to Lukolele (mittlerer Congo)*“ [=Congo River: from e CON: Cuvette-Centrale: Loukolela to w DOC: Kinshasa Prov.: Pool-Malebo (Nkunda Lake)]
ANG

“*Quango*“ [=n ANG: Lunda Norte Prov.]

ANG: “*Benguella* [=Benguela Prov.]; *Banana (Congo-Mündung)*“

ANG: “*Bengwella*“ [=Benguela Prov.]

“*Süd-Somali (Bardera am Ganale* [=s SOM: Gedo Reg.: Baardheere]; *Mansur*“ [=Shabeellaha Dhexe Reg.]; Banaadir, Jubbada Dhexe Regions

“*Ovampoland (?Cunene River)*“ [=n NAB: Kunene Reg.]; Erongo Reg.; e BOW

“*Central-afrika; Tanjanjika* [=TAN: Iringa, Lindi, Mtwara, Mwanza, Rukwa, Shinyanga, Tabora Regions]; *Lulua*“ [=s DOC: Kasai-Occidental Prov.: Lulua District]; Katanga, Maniema, Nord-Kivu, Orientale, Sud-Kivu Provinces; MAW, n ZAM; [w MOS sn. Sternberg, 1910a]

“*Belgischer Congo*“ [=DOC]

“*Kondowe to Karonga (Brit. Nyassaland, nord-westl. vom Nyassa-See)*“ [=n MAW]

- =*baenningeri* Basilewsky, 1932b
 =*dilaticollis* Sternberg, 1910a
 =*gracilis* Sternberg, 1910a
 =*horni* Sternberg, 1910a
 =*kolbei* Sternberg, 1910a
 =*neavei* Sternberg, 1910a
 =*roeschkei* Sternberg, 1910a
 =*schenklingi* Sternberg, 1910a
 =*severini* Sternberg, 1910a
 ssp. *transitionis* Kolbe, 1903
 juvenilis group (=Sg. Alexotefflus Basilewsky, 1946b) Häckel sn. Basilewsky, 1946b
 6 *juvenilis* Gerstaecker, 1871
 ssp. *juvenilis* s. str.
 =*discedens* Sternberg, 1909
 =*katonae* Csiki, 1907
 ssp. *jedlickai* Basilewsky, 1932b,c
 ssp. *muansanus* Kolbe, 1897b
 =*rotundicollis* Sternberg, 1910a
 ssp. *patrizii* Müller, 1938
 raffrayi group (=Sg. Archotefflus Kolbe, 1903) Häckel sn. Basilewsky, 1946b
 7 *raffrayi* Chaudoir, 1874
 ssp. *raffrayi* s. str.
 ssp. *gallanus* Kolbe, 1903
 ssp. *jamesoni* Bates, 1890
 =*bertherandi* Fairmaire, 1891
 =*difficilis* Sternberg, 1910a
- “N. E. Congo“ [=ne DOC]
 “Tanganjika“ [=TAN]
 “Deutsch-Ost-Africa (Lukuledi)“ [=se TAN: Mtwara Reg.]
 locality unknown
 “Tanganjika [=TAN]; Kamambaré (N.-O.-Congo-Staat) [=n DOC: nw Orientale Prov.]; Aft. Centr.; Nyika Mts. (Nyassaland)“ [=nw MAW]
 “Katumba (Östliches Portug. West-Afrika oder Südl. Congo-Staat?)“ [=w MOS or probably s DOC]
 “Deutsch-Ost-Afrika (Lindi; Tabora) [Regions =c, w TAN]“
 “Congo-Fl. [=DOC]; Östl. Congo-Staat [=e DOC]; Kabambaré (Östl. Congo-Staat) [=n DOC: nw Orientale Prov.]; Fwambo (Nyassaland, nördl. v. Nyassa-See)“ [=ne ZAM]
 “Vom Moero-See zum Tanganika [=from Mweru Lake to TAN (=n ZAM)]; Katanga [Prov.] (S.-O.-Congo-Staat) [=se DOC]; Luena Fl. (Nebenfluß des Zambesi in oberen Lauf) [=sw ZAM]; Kambowe-Chitura [=nw ZAM]; Madona“
 “Britisch-Ostafrika“ [=se KEN]; ne TAN: Tanga Reg.
- e **AF**: e, s KEN; s SOM; n TAN
 “Tula Colonie 1° 6' südl. Br.“ [=se KEN: Coast Prov.: Tula]; Eastern Prov.; n TAN: Arusha, Kilimanjaro Regions
 “Kibwezi (Wakamba nordöstl. vom Kilimandjaro)“ [=s KEN: s Eastern Prov.]
Kiboshö [=ne TAN: Kilimanjaro Reg.]; Moshi; Arusha-Ju [=Arusha Reg.]
Usaramo [=e TAN: e Pwani Reg.]
 “bei Muansa am Victoria-Nyansa“ [=n TAN: Mwanza Reg.: Muanza]
 “Ukerewe (Insel im süd-östl. Victoria-Nyanza)“ [=n TAN: n of Mwanza Reg: Ukerewe Is.]
 s **SOM**: “Belet-Amin ad flumen Juba“ [=Jubbada Dhexe Reg.]; Shabeellaha Dhexe Reg.
- c, e **AF**: n, w DOC; ERI, ETI; w KEN, RCA; w SSD; s UGA
 “environs d'Adoua“ [=n ETI: Tigray Reg.: Mehakelegnaw Zone: Adwa env.]; Afar Reg.; ERI
 “Gandjule-See in West-Galla“ [=sw ETI: Southern Nations, Nationalities and People's Reg.: Abaya Lake]
Aruwimi [River] Valley [=n, w DOC: Orientale Prov.]; Bas-Congo, Équateur, Kasai-Oriental, Maniema, Nord-Kivu, Sud-Kivu Provinces; w KEN, RCA; w SSD; s UGA
 “Afrique interieure“
 “Kisantu (Congo Fl.) [=w DOC: Bas-Congo Prov.: Inkisi]; Belgisch Congo, Itembo (Ht. Itembiri) [=e DOC: Nord-

- =*ugandanus* Sterneberg, 1910a
Kivu Prov.]; Zongo (Mokoanghay a. Ubangi Fl.) [=nw DOC: Équateur Prov.]; Banzyville, N. O. Congo-Staat“ [=ne DOC: Équateur Prov.]
s UGA (Entebbe; Kisubi; Rubaga; Buganda Region); “Brit.Uganda“ [=UGA]
- hamiltonii group (=Sg. Heteroteflus Kolbe, 1904) Häckel sn. Basilewsky, 1946b
8 *camerunus* Kolbe, 1903
wc **AF**: “Südost-Kamerun: Yaunde-Station“ [=s CAM: s Centre Prov.: Yaoundé]; n CON, nw DOC: Équateur Prov.
=*breuningi* Basilewsky, 1932b *Heteroteflus* “Joko (Cameroun)“ [=c CAM: n Centre Prov.]
- 9** *hamiltonii* Bates, 1871
sw **AF**: n ANG
- muata species (=Sg. Mesoteflus Kolbe, 1903) Häckel sn. Basilewsky, 1946b
10 *muata* Harold, 1878
c, e, se **AF**: n ANG; Cabinda (ANG); w CAM, CON, DOC; n MAW; e, s TAN; c, n ZAM
ssp. *muata* s. str.
“Innern der Lunda-Reich“ [=c, n ANG]; Cabinda (ANG); CON; c, w DOC: Bandundu, Bas-Congo, Équateur, Kasai-Occidental, Kasai-Oriental, Maniema Provinces
=*oberthueri* Sternberg, 1910a
ssp. *banzoanus* Kuntzen, 1913a
“Mittlerer Congo“ [=CON]
ssp. *cychroides* Bates, 1886b
“Hinterland von Kamerun in Banzogeberge“; 2000m [=w CAM: North West Prov.: Cameroon Highlands]
=*assimilis* Sterneberg, 1910a
=*kinganus* Kolbe, 1903
=*nobilis* Sterneberg, 1910a
Mamboia [n MOS: Niassa Prov.]; se DOC: Katanga Prov.; n MAW; TAN: Iringa, Mbeya, Morogoro, Ruvuma Regions; c, n ZAM
“Katanga (Südl. Congo-Staat)“ [=se DOC: Katanga Prov.]
“Nord-Nyassa-Gebiet: zwischen Bulongwa und Buanyi [=sw TAN: s Iringa Reg.]; Unyika“ [=s Mbeya Reg.]
“Deutsch-Ost-Afrika“ [=TAN]
- carinatus group (=Sg. Stictoteflus Kolbe, 1903) Häckel sn. Basilewsky, 1946b
11 *angustipes* Kolbe, 1903
c, e **AF**: “Deutsch-Ostafrika: Süd-Uhehe, zwischen Iringa und Mgololo [=s, sw TAN: Iringa, Morogoro Regions.: btw. Iringa and Mgolole]; Ubena in Uhehe“ [=s Mbeya Reg.: Ubena Mts.]; Kigoma Reg.; s, se DOC: Kasai-Occidental, Katanga, Nord-Kivu Provinces; n MAW, n ZAM
=*uvinsanus* Kolbe, 1903
“Könsi in Landschaft Uvinsa, östlich vom Tanganyika-See“ [=w TAN: Kigoma Reg.: Uvinza env.]
=*angulicollis* Sternberg, 1910a
=*elegantulus* Sternberg, 1910a
“Deutsch-Ost-Afrika“ [=TAN]
=*eximius* Basilewsky, 1934a
=*laticornis* Sternberg, 1910a
“Kabambaré (N.-O. Congo-Staat) [=e DOC: s Nord-Kivu Prov.]; Katanga (S.-O. Congo-Staat)“ [=se DOC: Katanga Prov.]
“D. O. Afrika: Uhehe“ [=sw TAN: s Mbeya Reg.]
“Kidugala (Uheheland, D.-Ost.-Afrika)“ [=s TAN: s Iringa Reg.]
12 *brevicostatus* Quedenfeldt, 1883a
ssp. *brevicostatus* s. str.
e **AF**: e, ne TAN
=*cribriceps* Chaudoir, 1883
=*gebieni* Basilewsky, 1932a
“Ushambara, 2° nördlich von Bagamojo“ [=ne TAN: Tanga Reg.: Usambara Mts.]; Dar es Saalam, Pwani, Zanzibar Is. Regions
“Mhonda“ [=e TAN: n Zanzibar Is.: Mahonda]
“D. O. Afrika: Bagamojo“ [=ne TAN: Tanga Reg.]; Zanzibar [Is.]

- ssp. *forticostis* Basilewsky, 1932a
- 13** *carinatus* Klug, 1853
- ssp. *carinatus* s. str.
- =*georgii* Basilewsky, 1932b *Stictotefflus*
 =*smirnovi* Basilewsky, 1932c *Stictotefflus*
 =*thomsonii* J. Thomson, 1856b
 (sn. Bertoloni, 1845)
- ssp. *violaceus* Klug, 1853
- =*angustatus* Sternberg, 1910a
- =*nirogocyanescens* Kolbe, 1897a
- =*waltheri* Basilewsky, 1932b *Stictotefflus*
- 14** *purpureipennis* Kolbe, 1886
- ssp. *purpuripennis* s. str.
- =*emdeni* Basilewsky, 1932b
 =*sjoestedti* Basilewsky, 1932c *Stictotefflus*
 =*helenae* Basilewsky, 1934a
- ssp. *wituensis* Kolbe, 1903
- 15** *viridanus* Kolbe, 1897b
- =*gangiensis* Basilewsky, 1934a
- “D. O. Afrika: Usegua; Bagamoyo; Usambara“ [=ne TAN: Tanga Reg.]
 c, e, s **AF**: se **DOC**, **MAW**, **MOS**; **TAN**, ne **RSA**, e **ZAM**, e **ZIM**
 “Senna“ [=s **MOS**: ne Sofala Prov.: Villa de Sena]; **Inhambane** Prov.; ne **RSA**: **Limpopo** Prov.; e **ZIM**
MOS
MOS
 se **MOS**: **Inhambane** [Prov.]
- “Innern von Mossambique. Landschaft Tette“ [=n **MOS**: Tete Prov.]; **Zambezia** Prov.; se **DOC**: **Katanga** Prov.; **MAW**; **TAN**: **Arusha**, **Dar es Saalam**, **Dodoma**, **Iringa**, **Kigoma**, **Lindi**, **Mbeya**, **Mtwara**, **Pwani**, **Rukwa**, **Ruvuma**, **Shinyanga**, **Singida**, **Tabora**, **Zanzibar Island Regions**; e **ZAM**
 “Deutsch-Ost-Afrika (Kigonsera; Peramiho)“ [=s **TAN**: **Ruvuma** Reg.]
 “Tschinde am Sambesi [=e **MOS**: **Zambezia** Prov.]; “Mossambique [=**MOS**]; Wandonde-Gebiet am Ruvuma in südlichsten Deutsch-Ostafrika“ [=s **TAN**: **Ruvuma** Reg.]
 “D. O. Afrika: Songoa [=se **TAN**: **Ruvuma** Reg.]; Upangwa [=Dar es Saalam Reg.: **Upanga**]; Barikiwa [**Lindi** Reg.]; Lukuledi [=Mtwara Reg.]; Zambèzie“ [=e **MOS**: **Zambezia** Prov.]
 e, se **AF**: se **KEN**; n **MOS**; **TAN**; e **ZAM**; s **MAW**
 “Usambara, Bagamoyo“ [=ne **TAN**: **Tanga** Reg.]; **Dar es Saalam**, **Dodoma**, **Lindi**, **Kilimanjaro**, **Morogoro**, **Mtwara**, **Pwani**, **Ruvuma**, **Singida**, **Tabora**, **Zanzibar Is. Regions**; s **MAW**; ne **MOS**: **Nampula** Prov.; e **ZAM**
MOS
 “D. O. Afrika: Dar-es-Salaam“ [=e **TAN**: **Dar es Saalam** Reg.]
 “N. E. Rhodésie: Loangoua Riv.“ [=e **ZAM**: **Central**, **Lusaka** Provinces: **Luangwa** Riv.]
 “Britisch-Ostafrika: Taru im Hinterlande von Mombasa (Wituland)“ [=se **KEN**: **Coast** Province: **Taru**]
 e **AF**: “Deutsch-Ostafrika: Pugu in Ukami [=e, ne **TAN**: **Pwani** Region: **Pugu Hills**]; bei Dar-es Saalam“ [**Dar es Salaam**, **Pwani** Regions]; **Kilimanjaro** Reg.
 “Simba, dans l’Ugani (Territoire du Tanganyika)“ [ne **TAN**: **Kilimanjaro** Reg.]

TINODERUS Chaudoir, 1879; T: *Panagaeus singularis* Schaum, 1854 (species: 1)

- 1** *singularis* (Bates, 1873) *Panagaeus*
- e **AS**: s **JAP**: w **Kyushu** Is.: Nagasaki [Prefecture]; w **Honshu** Is.: Tagami; [=Niigata Prefecture]; ne **CHI**: **Heb**; **RUS**: **Fea**; **SCO**

TINOGNATHUS Chaudoir, 1879; T: *Tinognathus parviceps* Chaudoir, 1879 (species: 1)

1 *parviceps* Chaudoir, 1879

AU: e AUS: Qld: Moreton Bay; ne coastal, ne Nsw

TRICHISIA Motschulsky, 1865; T: *Trichisia cyanescens* Motschulsky, 1865
(=*Isotarsus morio* La Ferté-Sénéctère, 1851) (species: 9)
=*Epicosmus* Chaudoir, 1846; T: *Panagaeus tomentosus* Vigers, 1825
(=*Carabus angulatus* Fabricius, 1781)
=*Eudema* Laporte de Castelnau, 1840; T: *Panagaeus regalis* Gory, 1833
=*Euschizomerus* Chaudoir, 1850; T: *Euschizomerus buquetii* Chaudoir, 1850
=*Isotarsus* La Ferté-Sénéctère, 1851; T: *Panagaeus regalis* Gory, 1833
=*Perenomerus* Schönfeldt, 1890 in error sn. Baehr, 2003

1 *azurea* (Chaudoir, 1861b) *Epicosmus*

AU: “Australie orientale“ [=e AUS: ne coastal: ne Nsw: Eastern Creek; n, e Qld: Rockhampton (sn. Laporte de Castelnau, 1867 as syntypes)]

2 *babaulti* (Alluaud, 1914a) *Euschizomerus*

e AF: “Afrique orientale anglaise“ [=sw KEN]: Nyanza Prov.: Sotik, Lemek Valley

3 *cyanea* (Schaum, 1854) *Isotarsus*
=*chinensis* Csiki, 1907

e, se AS: se CHI: Hgk; Gax; VIE
se CHI: “Tsonglok“ [=Hgk]

4 *insularis* (Schönfeldt, 1890) *Perenomerus*

e AS: s JAP: n Ryukyu Isl.: Amami-Oshima Isl.: Oshima Is.

5 *morio* (La Ferté-Sénéctère, 1851) *Isotarsus*

s AS: “India bor.“ [=ne IND, n BAN (sn. Chaudoir, 1879)]; MYA

=*cyanescens* Motschulsky, 1864

“Indes Orientales“ [=BAN, IND, MYA]

6 *nesites* Andrewes, 1931

se AS: n, w Sumatra Is.: Serdang, Tandjong Morawa [=w IDN: Sumatera Utara Prov.]; Manna [=Bengkulu Prov.]; c Java Is.: Mulie [=Jawa Tengah Prov.]

7 *papuana* Csiki, 1907

AU: New Guinea Is.: “D. Neuguinea, Friedrich-Wilhelmshafen“ [=n PNG: Madang]; s PNG; Nari Is. (PNG)

8 *rhodesiana* Péringuey, 1908

s AF: “Southern Rhodesia (Umtali)“ [=e ZIM: Manicaland Prov.: Mutare]

9 *violacea* Jedlička, 1935

s, se AS: PHI: c Luzon Is.: Manila [National Capital Reg.]; s CHI: Xiz, Yun; ne IND

PELECIINI Chaudoir, 1880 (subtribes: 2; genera: 8; species: 77)

AGONICINA Sloane, 1920 (genera: 2; species: 4)

AGONICA Sloane, 1920; T: *Agonica simsoni* Sloane, 1920 (species: 3)

1 *ovalipennis* Sloane, 1920

AU: se AUS: Tas: Lottah

2 *simsoni* Sloane, 1920

AU: se AUS: Tas: Zeehan

3 *victoriensis* Moore, 1963

AU: se AUS: Vic: Warburton; se coastal

PSEUDAGONICA Moore, 1960; T: *Pseudagonica nitida* Moore, 1960 (species: 1)

- 1 *nitida* Moore, 1960
ssp. *nitida* s. str.
ssp. *orientalis* Moore, 1963
- AU: se AUS: Nsw, Vic
se AUS: Vic: Beech Forest; Otway Ranges; near Lorne
se AUS: Vic: Bonang; Mt. Baw Baw and Emerald; Nsw:
Mt. Kosciuszko and Kiandra

PELECIINA Chaudoir, 1880 (genera: 6; species: 73)

ARDISTOMOPSIS Straneo & Ball, 1989; T: *Disphaericus myrmex* Andrewes,
1923 (species: 5)

- 1 *andrewesi* Straneo & Ball, 1989
= *myrmex* Andrewes, 1923 *Disphaericus* (partim)
- 2 *batesi* Straneo & Ball, 1989
- 3 *marginicollis* (Schaum, 1864) *Disphaericus*
- 4 *myrmex* (Andrewes, 1923) *Disphaericus*
- 5 *ovicollis* (Bates, 1886a) *Disphaericus*
- s AS: s IND: "Palni Hills Kodaikanal S. W. K.; 6850ft;
Shembaganur" [=Tmd]
"Madras: Anamalai Hills, Anairady" [=s IND: Tmd]
s AS: "India Cent. Jabalpur" [=c IND: Mhp]
s AS: "Trankebar" [=s IND: Tmd]; s Krt
s AS: "Ceylon, Koggala [=s SRL: Southern Prov.];
Velverry" [=Trincomalee]
s AS: "Anderson's Estate, Dikoya"; 3800-4200f [=sc
SRL]

DISPHAERICUS Waterhouse, 1842; T: *Disphaericus gambianus* Waterhouse, 1842
(species: 18)

= *Disphericus* Basilewsky, 1953 in error sn. Straneo & Ball, 1989

- 1 *alluaudi* Basilewsky, 1938
e AF: "Tanganyika territory: Usambara, Masinde" [=ne
TAN: Tanga Reg.: Usambara Mts.]
- 2 *benadirensis* Müller, 1941
e AF: "Somalia litoranea: Merka (Benadir)" [=s SOM:
Banaadir Reg.]
- 3 *carinulatus* Basilewsky, 1955
e AF: "Tanganyika Territory: Lindi" [Reg. =se TAN]
- 4 *clavicornis* Kolbe, 1895
c AF: "bei Karewia am Fuße des Ruussororo, nördlich
vom Albert-Edward-See"; 0°22'N [=ne DOC: Orientale
Prov.]
- 5 *conradti* Kolbe, 1895
e AF: "plantage Darema in Usambara" [=ne TAN: Tanga
Reg.: Usambara Mts.]
- 6 *deplanatus* Müller, 1949
e AF: "Africa orientali britannica: Mckinnon Road,
Kenya" [=se KEN: s Coast Prov.]
w AF: GAM
- 7 *gambianus* Waterhouse, 1842
c AF: "Ile Fernando-Póo: [Pico] Basile; 400-600m
[=GEQ: Bioko Is.: Bioko Sur/Bioko Norte Province
border]; Bahia de S. Carlos"; 200m [=Bioko Sur Prov.]
- 8 *insulanus* Basilewsky, 1955
c AF: se DOC: Katanga Prov.
- 9 *katangensis* Burgeon, 1935b
e AF: "Afrique orientale anglaise, près de Samburu, Wa-
Nyika"; 300m [=nc KEN: Rift Valley Prov.: Samburu
National Reservation]
- 10 *kolbei* Alluau, 1914b
e AF: "Africa orientali britannica: Mckinnon Road,
Kenya" [=se KEN: s Coast Prov.]
wc AF: "R[iver]. Ogowé" [=GAB]
- 11 *meneghetti* Müller, 1949
e AF: "Africa orientali britannica: Mckinnon Road,
Kenya" [=se KEN: s Coast Prov.]
- 12 *multiporus* Bates, 1886b
wc AF: "R[iver]. Ogowé" [=GAB]

- 13 *quangoanus* Quedenfeldt, 1883b
ssp. *quangoanus* s.str.
ssp. *upembanus* Basilewsky, 1953b
- 14 *rhodesianus* Péringuey, 1904
- 15 *silvestrii* Müller, 1949
- 16 *sulcostratus* Fairmaire, 1887a
- 17 *tarsalis* Bates, 1886b
- 18 *zavattarii* Müller, 1939
- c, sw AF: n ANG, se DOC
“Quango” [=n ANG: Lunda Norte Prov.]
se DOC: Katanga Prov.
s AF: “Southern Rhodesia (Umtali)” [=e ZIM: Manicaland Prov.: Mutare]
wc AF: “Victoria (Kamerun)” [=sw CAM: South West Prov.: Limbe]
“Kipalapala; Mpouapoua” [=c, cw TAN: Dodoma, Tabora Regions]
sw AF: ANG
e AF: “Javello” [=s ETI: Oromiya Reg.: Guji Zone: Yabelo]

D Y S C H I R I D I U M Chaudoir, 1861; T: *Dyschiridium ebeninum* Chaudoir, 1861 (species: 4)
=*Spanus* Westwood, 1864; T: *Spanus natalicus* Westwood, 1864

- 1 *concinnum* (Péringuey, 1926) *Spanus* s AF: “Natal (Durban)” [=se RSA: KwaZulu-Natal Prov.]
- 2 *ebeninum* Chaudoir, 1861a s, se AF: “Da Lagoa Bai” [=s MOS: Maputo Prov.: Baía de Maputo]; RSA: KwaZulu-Natal Prov.; KEN: Eastern Prov.
- 3 *lastii* (Bates, 1886b) *Disphaericus* s, se AF: Mambaia [=n MOS: Niassa Prov.]; RSA: Eastern Cape, KwaZulu-Natal Provinces; ?TAN
=*natalicum* Westwood, 1864 *Spanus* “Natalia” [=se RSA: KwaZulu-Natal Prov.]
=*natalensis* [Westwood] sn. Péringuey, 1896 in error “Cape Colony (Uitenhage)” [=s RSA: Eastern Cape Prov.]
- 4 *subdepressum* (Kolbe, 1895) *Spanus* e AF: “plantage Darema in Usambara” [=ne TAN: Tanga Reg.: Usambara Mts.]

E R I P U S Dejean, 1829; T: *Eripus scydmaenoides* Dejean, 1829 (species: 9)
=*Erypus* Laporte de Castelnau & Brullé, 1840 in error sn. Straneo & Ball, 1989
=*Pelecium* Chaudoir, 1846 (in part); T: *Pelecium cyanipes* Kirby, 1817
=*Eriphus* Bates, 1882 in error sn. Straneo & Ball, 1989

ERIPUS s. str. (8 species)

- 1 *breedlovei* Straneo & Ball, 1989 c AM: MEX: Cia: Municipio Comitan 8-12 km. N. Mex. Hwy 190 at Laguna Chamula on logging rd.: 2438m; GUA: San Marcos; 3000m; 15°01'N, 91°48'W
- 2 *globipennis* (Chaudoir, 1866) *Pelecium* c AM: MEX: Gue, Jal, Mor, Oax, Pub, Ver
ssp. *globipennis* s.str. “Mexique” [=MEX]: w Ver
ssp. *rotundicollis* Straneo & Ball, 1989 MEX: Gue: 2,6 km from jet. Rd. to Chichihualco on rd. to Filo de Caballo; 1840m; 8,4 mi w. Chilpancingo; 4900'; 15 km. sw Xochipala; 1800m
MEX: Mor: 5,4 mi. e. Cuernavaca; 4800'; Gue: Iguala; 823m; Jal: El Rincon 33,7 mi, Nw Los Volcanes; 4600'; Oax: Puebla. Hwy 190 36km. Nw Huahupan de Leon; 1600m
- 3 *microphthalmus* (Chaudoir, 1866) *Pelecium* c AM: “Mexique” [=MEX]: Ver:

- 4 *nitidus* (Chaudoir, 1861a) *Pelecium*
 =*aterrimum* Bates, 1882 *Pelecium*
 5 *oaxacanus* Straneo & Ball, 1989

- 6 *scydmaenoides* Dejean, 1829
 =*aterrimum* Chaudoir, 1854 *Pelecium*
 =*subdentatum* Chaudoir, 1866 *Pelecium*
 =*nitidum* Bates, 1881 *Pelecium*
 7 *subcaecus* (Chaudoir, 1866) *Pelecium*
 8 *suturalis* (Chaudoir, 1861a) *Pelecium*

c AM: “Mexique“ [=MEX]: Hid, Mex, Oax, Pue, Ver
 MEX: Orizaba; Jacale, Las Vigas [=Ver]
 c AM: MEX: n Oax: Microondas Sta. 0,5 mi. e. jct. Rtes 125 and 190; 2650m; 1,6 mi. w. Capulalpam; 14,3 km. e. Ixtlan de Juarez; 7,4 km. N. Santiago Tejapan; 2350m
 c AM: “Mexique“ [=MEX]: Cia, Gue, Jal, Oax, Qer, Slp, Ver
 MEX: Oax: Microondas Sta. 0,5 mi. e. jct. Rtes. 190 & 195; ca. 2952m
 “Mexique“ [=MEX]
 “Mexique“ [=MEX]
 c AM: “Mexique“ [=MEX]: Oax: Zempoal massif
 c AM: “Mexique“ [=MEX]: Cia, Gue, Oax, Slp, Ver

ERIPIDIUS Straneo & Ball, 1989; T: *Eripus franzi* Straneo & Ball, 1989 (1 species)

- 9 *franzi* Straneo & Ball, 1989

s AM: c PER: Sierra Garevito to Quillabamba

PELECIUM Kirby, 1817; T: *Pelecium cyanipes* Kirby, 1817 (species: 34)
 =*Augasmosomus* Chaudoir, 1846; T: *Augasmosomus faldermanni* Chaudoir, 1846

PELECIUM s.str. (30 species)

cyanipes group (Straneo & Ball, 1989):

- 1 *cyanipes* Kirby, 1817
 =*carinatum* Chaudoir, 1846
 =*ovipenne* Chaudoir, 1861a
 =*humeratum* Chaudoir, 1866

s AM: “Brasilia“ [=e BRA]: Bhi, Eps, Msg, Rdj
 “Brésil“ [=BRA]
Rio de Janeiro env. [=se BRA: Rdj]
 “Brésil“ [=BRA]

faldermanni group (Straneo & Ball, 1989):

- 2 *besckii* (Chaudoir, 1850) *Augasmosomus*
 =*beskei* Straneo, 1955 in error sn. Straneo & Ball, 1989
 =*reichhardti* Straneo, 1970
 3 *bisulcatum* Straneo, 1970
 4 *faldermanni* (Chaudoir, 1846) *Augasmosomus*
 =*iridescens* Chaudoir, 1850
 =*brevisulcis* Straneo, 1953
 5 *foveicolle* Chaudoir, 1866
 6 *obtusum* Straneo, 1953

s AM: “Brésil. N. Frib.“ [=ne, s, se BRA: Rdj; Nova Friburgo]; Bhi, Esp, Sac, Spo
 se BRA: Spo: Barueri
 s AM: n ARG: Mns: San Pedro; 1000m; se BRA: Msg
 s AM: “Brésil“ [=s, se BRA]: Eps, Rdj; Rgs, Sac; ne ARG: Mns
 “Brésil. N. Frib.“ [=se BRA: Eps: Nova Friburgo]
 “Brasilien“ [=BRA]
 s AM: “Brésil inté“ [=se BRA: Msg; Spo]; c PAR
 s AM: s BRA: Sac: Hansa Humboldt

laeve group (Straneo & Ball, 1989):

- 8 *laeve* Chaudoir, 1854
 =*politum* Schaum, 1860
 9 *nicki* Straneo, 1955
 10 *obscurum* Straneo, 1955

s AM: “Novofriburgo“ [=se BRA: Rdj; Nova Friburgo]
 “Neufreiburg, Brazil“ [=se BRA: Rdj; Nova Friburgo]
 s AM: “Nova Teutonia“ [=s BRA: Sac]; Prov. Sta. Catharina“ [=Sac]; Rgs
 s AM: s BRA: Sac

punctatostriatum group (Straneo & Ball, 1989):

- 11 *atroviolaceum* Straneo & Ball, 1989

s AM: wc BRA: se Mgr: Chapada Acc. No. 2966

- 12 *bolivianum* Straneo & Ball, 1989
 13 *punctostriatum* Straneo, 1970
 14 *semistriatum* Straneo & Ball, 1989
- refulgens group (Straneo & Ball, 1989) :
 15 *fulgidum* Straneo, 1962
 16 *negrei* Straneo, 1962
 17 *refulgens* Guérin-Méneville, 1831
- renati group (Straneo & Ball, 1989):
 18 *renati* Straneo, 1953
 19 *striatum* Straneo, 1955
- rotundipenne group (Straneo & Ball, 1989):
 20 *helenae* Straneo & Ball, 1989
 21 *paulae* Straneo & Ball, 1989
 22 *purpureum* Straneo, 1955
 23 *rotundipenne* Schaum, 1860
- violaceum group (Straneo & Ball, 1989) :
 24 *brasiliense* Straneo, 1962
 25 *drakei* Quedenfeldt, 1890
 26 *longicolle* Straneo, 1953
 ssp. *longicolle* s. str.
 ssp. *impunctatum* Straneo & Ball, 1989
 27 *parallelum* Straneo & Ball, 1989
 28 *punctatum* Straneo, 1953
 29 *striatipenne* Chaudoir, 1866
 30 *tenellum* Schaum, 1860
 31 *violaceum* Brullé, 1838
- PELECIDIUM** Straneo & Ball, 1989; T: *Pelecium sulcatum* Guérin-Méneville, 1843 (3 species)
- 32 *laevigatum* Guérin-Méneville, 1843
 33 *sulcatum* Guérin-Méneville, 1843
 34 *sulcipenne* Chaudoir, 1861a
- s AM: c BOL: Santa Cruz: El Cidral; Prov. Sara. Dept. Sta. Cruz dela Sierra: 500m
 s AM: wc BRA: e, s Mgr: Poconé; Dianarma Parque Nacional Xingu
 s AM: wc BRA: se Mgr: Chapada Campo Acc. No. 2966
- s AM: ne BRA: Bhi: S. Antonio de Barra
 s AM: ne BRA: Bhi: Senhor de Bonfin; Villa Nova Garba
 s AM: "Brésil" (=e BRA sn. Straneo & Ball, 1989).
- s AM: s BRA: Sac: Hansa Humboldt
 s AM: s BRA: Sac: Hansa Humboldt
- s AM: n, se BRA: Spo: Jupuvara; Est. Biol. Boraceia Salesopolis; Rio 3155; Campos de Jordão; São Paulo, Capital; Sapucaí Mirim Cidade. Azul; 1400m; Belém Partí; Msg; Pra
 s AM: s BRA: Sac
 s AM: se BRA: Eps
 s AM: se BRA: "Neufreiburg" [=Rdj: Nova Friburgo]
- s AM: se BRA: Spo: Rio Claro
 s AM: se, wc BRA: Mgr; Mgs; PAR
 s AM: s BRA, s PAR
 s BRA: Sac: Hansa Humboldt
 s PAR: "Dapucaí" [=Paraguari Dept.: Sapucaí]
 s AM: ne BRA: Rgn: "Pedro Assu" (=Assu on Rio Assu sn. Straneo & Ball, 1989)
 s AM: w BOL: La Paz
 s AM: "Brésil inter Squires" [=se BRA: Msg]
 s AM: "Neufreiburg" [=se BRA: Rdj: Nova Friburgo]
 s AM: c, e BOL: "province de Chiquitos"; n ARG: Juy, Mdz, Mns, Sat, Tuc; n, wc, (?se) BRA: Mgr, Ron, (?Eps, ?Goi); se PAR
- s AM: "bois humides de bords du Combayma [Riv.] au pied des montagnes du Quindín" [Mts. =w COL: Tolima Dept.]
 s AM: "Morro Queimado, au Brésil" [in error sn. Straneo & Ball, 1989 = "Vallee de la Madelaine" (=n COL: Magdalena Dept.: Magdalena Riv. Valley)] ; ne COL: se Norte de Santander Dept.
 c, s AM: "Colombie" (=COL & possible VEN sn. Chaudoir, 1861); PAN

STRICTERIPUS Straneo & Ball, 1989; T: *Pelecium peruvianum* Straneo, 1955 (species: 3)

- 1 *banningeri* (Straneo, 1953) *Pelecium* s AM: “Sta. Inéz, N. Grenada“ [=COL,VEN]
2 *impressus* (Straneo, 1955) *Pelecium* s AM: w BOL: S. Antonio
3 *peruvianus* (Straneo, 1955) *Pelecium* s AM: n PER: dep. Amazonas: Chachapoyas

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