

## A checklist of the subfamily Anthiinae Bonelli, 1813 of the World (Coleoptera: Carabidae)

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### Checklist, Coleoptera, Carabidae, Anthiinae, Catalogue with world distribution

**Abstract.** In the present checklist of the subfamily Anthiinae (Coleoptera: Carabidae) we summarize taxonomic data including synonyms, type localities and geographic distributions of all listed species described up to July 2013. The subfamily (or according to some authors “group of tribes”) includes in this work the following tribes: Anthiini Bonelli, 1813 (with two subtribes: Anthiina Bonelli, 1813 and Cypholobina Strohmeier, 1928), Helluonini Hope, 1838 (with two subtribes: Helluonina Hope, 1838 and Omphrina Jedlička, 1941) and Physocrotaphini Chaudoir, 1863, together comprising 41 genera and 350 species. A new synonym is proposed: *Termophilum marginatum* (Latreille, 1823) syn. nov. of *Termophilum sexmaculatum* (Fabricius, 1787).

### INTRODUCTION

The family Carabidae (Coleoptera: Adepaga) 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 favorable responses to two catalogues (Broscini Hope, 1838 and Panagaeinae Hope, 1838), we decided to continue publishing such catalogues and chose next to compile another subfamily, the Anthiinae Bonelli, 1813. The species of this subfamily inhabit mainly tropical regions (Afrotropical, Neotropical, Oriental and tropical part of Australia), but distributions of some representatives of the tribe Anthiini Bonelli, 1813 and Helluonini Hope, 1838 (namely the genera *Anthia*, *Colfax*, *Helluomorphoides* and *Macrocheilus*) often extend into the Holarctic Region, with the highest diversity outside of the tropics recorded in the southern parts of Palearctic and Nearctic subregions. Representatives of the subtribe Helluonina Hope, 1838 inhabit the entire continent of Australia.

Some species of Anthiinae are alate (e.g. Physocrotaphini, some genera of Helluonini: *Gigadema* Thomson, 1859, *Macrocheilus* Hope, 1838, etc); some are apterous (e.g. most species of Anthiini Bonelli, 1813; some genera of Helluonini: *Helluapterus* Sloane 1914 or *Helluarchus* SLoane, 1914); most are nocturnal, and as most carabids are predaceous. Many species are feeding on termites (*Anthia* Weber, 1801, *Netrodera* Chaudoir, 1850, *Termophilum* Basilewsky, 1950). The most speciose genus is *Macrocheilus* Hope, 1838 represented in tropical regions of Africa and Asia (the catalogue lists 58 species). Currently the subfamily as a whole contains 350 species in 41 genera and three tribes (including 4 subtribes).

The system of catalogization is similar to the previous catalogue. 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. *CYCLOLOBA* Chaudoir, 1850) and those of subgenera unextended (e.g. *CYCLOLOBA* 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. *villosa* (Thunberg, 1806) *Anthia* (parentheses are not used with invalid names - e.g. *decemsulcata* Bonelli, 1813 *Anthia*). 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). In case 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 elevation in meters or feet, GPS coordinates, paratype locality (one or more), its elevation 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-Raias“ [=n ETI: Amhara Reg.: Kobo]; Afar Reg. means that the species is known only from Etiopia, Amhara region, the type locality is Kobo, but finds are known also from another region.

Analogously 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.

*Anthia promontorii* (Péringuey, 1898) sn. Obst 1901 is an erroneous name recently treated as a synonym of *Apristus promontorii* (Péringuey, 1898) (Carabidae, Lebiini) sn. Mawdsley et al. 2011.

*Anthia tatumana* White, 1846 (which is treated by websites Carabidae of the world 2007-2002 as “species incertae sedis“ in the genus *Anthia* Weber, 1801) is treated here according to notices of Methuen (1846) and Guérin-Méneville (1852) as a species of the genus *Cypholoba* Chaudoir, 1850 near the caillaudi/macilenta group.

*Creagris bechuanus* Péringuey, 1910 is a synonym (preoccupied name) for *Cueta trivirgata* (Gerstaecker, 1885) (Neuroptera, Myrmeleontidae).

*Helluo pygmaeus* Dejean, 1826 is treated now (sn. Le Conte 1851) as *Thalpius* Le Conte, 1851 (Carabidae, Dryptinae, Zuphiini).

\*We suspect that *Termophilum desertorum* (Thomson, 1859b) is conspecific with *T. babaulti* (Bénard, 1921a). If so, Thomson’s name would have priority. In any case, the *T. biguttatum* species group (Häckel sn. Obst 1901b) needs to be revised.

<b>AF</b>	- Africa
ANG	- Angola
BEN	- Benin
BFO	- Burkina Faso
BOW	- Botswana
BUR	- Burundi
CAM	- Cameroun / Cameroon
CON	- Congo (Brazzaville)
DOC	- Democratic Congo (Kinshasa)
ERI	- Eritrea
ETI	- Ethiopia
GAB	- Gabon
GAM	- Gambia
GBI	- Guinea-Bissau
GHA	- Ghana
GUI	- Guinea
KEN	- Kenya
LIR	- Liberia
MAD	- Madagascar
MAW	- Malawi
MLI	- Mali
MOS	- Mozambique
MRI	- Mauritania
NAB	- Namibia
NIG	- Niger
NRE	- Nigeria
RCA	- (Republic of) Central Africa (Centrafrique)
RCI	- (Republic of) Ivory Coast (Republique de Côte d’Ivoire)
RSA	- (Republic of) South Africa
SEN	- Senegal
SLN	- Sierra Leone
SOM	- Somaliland
STP	- São Tomé e Príncipe (St. Thomas and Principe Island)
SUD	- Sudan
SWA	- Swaziland
TAN	- Tanzania
TCH	- Chad
TOG	- Togo
UGA	- Uganda

WSA - Western Sahara  
 ZAM - Zambia  
 ZIM - Zimbabwe  
 AM - America  
 ARG - Argentina / provinces  
   Bua - Buenos Aires  
   Chb - Chubut  
   Chc - Chaco  
   Crd - Córdoba  
   Crr - Corrientes  
   Ctm - Catamarca  
   Eri - Entre Ríos  
   Juy - Jujuy  
   Lrj - La Rioja  
   Mdz - Mendoza  
   Mns - Misiones  
   Neq - Neuquén  
   Pam - La Pampa  
   Rng - Río Negro  
   Sat - Salta  
   Scz - Santa Cruz  
   Sfe - Santa Fe  
   Sge - Santiago del Estero  
   Snl - San Luis  
   Tuc - Tucumán  
 BRA - Brazil / federal states  
   Ama - Amazonas (North Region)  
   Bhi - Bahia (Northeast Region)  
   Eps - Espiritu Santo (Southeast Region)  
   Goi - Goiás (Central-West Region)  
   Mgr - Mato Grosso (Central-West Region)  
   Mgs - Mato Grosso do Sul (Central-West Region)  
   Msg - Minas Gerais (Southeast Region)  
   Pra - Pará (North Region)  
   Pnb - Pernambuco (Northeast Region)  
   Pui - Piauí (Northeast Region)  
   Rdj - Rio de Janeiro (Southeast Region)  
   Rgn - Rio Grande do Norte (Northeast Region)  
   Rgs - Rio Grande do Sul (South Region)  
   Ron - Rondonia (North Region)  
   Sac - Santa Catarina (South Region)  
   Spo - São Paulo (Southeast Region)  
 CAN - Canada / provinces  
   Ont - Ontario

CUB - Cuba  
 DOM - Dominican Republic (Hispaniola Island)  
 FRG - Guiane Française (French Guiana)  
 MEX - United States of Mexico / federal states  
   Bcn - Baja California del Norte  
   Bcs - Baja California del Sur  
   Cam - Campeche  
   Cia - Chiapas  
   Clm - Colima  
   Chh - Chihuahua  
   Coh - Coahuila  
   Dfe - Distrito Federal  
   Dur - Durango  
   Gue - Guerrero  
   Guj - Guanajuato  
   Hid - Hidalgo  
   Jal - Jalisco  
   Mex - Mexico  
   Mih - Michoacan  
   Mor - Morelos  
   Nay - Nayarit  
   Nle - Nuevo Leon  
   Oax - Oaxaca  
   Pub - Puebla  
   Qer - Queretaro  
   Qro - Quintana-Róo  
   Sin - Sinaloa  
   Slp - San Luis Potosí  
   Son - Sonora  
   Tab - Tabasco  
   Tam - Tamaulipas  
   Ver - Veracruz  
   Yuc - Yucatan  
   Zac - Zacatecas  
 PAR - Paraguay  
 PUR - Puerto Rico  
 URU - Uruguay  
 TND - Trinidad  
 USA - United States of America / federal states  
   Aba - Alabama (se)  
   Ari - Arizona (sw)  
   Ark - Arkansas (se)

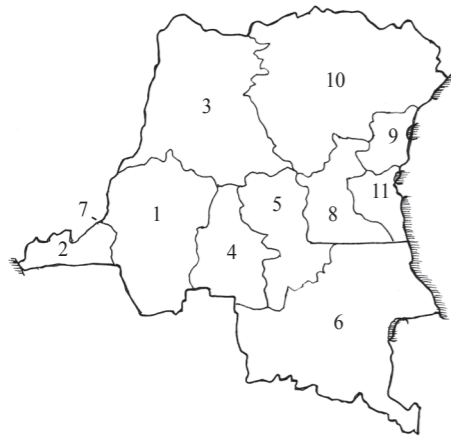
Col - Colorado (wc)  
 Flo - Florida (se)  
 Gor - Georgia (se)  
 Ili - Illinois (ce)  
 Ina - Indiana (ce)  
 Iow - Iowa (ce)  
 Kan - Kansas (wc)  
 Ken - Kentucky (ce)  
 Lou - Louisiana (s)  
 Mar - Maryland (e)  
 Mas - Massachusetts (e)  
 Mis - Mississippi (wc)  
 Mso - Missouri (wc)  
 Mon - Montana (n, nw)  
 Nca - North Carolina (se)  
 Nda - North Dakota (n)  
 Nje - New Jersey (e)  
 Nme - New Mexico (sw)  
 Nyo - New York (ne)  
 Ohi - Ohio (ce)  
 Okl - Oklahoma (wc)  
 Pen - Pennsylvania (e)  
 Rdi - Rhode Island (e)  
 Sca - South Carolina (se)  
 Sda - South Dakota (wc)  
 Ten - Tennessee (se)  
 Tex - Texas (s)  
 Usv - Virgin Islands of the United States (Caribbean Sea)  
 Vir - Virginia (e)  
 Wdc - District of Columbia (Washington City and vicinity) (ne)  
 Wis - Wisconsin (ce)  
 Wvi - West Virginia (e)  
 Wyo - Wyoming (wc)  
 VEN - Venezuela

AS - Asia  
 AFG - Afghanistan  
 BAN - Bangladesh  
 CAB - Cambodja  
 CHI - The People's Republic of China / provinces  
   Anh - Anhui  
   Bei - Beijing (Pekin)  
   Fuj - Fujian  
   Gad - Guangdong

Gan - Gansu  
 Gax - Guangxi  
 Gui - Guizhou  
 Heb - Hebei  
 Hei - Heilongjiang  
 Hen - Henan  
 Hgk - Hong Kong  
 Hub - Hubei  
 Hun - Hunan  
 Jia - Jiangxi  
 Jil - Jilin  
 Jis - Jiangsu  
 Lin - Liaoning  
 Nem - Nei Mongol (Inner Mongolia)  
 Nix - Ningxia  
 Qin - Qinghai  
 Sch - Sichuan  
 Sgh - Shanghai  
 Sha - Shaanxi  
 Shn - Shandong  
 Shx - Shanxi  
 Xij - Xinjiang (Uyguristan)  
 Xiz - Xizang (Tibet)  
 Yun - Yunnan  
 Zhe - Zhejiang  
 CYP - Cyprus  
 IDN - Indonesia  
 IND - India / federal states  
   Adh - Andhra Pradesh  
   Aru - Arunachal Pradesh  
   Ass - Assam  
   Ben - West Bengal  
   Bih - Bihar  
   Cht - Chhattisgarh  
   Hip - Himachal Pradesh  
   Kas - Jammu & Kashmir  
   Jhr - Jharkhand  
   Ker - Kerala  
   Krt - Karnataka  
   Map - Manipur  
   Mhy - Meghalaya  
   Mhp - Madhya Pradesh  
   Mhr - Maharashtra  
   Nwd - New Delhi

Ori - Orissa  
 Pud - Puducherry  
 Pun - Punjab  
 Raj - Rajasthan  
 SiD - Sikkim, Darjeeling  
 Tmd - Tamil Nadu  
 Utk - Uttarkhand  
 Utp - Uttar Pradesh  
 IRN - Iran  
 ISR - Israel  
 JAP - Japan  
 JOR - Jordan  
 KAZ - Kazakhstan  
 KIR - Kirgizstan  
 KUW - Kuwait  
 LAO - Laos  
 MAL - Malaysia  
 MOG - Mongolia  
 MYA - Myanmar (Burma)  
 NEP - Nepal  
 NCO - North Korea (People's Democratic Republic of Korea)  
 PAK - Pakistan  
 PHI - Philippines  
 RUS - Russia  
   Fea - Far East (Asian) Territory  
   Esb - East Siberia  
   Wsb - West Siberia  
 SCO - South Korea (Republic of Korea)  
 SRL - Sri Lanka  
 TAJ - Tajikistan  
 THA - Thailand  
 TUM - Turkmenistan  
 TUR - Turkey  
 TWA - Taiwan (The Republic of China, Taipei)  
 UAE - United Arab Emirates  
 UZB - Uzbekistan  
 VIE - Vietnam  
  
AU - Australia and territories in southwestern Pacific Ocean  
 AUS - Australia / federal states  
   Act - Australian Capital Territory (Canberra)  
   Nsw - New South Wales  
   Nte - Northern Territory

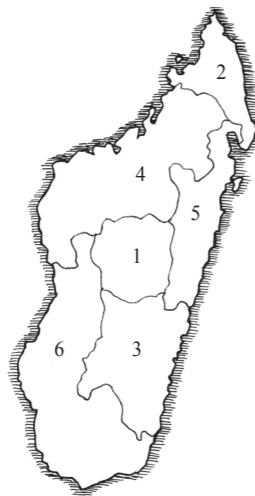
Qld - Queensland  
 Sau - South Australia  
 Tas - Tasmania  
 Vic - Victoria  
 Wau - Western Australia  
 PNG - Papua-New Guinea  
  
 c - central (ec = east-central etc.)  
 e - eastern  
 n - northern  
 s - southern  
 w - western  
 env. - environs  
 Is(l).. - island(s)  
 Mt(s) - mountain(s)  
 Pen. - peninsula  
 Dept. - department  
 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. Administrative divisions (provinces) of the Democratic Republic of the Congo (=DOC)**  
 1. Bandundu, 2. Bas-Congo, 3. Équateur, 4. Kasai-Occidental, 5. Kasai-Oriental, 6. Katanga, 7. Kinshasa, 8. Maniema, 9. Nord-Kivu, 10. Orientale, 11. Sud-Kivu



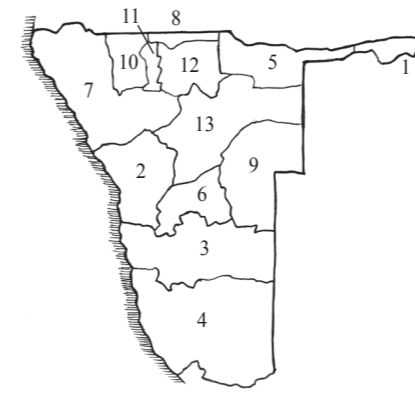
**Fig. 2. Administrative divisions (regions) of Ethiopia (=ETI)**  
 1. Addis Ababa, 2. Afar, 3. Amhara, 4. Benishangul-Gumuz, 5. Dire-Dawa, 6. Gambela, 7. Harari, 8. Oromiya, 9. Somali, 10. Southern Nations, Nationalities, and People's Region, 11. Tigray



**Fig. 3. Administrative divisions (provinces) of Madagascar (=MAD)**  
 1. Antananarivo, 2. Antsiranana, 3. Fianarantsoa, 4. Mahajanga, 5. Toamasina, 6. Toliara



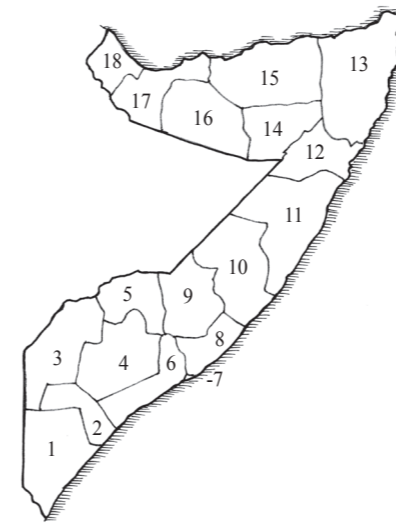
**Fig. 4. Administrative divisions (provinces) of Mozambique (=MOS)**  
 1. Cabo Delgado, 2. Gaza, 3. Inhambane, 4. Manica, 5. Maputo City, 6. Maputo, 7. Nampula, 8. Niassa, 9. Sofala, 10. Tete, 11. Zambezia



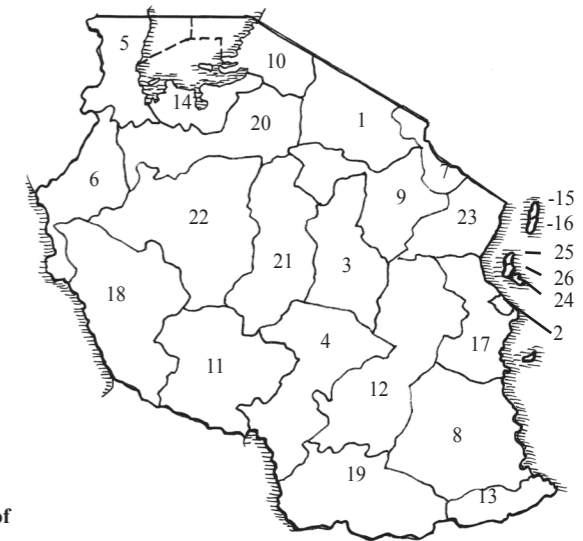
**Fig. 5. Administrative divisions (regions) of Namibia (=NAB)**  
 1. Caprivi, 2. Erongo, 3. Hardap, 4. Karas, 5. Okavango, 6. Khomas, 7. Kunene, 8. Ohangwena, 9. Omaheke, 10. Omusati, 11. Oshana, 12. Oshikoto, 13. Otjozondjupa



**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

**A N T H I I N A E Bonelli, 1813**

**A N T H I I N I Bonelli, 1813 (subtribes: 2; genera: 10; species: 125)**

**A N T H I I N A Bonelli, 1813 (genera: 5; species: 55)**

*A N T H I A* Weber, 1801; T: *Carabus sexguttatus* Fabricius, 1775 (species: 14)

=*Pachymorpha* Hope, 1838; T: *Carabus sexguttatus* Fabricius, 1775

=*Thoracolobus* Gistel, 1857; T: *Anthia thoracica* Thunberg, 1784

=*Calanthia* Obst, 1901; T: *Anthia pulcherrima* Bates, 1888

=*Odontanthia* Obst, 1901; T: *Anthia calida* Harold, 1878b

*ANTHIA* s. str. (11 species)

calida species (Häckel sn. Obst 1901b; = Sg. *Odontanthia* Obst, 1901b sn. Kleinfeld & Puchner 2012):

**1 calida** Harold, 1878b

“innern Guinea: Kabebe“ [=ne ANG]: Lunda Norte, Malanje, Uíhe Provinces; s DOC: Bas-Congo, Kasai-Occidental, Katanga Provinces  
ANG

=*convexipennis* Putzeys, 1880

ferox species (Häckel sn. Obst 1901b)

**2 ferox** Thomson, 1859a

e AF: “Afrique mérid. orient.?“ [=SOM]; ERI, n ETI: Tigray, Oromiya Regions; DJI, SSD [sn. Raffray 1885]

lefebrvei group (Häckel sn. Obst 1901b; = Sg. *Anthia* s. str. sn. Kleinfeld & Puchner 2012)

**3 artemis** Gerstaecker, 1884

e AF: “Kilimandjaro“ [=ne TAN: Kilimanjaro Reg.]; Arusha, Mwanza Regions; BUR, ETI: Oromiya Reg.; KEN: Rift Valley Prov.; UGA “Südost-Victoria-Nyansa“ [=nw TAN: Mwanza Reg.]

=*angulata* Obst, 1901b

**4 bucolica** Kolbe, 1894

e AF: BUR, e DOC, KEN, MAW, TAN, UGA, ZAM “bei Bukoba am Westufer des Victoria-Njansa“ [=nw TAN: Kagera Reg.]; Iringa Reg.; BUR, e DOC: Sud-Kiwu Prov.; KEN: Rift Valley Prov.; MAW, UGA, ZAM

ssp. *bucolica* s. str.

ssp. *adulatrix* Kolbe, 1894

**5 lefebvrei** Guérin-Ménéville, 1847

**6 lunae** Thomson, 1859b

ssp. *lunae* s. str.

=*tomentosa* Chaudoir, 1861

ssp. *bordasii* Roger, 1899

ssp. *martensi* Obst, 1901b

=*fallax* Obst, 1901b

sexguttata species (Häckel sn. Obst 1901b; = Sg. *Pachymorpha* sn. Kleinfeld & Puchner 2012)

**7 sexguttata** (Fabricius, 1775) *Carabus*

ssp. *sexguttata* s. str.

=*thunbergi* Fischer von Waldheim, 1806

=*orientalis* Hope, 1838 *Pachymorpha*

“Tanganjika-See“ [=w TAN: Kigoma, Rukwa Regions]; Mbeya, Ruvuma Regions e AF: “Abyssinie“ [=ETI]: Tigray Reg.; DJI, ERI, ETI: Oromiya, Tigray Regions; KEN: Rift Valley Prov.; SSD e, w AF: BEN, BFO, CAM, CON, DOC, GHA, KEN, NRE, RCA, SSD, SUD, TAN, TCH, TOG, UGA

“Région du Nil Blanc“ [=SSD]; CAM, CON, ne DOC: Orientale Prov.; NRE, RCA, SUD, TCH

“Kordofan“ [=SSD]

“Dahomey: cimetière des Amazones, d'Abomey“ [=s BEN: Zou Dept.]; BFO, GHA, s NRE, TOG

“Deutsch-Ostafrika: Iringa; Uhehe; Weg von Ubena bis Langenburg“ [=sw TAN: Iringa Reg.]; KEN: Rift Valley Prov.; UGA

“Uhehe, Iringa in Deutsch-Ostafrika“ [=sw TAN: Iringa Reg.]

s AS: AFG, BAN, IND, IRN, KAZ, NEP, PAK, SRL, TUM, UZB

“Suratte Indiae“ [w IND: Gur: Surat]; And, Ass, Ben, Har, Hip, Jhr, Kas, Ker, Krt, Map, Mhy, Mhp, Mhr, Nwd, Ori, Pun, Raj, SiD, Tmd, Tri, Utk, Utp; BAN, NEP, PAK, SRL [IND]

“circa Poonah in India orientali“ [=ne IND: Mhr: Pune]

=*indica* Chaudoir, 1861  
 =*elliptica* Motschulsky, 1864  
 ssp. *mannerheimi* Chaudoir, 1842

ssp. *afghana* Anichtchenko, 2009

thoracica group (Häckel sn. Obst 1901b = Sg. *Anthia* s. str. sn. Kleinfeld & Puchner 2012)  
**8** *cinctipennis* [Dupont in litt.] Lequien, 1832

ssp. *cinctipennis* s. str.

=*marginipennis* Laporte de Castelnau, 1835  
 =*limbipennis* Chaudoir, 1861  
 =*pachyoma* Chaudoir, 1883

=*hottentota* Oliff, 1889  
 =*dissimilis* Obst, 1901b

=*fairmairei* Sternberg, 1907a

ssp. *actaeon* Erichson, 1843

“Indes orientales“ [=BAN, e IND]  
 “Tranquebar“ [=se IND: Tmd]  
 “Prov. de Mazendéran, près de Astrabad“ [=IRN: Mazandaran Province: Gorgan]; Amu-Darja (Perse)“ [=TUM]; KAZ, TUM, UZB  
 c AFG: Oruzgan [Uruzgan Prov.], Sahrestan; 2400m; 2500m; Ghazni [Prov.], Karmay sw Moqur; AFG, PAK

s AF: ANG, BOW, LES, MOS, NAB, RSA, SWA, TAN, ZAM, ZIM  
 “Cap de Bonne-Espérance“ [=RSA]: Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, Northern Cape, North West Provinces; s ANG: Cuando Cubango, Cunene Provinces; BOW, LES, MOS: Maputo Prov.; NAB: Erongo, Hardap, Karas, Khomas, Kunene, Omaheke, Otjozondjupa Regions; SWA, ZAM, ZIM  
 “Cafreterie“ [=MOS, RSA, ZIM] MOS  
 “Transvaal“ [=ne RSA: Gauteng, Limpopo, Mpumalanga, North-West Provinces]  
 “Matabeleland“ [=ZIM]  
 “Rietfontein (Deutsch-Südwestafrika)“ [=c NAB: Omaheke Reg.]  
 “Namaland“ [=s NAB: Hardap, Karas Regions]  
ANG: Cunene, Namibe Provinces; n NAB: Kunene,

=*optera* Bates, 1889

**9** *circumscripta* Klug, 1853

ssp. *circumscripta* s. str.

=*striatopunctata* Guérin-Méneville, 1847

=*vitticollis* Bates, 1878  
 =*burdoi* Fairmaire, 1882a  
 =*ovampoensis* Péringuey, 1892a

=*fochi* Bénard, 1919

ssp. *niveicineta* Bates, 1889

=*duparqueti* Lucas, 1867

ssp. *omostigma* Chaudoir, 1866

**10** *maxillosa* [Olivier in litt.] (Fabricius, 1781) *Carabus*

Ohangwena, Omusati, Oshana, Oshikoto Regions  
 “Mossamedes (Sala)“ [=sw ANG: Namibe Prov.]  
 c, e, s AF: ANG, BOW, DOC, KEN, MAW, MOS, NAB, RSA, TAN, ZAM, ZIM  
 “Mossambique: Tette“ [=n MOS: Tete Prov.]; BOW, DOC: Katanga Prov.; KEN, MAW, NAB: Caprivi, Hardap, Ohangwena, Okavango, Omusati, Oshana, Oshikoto, Otjozondjupa Regions; RSA: Gauteng, Free State, Eastern Cape, KwaZulu-Natal, Northern Cape, North West Provinces; TAN: Iringa, Mbeya, Mtwara, Ruvuma Regions, ZAM, ZIM  
 “Abyssinie“ [=ETI] probably by error  
 “Lake Nyassa“ [=n MAW]  
 “Zanguebar“ [=e TAN]  
 “Ovampoland“ [=n NAB: Ohangwena, Omusati, Oshana, Oshikoto Regions]  
 “Umtali, dans le Manicaland (Rhodésia du Sud)“ [=e ZIM: Manicaland Prov.: Mutare]  
Humpata [=sw ANG: Namibe Prov.]; Mossamedes (Sala) [=w ANG: Namibe, Zaire Provinces]  
 “cap Négro“ [=sw ANG: Namibe Prov.: Cabo Negro]  
 “Benguéla“ [=w ANG: Benguela Prov.]; Bihé, Cunene Provinces  
 s, e AF: “Cap. bon. sp.“ [=s RSA]: Eastern Cape, Free State, Limpopo, Mpumalanga, Northern Cape, North West,



=*agilis* Thunberg, 1784 *Carabus*  
=*atra* Chaudoir, 1843

=*fabricii* Crotch, 1871  
NN for *Carabus maxillosus* Fabricius, 1781  
=*alga* Péringuey, 1896

=*khoina* Péringuey, 1899

**11** *thoracica* (Thunberg, 1784) *Carabus*

ssp. *thoracica* s. str.

=*fimbriatus* (Thunberg, 1784) *Carabus*  
=*maculicollis* Perroud, 1846 *Anthia*

=*portentosa* Dohrn, 1882 *Anthia*  
JH of Fairmaire, 1882

=*stigmopera* [Chaudoir in litt.] Péringuey, 1896  
*Anthia*

Western Cape Provinces; s  
MOS: Maputo Prov.; s NAB:  
Hardap, Karas Regions  
“Capite bonae spei“ [=s RSA]  
“Cap de Bonne-Espérance“ [=s  
RSA]

“Mozambique (Rikatla)“ [=s  
MOS: Maputo Prov.]  
“w Karroo: (Fraserburg,  
Worcester); Namaqualand  
(Concordia, Garies); nw part of  
the [Cape] Colony (Calvinia,  
Pella, Bushmanland)“ [=s  
RSA: Northern Cape, Western  
Cape Provinces]

s AF: BOW, KEN, LES, MAW,  
MOS, NAB, RSA, SWA, TAN,  
ZAM, ZIM

“Capite bonae spei“ [=s RSA]:  
Eastern Cape, Free State,  
Gauteng, KwaZulu-Natal,  
Limpopo, Mpumalanga,  
Northern Cape, North West,  
Western Cape Provinces;  
BOW, LES, MAW, s MOS:  
Inhambane, Maputo Provinces;  
n NAB: Caprivi, Erongo,  
Hardap, Kunene, Ohangwena,  
Okavango, Omusati, Oshana,  
Oshikoto, Otjozondjupa  
Regions; SWA, ZAM, ZIM  
“Capite bonae spei“ [=s RSA]  
“T intérieur de Natal“ [=se  
RSA: KwaZulu-Natal Prov.]  
“südafrikanische Ausbeute des  
dr. Holub“ [=BOW, ne NAB,  
RSA, ZAM, ZIM]

“Manica [=e ZIM: Manicaland  
Prov.]; Ovampoland“ [=n  
NAB: Ohangwena, Omusati,  
Oshana, Oshikoto Regions]

=*dohrni* Rousseau, 1906 *Anthia*  
NN for *Anthia portentosa* Dohrn, 1882  
ssp. *luculediensis* Sternberg, 1906b

“Südöstliches D.-Ostafrika:  
Lukuledi; Mikindani [=TAN:  
Mtwara Reg.]; Kilwa [=Lindi  
Reg.]; Mahenge Distr.;  
[=Morogoro Reg.]; Madibira  
[=Mbeya Reg.]; Ugoni“  
[=Ruvuma Reg.]; s KEN: Coast  
Prov.

**B A E O G L O S S A** Chaudoir, 1850; T: *Anthia villosa* Thunberg, 1806 (species: 2)

**1** *melanaria* (Boheman, 1848) *Anthia*

e AF: “Cafrerie“ [=n RSA,  
ZAM, ZIM]: Free State,  
Northern Cape, North West,  
Limpopo Provinces; BOW,  
NAB: Caprivi, Erongo,  
Hardap, Khomas, Kunene,  
Okavango, Omaheke,  
Otjozondjupa Regions  
“Caffraria interior“ [=n RSA,  
ZAM, ZIM]

=*anthracina* (Guérin-Ménéville, 1849) *Anthia*

**2** *villosa* (Thunberg, 1806) *Anthia*

s AF: “Caput bonae spei“ [=s  
RSA]: Eastern Cape, Free  
State, Northern Cape, Western  
Cape Provinces  
“Cap de Bonne-Espérance“ [=s  
RSA]

=*decemsulcata* Bonelli, 1813 *Anthia*

**C H I L A N T H I A** Obst, 1901b; T: *Anthia cavernosa* Gerstaecker, 1867 (1 species)

**1** *cavernosa* Gerstaecker, 1867

e AF: “ad lacum Jipe“ [=ne  
TAN: Kilimanjaro Reg.];  
“Mombas“ [=se KEN: Coast  
Prov.: Mombasa Distr.]; se  
SOM: Shabeellaha Dhexe Reg.

**C Y C L O L O B A** Chaudoir, 1850; T: *Anthia septemguttata* Fabricius, 1794  
(species: 2)

**CYCLOLOBA** s. str. (2 species)

**1** *septemguttata* (Fabricius, 1794) *Carabus*

s AF: “Cap. Bon. spei“  
[=RSA]: Eastern Cape, Free

=*sexnotatus* Thunberg, 1806 *Carabus*

=*pilosa* Boheman, 1848 *Anthia*

**2** *truncatipennis* (Boheman, 1848) *Anthia*

=*delegorguei* Guérin-Méneville, 1847 *Anthia*

=*acuticollis* Thomson, 1857a *Anthia*

**ACANTATNHIA** s. str. (1 species)

**3** *mirabilis* (Sternberg, 1906a) *Anthia*

**CALANTHIA** s. str. (3 species)

**4** *ida* (Kolbe, 1894) *Anthia*

**5** *oberthuri* (Obst, 1906) *Anthia*  
 NN for *Anthia pulcherrima* Bates sn. Obst 1901b  
 =*pulcherrima* Obst, 1901b *Anthia*

**6** *pulcherrima* (Bates, 1888) *Anthia*

State, Gauteng, KwaZulu-Natal, Mpumalanga Provinces; BOW, SWA  
 “Promontorium bonae spei” [=s RSA]  
 “Montes Makkalienses” [=c RSA: Gauteng Prov.]  
 s AF: “Caffraria interior” [=n RSA, ZAM, ZIM]: KwaZulu-Natal, Northern Cape Provinces; LES  
 “Natal” [=se RSA: KwaZulu-Natal Prov.]  
 “Natal” [=se RSA: KwaZulu-Natal Prov.]

c AF: “San Benito Flufs (Congo)” [=c CON: Saint Benoit (Boundji)]; GAB

e AF: “bei Bukoba am Westufer des Victoria-Njansa” [=nw TAN: Kagera Reg.]; Dodoma, Mwanza, Shinyanga, Singida, Tabora Regions  
 e AF: BOW, MAW, n RSA: Limpopo Prov.  
 “Ubemba in Brit.-O.-Afrika” [=n MAW: Northern Prov.];  
 Ubena-Langenburg in D.-O.-Afrika; Konde-Unyika, nordöstlich vom Nyassa-See“ [=sw TAN: Mbeya Reg.]; BOW, n RSA: North West Prov.; ZIM  
 se AF: “River Lujenda, East Africa” [=nw MOS: Niassa Prov.: Lugenda Riv./ sw TAN: Iringa, Mbeya, Rukwa, Ruvuma Regions]; se DOC: Katanga Prov.; ZAM

=*nyassica* Sternberg, 1906a *Anthia*

“Langenburg (Nyassa-See bor.)” [=sw TAN: Mbeya Reg.: Tukyu]

**TERMOPHILUM** Basilewsky, 1950; T: *Carabus decimguttatus* Linnaeus, 1764 (32 species)  
 =*Thermophila* Hope, 1838; T: *Carabus decimguttatus* Linnaeus, 1764  
 =*Thermophilum* misspelling

biguttatum group (Häckel sn. Obst 1901b):

biguttatum subgroup (Häckel sn. Kleinfeld & Puchner 2012)

**1** *biguttatum* (Bonelli, 1813) *Anthia*

s AF: type locality not stated; “Cap de Bonne-Espérance” [=RSA sn. Basilewsky 1980]: Eastern Cape, Western Cape Provinces

=*costata* Gory, 1836 *Anthia*

“Cap de Bonne-Espérance” [=s RSA]: Western Cape Prov.

=*sexcostata* Chaudoir, 1848 *Anthia*

“Cap de Bonne-Espérance” [=s RSA]

=*reichei* [Dejean] Obst, 1901b *Anthia*

“Cap de Bonne-Espérance” [=s RSA]

**2** *capillatum* (Obst, 1901b) *Anthia*

sw AF: “Hereroland (Deutsch-Südwestafrika)” [=c NAB: Erongo, Khomas, Kunene, Omaheke, Otjozondjupa Regions]; s ANG: Cuango Cubango, Cunene Provinces

**3** *mimum* (Péringuey, 1896) *Anthia*

s AF: “Carnarvon; Fraserburg” [nw RSA: Northern Cape Prov.]

**4** *namaquum* (Péringuey, 1896) *Anthia*

s AF: “Small Namaqualand (O’okiep)” [nw RSA: Northern Cape Prov.]; North West, Western Cape Provinces

=*propinqua* Péringuey, 1896 *Anthia*

“Small Namaqualand (O’okiep)” [=nw RSA: Northern Cape Prov.]; Springbokfontein“

=*affinis* Obst, 1901b *Anthia*

[=North West Province]

=*parallela* Obst, 1901b *Anthia*

“Orlog River, Capland” [=w RSA: Northern Cape Prov.]

“Troë-Troë (West-Capland)” [=s RSA: Western Cape Prov.]

cephalotes subgroup (Häckel sn. Kleinfeld & Puchner 2012)

**5** *aequilaterum* (Klug, 1853) *Anthia*

se **AF**: “Mossambique: Tette“ [=n MOS: Tete Prov.]; Zambézia Prov.; BOW, s KEN: Coast Prov.; MAW, NAB: Caprivi, Okavango Regions; TAN: Dodoma, Singida Regions, ZIM

=*menyharti* Brancsik, 1897 *Anthia*

“Zambezi, Boroma“ [=c MOS: Zambézia Prov.: Morrumbala] e **AF**: “Afrique Orientale: Kedong Valley“ [=s KEN: Rift Valley Prov.]; SSD, n TAN: Arusha, Mara Regions

**6** *babaulti* (Bénard, 1921a)\* *Anthia*

=*desertorum* Thomson, 1859b\* *Anthia*

**7** *cephalotes* (Guérin-Méneville, 1845) *Anthia*

“Région du Nil Blanc“ [=SSD] se **AF**: “reg. Massilicatz“ [=s MOS: Gaza, Maputo Provinces]; BOW; e, n RSA: KwaZulu-Natal, Limpopo, Mpumalanga, Northern Cape, North West Provinces; SWA, ZIM

=*bimaculata* Perroud, 1846 *Anthia*

“l'intérieur de Natal“ [=se RSA: n KwaZulu-Natal Prov.]

=*binotata* Perroud, 1846 *Anthia*

“Natal“ [=se RSA: n KwaZulu-Natal Prov.]

=*immaculata* Wallengreen, 1881 *Anthia*

“Transvaal: Waterberg“ [=ne RSA: Limpopo Prov.]

=*torva* Péringuey, 1896 *Anthia*

“Transvaal (Middelburg)“ [=ne RSA: Mpumalanga Prov.];

=*sternbergi* Obst, 1903 *Anthia*

Middle Limpopo [=Limpopo Prov.]; Mozambique (Lebombo)“ [=s MOS: Maputo Prov.]

**8** *csikii* (Obst, 1906) *Anthia*

“Cap der guten Hoffnung“ [=s RSA]

sw **AF**: “Kubub, D.-S.-W.-Afrika“ [=s NAB: Karas Reg.];

w RSA: Northern Cape Prov.

limbatum subgroup (Häckel sn. Kleinfeld & Puchner 2012)

**9** *limbatum* (Dejean, 1831) *Anthia*

ssp. *limbatum* s. str.

sw **AF**: w BOW, ne NAB, RSA

“Cap de Bonne-Espérance“ [=s RSA]: Eastern Cape, Free

ssp. *kolbei* Obst, 1901b

**10** *machadoi* (Basilewsky, 1955a) *Anthia*

**11** *ovampoa* (Péringuey, 1896) *Anthia*

ssp. *ovampoa* s. str.

=*alvesi* Sternberg, 1906b *Anthia*

ssp. *cunenense* [Basilewsky in litt.] Kleinfeld & Puchner, 2012 “N.-W-Namibia,

burchelli group (Häckel sn. Obst 1901b):

**12** *brevittatum* (Obst, 1901b) *Anthia*

**13** *burchelli* (Hope, 1832) *Anthia*

State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, North West, Western Cape Provinces; BOW

“Outyo, Deutsch-Südwestafrika“ [=n NAB: Kunene Reg.: Outjo]; Caprivi, Erongo, Khomas, Kunene, Okavango, Ohangwena, Omaheke, Omusati, Oshana, Oshikoto, Otjozondjupa Regions; s ANG: Cunene Prov.; w BOW; w RSA: Northern Cape Prov.

sw **AF**: “Moçâmedes: Deserto de Moçâmedes“ [=sw ANG: Namibe Prov.]; nw NAB: Kunene Reg.

sw **AF**: ANG, BOW, NAB, RSA “Ovampoland“ [=n NAB: Ohangwena, Omusati, Oshana, Oshikoto Regions]; s ANG: Cuanza Norte, Cuango-Cubango, Cunene Provinces; n BOW; se RSA: KwaZulu-Natal Prov.

“Natal“ [=se RSA: KwaZulu-Natal Prov.]

“N.-W-Namibia, Marienfluss; 17°36'S, 12°31'E; Junction east branch Marienfluss-Cunene Riv., nw Kaokoveld“ [=s ANG: Cunene Prov.]

e **AF**: “Uhehe, Iringa (Deutsch-Ostafrika)“ [=ec TAN: Iringa Reg.]; Morogoro, Pwani, Dar Es Saalam Regions

c, s, se **AF**: BOW, DOC, MAW, MOS, NAB, RSA, TAN, ZAM, ZIM

ssp. *burchelli* s. str. unknown [“Cafrerie” sn. Lequien 1832 =BOW, RSA, ZAM, ZIM]; s MOS: Gaza, Inhambane, Maputo Provinces; NAB: Caprivi, Erongo, Kunene Regions; KwaZulu-Natal, Limpopo, North West Provinces; s TAN: Lindi, Mbeya Regions

=*nuda* Sternberg, 1906b *Anthia* “Sikumba; Maputa im südlichen Portugiesisch Ost-Afrika” [=s MOS: Maputo Prov.]

=*maculata* Sternberg, 1906b *Anthia* “Lindi (D.-Ostafrika) [=se TAN: Lindi Reg.]; Langenburg (Nyassa-See)” [=sw TAN: Mbeya Reg.: Tukyuyu]

ssp. *petersi* (Klug, 1853) *Anthia* “Mossambique: Tette” [=n MOS: Tete Prov.]; Niassa Prov.; s DOC: Katanga Prov.; MAW, ZAM, ZIM

ssp. *upembanum* Basilewsky, 1953 “P. N. U., Mabwe”: 585m [=se DOC: Katanga Prov.: Parc National de l'Upemba]

**14 praesignis** (Bates, 1888) *Anthia* s AF: “Mamboia” [=nw MOS: Niassa Prov.]; s TAN: Ruvuma Reg.

**14 sexmaculatum** (Fabricius, 1787) *Carabus* n AF: “Barbaria” [=ALG, LIB, MOR, TUN]; EGY, MLI, MRI, NIG, SSD, SUD, TUN, TCH, WSA; sw AS: SYR

=*marginata* Latreille, 1823 *Anthia*; **syn. nov.** “El-Ouâh el Bahryeb (Nubie)” [=SSD]

=*pharaonum* Bedel, 1914 *Anthia* “désert arabique d'Égypte” [=EGY]

=*singularis* Bedel, 1914 *Anthia* “Sud Oranais” [=ALG]

=*gafsana* Bodemeyer, 1931 *Anthia* TUN: Oasis Gafsa

massilicatum group (Häckel sn. Obst 1901):

**15 aemilianum** (Dohrn, 1881) *Anthia* s AF: type locality not stated, [“Zambezia,nördlichere Grenze der Holub'schen

=*betschuana* Obst, 1908a *Anthia*

**16 alternatum** (Bates, 1878) *Anthia*

**17 andersoni** (Chaudoir, 1861) *Anthia*

ssp. *andersoni* s. str.

=*westermanni* Dohrn, 1883 *Anthia*

ssp. *bennigseni* Sternberg, 1906b *Anthia*

ssp. *crudelis* Harold, 1878b *Anthia*

ssp. *latepunctatum* [Basilewsky in litt.] Kleinfeld & Puchner, 2012

Exploration” (=n BOW, s ZAM) sn. Dohrn 1881]; BOW, n NAB: Ohangwena, Omaheke, Omusati, Oshana, Oshikoto Regions; n RSA: Free State, Northern Cape, North West Provinces

“Betschuanaland-Protektorat: Mookane (Kalahari); Lookaneng-Severelela (Kalahari); Khakhea-Kgokong (Kalahari)” [=n BOW]

s AF: “Lake Nyassa” [=sw TAN/ n MOS]; s DOC: Katanga Prov.; s KEN: Eastern Prov.; c, n MOS: Niassa, Sofala, Zambézia Provinces; c, s, se TAN: Dodoma, Iringa, Lindi, Mbeya, Mtwara, Tabora Regions

s, sw AF: ANG, BOW, DOC, NAB, RSA, ZAM, ZIM

“lac N'gami” [=nw BOW: Ngami Lake]; s ANG: Cuando Cubango, Cunene Provinces; n NAB: Hardap, Khomas, Ohangwena, Omaheke, Omusati, Oshana, Oshikoto, Otjozondjupa Regions; nw RSA: Northern Cape, North West Provinces

“Ad flumen Zambese” [=BOW, ne NAB]

type locality not stated, s DOC: Bandundu, Kasai-Occidental Provinces; n ANG: Malanje Prov.

“innern Guinea: Kabebe” [=probably ne ANG sn. Chaudoir, 1876]; DOC: Kasai-Occidental, Katanga Provinces; n ANG: Lunda Norte Prov.

“Bihé” [=c ANG: Bié Prov.]; ZAM: West [Prov.] Liamana

ssp. *shabanum* [Basilewsky in litt.] Kleinfeld & Puchner, 2012 “Lulua Kapanga“  
 env.: 1092m; 15°13'34"S, 23°21'71"E; Huambo, Moxico, Lunda Sul Provinces; ZIM  
**18 calvum** (Sternberg, 1907d) *Anthia*  
 [=se DOC: Katanga Prov. e AF: “Région de Tanganjika“  
 [=se DOC: e Katanga Prov.]; sw TAN: Ruvuma Reg.; ne ZAM  
 =*pilosa* Obst, 1906 *Anthia*  
 “Kigonsera, Nordufer vom Nyassa-See“ [=sw TAN: Ruvuma Reg.]  
**19 fornasinii** (Bertoloni, 1849a) *Anthia*  
 e AF: DOC, KEN, MAW, MOS, RSA, TAN, ZAM, ZIM  
 ssp. *fornasinii* s. str.  
 “Inhambane“ [=se MOS: Inhambane Prov.]; Maputo, Tete Provinces; se DOC: Katanga Prov.; MAW, e RSA: KwaZulu-Natal, Limpopo, Mpumalanga Provinces; s TAN: Iringa, Lindi, Mbeya, Mtwara, Ruvuma Regions  
 =*unicolor* Chaudoir, 1861 *Anthia*  
 “Delagoa“ [=s MOS: Maputo Prov.: Baía Maputo]  
 =*aequecostata* Sternberg, 1907d *Anthia*  
 “Blantyre (Brit. Ostafrika, Östlich vom Shire-Fluß)“ [s MAW: Southern Region]; Uhehe (Deutsch-Ostafrika)“ [=sw TAN: s Iringa Reg.]  
 ssp. *gorge* Kolbe, 1894 *Anthia*  
 “bei Bukoba am Westufer des Victoria-Njansa“ [=nw TAN: Kagera Reg.]; Mara Reg.  
 ssp. *hildebrandti* Harold, 1878a *Anthia*  
 “Sansibar“ [=TAN: Zanzibar Isl. Regions]; Dar es Salaam, e Iringa, Pwani, Tabora Regions; s KEN: Coast Prov.  
 =*ampliata* Chaudoir, 1878 *Anthia*  
 “Bagamoyo près de Zanzibar“ [=e TAN: Zanzibar Isl. Regions]  
 ssp. *stygne* Kolbe, 1894 *Anthia*  
 “Muansa am Südufer des Victoria-Njansa“ [=nw TAN: Mwanza Reg.]; Iringa, Mbeya, Morogoro Regions; e DOC: Sud Kivu Prov.

=*madibirensis* Sternberg, 1907d *Anthia*  
 =*schenklingi* Sternberg, 1907d *Anthia*  
 =*uhehensis* Sternberg, 1907d *Anthia*  
**20 massilicatum** (Guérin-Méneville, 1845) *Anthia*  
 “Madibira (Uhehe: Deutsch Ostafrika)“ [=sw TAN: Mbeya Reg.]  
 “Deutsch Ostafrika (Manow, Uhehe)“ [=sw TAN: w Iringa Reg.]  
 “Uhehe (Deutsch Ostafrika)“ [=sw TAN: Iringa Reg.]  
 se AF: “reg. Massilicatzi“ [=s MOS: Gaza, Maputo Provinces]; ANG: Huila Prov.; BOW, n NAB: Erongo, Omaheke, Otjozondjupa Regions, RSA: Free State, KwaZulu-Natal, Limpopo, Mpumalanga, North West Provinces; ZAM, ZIM  
 “I intérieur de Natal“ [=e RSA: KwaZulu-Natal Prov.]  
 =*natalensis* Perroud, 1846 *Anthia*  
 “Caffraria interior“ [=n RSA, ZAM, ZIM]  
 =*damarensis* Kuntzen, 1919 *Anthia*  
 “Rietfontein-Nord; Herero“ [=e NAB: Otjozondjupa, Omaheke Regions]  
 =*laevithorax* Bénard, 1922c *Anthia*  
 “Angola (district de Huilla), passage dela Luassingua“ [=sw ANG: Huila Prov.]  
**21 pilosum** (Obst, 1906) *Anthia*  
 e AF: “Kigonsera“ [=sw TAN: Ruvuma Reg.]; MAW; nw MOS: Niassa Prov.  
 =*discedens* Sternberg, 1907d *Anthia*  
 “Kandulu (R. Lubjenda, Nord. Portug. Ostafrika)“ [=s TAN: Ruvuma Reg.]  
**22 principale** Sternberg, 1907d *Anthia*  
 e AF: “Nyassa-See, Deutsch-Ostafrika (Mahenge [=c TAN: Morogoro Reg.]; Manow [=w Iringa Reg.]; Langenburg am Nordende des Nyassa“ [Mbeya Reg.: Tukyū]; Lindi, Ruvuma Regions

nimrod group (Häckel sn. Obst 1901b):

**23 *decemguttatum*** (Linnaeus, 1764) *Carabus*

=*alboguttatus* DeGeer, 1778 *Carabus*

=*elongatus* DeGeer, 1778 *Carabus*

=*quadriguttatus* [Olivier in litt.] Fabricius, 1792  
*Carabus*

=*actaeon* Fabricius, 1794 *Carabus*

=*alboguttatus* Schoenherr, 1778 *Carabus*

=*elongatus* [Olivier in litt.] Schoenherr, 1778 *Carabus*

=*laevicollis* [Schoenherr in litt.] Dejean, 1825 *Anthia*

=*guttata* Lequien, 1832 *Anthia*

=*villosa* [Westermann in litt.] Lequien, 1832 *Anthia*

=*cruoricollis* Mannerheim, 1837 *Anthia*

=*knysna* Péringuey, 1896 *Anthia*

=*stolida* Péringuey, 1896 *Anthia*

=*vorax* Péringuey, 1896 *Anthia*

=*punctulata* Sternberg, 1906b

=*oblongoguttata* Heyne & Taschenberg, 1908 *Anthia*

=*octoguttata* Heyne & Taschenberg, 1908 *Anthia*

=*degeeri* de Jong, 1944 *Anthia*

=*nollothiana* Basilewsky, 1948

**24 *galla*** (Thomson, 1859b) *Anthia*

s **AF**: “Cap. b. Spei.“ [=s  
RSA]: Free State, Northern  
Cape, Western Cape Provinces;  
BOW, s NAB: Karas Reg.

“pris du Cap“ [=s RSA: Cape  
Prov.]

“pris du Cap“ [=s RSA: Cape  
Prov.]

“Cap de Bonne-Espérance“ [=s  
RSA: Cape Prov.]

“Cap de Bonne-Espérance“ [=s  
RSA: Cape Prov.]

“Cap de Bonne-Espérance“ [=s  
RSA: Cape Prov.]

“Cap de Bonne-Espérance“  
[=s RSA: Cape Prov.]

“Cap de Bonne-Espérance“ [=s  
RSA: Cape Prov.]

“Cap de Bonne-Espérance“ [=s  
RSA: Cape Prov.]

“Cap de Bonne-Espérance“ [=s  
RSA: Cape Prov.]

“Caput bonae Spei“ [=s RSA:  
Western Cape Prov.]

“Cape Colony (Knysna)“ [=s  
RSA: Western Cape Prov.]

“Cape Colony (Knysna?.,  
Oudtshoorn)“ [=s RSA:  
Western Cape Prov.]

“Cape Colony (Ladismith)“ [=s  
RSA: Western Cape Prov.]

“Kapland und Oranje (D.-SW.-  
Afrika)“ [=c, s RSA]

“Kap und Natal“ [=s, se RSA]

“Kap und Natal“ [=s, se RSA]

“South Africa“

“Namaqualand“ [=sw RSA:  
Northern Cape Prov.]

c, e, w **AF**: BEN, CAM, CON,  
DOC, ETI, GHA, NRE, RCA,  
RCI, SEN, SOM, SSU, SUD,  
TCH, TOG, UGA

ssp. *galla* s. str.

=*georgei* Ancey, 1885 *Anthia*

=*bella* Obst, 1901b *Anthia*

=*obsti* Sternberg, 1906a *Anthia*

=*senegalensis* Sternberg, 1906a *Anthia*

=*somala* Müller, 1938 *Anthia*

=*congoana* Basilewsky, 1948 *Anthia*

ssp. *lesnei* (Sternberg, 1906a) *Anthia*

ssp. *luluanum* Basilewsky, 1948

ssp. *torleyi* (Burgeon, 1929) *Anthia*

=*ertliana* Bénard, 1929a *Anthia*

**25 *hedenborgi*** (Boheman, 1848) *Anthia*

**26 *hexastictum*** (Gerstaecker, 1867) *Anthia*

ssp. *hexastictum* s. str.

ssp. *fortesculptum* (Müller, 1938) *Anthia*

“Région du Nil Blanc“ [=SSD];

BEN, GHA, CAM, s CON,  
DOC: Bas-Congo, Orientale  
Provinces; ETI: Southern

Nations, Nationalities and  
People’s Region]; NRE, RCA,

RCI, SEN, SOM: Banaadir  
Reg.; TCH, TOG

“Wydah, Guinée“ [=BEN]

TOG: “Misahöhe“

“Ketu (Dahomé)“ [=se BEN]

SEN

“Dimé-Bass Narok (Lago  
Rodolfo)“ [=s ETI: Southern

Nations, Nationalities and  
People’s Region]; Somalia

italica (Brava, presso  
Mogadiscio)“ [=s SOM:

Banaadir Reg.]

“Oubangui-Chari“ [=RCA]

“Congo français: Haute Sanga,  
Nebenflufs des unteren Congo“

[=w RCA: Mambéré-Kadéi  
Prefecture]; CAM, n CON

“Kafakumbu“ [=se DOC:  
Katanga Prov.]

UGA: Gula; ne DOC: Orientale  
Prov.

“Ouganda, Afrique Occidentale  
anglaise“ [=UGA]

ne **AF**: “Sennaar ad Bahr el  
Abiad“ [=se SUD: Sennar];

ERI, n ETI: Tigray Reg.; SSD  
e **AF**: ne DOC, s ETI, KEN,  
TAN, s SOM

“ad lacum Jipe“ [Lake =ne  
TAN: Kilimanjaro Reg.];

Zanzibar Isl Regions; ne DOC:  
Orientale Prov.; KEN: Coast,  
Eastern, Rift Valley Provinces

“Bacino de Giuba; [=s  
SOM: Gedo Reg.]; tra Dolo;

“Neghelli“ [=s ETI: Oromiya

ssp. *megaera* (Lucas, 1881)  
sn. Fairmaire 1882b *Anthia*

=*somaliana* Bénard, 1929b *Anthia*

**27** *nimrod* [Olivier in litt.] (Fabricius, 1793) *Carabus*

ssp. *nimrod* s. str.

=*errans* Olivier, 1795 *Carabus*  
ssp. *bouvieri* (Sternberg, 1906a) *Anthia*

=*lemoulti* Kuntzen, 1913a *Anthia*

**28** *omoplatum* [Dupont in litt.] (Lequien, 1832) *Anthia*

ssp. *omoplatum* s. str.

Reg.]; n KEN: North Eastern Prov.  
“Saulalé, intérieur de Brawa (Afrique australe)“ [=s SOM: Shabeellaha Hoose Reg.: n of Baraawe]; Banaadir, Jubbada Dhexe, Jubbada Hoose, Shabeellaha Dhexe Regions  
“Somalia italiana, lungo il corso del'Uebi Scebeli“ [=s SOM: Shabeellaha Hoose Reg.]  
w, c **AF**: BEN, GAM, GBI, MLI, MRE, NIG, NRE, RCA, SEN, TCH, TOG  
“Senegalia“ [=SEN]; BEN, GAM, GBI, MLI, MRE, NIG, NRE, TCH, TOG  
SEN  
“Congo francais: Haute Kemo, Zuflufs des mittleren Ubangi“ [=sw RCA: Kémo Prefecture]  
“Fort Sibut im Nordscharitschadgebiet“ [=s RCA: Kémo Pref.]  
s **AF**: ANG, BOW, MOS, NAB, RSA, SWA, TAN, ZAM, ZIM  
“Cap de Bonne-Espérance“ [=RSA]: Free State, Gauteng, KwaZulu-Natal, Limpopo, Northern Cape, North West, Western Cape Provinces; s ANG: Cunene Prov., BOW, s MOS: Gaza, Inhambane, Maputo Provinces; NAB: Caprivi, Erongo, Khomas, Kunene, Ohangwena, Okahandja, Okavango, Omaheke, Omusati, Oshana, Oshikoto, Otjozondjupa Regions; ZAM, ZIM

=*homoplata* in error  
=*mellyi* De Brême, 1844 *Anthia*

=*algoensis* Péringuey, 1892a *Anthia*

=*cupiens* Péringuey, 1892a *Anthia*

=*heres* Péringuey, 1892a *Anthia*

=*intempestiva* Péringuey, 1892a *Anthia*

=*vagans* Péringuey, 1892a *Anthia*

=*modesta* Obst, 1901 *Anthia*

=*grandis* Sternberg, 1906b *Anthia*

ssp. *incolatum* (Péringuey, 1892a) *Anthia*

ssp. *parvum* (Obst, 1901b) *Anthia*

**29** *revoili* (Lucas, 1881) sn. Fairmaire 1882b *Anthia*

“Port Natal“ [=se RSA: KwaZulu-Natal]  
“Delagoa Bay“ [=s MOS: Maputo Prov.]  
“Ovampoland“ [=n NAB: Ohangwena, Omusati, Oshana, Oshikoto Regions]; Upper Limpopo“ [=ne RSA: Limpopo Prov.]  
“Northern Ovampoland“ [=n NAB: Ohangwena, Oshikoto Regions]  
“Ovampoland“ [=n NAB: Ohangwena, Omusati, Oshana, Oshikoto Regions]; Damaraland [c NAB: Erongo, Kunene, Otjozondjupa Regions]; Upper Limpopo [=ne RSA: Limpopo Prov.]; British Bechuanaland“ [=Nortehr Cape, North West Provinces]  
“Ovampoland“ [=n NAB: Ohangwena, Omusati, Oshana, Oshikoto Regions]  
“Ngami-See“ [=nw BOW: Ngami Lake]  
“D.-Südwest-Afrika: Okahandja, Windhuk“ [=c NAB: Khomas, Okahandja Regions]  
“Delagoa Bay“ [=s MOS: Maputo Prov.]; e RSA: KwaZulu-Natal, Mpumalanga Provinces; SWA  
“Mikindani (Deutsch-Ostafrika)“ [=se TAN: Mtwara Reg.]; Lindi, Ruvuma Regions; MAW, n MOS: Cabo Delgado, Manica, Niassa Provinces  
e **AF**: “nord du pays des Somalis: montagnes des Gonzalis-Ouarsanguèles,

=*schatzmayri* Straneo, 1942 *Anthia*

**30** *duodecimguttatum* (Bonnelli, 1813) *Anthia*

**31** *venator* (Fabricius, 1792) *Carabus*

=*cursor* Olivier, 1795 *Carabus*  
 =*curstrix* Jacobson, 1906 in error *Anthia*  
 =*venatrix* Jacobson, 1906 in error *Anthia*

sulcatum species (Häckel sn. Obst 1901b)

**32** *sulcatum* [Olivier in litt.](Fabricius, 1792) *Carabus*

ssp. *sulcatum* s. str.

=*angustata* Dejean, 1831 *Anthia*  
 ssp. *adelphum* (Thomson, 1859b) *Anthia*

=*simplex* Obst, 1901b *Anthia*  
 =*variabilis* Obst, 1901b *Anthia*  
 =*voltae* Basilewsky, 1946  
 =*notata* Basilewsky, 1946 U.N.

vallée du Darror et Karkar“  
 [=e SOM: Bari Reg: Buuraha  
 Kar Kar Mts.: Darror Valley];  
 Bay, Mudug Regions; se ETI:  
 Somali Reg.  
 “El Bur, Somalia“ [=c SOM:  
 Mudug Reg.]  
 “Arabie“ [=ne AF: EGY; sw  
 AS: IRN, IRQ, JOR, KAT,  
 KUW, OMA, SAU, UAE,  
 YEM]  
 n, w AF: “Senegalia“ [=GAM,  
 MRI, SEN]; ALG, EGY, LIB,  
 MOR, NIG, NRE, SUD, TCH,  
 TUN, WSA; sw AS: SYR  
 SEN

w AF: BFO, GBI, MLI, MRI,  
 RCA, SEN, SSD, TOG  
 “Senegalia“ [=SEN]; GBI, w  
 MLI, MRI  
 SEN  
 “Région du Nil Blanc“ [=SSD];  
 BFO, CAM, GHA, s MLI,  
 NRE, RCA, TCH, TOG  
 TOG: “Hinterland“  
 TOG: “Hinterland“  
 “Haute Volta: Pundu“ [=BFO]  
 “Haute Volta: Pundu“ [=BFO]

**C Y P H O L O B I N A** Strohmayer, 1928 (genera: 5 species: 70)

**A T R A C T O N O T U S** Perroud, 1846; T: *Atractonotus mulsantii* Perroud, 1846  
 (species: 1)  
 =*Atractonota* Lacordaire, 1854 in error

**1** *mulsantii* Perroud, 1846

s AF: “l’intérieur de Natal“  
 [=RSA: n KwaZulu-Natal];  
 Free State, Limpopo,  
 Mpumalanga, Western

Cape Provinces; s ANG:  
 Cuando Cubango, Cunene  
 Provinces; BOW, MOS:  
 Inhambane, Maputo, Sofala  
 Provinces; NAB: Caprivi,  
 Erongo, Okavango, Omaheke,  
 Otjozondjupa Regions; TAN:  
 Dar Es Saalam, Dodoma,  
 Lindi, Mtwara Regions; ZAM,  
 ZIM  
 “in ripis fluminis Manarra  
 provinciae Inhambanensis  
 Mozambici“ [=se MOS:  
 Inhambane Prov.]  
 “Holub’schen Ausbeute:  
 Zambese“ [=BOW, ZIM]  
 “Daressaalam“ [=e TAN:  
 Dar Es Saalam Reg.]; Lindi,  
 Mtwara Regions  
 “Maputa, Delagoa Bay;  
 Laureço Marques; Rikatla  
 [=s MOS: Maputo Prov.];  
 Zululand; Zulu; Natal;  
 Hulukluwe; Ndumu [=s RSA:  
 KwaZulu-Natal Prov.]

=*minima* Bertoloni, 1857 *Anthia*

=*baucis* Dohrn, 1881 *Anthia*

=*sansibarica* Kolbe, 1898

=*perturbatus* Basilewsky, 1980

**C Y P H O L O B A** Chaudoir, 1850; T: *Anthia alveolata* De Brême, 1844  
 (species: 57)  
 =*Thermophila* Bertoloni, 1849a; T: *Thermophila ranzanii* Bertoloni, 1849a  
 =*Polyhirma* Chaudoir, 1850; T: *Carabus macilentus* Olivier, 1795  
 =*Diabatus* Gistel, 1857; T: *Carabus macilentus* Olivier, 1795 et *Anthia gracilis*  
 Dejean, 1831

alstoni species (Häckel sn. Basilewsky in Kleinfeld & Puchner 2012)

**1** *alstoni* Péringuey, 1892a

s AF: “British Bechuanaland“  
 [=n RSA: n Northern Cape,  
 sw North West Provinces];  
 BOW; n NAB: Ohangwena,  
 Omaheke, Omusati, Oshana,  
 Oshikoto Regions



caillaudi group (Häckel sn. Basilewsky in Kleinfeld & Puchner 2012)

**2** *alveolata* (De Brême, 1844) *Anthia*

ssp. *alveolata* s. str.

=*consobrina* Péringuey, 1896 *Polyhirma*

ssp. *plantii* (Chaudoir, 1861) *Polyhirma*

=*algoensis* Péringuey, 1896 *Polyhirma*

ssp. *ranzanii* (Bertoloni, 1849a) *Thermophila*

=*minima* Bertoloni, 1857 *Anthia*

=*dohrni* [sn. Chaudoir 1850] Sternberg, 1907b *Polyhirma*

**3** *amatonga* Péringuey, 1892b

=*babyana* Strohmeier, 1928

**4** *apicata* (Fairmaire, 1887) *Polyhirma*

=*piaggiae* Gestro, 1881 *Polyhirma* (partim)  
sn. Müller 1938

s **AF**: BOW, MAW, s MOS, e  
RSA, se ZAM, ZIM

“Port Natal” [=RSA: KwaZulu-  
Natal]; Eastern Cape, Gauteng,  
KwaZulu-Natal, Limpopo,  
Mpumalanga, North West  
Provinces; e BOW, se ZAM,  
ZIM

“Transvaal (Middelburg)” [=ne  
RSA: Mpumalanga Prov.]

s MOS: “baie de Delagoa”  
[=Maputo Prov.: Baía Maputo];  
MAW, ne RSA: n Kwa-Zulu  
Natal, Mpumalanga Provinces

“Transvaal (Barberton)” [=ne  
RSA: Mpumalanga Prov.];  
Mozambique (Laurenco-  
Marquez, Rikatla) [=s MOS:  
Maputo Prov.]

“in provincia Inhambanensi  
Mozambici” [MOS:  
Inhambane Prov.]; Manica  
Prov.; ZIM

“in ripis fluminis Manárra  
provinciae Inhambanensis  
Mozambici” [=se MOS:  
Inhambane Prov.]

se **AF**: “Amatongaland [=se  
RSA: n KwaZulu-Natal:  
Tongaland]; Delagoa Bay” [=s  
MOS: Maputo Prov.: Baía de  
Maputo]; ne RSA: Gauteng,  
Limpopo Provinces; ZIM

“Simbabwe” [=n ZIM: Harare,  
Mashonaland East Provinces  
e **AF**: “Sômalis” [=e ETI:  
Somali Reg.; SOM: Banaadir,  
Mudug; Shabeellaha Dhexe,  
Shabeellaha Hoose, Woqooyi  
Galbeed Regions]

=*transversefasciata* Müller, 1938

**5** *bihamata* (Gerstaecker, 1867) *Polyhirma*

ssp. *bihamata* s. str.

=*lesnei* Sternberg, 1907c *Polyhirma*

=*silene* Strohmeier, 1928

ssp. *grotei* Kuntzen, 1913b

=*albini* Bénard, 1921b *Polyhirma*

=*kedongiana* Bénard, 1922b *Polyhirma*

=*loitana* Strohmeier, 1928

**6** *biloba* (Fairmaire, 1882b) *Polyhirma*

**7** *bouvieri* (Sternberg, 1907a) *Polyhirma*

=*wayuana* Strohmeier, 1928

“tra Bohotle e Berbera,  
Somalia inglese” [=n SOM:  
Woqooyi Galbeed Reg.]  
e **AF**: sw KEN, n TAN, UGA  
“ad lacum Jipe” [=ne TAN:  
Kilimanjaro Reg.]; Dar  
Es Saalam, Pwani, Tanga,  
Zanzibar Isl. Regions; s KEN:  
s Coast, s Eastern Provinces; e  
UGA

“Luitpold Kette (Afrique  
orientale allemande)” [=s KEN:  
s Rift Valley Prov.]

“Ouganda, parages du Lac  
Rudolphe” [=e UGA]

“Eldamariverstation” [=w  
KEN: Rift Valley Prov.:  
Eldama Ravine]; w Eastern  
Prov.

“Afrique Orientale: Kedong  
Valley” [=w KEN: Rift Valley  
Prov.]

“Afrique Orientale anglaise:  
Kedong Valley” [=w KEN:  
Rift Valley Prov.]

“Ostafrika, nördl. Massailand,  
Loitakette” [=sw KEN: Rift  
Valley Prov.: Loita Hills]

e **AF**: “pays Somalis,  
Oursangueli” [=s SOM: Bay  
Reg.: Uar Tugar]

e **AF**: “Envir. de Harar,  
vallée de Herer: Bou Sidimo”  
[=e ETI: Harari Reg.];

Oromiya, Southern Nations,  
Nationalities, and People’s  
Regions

“Nordost-Afrika, Nordgalla,  
westl. von Suaisee” [=sw  
ETI: Southern Nations,  
Nationalities, and People’s  
Reg.]

8 *caillaudi* (Laporte de Castelnau, 1835) *Anthia*

ssp. *caillaudi* s. str.

=*polioloma* Chaudoir, 1848 *Anthia*

=*roeschkei* Sternberg, 1907b *Polyhirma*

=*dohrni* Sternberg, 1908 *Polyhirma*  
JH of Sternberg 1907b

=*harrarensis* Strohmeier, 1928  
NN for *Polyhirma dohrni* Sternberg, 1908  
=*erythreensis* Bénard, 1924 *Polyhirma*  
=*dilagala* Basilewsky, 1980

ssp. *biscutellata* (Fairmaire, 1887) *Polyhirma*

=*kolbei* Sternberg 1907b *Polyhirma*

=*clausi* Kuntzen, 1913b *Polyhirma*

=*goetzei* Kuntzen, 1913b *Polyhirma*

e, s **AF**: DJI, ERI, ETI, KEN,  
MOS, NAB, SOM, SSD, SUD,  
TAN, ZAM, ZIM  
“Sennaar“ [=se SUD: Sennar];  
DJI, ERI, ETI: Harari,  
Oromiya, Somali, Tigray  
Regions; n KEN, SOM:  
Mudug, Woqooyi Galbeed  
Regions; SSD  
type locality not stated, [“côtes  
orientales de l’Afrique“ =KEN,  
TAN sn. Chaudoir 1848]  
“Abyssinie (Colonie Erytrée)“  
[=ERI]  
“Harar; [=ETI: Harari Reg.];  
Dadal [=n Oromiya Reg.:  
Dada]; Adi, Halin“ [=Tigray  
Reg.]

“l’Erythrée italienne“ [=ERI]  
“Berbera; Somalie. British  
Somaliland; Hargeisa [=n  
SOM: Woqooyi Galbeed Reg.];  
Mudugh, 5 km nw of Marcegur  
[=Mudug Reg.]; Ethiopie  
(Ogaden). Galadi; 3 mls n of  
Shahade“ [=se ETI: Somali  
Reg.]

cw TAN: Tabora [Reg.];  
Arusha, Dodoma, Iringa, Mara,  
Mbeya, Morogoro, Mwanza,  
Rukwa, Ruvuma, Singida  
Tanga Regions; s KEN: Rift  
Valley Prov.

“Deutsch Ost-Arika (Mpuapua,  
Ugogo)“ [=c TAN: Dodoma  
Reg.]

“Kilimatinde (Deutsch  
Ostafrika)“ [=c TAN: Singida  
Reg.]

“Ugogo [=c TAN: Dodoma  
Reg.]; Uhehe-Iringa [=Iringa

=*massaica* Kuntzen, 1913b *Polyhirma*

=*ukerewensis* Kuntzen, 1913b *Polyhirma*

=*usagarensis* Kuntzen, 1913b *Polyhirma*

=*punctata* Bénard, 1921c

=*glauningi* Strohmeier, 1928

=*guruana* Strohmeier, 1928

=*holtzi* Strohmeier, 1928

=*neumanniana* Strohmeier, 1928

=*saramica* Strohmeier, 1928

=*zencke* Strohmeier, 1928

ssp. *boucardi* (Chaudoir, 1883) *Polyhirma*

Reg.]; Ubena-Langenburg,  
nördlich vom Nyassasee  
[=Mbeya Reg.]; Mpapwa“  
[=Dodoma Reg.: Mpwapa]  
“Massaigebiet: Käsebog;  
Werther“ [c, n TAN: Arusha,  
Dodoma, Morogoro Regions]  
“Insel Ukerewe des  
Viktoriasees“ [nw TAN: Mara  
Reg.]  
“Usagara“ [=n TAN: Mwanza  
Reg.]  
“Afrique Orientale (Lemek  
Valley, Nyanza Province et  
Amala River, Sotik)“ [=sw  
KEN: Nyanza, Rift Valley  
Provinces]  
“D.-O.-Afr., Ngorongoro-  
Ejassisee“ [=ne TAN: Arusha  
Reg.]  
“D.-O.-Afr., westlich und südl.  
v. Gurui-Vulkan [=c TAN:  
Morogoro Reg.]; Iramba-  
Issansu, Mkalane“ [=Singida  
Reg.]  
“Mtukulla“ [=s TAN: Ruvuma  
Reg.]  
“Ost-Victoria-See, Ngoroine-  
Mukenge“ [=n TAN: Arusha,  
Mara Regions]  
“Daressalam“ [=e TAN: Dar Es  
Saalam Reg.]  
“D.-O.-Afr., Bez.  
Bismarckburg“ [=sw TAN:  
Rukwa Reg.: Kasanga District]  
“Transvaal“ [=ne RSA:  
Mpumalanga, Limpopo, North  
West Provinces]; MOS: Gaza,  
Inhambane, Manica, Maputo,  
Sofala, Tete Provinces; ne  
NAB: Caprivi Reg.; e TAN:  
Lindi, Mbeya, Mtwara  
Regions; ZAM, ZIM

=*septemcostata* Dohrn, 1883 *Anthia*  
 =*littoralis* Kuntzen, 1913b *Polyhirma*  
 =*clathratipennis* Bénard, 1923 *Polyhirma*  
 =*ledouxi* Strohmeier, 1928  
 =*rhodesiana* Strohmeier, 1928  
 =*seineriana* Strohmeier, 1928  
 =*teteana* Strohmeier, 1928  
 =*tiesleri* Strohmeier, 1928  
 ssp. *bozasi* (Sternberg, 1907a) *Polyhirma*  
 =*neumanni* Sternberg, 1908 *Polyhirma*  
 =*mirei* Basilewsky, 1963  
 ssp. *livingstoniana* Basilewsky, 1983  
**9** *griseostriata* (Fairmaire, 1884) *Polyhirma*  
**10** *grisescens* (Fairmaire, 1884) *Polyhirma*  
 =*serifoveata* Fairmaire, 1887 *Polyhirma*  
**11** *oberthueri* (Sternberg, 1907b) *Polyhirma*  
 ssp. *oberthueri* s. str.

“Holub’schen Ausbeute:  
Zambese“ [=MOS, ZAM, ZIM]  
 “Chifumbasi (Mozambique)“  
 [=nw MOS: Tete Prov.]  
 “Lindi“ [Reg. =se TAN]  
 “Süd-Afrika, Geluque Hills“ [=RSA]  
 “Südwest-Rhodesia“ [=sw ZIM]  
 “Südafrika, Livingstone  
 [=s ZAM: Southern Prov.: Maramba]; Ost-Sambesigebiet  
 [=se ZAM]; Sumpfg. von Maschi, Sambala-Ranga“ [=ne NAB: Caprivi Reg.]  
 “Port. O.-Afrika, Tete“ [=w MOS: Tete Prov.]  
 “Port. Ost-Afrika, Chifumbasi“  
 [=w MOS: Tete Prov.]  
 “Pays Tourkouana, á l’ouest du lac Rodolphe, dans l’Afrique orientale anglaise“ [=nw KEN: n Rift Valley Prov.: w of Turkana Lake]; s ETI: Southern Nations, Nationalities and People’s Reg.  
 “Djala, Uba“ [=s ETI: Southern Nations, Nationalities and People’s Reg.]  
 “Mare d’Ortobi“ [=SSD] s ZAM: 24 miles n of Livingstone [=Southern Prov.: Maramba]  
 e **AF**: “Makdischu“ [=se SOM: Banaadir Reg.]; Shabeellaha Hoose Reg.  
 e **AF**: “Makdischu“ [=se SOM: Banaadir Reg.]; Mudugh Reg.  
 “Sômalis“ [=SOM]  
 s **AF**: BOW, RSA, ZIM  
 “Motoppo Hills (Rhodesia)“  
 [=s ZIM: Bulawayo Prov.: Matobo Hills]; ne RSA: Limpopo Prov.

ssp. *seruana* Strohmeier, 1928  
**12** *prolixa* (Fairmaire, 1891b) *Polyhirma*  
 ssp. *prolixa* s. str.  
 ssp. *somalica* (Gestro, 1892) *Polyhirma*  
**13** *trilineata* Strohmeier, 1928  
 graphipteroides group (Häckel sn. Basilewsky in Kleinfeld & Puchner 2012)  
**14** *cardiodera* (Fairmaire, 1887) *Polyhirma*  
**15** *chanleri* (Linell, 1896) *Polyhirma*  
 =*tetracha* Bénard, 1926 *Polyhirma*  
 =*chauleri* Csiki, 1929 in error  
**16** *divisa* (Boheman, 1860) *Polyhirma*  
 =*circumcincta* Chaudoir, 1861 *Polyhirma*

“Süd-Afr., Ost-Bechuanaland; Sogosse; Serue“ [=e BOW: Central Distr.]; c RSA: Eastern Cape, Free State, North West Provinces; ZIM  
 e **AF**: e ETI, SOM, e KEN  
 “l’Afrique orientale vers premier degré de latitude nord“  
 [=e KEN: North Eastern Prov.; s SOM: Shabeellaha Hoose Reg.]; Jubbada Dhexe, Jubbada Hoose Regions  
 “Uorandi; Uebi“ [=e ETI: Somali Reg.: Uebi Scebeli =(Wabi) Shebelle River]; c SOM: Mudug, Nugaal Regions  
 sw **AF**: ec **ANG**: Bailundo [=Huambo Prov].  
 e **AF**: “Makdischu“ [=se SOM: Banaadir Reg.]  
 e **AF**: “Tana River“ [=c, e KEN: Coast, Eastern Provinces]; se ETI: Somali Reg.; sw SOM: Gedo, Jubbada Dhexe, Jubbada Hoose Regions; ne TAN: Pwani Reg.  
 “bassin du fleuve Juba; Ikuta, Afrique orientale“ [=sw SOM: Gedo, Jubbada Dhexe, Jubbada Hoose Regions]  
 s, sw **AF**: “prope lacum N’gami“ [=nw BOW: Ngami Lake env.]; s **ANG**: Cuando-Cubango Prov.; n NAB: Caprivi, Ohangwena, Okavango, Omusati, Oshana, Oshikoto, Regions; s ZAM, ZIM  
 “lac N’gami“ [=nw BOW: Ngami Lake]

=*amboensis* Péringuey, 1896 *Polyhirma*

=*circumscripta* Rousseau, 1906 *Polyhirma* in error  
=*elegans* Bénard, 1922c *Polyhirma*

**17 *graphipteroides*** (Guérin-Ménéville, 1845)

ssp. *graphipteroides* s. str.

=*suturata* Perroud, 1846 *Anthia*

ssp. *alternata* (Raffray, 1885) *Polyhirma*

ssp. *bembana* Strohmeier, 1928

ssp. *bilunata* (Boheman, 1860) *Polyhirma*

=*tiesleriana* Strohmeier, 1928

=*tschifumbasica* Strohmeier, 1928

ssp. *hehana* Strohmeier, 1928

type locality not stated,  
[“Amboland“ sn. Péringuey  
1926 (=n NAB: NAB:  
Ohangwena, Omusati, Oshana,  
Oshikoto Regions)]

“Angola: (Luiana, Maniomba,  
Luankunda)“ [=se ANG:  
Cuango-Cubango Prov.]  
e, s, se **AF**: ANG, BOW, DOC,  
ERI, ETI, KEN, MAW, MOS,  
NAB, RSA, SSD, SWA, ZAM,  
ZIM

“reg. Massilicatzi“ [=se MOS:  
Gaza, Maputo Provinces];  
BOW, RSA: Eastern Cape,  
Gauteng, KwaZulu-Natal,  
Limpopo, Mpumalanga  
Provinces; SWA, ZAM, ZIM  
“l'intérieur de Natal“ [=se  
RSA: KwaZulu-Natal Prov.]

“plateaux inférieurs des  
Bogos“ [=n ETI: Tigray Reg.];  
ERI, e KEN: Coast, Eastern  
Provinces; SSD

“Zentralafr., Ubemba“ [=se  
DOC: n Katanga Prov.:  
Ubembe]; BOW, ZAM  
“juxta lacum N'gami“ [=nw  
BOW: Ngami Lake env.];  
MAW, w MOS: Sofala, Tete,  
Zambezia Provinces; ZAM,  
ZIM

“Port. Ostaf., mittl. Sambesi“  
[=w MOS: Sofala, Tete  
Provinces]

“Port. Ostafrika, Chifumbasi“  
[=nw MOS: Tete Prov.]

“D.-O.-Afr., Kidugalla; Fuß  
des Mageberges; Uhehe-  
Iringa; Tosamagonga; Iringa;  
Mitteluhehe“; 1500-1700m  
[=wc TAN: Iringa Reg.]

ssp. *intrusa* Basilewsky, 1980

ssp. *kigonserana* Strohmeier, 1928

ssp. *longefasciata* Basilewsky, 1980

ssp. *lukuledicola* Strohmeier, 1928

ssp. *methneri* Strohmeier, 1928

ssp. *monardi* Burgeon, 1935b

ssp. *nyika* Strohmeier, 1928

ssp. *oskari* Strohmeier, 1928

ssp. *rukwana* Strohmeier, 1928

ssp. *udschungwana* Strohmeier, 1928

c **TAN**: Kilossa [=Morogoro  
Reg.]; Tabora [Reg.]; Dodoma  
[Reg.]; Mamboia [=Ruvuma  
Reg.; nw MOS: Niassa Prov.]  
“Kigonsera“ [=s TAN: Ruvuma  
Reg.]

c **MOS**: “Gorongozo; Prov. de  
Gorongozo, Tendos du Songué  
et riv. Vunduzi; Inhacoro, env.  
de Chemba; Nova Choupanga,  
près de Chemba [=Sofala  
Prov.]; Chimoio; Vila Pery;  
Revoué, Zemba; Buzi, sur le  
Revoué“ [=Manica Prov.]

“D.-O.-Afr., Massassi; Lindi-  
Massassi; Namupa [=s TAN:  
Lindi Reg.]; Lukuledi; Ndanda  
[=Mtwara Reg.]; Wandonde-  
Gebiet, am Rovuma [=Ruvuma  
Reg.]; MAW, nw MOS: Niassa  
Prov.

“Trockenwald bei Mtotohovu;  
Unterer Umba“ [=ne TAN:  
Tanga Reg.]; se KEN: Coast  
Prov.

Osi [=w ANG: ]; Caluquembe,  
Cassinga, Mucoti, Sanguève,  
Cubango Provinces

“Nordnjassasee, Unyika“ [=sw  
TAN: s Mbeya Reg.]; se DOC:  
Katanga Prov.

“Ostvictoriasee, Ngoroine-  
Mukenge“ [=n TAN: Arusha,  
Mara Regions]; s KEN: Rift  
Valley Prov.; UGA

“Südost-Tanganjikasee,  
Rukwa-See-Steppe“ [=sw  
TAN: Rukwa Reg.]

“D.-O.-Afr., Iringa-Mgololo;  
Udzungwa-Gebirge“; 1450m;  
[=c, e TAN: Iringa, Morogoro  
Regions]; Dar Es Saalam,  
Lindi, Pwani, Tanga Regions

- =*fischeri* Strohmeier, 1928
- =*stuhmanni* Strohmeier, 1928
- ssp. *ufiomi* Strohmeier, 1928
- 18** *grimaudi* (Bénard, 1922a) *Polyhirma*
- 19** *kavanaughi* Basilewsky, 1983
- 20** *leucospilota* (Bertoloni, 1849a) *Thermophila*  
ssp. *leucospilota* s. str.
- ssp. *semilaevis* (Chaudoir, 1861) *Polyhirma*
- 21** *perspicillaris* (Chaudoir, 1878) *Polyhirma*  
ssp. *perspicillaris* s. str.
- ssp. *luluensis* Burgeon, 1935a
- “Daressalam Hinterland,  
Puguberge und Kisserewe;  
Mittel-Rufidji [=ne TAN: Dar  
Es Saalam, Pwani Regions];  
Daressalem, Pangani and  
Hinterland; Tanga [=Tanga  
Reg.]; Kilwa [=Lindi Reg.];  
Morogoro; Uluguru [=c, e  
TAN: Morogoro Reg.]  
“Vitsonha?; D.-O.-Afr.;  
Daressalam“ [=ne TAN: Dar  
Es Saalam, Pwani Regions]  
“D.-O.-Afr., Ufiomi“ [=nc  
TAN: n Dodoma, s Manyara  
Regions: Tarangire National  
Park]  
s **AF**: “Haut Bassin de  
Zambèze: Loeninga“  
[=w ZAM: Western Prov.:  
Luanguinga]; e ANG: Moxico  
Prov.  
sw **AF**: c, s ANG: “Cuche,  
within 100 km radius (North)“  
[=Cuando-Cubango Prov: n of  
Cuchi]; Huambo Prov.  
se **AF**: s MOS, e RSA  
“Inhambanensis“ [=se MOS:  
Inhambane Prov.]; Gaza Prov.  
“baie de Delagoa“ [=s MOS:  
Maputo Prov.: Baía de  
Maputo]; se RSA: KwaZulu-  
Natal Prov.  
e, s **AF**: BUR, DOC, KEN,  
TAN, UGA, ZAM  
“montagnes du Schimba“ [=e  
TAN: Pwani Reg.: Shimba  
Hills]; Arusha, Dar Es Saalam,  
Tanga, Zanzibar Isl. Regions;  
KEN: Coast, Eastern Provinces  
“Congo belge: Kafakumba;  
Kapanga; Sandoa; Kayoyo“  
[=se DOC: Katanga Prov.]

- ssp. *neavei* Burgeon, 1929
- ssp. *pluricostata* (Fairmaire, 1882a) *Polyhirma*
- =*kilimatindica* Strohmeier, 1928
- =*niggmanniana* Strohmeier, 1928
- =*uhligiana* Strohmeier, 1928
- 22** *semibrunnea* Strohmeier, 1928
- 23** *somereni* (Bénard, 1930) *Polyhirma*  
=*linelli* Strohmeier, 1928
- 24** *tetrastigma* (Chaudoir, 1848) *Anthia*  
ssp. *tetrastigma* s. str.
- “Rhodésie du Nord, Muneka;  
Kapema à Kipaila [=Njoni  
Kapema]; Katumba; Mbiliwa  
à Wantu [=c ZAM: Northern  
Prov.]; Katanga [Prov. =se  
DOC]; Kambove; Mufungwa-  
Ambwe; Kundelungu;  
Elisabethville et Kapiri;  
Kiambi; Lomami  
“Zanguebar“ [=BUR, wc  
TAN]: Iringa, Mbeya,  
Morogoro, Rukwa, Singida,  
Tabora Regions  
“Kilimatinde [=c TAN:  
Singida Reg.]; Nguruberge“  
[=Morogoro Reg.]  
“D.-O.-Afr., Uhehe Udzungwa-  
Dabaga; Uhehe Iringa und  
Umgeb.; Tosamagonga [=c, sw  
TAN: Iringa Reg.]; Madibira“  
[=Mbeya Reg.]  
“D.-O.-Afr., Massai Ngotiek“  
[=c, ne TAN: Arusha Reg.]  
e **AF**: “D.-O.-Afr., Mikindani;  
Lindi; Makonde-Hochland;  
Ntschitschira und Nanjamba;  
Namupa; Donde; Barikiwa;  
Mittelrowuma“ [=se TAN:  
Lindi, Mtwara, Ruvuma  
Regions]; n MOS: Cabo  
Delgado Prov.  
e **AF**: “Afrique orientale  
anglaise: Kiu“ [=c KEN: Rift  
Valley Prov.]; Eastern Prov.;  
ETI: Oromiya Reg.; ne TAN:  
Arusha Reg.; UGA  
“Brit.-Betschuanaland“  
probably error  
e **AF**: DJI, ERI, ETI, KEN,  
SOM, TAN, TCH, NIG, UGA  
“côtes orientales de l’Afrique“  
[=e KEN: Coast, Eastern, North  
Eastern Provinces; ne TAN:

=*gallinieri* Reiche, 1847 *Anthia*  
 =*dimidiata* Roth, 1851 *Anthia*  
 =*quadriplagiata* Gerstaecker, 1867 *Polyhirma*  
 =*wituana* Strohmeier, 1928  
 ssp. *conjuncta* Mateu, 1966  
 ssp. *subfasciata* Müller, 1938  
**25** *trilunata* (Gestaecker, 1884) *Polyhirma*  
 ssp. *trilunata* s. str.  
 =*fossicola* Strohmeier, 1928  
 =*jaegeri* Strohmeier, 1928  
 =*sagarica* Strohmeier, 1928  
 =*vagans* Strohmeier, 1928

Kilimanjaro Reg.]; n ETI:  
 Dire Dawa, Harari, Oromiya,  
 Somali, Southern Nations,  
 Nationalities and People's,  
 Tigray Regions  
 "province du Tigré" [=n ETI:  
 Tigray Reg.]  
 "Tigré in N. Abyssinien" [=n  
 ETI: Tigray Reg.]  
 "ad lacum Jipe" [=ne TAN:  
 Kilimanjaro Reg.]  
 "Witu-Tanafluß; Witu-  
 Pocomonie" [=e KEN: Coast  
 Prov.]  
 e, ne TCH: Ennedi Reg.: "la  
 mare de Ullmann; Mare de  
 Damas; Mare de Bodoué;  
 Mare d'Oromé; Ouadai, Iriba  
 [Ouaddai Reg.]; se NIG: rég.  
 de Maine Soroa" [Diffa Reg.]  
 "Giumbo alla face del Giuba,  
 Somalia Italiana" [=s SOM:  
 Jubbada Hoose Reg.]; Banaadir  
 Reg.  
 e AF: BUR, s KEN, ne TAN  
 "Kilimandjaro" [=ne TAN:  
 Kilimanjaro Reg.]; Arusha,  
 Dodoma, Iringa, Manyara,  
 Mbeya Regions; s KEN:  
 Eastern, Rift Valley Provinces  
 "D.-O.-Afr., Hohenlohegraben"  
 [=ne TAN: Manyara Reg.:  
 Yaida Swamp]  
 "D.-O.-Afr., Iraku-Ejassisee"  
 [=ne TAN: Arusha Reg.: Eyasi  
 Lake]  
 "O-Asagara" [=ne TAN:  
 Dodoma Reg.: Sagara]  
 "D.-O.-Afr., Massai-Ngaruka  
 [=Engaruka]; Ngotiek;  
 Massaisteppe; Kitumbeni-  
 Vulkan; 1500m [=Kitumbeine  
 Mt. =ne TAN: Arusha Reg.];

=*wahehophila* Strohmeier, 1928  
 ssp. *amala* Basilewsky, 1980  
 ssp. *smiliophora* (Fairmaire, 1887) *Polyhirma*  
 =*eggeliana* Strohmeier, 1928  
 =*insulana* Strohmeier, 1928  
 =*mangatiana* Strohmeier, 1928  
 =*pontina* Strohmeier, 1928  
 =*trefurthiana* Strohmeier, 1928  
 intermedia group (Häckel sn. Basilewsky in Kleinfeld & Puchner 2012)  
**26** *bottegoi* Müller, 1938  
 =*piaggiae* Gestro, 1881 *Polyhirma* (partim)  
 sn. Müller, 1938

Brit. O.-Afr., Eldama River  
 Station [=s KEN: Rift Valley  
 Prov.]; Escarpment; 6500-  
 9000ft  
 "D.-O.-Afr., Uhehe-Iringa  
 [=c, sw TAN: Iringa Reg.];  
 Madibira; Uhehe-Ubena; Tosa"  
 [=Iringa, Mbeya Regions]  
 sw KEN: "Amala River, Sotik;  
 Guaso Nyiro (sud) Sotik;  
 Lomek Valley, Nyanza Prov.;  
 Narossera River, Loita Plains  
 [=s Rift Valley Prov.]; n. w.  
 Tanzanie, Utegi" [=n TAN:  
 Mara Reg.]  
 w TAN: Tabora [Reg.]; Kagera,  
 Manyara, Mara, Rukwa  
 Regions; BUR  
 "Viktoria-Njansa, Bukoba"  
 [=nw TAN: Kagera Reg.]  
 "Viktoria-Njansa, Insel  
 Ukerewe" [=n TAN: Mara  
 Reg.]  
 "Mangati, norwestl. von  
 Irangi" [=n TAN: Manyara  
 Reg.]  
 "Tanganjika, Karema" [=sw  
 TAN: Rukwa Reg.]  
 "D.-O.-Afr." [=TAN]

e AF: "Somalia anglica:  
 Lafarugh-Aberi [=se ETI:  
 Somali Reg.]; Abyssinia:  
 Arussi-Galla; Kaka; Scioa" [=s  
 ETI: Oromiya Reg.]; Tigray  
 Reg.; DJI, n SOM: Togdheer,  
 Woqooyi Galbeed Regions  
 "Scoperta a Tull-Harré, fra i  
 Somali Isa, a Kakak de nelle  
 vicinanze del lago di Caraba"  
 [=n SOM: Togdheer Reg.: Ali  
 Isa]

27 *cinereocincta* (Fairmaire, 1887) *Polyhirma*  
ssp. *cinereocincta* s. str.

=*subparallela* Fairmaire, 1887 *Polyhirma*

=*denekana* Strohmeier, 1928

ssp. *alluaudi* Sternberg, 1907b

ssp. *jubae* Basilewsky, 1980

ssp. *rothschildi* (Sternberg, 1907c) *Polyhirma*

28 *dartevellei* Basilewsky, 1967

29 *hamifera* (Harold, 1881) *Polyhirma*

ssp. *hamifera* s. str.

=*karoliana* Sternberg, 1907c

e AF: e ETI, KEN, s SOM  
“Ouébi“ [=e ETI: Somali Reg.:  
Uebi Scebeli =(Wabi) Shebelle  
River]; se SOM: Shabeellaha  
Dhexe; Shabellaha Hoose  
Regions

“Ouébi“ [=e ETI: Somali Reg.:  
Uebi Scebeli =(Wabi) Shebelle  
River]

“Denek“ [=se ETI: Somali  
Reg.; se SOM: Shabeellaha  
Dhexe Reg.]

“Tavéta (sö. von Kilima-Njaro,  
Brit. O. Afr.)“ [=ne KEN: Coast  
Prov.]; ne TAN: Kilimanjaro  
Reg.

“Somalie (Basso et Altro  
Giubba). Barbera“ [=n SOM:  
Woqooyi Galbeed Reg.];  
Alessandra [=Jubbada Dhexe  
Reg.]; Gedo, Jubbada Hoose  
Regions; KEN: Jubaland; Lugh  
Bogol“ [=North-Eastern Prov.]

“Afrique orientale anglaise,  
au sud du lac Rodolphe“ [=nw  
KEN: nc Rift Valley Prov.:  
s of Turkana Lake]; s ETI:  
Oromiya, Southern Nations,  
Nationalities, and People’s  
Regions

sw AF: sw ANG: “Senhora del  
Monte Sâ de Bandeira“ [=Huila  
Prov.]

e AF: s ETI, w KEN, nw TAN,  
s SOM  
w KEN: Taita District [=Rift  
Valley Prov.]; Ukamba [=nw  
TAN: Shinyanga Reg.]; e KEN:  
Coast, Eastern Provinces; ne  
TAN: Arusha, Kilimanjaro  
Regions

“mont Karoli, pays de Rendilé  
(Afrique orientale anglaise)“  
[=c KEN: Rift Valley Prov.]

=*schroederi* Strohmeier, 1928

=*wituensis* Strohmeier, 1928

ssp. *djubana* Strohmeier, 1928

ssp. *saganicola* Strohmeier, 1928

ssp. *sambara* Strohmeier, 1928

ssp. *semidorsata* (Fairmaire, 1893) *Polyhirma*

30 *intermedia* (Boheman, 1848) *Anthia*

=*ferreti* Reiche, 1847

=*leucomelana* Roth, 1851

=*dauana* Strohmeier, 1928

31 *interrupta* (Fairmaire, 1887) *Polyhirma*

=*grisescens* Fairmaire, 1887

=*fallaciosa* Müller, 1938

“Kihuiro; Kwakijembe“ [=ne  
TAN: Kilimanjaro Reg.]

“Witu-Kipini; Station  
Congwanamanashoh bei  
Kipini“ [=e KEN: Coast Prov.]  
“westl. des Ganale Djuba“ [=s  
ETI: Somali Reg., s SOM:  
Gedo Reg.]

“Nordost-Afrika, Nordgalla  
Saganfluß bei Dembole“  
[=s ETI: Southern Nations,  
Nationalities and People’s  
Reg.]

“D.-O.-Afr., Forhani-Ukami  
[=c TAN: Iringa Reg.];  
Pangani; Tanga [Reg.];  
Daressalem“ [=Dar Es Saalam  
Reg.]

“Sômalis“ [=s ETI: Oromiya,  
Somali Regions; s SOM:  
Jubbada Hoose Reg.]

ne AF: “Sennaar ad Bahr el  
Abiad“ [=se SUD: Sennar];  
ERI, e ETI: Afar, Dire Dawa,  
Harari, Oromiya, Somali,  
Tigray Regions; e TAN:  
Morogoro Reg.

“province de Tigré“ [=n ETI:  
Tigray Reg.]

“Tigré in N. Abyssinien“ [=n  
ETI: Tigray Reg.]

“Südgalla, bei Dolo am  
Endfluß des Daua in den  
Ganale“

[=s ETI: Somali Reg., s SOM:  
Gedo Reg.]

e AF: “Sômalis-Sud“ [=s  
SOM]; Banaadir, Jubbada  
Hoose, Shabeellaha Dhexe  
Regions

“Makdischu“ [=se SOM:  
Banaadir Reg.: Mogadishu]

“Somalia italica, apud vicum  
Duca degli Abruzzi, prope

**32 intricata** (Dohrn, 1882) *Anthia*

ssp. *intricata* s. str.

=*neonympha* Dohrn, 1882

=*suturalis* Kolbe, 1898

=*bergeri* Strohmeyer, 1928

ssp. *gaza* (Péringuey, 1896) *Polyhirma*

=*marqueza* Péringuey, 1896 *Polyhirma*

=*forstmanni* Strohmeyer, 1928

=*sambesica* Strohmeyer, 1928

**33 obtusata** (Fairmaire, 1887) *Polyhirma*

**34 posticalis** (Fairmaire, 1887) *Polyhirma*

ssp. *posticalis* s. str.

ssp. *virgulifer* (Sternberg, 1907a) *Polyhirma*

**35 schenklingi** (Sternberg, 1907b) *Polyhirma*

=*amaculata* Strohmeyer, 1928

Mogadiscio [=se SOM:  
Shabeellaha Dhexe Reg.];  
prope Margherita ad flumen  
Juba“ [=Jubbada Hoose Reg.]  
e, se **AF**: MAW, MOS, TAN,  
ZAM

“Montes Nguru, Sansibar“  
[=c TAN: Morogoro, Zanzibar  
Isl. Regions]; Dar Es Saalam,  
Singida, Tabora Regions  
“Montes Nguru, Sansibar“ [=c  
TAN: Morogoro, Zanzibar Isl.  
Regions]

“Daressaalam“ [=e TAN: Dar  
Es Saalam Reg.]

“Kilimatinde“ [=c TAN:  
Singida Reg.]

type locality not given  
[=s MOS: Gaza Prov. sn.  
Basilewsky 1980]; Sofala, Tete  
Provinces; MAW, ZAM

“Mozambique (Gazaland)“ [=s  
MOS: Gaza Prov.]

“Brit. Njassaland, zu Zomba u.  
Blantyre“ [=s MAW: Southern  
Reg.]

“Port. Ostafr., mittl. Sambesi“  
[=w MOS: Sofala, Tete  
Provinces]

e **AF**: “Somâlis“ [=e ETI,  
SOM]; e ETI: Somali Reg.; c  
SOM: Bari Reg.

e **AF**: SOM  
“Sômalis“ [=c, s SOM]:  
Banaadir, Jubbada Hoose  
Regions

“Pays des Somalis: Ferrad“  
[=n SOM]; Mudugh, Nugaal  
Regions

e **AF**: “Tabora [Reg.] (D. O.  
Afrika)“ [=wc TAN]; MAW  
“Njassa [=s TAN: Ruvuma  
Reg.]; Kilwa; Donde;

**36 spathulata** (Gestaecker, 1867) *Polyhirma*

=*indecornata* Sterneberg 1907b *Polyhirma*

**37 suturella** (Chaudoir, 1866) *Polyhirma*

macilentia group (Häckel sn. Basilewsky in Kleinfeld & Puchner 2012)

**38 chaudiiri** (Péringuey, 1892b) *Polyhirma*

=*ellenbergeri* Bénard, 1925b *Polyhirma*

**39 edax** (Péringuey, 1892) *Polyhirma*

**40 elegantula** (Fairmaire, 1887) *Polyhirma*

ssp. *elegantula* s. str.

=*dysmoeca* Strohmeyer, 1928

=*iringana* Strohmeyer, 1928

=*obsti* Strohmeyer, 1928

Dondegebiet; Barikiwa“

[=Lindi Reg.]

e **AF**: “Aruscha“ [=n TAN:  
Arusha Reg.]; Dar Es Saalam,  
Iringa, Kilimanjaro, Lindi,  
Mtwara Regions; e KEN: Coast  
Prov.

“Deutsch Ost-Afrika“ [=TAN]  
se **AF**: “Des bords du  
Zambèze“ [=MOS: Zambézia  
Prov.]; se KEN: Coast Prov.;  
MAW, TAN: Dodoma Reg.

s **AF**: “Transvaal (Rustenburg)“  
[=n RSA: North West Prov.];  
BOW, ZAM, ZIM

“Bechuanaland, Gaberones“  
[=se BOW: South-East Prov.:  
Gaborone]

sw **AF**: “Amboland“ [=n NAB:  
Ohangwena, Omusati, Oshana,  
Oshikoto Regions]; sw ANG:  
Huila Prov.

e **AF**: e DOC, TAN  
“Kipalapala, près du Lac  
Tanganyika“ [=wc TAN:  
Tabora Reg.]; Arusha, Dar  
Es Saalam, Dodoma, Iringa,  
Kagera, Mbeya Regions; e  
DOC: Nord Kivu Prov.

“Victoria-See, Bukoba“ [=n  
TAN: Kagera Reg.]

“D.-O.-Afr., Ubena-  
Langenburg; Madibira  
[=Mbeya Reg.]; Daressalam  
[=Dar Es Saalam Reg.];  
Udzungwa-Dabaga; Uhehe,  
Iringa u. Umgb.; Iringa,  
Mogololo; Uhehe, Tosa;  
Mpangwe; Mittel Uhehe  
[=Iringa Reg.]

“Landschaft Irangi, Jkome“ [=e  
DOC: Nord Kivu Prov.]



ssp. *conradsi* (Sternberg, 1907b) *Polyhirma* “Insel Ukerewe (im sö. Victoria-Nyanza)“ [=nw TAN: Mwanza Reg.]

ssp. *heoea* Strohmeier, 1928 “D.-O.-Afr., Nordwest-Massai, Sossian Ngoroine“ [=ne TAN: Arusha Reg.]

ssp. *lukugana* Basilewsky, 1980 “Zaire. Tanganyka-Moëro, Nyunzu; bassin de la Lukuga“ [=se DOC: Katanga Prov.]

ssp. *moschiensis* Strohmeier, 1928 “Moschi“ [=ne TAN: Kilimanjaro Reg.]

**41** *fritschi* (Chaudoir, 1883) *Polyhirma* sw AF: “Kuruman dans l’Afrique australe“ [=n RSA: Northern Cape Prov.]; BOW, e NAB: Omaheke Reg.; ZAM, ZIM

**42** *gracilis* (Dejean, 1831) *Anthia* se, sw AF: BOW, LES, MOS, NAB, RSA, ZAM, ZIM

ssp. *gracilis* s. str. “Cap de Bonne-Espérance“ [=s RSA]: Eastern Cape, Gauteng, Free State, KwaZulu-Natal, Limpopo, Mpumalanga, Northern Cape, North West Provinces; s ANG: Cunene, Huila Provinces; BOW; LES, NAB: Erongo, Ohangwena, Omusati, Oshana, Oshikoto, Otjozondjupa Regions

=*clathrata* Klug, 1885 *Anthia* “Cap de Bonne-Espérance“ [=s RSA]

=*fossulata* Perroud, 1846 *Anthia* “l’intérieur de Natal“ [=se RSA: KwaZulu-Natal Prov.]

=*simbalyana* Strohmeier, 1928 “Mashonaland, Simbalye“ [=n ZIM: Harare, Mashonaland East Provinces

ssp. *laurentina* Strohmeier, 1928 “Delagoabai; Rikatla; Laurencio Marques“ [=s MOS: Maputo City and Province]; ZIM

ssp. *scrobiculata* (Bertoloni, 1847) *Anthia* “in provincia Inhambanensi Mozambici“ [MOS: Inhambane Prov.]; Gaza, Maputo, Zambézia Provinces; ne RSA: Limpopo Prov.; BOW, ZIM

=*gallemaerti* Rousseau, 1905 *Atractonota*

ssp. *seineri* Strohmeier, 1928 “Tschinde“ [=e MOS: Zambézia Prov.: Chinde Distr.]

=*damara* Strohmeier, 1928 “O. Betschuanaland, Sogosse; Mague“ [=e BOW: Central Distr.]; Rhodesia, Matoppo Hills“ [=s ZIM: Bulawayo Prov.: Matobo Hills]; NAB: Caprivi, Kavango, Otjozondjupa Regions; ne RSA: Limpopo, North West Provinces; ZAM

ssp. *zuluana* Basilewsky, 1948 “D.-Süd.-Afr., Okahandja“ [=e NAB: Otjozondjupa Reg.]

**43** *macilentia* (Olivier, 1795) *Carabus* “Zululand“ [=se RSA: KwaZulu-Natal Prov.]

s AF: “Cap de Bonne-Espérance“ [=s RSA]: Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, Northern Cape, North West, Western Cape Provinces; BOW, LES, s MOS: Maputo Prov.; NAB: Khomas Reg.; ZIM

=*foveata* Perroud, 1846 *Anthia* “l’intérieur de Natal“ [=se RSA: KwaZulu-Natal Prov.]; LES, ZIM

=*exarata* Boheman, 1848 *Anthia* “Caffraria“ [=RSA, ZIM]

=*dregei* Guérin-Méneville, 1849 *Anthia* “Natal“ [=se RSA: KwaZulu-Natal Prov.]

=*bennettii* Marshall, 1902 *Polyhrima* “Somerset West, Cape Colony“ [=s RSA: Western Cape Prov.]

**44** *notata* (Perroud, 1846) *Anthia* s AF: “l’intérieur de Natal“ [=se RSA: KwaZulu-Natal Prov.]; Free State, Gauteng, Limpopo, Mpumalanga, Northern Cape, North West Provinces; s MOS: Maputo Prov.; SWA, ZIM

=*amabilis* Boheman, 1848 *Anthia* “Montes Makkalienses“ [=c RSA: Gauteng Prov.]

=*spuria* Boheman, 1848 *Anthia* “Boschjesmans Rand in Caffraria orientali“ [=sc RSA: Northern Cape Prov.]

=*tembena* Péringuey, 1896 *Polyhirma*

45 *opulenta* (Boheman, 1860) *Polyhirma*

=*scutellaris* Chaudoir, 1861b *Polyhirma*

46 *rutata* (Péringuey, 1892b) *Polyhirma*

47 *sambesina* (Péringuey, 1908) *Polyhirma*

48 *semisuturata* (Chaudoir, 1866) *Polyhirma*

ssp. *semisuturata* s. str.

=*neutra* Dohrn, 1883 *Anthia*

ssp. *commista* (Péringuey, 1904) *Polyhirma*

=*damarina* Basilewsky, 1959a

ssp. *gambosana* Strohmeier, 1928

ssp. *vassei* (Sternberg, 1907a) *Polyhirma*

49 *tenuicollis* (Chaudoir, 1878)

“Mozambique (Tembe)“ [=s MOS: Maputo Prov.]  
s, sw **AF**: “juxta fluvii Svakop“ [=c NAB: Erongo Reg.: Swakop River]; Hardap, Khomas, Kunene, Omaheke, Otjozondjupa Regions; ANG: Huambo Prov.; BOW; s MOS: Maputo Prov.; RSA: Eastern Cape, KwaZulu-Natal, North West Provinces; ZIM  
“lac N’gami“ [=nw BOW: Ngami Lake]  
s **AF**: “Zambeze; ?Transvaal“ [=ZAM, ZIM; e RSA]: KwaZulu-Natal, Limpopo Provinces; BOW, MAW, s MOS: Gaza, Maputo Provinces  
se **AF**: “Zambezi River (Feira)“ [=s ZAM: e Lusaka Prov.: Luangwa]  
se, sw **AF**: MOS, NAB, ZAM, ZIM  
“Zambèze“ [=w MOS]; Gaza, Manica, Maputo, Zambèzia Provinces; ZAM, ZIM  
“Holub’schen Ausbeute: Zambese“ [=ZAM, ZIM]  
“North-West Damaraland“ [=n NAB: Kunene Reg.]; Ovampoland [=Ohangwena, Omusati, Oshana, Oshikoto, Regions]; Southern Rhodesia“ [=ZIM]; n NAB: Erongo, Otjozondjupa Regions; ZAM  
“South West Africa: Damara“ [=n NAB: Kunene Reg.]  
sw **ANG**: Gambos [=Huila Prov.]  
e **MOS**: “vallée du Pungoué: Guengère“ [=Sofala Prov.]  
c, e, s **AF**: BFO, BOW, CAM, CON, DOC, ERI, ETI, KEN, MAW, MLI, MOS, NIG, NRE,

ssp. *tenuicollis* s. str.

=*brevitarsis* Müller, 1938

ssp. *aenigma* (Dohrn, 1881) *Anthia*

ssp. *banghaasi* Strohmeier, 1928

=*bulungwana* Strohmeier, 1928

ssp. *bifasciata* (Bénard, 1926) *Polyhirma*

ssp. *circuligera* (Fairmaire, 1887) *Polyhirma*

ssp. *crampelina* Strohmeier, 1928

ssp. *eldamana* Strohmeier, 1928

ssp. *errata* Strohmeier, 1928

=*bemba* Strohmeier, 1928

ssp. *guluana* Strohmeier, 1928

ssp. *heha* Strohmeier, 1928

RCA, RSA, TAN, TCH, UGA, ZAM, ZIM; sw **AS**: SAU  
“montagnes de Schimba sur la côte d’Afrique vis à vis de Zanzibar“ [=e TAN: Pwani Reg.: Shimba Hills]; Arusha, Dodoma, Kilimanjaro, Tanga Regions; c, e KEN: Central, Coast, Rift Valley Provinces  
“Fort Hall, Africa orientale inglese“ [=c KEN: Central Prov.]

type locality not stated, [probably “Zambese“ sn. Dohrn 1881 (=BOW, ZIM sn. Péringuey, 1896)]; s MOS: Maputo Prov.; RSA: KwaZulu Natal, Limpopo Provinces  
“D.-O.-Afr., Tanganjika“ [=TAN]: Shinyanga Reg.  
“Njembe-Bulungwa“ [=nw TAN: Shinyanga Reg.]

Tabora [Reg. =w TAN]; Kagera, Kigoma, Singida Regions; UGA  
“Franz. Kongo: Scharigebiet: Fort-Crampel“ [=c RCA: Nana Grébizi Prefecture: Kaga Bandoro]  
“Eldama-River Station“ [=w KEN: Rift Valley Prov.: Eldama Ravine]  
“Nordwest-Rhodesia“ [=w ZAM]; MAW; nw TAN: Kigoma Reg.  
“Nordwesttanganjika: Ubemba“ [=nw TAN: Kigoma Reg.]  
n UGA: Gulu [Dist.]  
“D.-O.-Afr., Uhehe; Uhehe-Kidugala; Mitteluhehe; Uhehe-Tosmagonga; Süduhehe; Iringa-Mogologo“ [=sw TAN:

ssp. *hemigraphis* Strohmeier, 1928  
 =*circuligeroides* Strohmeier, 1928  
 =*ochthodysma* Strohmeier, 1928  
 ssp. *horni* (Sternberg, 1907b) *Polyhirma*  
 =*fipana* Strohmeier, 1928  
 ssp. *humilis* (Guérin-Ménéville, 1849)  
 =*anchora* Raffray, 1885 *Polyhirma*  
 ssp. *kafuena* (Péringuey, 1908) *Polyhirma*  
 ssp. *kilimana* Strohmeier, 1928  
 ssp. *kiwirana* Strohmeier, 1928  
 ssp. *miskelli* Basilewsky, 1980  
 ssp. *ngona* Strohmeier, 1928

Iringa Reg.]; Nord-Njassa,  
Ubena-Langenburg; Madibira;  
 [=Mbeya Reg.]; Rukwasee-  
Steppe? [=Rukwa Reg.]  
 “Insel Ukerewe [=n TAN:  
 Mara Reg.]; Südviktoriassee:  
Muansa“ [=n TAN: Mwanza  
 Reg.]; Arusha, Kagera Regions  
 “Ost.-Victoria-See: Ngoroine-  
Mukenge“ [=n TAN: Mara,  
 Arusha Regions]  
 “S.-W.Victoria-See, Bukoba“  
 [=n TAN: Kagera Reg.]  
 “Kassanga (Tanganjika) [=sw  
 TAN: Rukwa Reg.: Kasanga];  
Langenburg (N. Tanganjika)“  
 [=s TAN: Mbeya Reg.:  
 Tukuyu]  
 “S-O Tanganjika: Ufipa-  
Plateau; Kassanga;  
Ufipa: Msamwia; 1850m;  
Bismarkburg“ [=Kasanga, sw  
 TAN: Rukwa Reg.]  
 “Wood Medina en Arabie“ [=w  
 SAU: Medina]; ERI, ETI: Afar  
 Reg.  
 “Abrechoho, dans la vellée  
duh aut Anseba“ [=n ETI: Afar  
 Reg.]  
 “Kafue River (Northern  
Rhodesia)“ [=s ZAM: e  
 Southern Prov.]; se DOC:  
 Katanga Prov.  
 “Kilimandjaro; Moschi“ [=ne  
 TAN: Kilimanjaro Reg.]  
 “Massewe-Kiwira-Flufs;  
Njasa“ [=sw TAN: Mbeya,  
 Iringa Regions]  
 wc KEN: Londiani; Naivasha;  
Uasa Nyrio River, Mukogodo  
Ranch, nw Nanyuki [=Rift  
 Valley Prov.]  
 “Kigonsera“ [=sw TAN:  
 Ruvuma Reg.]

ssp. *pangwana* Strohmeier, 1928  
 =*vicina* Strohmeier, 1928  
 ssp. *peregrina* Strohmeier, 1928  
 ssp. *reflexicauda* (Bénard, 1925c) *Polyhirma*  
 ssp. *salamensis* (Kolbe, 1898) *Polyhirma*  
 =*kondana* Strohmeier, 1928  
 =*makondana* Strohmeier, 1928  
 =*sambarana* Strohmeier, 1928  
 ssp. *schirensis* Strohmeier, 1928  
 ssp. *uelensis* Burgeon, 1929  
 ssp. *ugandana* Basilewsky, 1980

“D.-O.-Afr., Mpangwe;  
Bihawara“ [=sw TAN: Ruvuma  
 Reg.]; Singida Reg.  
 “Grenzgebiet zw. Ugogo und  
Turu, Saranda-Sawa“ [=c TAN:  
 Singida Reg.]  
 “Nordwest-Massai, Sossian-  
Ngoroine“ [=ne TAN: Arusha  
 Reg.]  
 “Congo français: Haute-  
Sangha, environs de Carnot“  
 [=sw RCA: Mambéré-Kadéï  
 Prefecture]  
 “D.-O.-Afr. Kaiserl.  
Gouvernement“ [=TAN]: Dar  
 Es Saalam, Dodoma, Lindi,  
 Manyara, Morogoro, Mtwara,  
 Pwani, Rovuma, Sinoida,  
 Tanga Regions; n MAW, n  
 MOS: Niassa Prov.; ZAM  
 “Irangi, Kondo bis Irangi  
 [=sw TAN: Morogoro Reg.];  
Iramba, Issansu Mkalama  
 [=Singida Reg.]; Ufioni, Grofs  
Ufioni“ [=Dodoma, Manyara  
 Regions]  
 “D.-O.-Afr., Mikindani;  
Lindi; Makonde-Hochland,  
Lukuledi; Ndanda; Suiva;  
Kionga; Unterer Rovuma“ [=se  
 TAN: Lindi, Mtwara, Ruvuma  
 Regions];  
 “D.-O.-Afr., Pangani-Tanga;  
Tanga Umg.; Tanga-Magila“  
 [=ne TAN: Tanga Reg.]  
 “Brit. Njassaland zw. Zomba  
und Blantyre“ [=s MAW:  
 Southern Reg.]  
 “Haut-Uele: Api; Mauda;  
Dungu“ [=ne DOC: Orientale  
 Prov.]  
 s UGA: “Tororo; btw. Jinja und  
Muria or Mbwago’s; Bugisu;

- ssp. *uhligi* Strohmeier, 1928
- Elgon; 6200ft [=Eastern Reg.]; Karamoja distr., Mt. Kadam; Kotido; Nakwai Hills; Turkana Plain near Nepal Pass [=Northeastern Reg.]; Nimuli to Murchinson Falls [=Northern, Western Regions]; w KEN: 40 mls e of Mt. Elgon; Kacheliba [=w Rift Valley Prov.]; Mumias, Kisumu Road [=Western Prov.]; SSD? “Massai-Ngaruka [Engaruka]; Massai-Ngotiek“ =ne TAN: Arusha Reg.]
- mouffletii group (Häckel sn. Basilewsky in Kleinfeld & Puchner, 2012)
- 50** *brevivittis* (Chaudoir, 1866) *Polyhirma*  
= *brevicollis* Csiki, 1929 U.N.
- 51** *kassaica* (Bénard, 1927) *Polyhirma*  
c AF: “Congo Belge: Bassin du Kassai“ [=DOC: Kasai-Occidental, Kasai-Oriental Provinces]; DOC: Bandundu, Bas-Congo, Kinshasa Provinces; n ANG: Zaire, Uige Provinces  
sw AF: e ANG: “Lunda“ [=Lunda Norte Prov.]  
sw AF: “Benguéla“ [=w ANG: Benguela Prov.]
- 52** *lundana* Basilewsky, 1964b  
sw AF: e ANG: “Lunda“ [=Lunda Norte Prov.]
- 53** *mouffletii* (Chaudoir, 1866) *Polyhirma*  
= *subhamata* Oberthür, 1884
- 54** *overlaeti* Burgeon, 1935a  
ssp. *overlaeti* s. str.  
c AF: DOC “Congo belge: Kinda“ [=s DOC: Katanga Prov.] “Kwango, Kianza terr. de Feshi“ [=sw DOC: Bandundu Prov.]  
Lulua: Limdji Riv.; Kapanga; Tshibamba; Sandoa; Lunkinda Riv.; Kasai-Lunene Riv.; Kapelekese Riv.; Kafakumba [=s DOC: w Katanga Prov.]
- ssp. *kwangoana* Basilewsky, 1963
- ssp. *lualabana* Basilewsky, 1955

**55** *rohani* (Bénard, 1921d) *Polyhirma*

**56** *zambeziانا* (Bénard, 1922c) *Polyhirma*

= *rhodesiana* (Bénard, 1925a) *Polyhirma*  
NN for *Polyhirma zambeziana* Bénard, 1922c  
= *benardi* Basilewsky, 1931  
NN for *Polyhirma zambeziana* Bénard, 1922c

species incertae sedis:

**57** *tatumana* (White, 1846) *Anthia*

sw AF: “district de Huilla, Menongué“ [=sw ANG: Huila Prov.]  
s AF: “Haut Bassin de Zambèze: Loèti“ [=w ZAM: Western Prov.: Lungwebungu]; Loenginga“ [=Luanguinga]

unknown

**E C C O P T O P T E R A** Chaudoir, 1878; T: *Eccoptoptera cupricollis* Chaudoir, 1878 (species: 2)

**1** *cupricollis* Chaudoir, 1878

ssp. *cupricollis* s. str.

e AF: BUR, DOC, ETI, KEN, MAW, RCA, TAN, UGA, ZIM “montagnes du Schimba“ [=e TAN: Pwani Reg.: Shimba Hills]; Dar Es Saalam, Morogoro, Tanga, Zanzibar Isl. Regions; s KEN: Eastern Prov. “D.-O.-Afr., Uluguruberge“ [=e TAN: Morogoro Reg.: Uluguru Mts.] “Kwakijembe; Trockenwald bei Mtohovu; unt. Umba“ [=ne TAN: Tanga Reg.] “D.-O.-Afr., Daressalam; Daressalam, Puguberge-Kisserawe“ [=e TAN: Dar Es Saalam Reg.] “Zaire: Niarembe; Mahagi; Mahagi-Niarembe; Région d'Abok“ [=ne DOC: Orientale Prov.]; w UGA: Butiaba, rive orientale du lac Albert“ [=right bank of Albert Lake] “Kibwezi (Wa-Kamba, östlich vom Kilima-Ndjaru Britisch Ost-Afrika)“ [=s

= *goetzei* Strohmeier, 1928

= *methneri* Strohmeier, 1928

= *salamensis* Strohmeier, 1928

ssp. *albertina* Basilewsky, 1980

ssp. *alluaudi* Sternberg, 1906c

=*betheliana* Strohmeier, 1928  
 =*eldamae* Strohmeier, 1928  
 =*montium* Strohmeier, 1928  
 ssp. *burundina* Basilewsky, 1980  
 ssp. *chalcodera* (Harold, 1881) *Polyhirma*  
 ssp. *clarkei* Basilewsky, 1980  
 ssp. *gallensis* Strohmeier, 1928  
 ssp. *harrarensis* Basilewsky, 1980  
 ssp. *katangana* Basilewsky, 1953  
 ssp. *kigonserana* Strohmeier, 1928  
 ssp. *lukeledina* Strohmeier, 1928  
 ssp. *madibirana* Strohmeier, 1928

KEN: s Eastern Prov]; Rift Valley Prov.; ne TAN: Arusha, Kilimanjaro, Tanga Regions “Usambara Neubethel“ [=ne TAN: Tanga Reg.] “Eldamariver-Station [=w KEN: Rift Valley Prov.: Eldama Ravine]; nördl. Massailand“ [=ne TAN: Arusha Reg.] “West-Usambara“ [=ne TAN: Tanga Reg.] BUR: “Makoronkwe, dans le Mosso; Bujumbura“ w KEN: Taita District [=Rift Valley Prov.]; Ukamba [=w TAN: Kilimanjaro Reg.] s ETI: “Sidamo Prov., 38-40 km e of Neghelli; 65 km e of Neghelli; Wadera“ [=n Southern Nations, Nationalities and Peoples; Oromiya Regions] “Nordgalla, Gambo; Guda [=c ETI: Oromiya Reg.]; Abessinien 70 km nw v. Harrar“ [=Somali Reg.] ne ETI: “Harar; Besetino [=Harari Reg.]; Dire Dawa“ [Reg.] se DOC: Katanga Prov.: Upemba N.P. Kigonsera [=sw TAN: Ruvuma Reg.] “Lukeledi [=Lukuledi, se TAN: Mtwara Reg.]; Lindi; Makonde-Hochland“ [=Lindi Reg.] “Madibira; Ubena-Langenburg; Kilossa-Ssinger; [=Mbeya Reg.]; Bihawana; SO Usagara [=Dodoma Reg.]; Mitteluhehe; 1000-1700m; Pawagga Bez. Iringa; 800m; Lusulwepass

=*nyika* Strohmeier, 1928  
 =*taborana* Strohmeier, 1928  
 ssp. *meridiana* Strohmeier, 1928  
 ssp. *pufirana* Strohmeier, 1928  
 ssp. *ukerewensis* Strohmeier, 1928  
 ssp. *virii* Strohmeier, 1928  
 =*crampelina* Strohmeier, 1928  
 ssp. *wituana* Strohmeier, 1928  
**2** *mutilloides* (Bertoloni, 1857) *Anthia*  
 ssp. *mutilloides* s. str.  
 =*labrata* Fairmaire, 1891a  
 ssp. *adonia* Kolbe, 1896  
 ssp. *fontium* Strohmeier, 1928

[=Iringa Reg.]; Mpangwe“ [=Singida Reg.]; Kagera, Rukwa, Ruvuma, Tabora Regions “Nord-Njassa, Konde-Unjika [=Rukwa Reg.]; Neuhelgoland; Moko“ [=Ruvuma Reg.] Tabora [Reg.]; Ugogo bis Unjamwesi; Unjanjembe; Kakoma; Turu [=Kagera Reg.]; Kilimatinde; Iramba, Issansu, Mkalama [=Singida Reg.] “Brit. Njassaland zw. Zomba und Blantyre“ [=s MAW: Southern Reg.] “S-O Tanganjika: Kassanga; Ufipa-Plateau; Tanganjikasee“ [=sw TAN: Rukwa Reg.] “Insel Ukerewe“ [=n TAN: Mwanza Reg.] “Neu-Kamerun; Uam.-Gebiet, Bosum“ [=w RCA: Ouham-Pendé Prefecture]; Kémo, Lobaye, Nana-Grébizi, Nana-Mambéré, Mambéré-Kadéï, Ombella-M’poko, Ouham, Sangha-Mambéré Prefectures “Fort-Crampel“ [=c RCA: Nana Grébizi Prefecture: Kaga Bandoro] “Witu-Kipiui“ [=se KEN: Coast Prov.] e AF: DOC, KEN, MAW, MOS, TAN “in ripis fluminis Manarra provinciae Inhambanensis Mozambici“ [=se MOS: Inhambane Prov.]; Maputo City and Province MOS “Ostafrika“ [=TAN] “Kigonsera; Ost-Ungoni; Kipenhere“ [=sw TAN: Ruvuma Reg.]

ssp. *lagenula* (Gerstaecker, 1867) *Polyhirma*  
 =*roeschkei* Sternberg, 1906c  
 =*intima* Strohmeyer, 1928  
 ssp. *mela* Strohmeyer, 1928  
 =*kamica* Strohmeyer, 1928  
 =*vinza* Strohmeyer, 1928  
 ssp. *selenolepta* Strohmeyer, 1928

“Mombas“ [=se KEN: Coast Prov.: Mombasa Distr.]; Rift Valley Prov.; ne TAN: Kilimanjaro, Tanga Regions; s UGA  
 “Ost-Usambara (Deutsch Ost-Aafrika)“ [=ne TAN: n Tanga Reg.]  
 “Eldamariver“ [=w KEN: Rift Valley Prov.: Eldama Ravine]  
 “Rombo [=Kilimanjaro Reg.]; Massai-Ngaruka; Nord-Massai Sossian-Ngoroine [=Arusha Reg.]; Uhehe-Iringa; [=Iringa Reg.]; Bukoba-Victoriasee [=Kagera Reg.]; Ufiomi; Issansu bezw. Hohenlohegraben, Mkalame-Jaida-Sumpf [=Manyara Reg.]; Usuafua, Bayoberge; Utengele; Ubena; Kilossa; Langenburg [=Mbeya Reg.]; Insel Ukerewe [=Mwanza Reg.]; Unika-Mbosi; Kundi; Nkila-Ukimbu; Kilimatinde; Kilimatinde-Tabora; Kilimatinde-Turu; Iramba, Issansu Mkalama; Irangi-Ikome; Grenzgebiet, zwischen Ugogo und Turu, Ssuna-Ssingida; Mtotea-Ssuna; Landschaft Bassi, Salanka [=Singida Reg.]; Kigoma Reg.; BUR, se DOC: Katanga Prov.; ZAM  
 “West Ukami“ [=sc TAN: Iringa Reg.]  
 “Ost-Tanganjika, Uwinsa-Mlagarassiflufs; Ost-Tanganjika, Könsi-Uwinsa“ [=w TAN: Kigoma Reg.]  
 “O.-Afr. Lukuledi [=se TAN: Mtwara Reg.]; Lindi;

Tendaguru-Lindi; Makonde-Hochland; Namupa [=Lindi Reg.]; Brit. Njassaland zw. Zomba und Blantyre“ [=s MAW: Southern Reg.]

**G O N O G E N I A** Chaudoir, 1844; T: *Carabus tabidus* Fabricius, 1792 (species: 7)  
 =*Microlesta* Chaudoir, 1850; T: *Microlesta spinipennis* Chaudoir, 1850  
**1 atrata** (Boheman, 1848) *Anthia*  
 ssp. *atrata* s. str.  
 ssp. *nigrina* (Boheman, 1860) *Polyhirma*  
 ssp. *schultzei* (Kuntzen, 1919) *Polyhirma*  
**2 endroedyi** Basilewsky, 1980  
**3 immerita** (Boheman, 1860) *Polyhirma*  
 ssp. *immerita* s. str.  
 ssp. *cribricollis* (Chaudoir, 1861) *Polyhirma*  
 ssp. *kalaharica* Basilewsky, 1980

s **AF**: NAB, RSA  
 “Caffraria interior“ [=n RSA]; RSA: Free State, Northern Cape, North West Provinces; ne NAB: Caprivi Reg.  
 “juxta fluvios Svakop et Nolagi“ [=c NAB: Erongo Reg.: Swakop, Nolagi Rivers]  
 “Kubub“ [=s NAB: Karas Prov.]  
 s **AF**: “Afrique du Sud (Little Namaqualand). Honderkkliepbaai [=Hondeklip Bay]; Rietfontein; Alexander Bay; Holgat Mouth; Oogarabies; Namaqualand Pt. Noloth; Buffeis riv. Valley; Quaggafontein; Outspan Farm; Gemsbok vlagte Farm; Strandfontein Farm; Kwass Farm; Namaqualand“ [=w RSA: Northern Cape Province]  
 sw **AF**: ANG, NAB, RSA  
 “vicinitas fluvii Svakop“ [=c NAB: Erongo Reg.: Swakop Riv.]; Hardap, Khomas, Otjozondjupa Regions  
 “Benguela“ [=w ANG]; NAB  
 RSA: Kalahari Gemsbok National Park; Mata Mata; 25 km s of Mata Mata; Twee Rivieren [=Northern Cape Prov.]; “South –West Africa. Duineveld near Stempriet [=c NAB: Hardap Reg.];

- 4 *oxygona* (Chaudoir, 1844) *Anthia*  
 Wildheim Est, 384; Katzies,  
Keetmanshoop distr. [=Kararas  
 Reg.]  
 s AF: “Cap de Bonne-  
Espérance“ [=s RSA]: Northern  
 Cape Prov.
- 5 *rugosopunctata* (Thunberg, 1806) *Anthia*  
 s AF: “Caput bonae spei“ [=s  
 RSA]: Eastern Cape, Free  
 State, KwaZulu-Natal, North  
 West Provinces  
 =*rubiginosa* Perroud, 1846 *Anthia*
- 6 *spinipennis* (Chaudoir, 1850) *Microlesta*  
 s AF: “Cap de Bonne-  
Espérance“ [=s RSA]: Eastern,  
 Western Cape Provinces  
 s AF: “Cap de Bonne-  
Espérance“ [=s RSA: Western  
 Cape Prov.]; North West Prov.  
 “caput bonae spei“ [=s RSA]  
 “l’Afrique australe“ [=s RSA]
- 7 *tabida* [Olivier in litt.] (Fabricius, 1792) *Carabus*  
 =*spinosus* Linnaeus, 1767 *Carabus*  
 =*obtusa* Chaudoir, 1869a *Microlesta*
- N E T R O D E R A** Chaudoir, 1850; T: *Anthia formicaria* Erichson, 1843  
 (species: 3)
- 1 *formicaria* (Erichson, 1843) *Anthia*  
 sw AF: ANG, BOW, NAB,  
 RSA, ZAM, ZIM  
 s AF: “Windhuk [=c NAB: Khomas  
 Reg.: Windhoek]; Okahandja  
 [=Otjozondupa Reg.]; Karibib;  
Omaruru [=w NAB: Erongo  
 Reg.]; Reheboth“ [=Hardap  
 Reg.]  
 s BOW: Kaotwe; Gomodimo  
 [=Ghanzi Prov.: Central  
 Kalahari Game Reserve];  
 “South West Africa. Kungveld,  
Mangetti Forest, betw.  
Tsumkwe and Chassie“ [=e  
 NAB: Omaheke Reg.]  
 s AF: “Transvaal [=e, nw RSA:  
 KwaZulu-Natal, Limpopo,

- 2 *malangana* Strohmeier, 1928  
 ssp. *malangana* s. str.  
 =*buchneri* [Kolbe in litt.] sn. Strohmeier, 1928  
 ssp. *kwangoana* Basilewsky, 1962
- 3 *vethi* Bates, 1889  
 Mpumalanga, North West  
 Provinces]; Manicaland“ [Prov.  
 =e ZIM]; ZAM  
 sw AF: n ANG, s DOC  
 “Malange W.-Afr.“ [=n ANG:  
 Malanje Prov.]  
 “Malange W.-Afr.“ [=n ANG:  
 Malanje Prov.]  
 “Kwango“ [=s DOC:  
 Bandundu Prov.]  
 sw AF: “Benguella“ [=w ANG]
- H E L L U O N I N I** Hope, 1838 (subtribes: 2; genera: 26; species: 182)
- H E L L U O N I N A** Hope, 1838 genera: 14; species: 40)
- A E N I G M A** Newman, 1836; T: *Aenigma iris* Newman, 1836 (species: 1)
- 1 *iris* Newman, 1836  
 =*newmani* Laporte de Castelnau, 1867  
 =*splendens* Laporte de Castelnau, 1867  
 AU: “New Holland“ [=AUS]: e  
 coastal: e Qld, e Nsw  
 Nsw: Cooks River  
 Qld: Port Denison
- A M E T R O G L O S S U S** Sloane, 1914; T: *Gigadema atrum* W. J. Macleay,  
 1887 (species: 1)
- 1 *ater* (W. J. Macleay, 1887) *Gigadema*  
 AU: ne AUS: Qld: Russell  
River, Cairns District; ne  
 coastal
- D I C R A N O G L O S S U S** Chaudoir, 1872; T: *Helluosoma resplendens* Laporte  
 de Castelnau, 1867 (species: 1)
- 1 *resplendens* (Laporte de Castelnau, 1867)  
*Helluosoma*  
 =*parvulum* W. J. Macleay, 1873 *Aenigma*  
 AU: ne AUS: Qld: Port  
Denison; n Nte, n Wau  
 “New Holland“ [=AUS]

**E P I M I C O D E M A** Sloane, 1914; T: *Helluosoma mastersii* W. J. Macleay, 1871 (species: 1)

**1 mastersii** (W. J. Macleay, 1871) *Helluosoma* AU: ne AUS: e coastal: se Qld: Gayndah; Nsw

**G I G A D E M A** Thomson, 1859; T: *Gigadema titanum* Thomson, 1859  
=*Gigadema nocte* (Newman, 1842) (species: 13)  
=*Aenigma* Newman, 1836; T: *Aenigma iris* Newman, 1836  
=*Enigma* Newman, 1842 in error  
=*Penichrodema* Gestro, 1875; T: *Gigadema minuta*, *G. thomsoni*, *G. paroensis* all Laporte de Castelnau, 1867

grande group (sn. Sloane 1914):

**1 grande** (W. J. MacLeay, 1864) *Helluo* AU: ne AUS: Qld: Port Denison; ne coastal Qld: Coen  
=*prominens* Sloane, 1914 U.N.  
**2 gulare** Sloane, 1914 AU: “Central Australia” [=n AUS: s Nte:]: Tennant Creek; Qld  
**3 maxillare** Sloane, 1914 AU: ne AUS: Qld: Cooktown; Kuranda; Princess Charlotte Bay; Townsville; New Guinea Is.: s PNG: Western Prov.; Torres Straits: Mona Is. Qld: Night Is.; Port Denison; Somerset (Cape York)  
=*grandis* sn. Gestro 1875 AU: “N. W. Australia” [=n Wau]: Kimberley Reg.

lopngipenne group (sn. Sloane 1914):

**5 longipenne** (Germar, 1848) *Helluo* AU: s, w AUS: Sau: Adelaide; s Qld, Nsw, Vic, Wau Gayndah [=ne AUS: se Qld]

nocte group (sn. Sloane 1914):

**6 bostocki** Laporte de Castelnau, 1867 AU: c, nw, s, w AUS: n Wau; Nsw; s, w Nte; Sau; Vic Nsw: Lachlan River Wau: Fraser Range “Central Australia”: Oodnadatta [=n Sau] AU: w AUS: Wau  
**7 dux** Blackburn, 1901b AU: c, w AUS: Sau: Everard  
**8 mandibulare** Blackburn, 1892

=*longius* Blackburn, 1901b

**9 nocte** (Newman, 1842) *Enigma*

=*titana* Thomson, 1859a

**10 obscurum** Sloane, 1914

sulcatum group (sn. Sloane 1914):

**11 biordinatum** Sloane, 1914

**12 froggatti** W. J. Macleay, 1888

**13 sulcatum** (W. J. Macleay, 1864) *Helluo*

=*paroensis* Laporte de Castelnau, 1867

=*minuta* Laporte de Castelnau, 1867

=*thomsoni* Laporte de Castelnau, 1867

=*damelii* W. J. Macleay, 1873

**HELLUARCHUS** Sloane, 1914; T: *Helluarchus robustus* Sloane, 1914 (species: 2)

**1 robustus** Sloane, 1914

**2 whitei** Lea, 1914

**HELLUAPTERUS** Sloane, 1914; T: *Helluapterus niger* Sloane, 1914 (species: 1)

**1 niger** Sloane, 1914

=*punctata* Sloane, 1914 U.N.

Range; s Nte, Wau “Central Australia”: MacDonnell Ranges [=s Nte] AU: e AUS: Nsw: Woodside, near Sydney [probably uncertain]; s Qld, e Sau “Morton-Bay, Nouvelle-Hollande” [=ne AUS: Qld: Port Denison] AU: e AUS: s Qld: Cunnamulla

AU: ne AUS: Qld: Torres Straits: Prince of Wales Is. AU: n AUS: n Wau: King Sound; Kimberley Reg.; Qld: ne coastal AU: e, n, w AUS: Qld: Port Denison; Nsw; Nte, e Sau, Wau: w coastal Nsw: Paroo River Qld: Ipswich Qld: Port Denison Cape York [=ne AUS: n Qld]

AU: wc AUS: Wau: Anketell, near Cue AU: c AUS: se Nte: Finke River

AU: wc AUS: Wau: Murchison District Wau: Shark Bay



**HELLUO** Bonelli, 1813; T: *Helluo costatus* Bonelli, 1813 (species: 2)

- 1 *costatus* Bonelli, 1813 AU: e AUS: ?Vic; Act, Qld, Nsw  
=*carinatus* Chaudoir, 1848 “Melbourne, sur les bords de la Rivière des Cygnes; Adelaide”  
[=s, se AUS: Sau, Vic]  
2 *insignis* Sloane, 1890 AU: se AUS: Murray-Darling basin: Nsw: Darling River

**HELLUODEMA** Laporte de Castelnau, 1867; T: *Aenigma unicolor* Hope, 1842 (species: 2)  
=*Simoglossus* Chaudoir, 1872; T: *Simoglossus niger* Chaudoir, 1872 (=unicolor Hope, 1842)

- 1 *brunneum* Sloane, 1917 AU: n AUS: Nte  
2 *unicolor* (Hope, 1842) *Aenigma* AU: “New Holland” [=AUS]: Nsw, Qld; s New Guinea Is.: PNG: Western Prov.; s West Papua (IDN): Merauke Dist. “Ega, Amazone supér.” [=s AM: BRA] (in error sn. Laporte de Castelnau 1867  
=*batesii* Thomson, 1857a ?*Helluomorpha* AU: Qld)  
=*niger* Chaudoir, 1872 *Simoglossus* AUS  
=*castelnau* Chaudoir, 1872 *Gigadema* AUS

**HELLUONIDIUS** Chaudoir, 1872; T: *Aenigma cyanipennis* Hope, 1842 (species: 8)

- 1 *aterrimus* (W. J. Macleay, 1873) *Helluosoma* AU: ne AUS: Qld: Cape York; ne coastal  
2 *chrysocomes* Maindron, 1908 AU: e New Guinea Is.: “Sentani” [=West Papua (IDN): Jayapura Distr.]; PNG: Central, Eastern Highlands, Madang Provinces  
3 *cyaneus* (Laporte de Castelnau, 1867) *Helluosoma* AU: n, e AUS: e Qld: Rockhampton; e Nsw: Clarence River; n Nte  
4 *cyanipennis* (Hope, 1842) *Aenigma* AU: n AUS [=“Port Essington” sn. Sloane 1914]; n, ne coastal  
=*viridipenne* W. J. Macleay, 1887 *Helluosoma* Cairns [=ne AUS: n Qld]

5 *laevifrons* Darlington, 1968

- 6 *latipennis* (W. J. Macleay, 1887) *Helluosoma*  
7 *latipes* Darlington, 1968

8 *politus* Darlington, 1968

**HELLUOPAPUA** Darlington, 1968; T: *Helluopapua toxopei* Darlington, 1968 (species: 2)

1 *cheesmani* Darlington, 1971

2 *toxopei* Darlington, 1968

**HELLUOSOMA** Laporte de Castelnau, 1867; T: *Helluosoma atrum* Laporte de Castelnau, 1867 (species: 4)

1 *bouchardi* Baehr, 2005a

2 *hangayi* Baehr, 2005a

3 *longicolle* W. J. Macleay, 1888

4 *atrum* Laporte de Castelnau, 1867

AU: e New Guinea Is.: “N-E. N. G., Toricelli Mts., Mokai village”; 750m [=nw PNG: Sandaun Prov.]  
AU: ne AUS: n Qld: Cairns  
AU: w New Guinea Is.: “West N. G., Rattan Camp”; 1200m [=West Papua (IDN): Jayawijaya Dist.]  
AU: c, e New Guinea Is.: “N-E. N. G., Morobe Distr., Maba Vy., Menyama [=ne PNG: Morobe Prov.]; Maprik [=East Sepik Prov.]; Oriomo River”; 6m [=Western Prov.]

AU: Waigeo Is.: “West N. G., Mt. Nok, Camp 2” [=West Papua (IDN): Raja Ampat Dist.]  
AU: w New Guinea Is.: “West N. G., Rattan Camp”; 1200m [=West Papua (IDN): Jayawijaya Dist.]

AU: n AUS: nw Nte: 20.5 km nne Bullita, Gregory Nat Pk; 15.57°S, 130.29°E  
AU: ne AUS: c Qld: Wild Horse Creek  
AU: n AUS: n Wau: King Sound;  
AU: ne AUS: Qld: Rockhampton; e Nte; New Guinea Is.: s PNG

*NEOHELLUO* Sloane, 1914; T: *Neohelluo angulicollis* Sloane, 1914 (species: 1)

1 *angulicollis* Sloane, 1914

AU: ne AUS: “Tropical Queensland, near Cairns; Townsville“ [=ne Qld]

*PLATYHELLUO* Baehr, 2005a; T: *Platyhelluo weiri* Baehr, 2005 (species: 1)

1 *weiri* Baehr, 2005a

AU: n AUS: nw Nte: 8 km e by n Jammam, Keep River Nat. Pk; 15.45°S, 129.109°E

*OMPHRINA* Jedlička, 1941 (genera: 12; species: 142)  
=*Helluomorphina* Reichardt, 1974

*COLFAX* Andrewes, 1920; T: *Colfax stevensi* Andrewes, 1920 (species: 1)

1 *stevensi* Andrewes, 1920

e, s, se AS: Sikkim: Gopaldhara; British Sikkim: Pashok; 2500' [=IND: SiD]; Assam: Sadiya [=Ass]; Bengal: Chapra [=Ben]; Bombay: Bassein Fort [=Mhr]; Burma: Tenasserim, Mergui [=s MYA: Tanintharyi Reg.]; Indo-China: Tonkin, Hoabinh; Yen Bai [Prov. =n VIE]; Annam: Cuarao; Vinh [=s VIE: Nghê An Prov.]; LAO: Houei Ko; Natung; Muong Sai; Sop Choun; Vientiane; [=Khammouane, Oudomxai, Phongsali, Savannaket, Vientiane Provinces]; se CHI: Fuj; NEP; VIE

*CREAGRIS* Nietner, 1857; T: *Creagris labrosa* Nietner, 1857 (species: 9)  
=*Pseudohelluo* Laporte de Castelnau, 1867; T: *Pseudohelluo wilsonii* Laporte de Castelnau, 1867

1 *bigemmis* Andrewes, 1931

se AS: s Sumatra[Is.]; Lampongs, Wai Lima [=w IDN: Lampung Prov.]; Perak: Batang Pedang, Tor Camp; 1800feet [=w MAL]

2 *binoculus* Bates, 1892

3 *bisignata* Landin, 1955

4 *distacta* (Wiedemann, 1823) *Helluo*

5 *hamaticollis* Bates, 1892

6 *labrosa* Nietner, 1857

=*piceus* Schaum, 1863 *Acanthogenius*  
NN for *Helluo labrosus* Nietner, 1857b  
=*affinis* Gestro, 1875

7 *lineola* Andrewes, 1926b

8 *rubrothorax* Louwerens, 1949

9 *wilsonii* (Laporte de Castelnau, 1867) *Pseudohelluo*

*DAILODONTUS* Reiche, 1843; T: *Helluo cayennensis* Dejean, 1826 (species: 2)

1 *clandestinus* (Klug, 1834) *Polistichus*

=*rufipes* Brullé, 1838 *Helluo*

=*erythropus* Chaudoir, 1843 *Helluo*

NN for *Helluo rufipes* Brullé, 1838

=*intermedius* Chaudoir, 1872 *Polystichus*

s AS: “Bhamò“ [=n MYA: s Kachin state]; e IND: Ass, Mhy; [LAO sn. Andrewes 1930]  
s AS: ne MYA: Shan States: Pekkong; 900m  
se AS: w IDN: Java Is.; Sumatra Is.; SIG  
se AS: n Borneo Is.: Sarawak [Prov. =e MAL]  
s, se AS: “Ceylon“ [=SRL]; w IDN: Java Is., s IND: Ker, Krt, Tmd; MYA, n VIE, THA; AU: ne AUS: Qld; New Guinea Is.: West Papua (IDN), s PNG

“Bangkok“ [=sc THA: Krung Thep]  
se AS: w IDN: Sumatra [Is.]; w MAL: Selangor  
se AS: c Borneo Is.: “Muara Tewe (Zuider- en Oosterafdeling van Borneo)“ [=c IDN: Kalimantan Tengah Prov.]  
AU: ne AUS: Qld: Brisbane; [se AS: w IDN: Java Is. sn. Andrewes 1930]

s AM: Pra [=n BRA]; Ama, Bhi, Mgr, Spo; ARG: Chc, Crr, Eri, Sfe, Sge; PAR, URU  
“dans la province de Corrientes et sur les bords du Rio de Coronda près Santa Fé (republique Argentine)“ [=n ARG: Cor, Sfe]

not stated [“Haute Amazone, Serpa“ sn. Reichardt 1974]

- 2 *cayennensis* (Dejean, 1826) *Helluo* s AM: “Cayenne“ [=FRG];  
BRA: Goi, Pra, Spo; VEN
- EREPHOGNATHUS** Alluaud, 1932; T: *Erephognathus xiphogenius*  
Alluaud, 1932 =*Erephognathus coerulescens* (Fairmaire, 1903) (species: 2)
- 1 *coerulescens* (Fairmaire, 1903) *Glycia* e AF: e, n, nw, MAD:  
Ankarahitra [=Antananarivo  
Prov.: Betsioka Reg.:  
Maevatanana Dist.];  
Fianarantsoa Prov.  
=xiphogenius Alluaud, 1932 Ananalava [=nw MAD:  
Mahajanga Prov.]
- 2 *margarithrix* Alluaud, 1936 e AF: ce MAD: “Périnet“  
[=Toamasina Prov.: Andasibe-  
Mantadia National Park:  
Analamazoatra]
- HELLUOBROCHUS** Reichardt, 1974; T: *Helluobrochus ares* Reichardt,  
1974 (species: 26)
- brasiliensis group (sn. Reichardt 1974):
- 1 *bacchus* (Reichardt, 1972) *Pleuracanthus* s AM: se BRA: Spo: Itu, Fazenda  
Pau d'Alho; Msg, Sac; ARG:  
Chc, Mns; BOL, PAR, PER  
s AM: “Brésil“ [=se BRA]:  
Eps, Rdj, Sac; ne ARG: Mns  
s AM: “Cayenne“ [=FRG]; n,  
ne BRA: Ama, Amp, Mha, Pra;  
PER  
“Ega“ [=n BRA: Ama: Tefé]  
s AM: se BRA: Eps: Santa  
Teresa
- 2 *brasiliensis* (Dejean, 1825) *Helluo* c, s AM: VEN; n BRA: Ama,  
Amp, Bhi; COL, COS, FRG,  
GUY, MEX: Ver; NIC, PER,  
SAL, SUR
- 3 *brevicollis* (Dejean, 1831) *Helluo* s AM: “Brésil“ [=s BRA]: Pna,  
Rgs, Sac, Spo; BOL
- =*ebeninus* Bates, 1871 *Pleuracanthus* s AM: se BRA: Eps: Córrego  
do Itá
- 4 *capixaba* Reichardt, 1974
- 5 *cribratus* (Reiche, 1842) *Pleuracanthus*
- 6 *luctuosus* (Chaudoir, 1872) *Pleuracanthus*
- 7 *oculatus* Reichardt, 1974

- lacordairei group (sn. Reichardt 1974):  
8 *ares* Reichardt, 1974

- 9 *anthracinus* (Klug, 1834) *Helluo*
- 10 *argus* Reichardt, 1974
- 11 *bechynei* Reichardt, 1974
- 12 *birai* Reichardt, 1974
- 13 *collaris* (Chaudoir, 1877) *Pleuracanthus*
- 14 *cribricollis* (Chaudoir, 1872) *Pleuracanthus*
- 15 *darlingtoni* Reichardt, 1974
- 16 *horqueta* Reichardt, 1974
- 17 *inconspicuus* (Chaudoir, 1848) *Pleuracanthus*
- 18 *lacordairei* (Dejean, 1831) *Helluo*

- s AM: se BRA: Spo:  
Barueri; Atibaia; Ipiranga;  
Paranapiacaba; Piracicaba;  
Pirassununga; Santo Amaro;  
Sorocaba; Goi: Leopoldo  
Bulhões; Msg: Araxá;  
Camanducaia, Vila Monte  
Verde; Pedra Azul; Poços de  
Caldas, Morro do Ferro; Pna:  
Arapoti; Cachoeirinha; 600m;  
Jaguariaíva; Ponta Grossa; Sac:  
Joaçaba; Nova Teutônia
- s AM: “Brasilien“ [=wc, se  
BRA]: DtF, Goi, Pna, Spo  
s AM: se BRA: Spo: Barueri;  
Piracicaba
- s AM: wc BRA: Mgr: Chapada  
dos Guimarães
- s AM: se BRA: Spo: Itu
- s AM: “Bahia (Brésil)“ [=ne  
BRA: Bhi]
- s AM: “province de Mines au  
Brésil“ [=wc BRA: Msg]; Mgr,  
Spo; ARG: Crr, Mns; n PAR  
s AM: c, n PAR: Concepción  
[Dept.]: near Horqueta;  
Amambay [Dept.]: Amambay;  
Guaiará [Dept.]: Paso Yobay;  
Villarica; wc BRA: Mgr:  
Rondonópolis; Msg: Viçosa;  
Spo: Botucatu; Ribeirão Preto;  
FRG: Roches de Kourou
- s AM: n PAR: Concepción  
[Dept.]: near Horqueta
- s AM: “Brésil mérid.“ [=wc  
BRA]: Mgr; ne ARG: Chc,  
Crd, Crr, Mns; c PAR  
s AM: c, n ARG: Tuc;  
“particulièrement dans le Sierra  
de Cordoba“ [=Crd]; Lrj, Sat,  
Sge

- 19 *negrei* Reichardt, 1974  
s AM: n ARG: Sge: Choya;  
Fernandez; Lundo Coral; w  
PAR: “Chaco”
- 20 *petrus* Reichardt, 1974  
s AM: wc BRA: Mgr: Utiariti;  
Rio Papagaio; Rio Verde;  
400m; Goi: Jataí; Msg:  
Uberaba
- 21 *sanguinolentus* (Klug, 1834) *Helluo*  
s AM: “Brasilien“ [=BRA]:  
Goi, Mgr, Msg; n PAR
- oopselaphus group (sn. Reichardt 1974):  
22 *bucki* Reichardt, 1974  
s AM: se BRA: Msg: Serra  
do Caraca; Pna: Guarapuava;  
Rgs: Serro Azul; c PAR: Guairá  
[Dept.]: Paso Yobay; 280m; ne  
ARG: Mns
- 23 *oopselaphus* Reichardt, 1974  
s AM: ne BRA: Pnb: Recife;  
Paulista, Maria Farinha
- 24 *pilipalpis* Reichardt, 1974  
qs AM: BOL: Santa Cruz  
[Prov.]: Montero
- subrostratus group (sn. Reichardt 1974):  
25 *linearis* (Bates, 1871) *Helluomorpha*  
s AM: “Ega“ [=n BRA: Ama:  
Tefé]
- 26 *subrostratus* (Bates, 1871) *Helluomorpha*  
s AM: “Ega“ [=BRA: Ama:  
Tefé]; Mgr; Pna, Rgs; n ARG:  
Mns, Sat, Tuc; ECU, n PAR,  
PER  
qn ARG: Mns, Sat, Tuc; se  
BRA: Rgs: Porto Alegre
- =*sinuatus* Liebke, 1935 *Pleuracanthus*
- HELLUOMORPHA** Laporte de Castelnau, 1834; T: *Helluo heros* Gory,  
1833 (species: 4)  
=*Herinnis* Thompson, 1857b; T: *Herinnis chabrilacii* Thompson, 1857b  
=*Erinnys* Gemminger & Harold, 1868 in error (emendation in catalog)
- heros group (sn. Reichardt 1974):  
1 *araujoi* Reichardt, 1974  
s AM: wc, se BRA:  
Goi: Cabeceiras, Lagoa  
Formosa; Corumbá, Fazenda  
Monjolinho; Fazenda Nova  
Orlândia; Goiânia, Campinas;  
Jataí; Vianópolis; DtF:

- Brasília; Mgr: Rio Verde;  
Msg: Araguari; Betim; ,Minas,  
Parzud; Moro da Garça;  
Unaí, Fazenda Bolívia; Spo:  
Avanhandava; Botucatu; Piraju;  
Pirassununga, Emas; ne ARG:  
Mns; c, e BOL: Ichilo [Prov.]:  
Buenavista; Santa Cruz [Prov.]:  
Montero; n PAR: Concepción  
[Dept.]: near Horqueta;  
s AM: wc, e BRA: Spo:  
São José do Rio Preto;  
Botucatu; Piracicaba; Piraju;  
Pirassununga; Bhi; Goi:  
Cabeceiras, Lagoa Formosa;  
Jataí; Leopoldo Bulhões;  
Vianópolis; Mgr: Rio Verde;  
Msg: Araxá; Rgn: Natal;  
Spo: Botucatu; Piracicaba;  
Piraju; Pirassununga; n PAR:  
Concepción [Dept.]: near  
Horqueta
- 2 *eulinae* Reichardt, 1974  
s AM: “Brésil“ [=wc, e BRA]:  
Goi, Mgr, Msg, Pna, Rgn; PAR  
“Brésil“ [=BRA]
- 3 *heros* (Gory, 1833) *Helluo*  
=*bellicosa* Laporte de Castelnau, 1834
- macroptera species (sn. Reichardt 1974):  
4 *macroptera* Chaudoir, 1850  
c, s AM: “venant de Brésil“  
[=cw, se BRA]: Eps, Mgr, Msg,  
Rdj, Spo; ECU, PAN, PAR,  
PER  
“Rio Janeiro“ [=se BRA: Rdj]  
“le Brésil intérieur: Lagoa  
Santa“ [=se BRA: Msg]
- =*chabrilacii* Thomson, 1857b *Herinnis*  
=*obscuricornis* Chevrolat, 1858
- HELLUOMORPHOIDES** Ball, 1951; T: *Helluomorpha texana* LeConte,  
1853 (species: 24)
- Nearctic groups: praeustus group (Häckel sn. Reiche 1843):  
1 *clairvillei* (Dejean, 1831) *Helluo*  
“l’Amérique septentrionale“  
[=n AM: s USA: se Mis:  
George County; Lucedale sn.  
Lindroth 1955]: Aba, Flo, Gor,  
Mis, Nca, Nje, Sca

**2 ferrugineus** (LeConte, 1853) *Helluomorpha*

=*languida* Caey, 1913 *Helluomorpha*

**3 latitarsis** (Casey, 1913) *Helluomorpha*

**4 longicollis** (Bates, 1883) *Helluomorpha*

**5 mexicanus** (Chaudoir, 1872) *Helluomorpha*

**6 nigripennis** (Dejean, 1831) *Helluo*

**7 papago** (Casey, 1913) *Helluomorpha*

**8 praeustus** (Dejean, 1825) *Helluo*

ssp. *praeustus* s. str.

ssp. *bicolor* (Harris, 1828) *Zuphium*

=*laticornis* Dejean, 1831 *Helluo*

=*pubescens* Klug, 1834 *Helluo*

ssp. *floridanus* Ball, 1956

c, n **AM**: s USA: s Tex  
[Cameron County: Brownsville  
sn Ball 1956]; Aba, Ari, Ark,  
Gor, Kan, Nca, Nje, Nme, Okl,  
Sca, Tex, Uta, Vir; ?Flo, Nyo; n  
MEX: Chh, Coh, Dur, Sin, Tam  
“Texas (Brownswille)“ [=s  
USA: s Tex: Cameron County]  
n **AM**: sw USA: Ari [Pima  
County: Baboquivari Mts. sn.  
Ball 1956]; Nme, Tex; ?Okl; n  
MEX: Chh, Coh, Dur, Sin  
c **AM**: GUA: Capetillo  
c **AM**: MEX: Yuc; Ver  
“l’Amérique septentrionale“  
[=n **AM**: e, s USA: s Gor sn.  
Lindroth 1955; Nca: Wake  
County: Raleigh sn. Lindroth  
1955]; Aba, Ark, DiC, Gor, Ili,  
Lou, Mar, Mas, Mic, Mis, Mso,  
Nca, Nje, Nyo, Okl, Sca, Tex,  
Vir

c, n **AM**: sw USA: “Ari  
(probably southern)“ [=Cochise  
County: Ramsey Canyon, 15  
miles south Sierra Vista sn.  
Bousquet 2012]; Tex; n MEX:  
Chh, Dur, Son  
n **AM**: e, s USA  
“l’Amérique septentrionale“ [=e  
USA]: Aba, Mis, Nje; ?Flo  
ne USA: n Mas: vicinity of  
Salem [=Essex County]; Ark,  
Con, Cor, DiC, Gor, Ili, Ind,  
Iow, Kan, Mar, Mas, Mic, Min,  
Mso, Nda, Neb, Nhm, Nje,  
Nyo, Ohi, Okl, Pen, Sda, Ten,  
Vir, Wis, Wvi, Wyo; ?Aba  
“l’Amérique septentrionale“ [=e  
USA]  
type locality not stated  
se USA: Flo: Volusia Co[unty]:  
Ormond

**9 texanus** (LeConte, 1853) *Helluomorpha*

neotropical groups:

femoratus group (sn. Reichardt 1974):

**10 femoratus** (Dejean, 1831) *Helluo*

=*sparsus* Brullé, 1838 *Helluo*

**11 nigerrimus** (Klug, 1834) *Helluo*

=*coracina* Mannerheim, 1837 *Helluomorpha*

=*melanaria* Reiche, 1843 *Helluomorpha*

**12 rubricollis** (Schaum, 1863) *Helluomorpha*

**13 squiresi** (Chaudoir, 1872) *Helluomorpha*

ritae group (sn. Reichardt 1974):

**14 io** Reichardt, 1974

**15 ritae** Reichardt, 1974

unicolor group (sn. Reichardt 1974):

unicolor subgroup:

**16 brunneus** (Putzeys, 1846) *Helluo*

**17 gigantops** Reichardt, 1974

**18 oculus** (Bates, 1871) *Helluomorpha*

=*janus* Bates, 1871 *Helluomorpha*

c, n **AM**: s USA: e Tex [Smith  
County: Tyler sn. Bousquet  
2012]; Aba, Ark, Cor, Gor,  
Iow, Kan, Ken, Mis, Mso, Neb,  
Nme, Okl, Ten, ; ?Ari; ne MEX:  
Tam

s **AM**: “Sierra de Cordoba“  
[=c, n ARG: Crd]; Tuc: Crd,  
Mdz, Mns, Snl; BOL, BRA:  
Pna, Mgr, Msg, Sac  
“province de Santa Cruz de  
la Sierra“ [=BOL: Santa Cruz  
Prov.]

s **AM**: “Brasilien“ [=wc, s  
BRA]: Goi, Msg, Pna, Rdj,  
Rgs, Sac; ne ARG: Mns  
“Brasilia interiore“ [=BRA]  
BRA

s **AM**: n ARG: “Rosario am  
La Plata“ [=Sfe]; Bua, Eri, Sat;  
wc, se BRA: Goi, Mgr, Spo;  
URU

s **AM**: se BRA: Msg; Rdj; Pna,  
Spo; BOL

s **AM**: n BRA: Ama; Manaus  
s **AM**: wc BRA: Goiás; Río  
Verde

s **AM**: “Brésil“ [=se BRA]:  
Bhi, Rdj, Sac, Spo  
s **AM**: se BRA: Spo: Barueri;  
BRA: Bhi: Candeúba; Goi:  
Jataí; Mgr: Cáceres; Msg:  
Passa Quatro

s **AM**: “Ega, Amazons“ [=n  
BRA: Ama: Tefé]; Amp, Pra  
“Ega“ [=n BRA: Ama: Tefé]

**19 unicolor** (Brullé, 1838) *Helluomorpha*  
 balli species:  
**20 balli** Reichardt, 1974  
 glabratus subgroup:  
**21 diana** Reichardt, 1974  
**22 glabratus** (Bates, 1871) *Helluomorpha*  
 =*gagatina* Chaudoir, 1872 *Helluomorpha*  
**23 juno** Reichardt, 1974  
 species incertae sedis:  
**24 agathyrus** (Buquet, 1835) *Helluo*

s AM: “provincie de Yungas, Bolivia” [BOL: La Paz Dept.]; BRA: Ama; ECU, PER  
 c AM: s MEX: Oax: 34,5 mi n Pochutla, route 175; 4,700 ft; 22,4 mi n Puerto Escondido; 2100ft  
 s AM: c PER: Jauja: Satipo  
 s AM: “Pebas, Upper Amazons” [=ne BRA: Pui]; Ama, Pra; BOL, COL, FRG, PER  
 “Cayenne” [=FRG]  
 s AM: BRA: Amp: Serra do Navijo  
 s AM: “l'intérieur de la Guyane” [=FRG]

**MACROCHEILUS** Hope, 1838; T: *Macrocheilus bensoni* Hope, 1838 (species: 58)  
 =*Apistomus* [Schönherr in litt.] sn. Dejean 1831  
 =*Macrochilus* Hope, 1838 in error  
 =*Acanthogenius* Reiche, 1843; T: *Helluo impictus* Wiedemann, 1823  
 =*Macrocheilidius* Jeannel, 1949 (Sg); T: *Macrocheilus ferruginipes* Fairmaire, 1892b

Palaearctic / Oriental species ungrouped:

**1 asteriscus** (White, 1844) *Helluo*  
 =*crucifer* Redtenbacher, 1867 *Planetes*  
**2 bensoni** Hope, 1838  
 =*trimaculatus* Olivier, 1790 *Carabus*  
 =*quadrimaculata* Guérin-Menéville, 1840 *Helluo*  
 e, s, se AS: se CHI: Hgk; Hai, Gad; w IDN: Java Is.; ne IND: Ass, Tmd; LAO, MYA; c VIE Hgk  
 s, se AS: “Madras” [=se IND: Tmd: Chennai]; Ass, Pud; s, se CHI: Fuj, Jia, Gad, Gax, Gui, Hai, Hgk, Yun; LAO, MYA, SRL, VIE  
 type locality not stated  
 “Indes orientales: plateau des Neelgheries” [=se IND: Tmd]

=*tripustulata* [=Dejean in litt.]  
 Guérin-Menéville, 1843 *Helluo*

=*quadripustulatus* Schmidt-Goebel, 1846  
 =*infuscatus* Bates, 1892 *Acanthogenius*

**3 bicolor** Andrewes, 1920

**4 binotatus** Andrewes, 1931

**5 chaudiiri** Andrewes, 1919  
 NN for *M. trimaculatus* Chaudoir, 1872

=*trimaculatus* Chaudoir, 1872 *Acanthogenius*  
 JH of Olivier, 1790  
 =*ruficollis* Heller, 1923

**6 cheni** Zhao & Tian, 2010

**7 deuvie**[sic!] Zhao & Tian, 2012

**8 fuscipennis** Zhao & Tian, 2010

**9 gigas** Zhao & Tian, 2010

**10 immanis** Andrewes, 1920

**11 impictus** (Wiedemann, 1823) *Helluo*

**12 lindemanae** Jedlička, 1963b

**13 macromaculatus** Louwerens, 1949

**15 niger** Andrewes, 1920

“Pondichéri; monts Neelgheries” [=se IND: Pud, Tmd]  
 “Birma” [=MYA]  
 Bhamò [=n MYA: s Kachin state]; ne IND: Ass  
 s AS: “Bombay: Belgaum district, Kaoeqaoe” [=w IND: Krt]; Mhy  
 se AS: Sumatra [Is.]; Tapanoeli, Groot Mendeling [=w IDN: Sumatera Utara Prov.: Tapanuli Selatan]; Manna [Riv. =s Bengkulu Prov.]  
 s, se AS: BAN, CAB, CHI: Gad; w IDN: Sumatra Is.; e IND: Ben, Jhr, Ori, LAO, MYA, PHI, VIE  
 “Deccan” [=BAN, e IND]

“Luzon [Is.], Laguna Province, Los Baños” [=PHI: Calabarzon Reg.]  
 AS: s CHI: Gax: Tengxian  
 se AS: PHI [Central Visayas Prov.:] Bohol [Is.]  
 AS: s CHI: Gax: Napo  
 AS: se CHI: Gad: Zhanjiang  
 s AS: “Burma: Taung-ngu” [=s MYA: Bago Reg.: Toungoo]  
 s, se AS: “Bengalia” [=BAN, e, n IND]: Ben, Jhr, Ker, Krt, Hmp, Mhp, Mhr, Ori, Pud, Tmd; w IDN: Java Is.  
 s AS: “West Pakistan: Umg. Rawalpindi” [ne PAK: Punjab Reg.: Rawalpindi District]  
 se AS: nc Java Is.: Gunung Muria, Tjolo; 700-1000m [=w IDN: n Jawa Tengah Prov.]  
 s AS: “Nilgiri Hills: Ouchterlony Valley; 3000-3500’; Malabar, Coimbatore;

- 16 nigrotibialis** Heller, 1900  
 Madras: Vizagapatam [=se IND: Tmd]; Bengal: Giridih [=Jhr]; Bengal: Pusa [=Bih]; Bombay: N. Kanara, Castle Rock; Central Provinces: Nagpur, 1000' [=Mhr]; United Provinces: W. Dehra Dun, Jhajra [=Utk]; Adh, Ker, Krt, Ori, Utp; SRL  
 se AS: “Celebes septentrionalis, inter pagum Panot et Matinang montes“ [=n Sulawesi Is.: c IDN: Sulawesi Tengah Prov.: Matinan env.]; e MAL: Sabah; w IDN: Sumatra Is.
- 17 parvimaculatus** Zhao & Tian, 2010  
 AS: s CHI: Gax: Liuzhou: Luzhai
- 18 quadratus** Zhao & Tian, 2010  
 AS: s CHI: Gax: Cangwu
- 19 saulcyi** (Chevrolat, 1854) *Helluo*  
 sw AS: “Saïda“ [=LEB: Saida (Sidon)]; ISR, SYR, TUR, UAE?
- 20 sinuatilabris** Zhao & Tian, 2010  
 AS: s CHI: Gax: Fenghuangcheng
- 21 solidipalpis** Zhao & Tian, 2010  
 AS: s CHI: Gax: Dibei
- 22 tripustulatus** (Dejean, 1825) *Helluo*  
 se AS: w IDN: Java [Is.]; MYA sw AS: YEM: Seyun, in the Wadi Hadramauth; 15°57'N, 48°46'E; 630m; Al Kowd, near Zinjibar; 13°05'N, 45°22'E; 20m
- 23 vanharteni** Felix & Muilwijk, 2007
- 24 vitalisi** Andrewes, 1920  
 se AS: s CHI: “E Borneo: Moorjawa, Sanga Sanga [=c IDN: Kalimantan Timur Prov.]; ne LAO: Ban Houei [=Xiangkhoang Prov.]; Tonkin: Hoabinh“ [Prov. =n VIE]
- ferruginipes species group (sn. Basilewsky 1960):  
**25 cribrarius** Fairmaire, 1901  
 e AF: c MAD: [Antananarivo Prov.: Andrangoloaka sn. Jeannel 1949]; Fianarantsoa Prov.
- 26 ferruginipes** Fairmaire, 1892b
- 27 madagascariensis** Basilewsky, 1953b
- 28 perrieri** Fairmaire, 1899b  
 ssp. *perrieri* s. str.  
 ssp. *unicolor* Alluaud, 1935
- Afrotropical species ungrouped:  
**29 allardi** Basilewsky, 1957
- 30 alluaudi** [Liebke in litt.] Burgeon, 1935a
- 31 angustatus** Basilewsky, 1949
- 32 basilewskyi** Serrano, 2000
- 33 biguttatus** (Gory, 1832) *Helluo*
- 34 bimaculatus** (Dejean, 1831) *Helluo*  
 =*bisignatus* Reiche, 1843 *Acanthogenius* NN for *Macrocheilus bimaculatus* Dejean, 1831
- 35 biplagiatus** (Boheman, 1848) *Acanthogenius*  
 =*cordicollis* Müller, 1949
- 36 burgeoni** Basilewsky, 1967
- e AF: n, ne MAD: “Diego Suarez“ [=Antsiranana Prov.]; Toamasina Prov.  
 e AF: MAD  
 e AF: MAD  
 MAD: “Vallée de la Betsiboka“ [=n MAD: Mahajanga Prov.] s MAD: “Behara“ [=Toliara Prov.]  
 s AF: ?MOS  
 c, w AF: “Tolo“ [=w DOC: Kasai-Occidental Prov.]; Bandundu, Bas Congo Provinces  
 c AF: “Lualaba: Kapanga“ [=s, se DOC: Katanga Prov.]; Orientale, Nord-Kivu Provinces; RWA  
 sw AF: nw ANG: Luanda [Prov.]; Lucira [Namibe Prov.]; c NAB: Khomas, Otjozondjupa Regions  
 w AF: SEN; ETI, GUI, DOC: Bas-Congo, Katanga, Orientale Provinces; ZIM  
 w AF: SEN; ANG; e DOC: Katanga, Orientale Provinces; ETI: Oromiya Reg.; GBI; KEN: Coast Prov.  
 s AF: “Caffraria interior“ [=n RSA, ZAM, ZIM]; ANG: Lunda Norte Prov.; BUR, DOC: Kasai-Oriental, Katanga, Orientale Provinces; SOM  
 “Aethiopia meridionalis: Caschei“ [s SOM: Jubbada Dhexe Reg.: Caschei]  
 c AF: “Congo: Kibali-Ituri: Moto; Niarembe“ [=ne DOC:

- 37 *claspilus* Basilewsky, 1967
- 38 *crampeli* Alluaud, 1916
- 39 *cruciatus* (Marc, 1840) *Helluo*  
=royi Basilewsky, 1954
- 40 *diplospilus* Basilewsky, 1967
- 41 *dorsalis* (Klug, 1834) *Helluo*
- 42 *dorsiger* (Chaudoir, 1876) *Acanthogenius*
- 43 *elegantulus* Burgeon, 1935a
- 44 *hybridus* Péringuey, 1896
- 45 *labrosus* (Dejean, 1831) *Helluo*  
=dispar LaFerté-Sénectere, 1849 *Helluo*  
=bimaculatus Murray, 1857
- 46 *longicollis* Péringuey, 1904
- 47 *moraisi* Serrano, 2000
- Orientale Prov.]; Katanga, Nord Kivu, Sud Kivu Provinces; RWA; sw TAN: Mbeya Reg. w **AF**: “Zaire: Poko-Dili” [=Orientale Prov.]; SEN c **AF**: “Congo français: Fort-Crampel, sur le haut Chari” [=c RCA: Kaga Bando Pref.]; n DOC: Équateur Prov. w **AF**: SEN; GUI, LIR, RCI Nimba Mt.; 1200m [=GUI, LIR, RCI] c **AF**: “Congo [=DOC]: Bas-Congo [Prov.]: Mayidi; Stanleyville: Yangambi” [=Orientale Prov.] s **AS**: “Kap” [=s RSA: Western Cape Prov.]; e, w **AF**: “Adowa” [=n ETI: Tigray Reg.]; ne DOC: Orientale Prov.; GBI c **AF**: “Congo belge: Yebo; Beni; Watsa [=DOC: Orientale Prov.]; riv. Kasai [=Kasai-Occidental Prov.]; Lusambo [=Kasai-Oriental Prov.]; Kaniama; Kapanga [=Katanga Prov.]; vieux Kasongo [=Maniema Prov.] s **AF**: “Natal (Escourt)” [=se RSA: KwaZulu-Natal Prov.]; ZIM w **AF**: SLN; CAM, CON, n DOC: Équateur, Orientale Provinces; GBI, GUI, NRE, RCA, SEN “Sénégalie portugaise” [=GBI] “Old Calabar” [=s NRE] s **AF**: “Southern Rhodesia (Umtali)” [=e ZIM: Manicaland Prov.: Mutare] w **AF**: GBI: Quebo (Coli); CAM [Centre Prov.:] Yaoundé

- 48 *ocellatus* Basilewsky, 1953a
- 49 *overlaeti* Burgeon, 1935a
- 50 *persimilis* Basilewsky, 1970
- 51 *proximus* Péringuey, 1896
- 52 *quadrinotatus* Burgeon, 1935a
- 53 *scapularis* Reiche, 1843  
=boopis Roth, 1851 *Polystichus*  
=fenestratus Raffray, 1885
- 54 *spectandus* Péringuey, 1904
- 55 *taedatus* Basilewsky, 1960
- c **AF**: “Congo Belge: Lualaba: Parc. Nat. Upemba” [=se DOC: Katanga Prov.] c **AF**: “Congo belge: Kapanga” [=se DOC: Katanga Prov.]; Orientale Prov. w **AF**: RCI: Lamto; MLI: Bamako; RCA: Damraou; GUI, SEN s **AF**: “Natal (D’Urban)” [=se RSA: KwaZulu-Natal Prov.] c **AF**: “Congo belge: Kapanga” [=se DOC: Katanga Prov.] w **AF**: “Senegalia” [=GAM, GBI, SEN]; n ETI: Tigray Reg.; ne DOC: Orientale Prov. “Tigré in N. Abyssinien” [=n ETI: Tigray Reg.] “plateaux de l’Hamacen” [=n ETI: Tigray Reg.] s **AF**: “Southern Rhodesia (Umtali)” [=e ZIM: Manicaland Prov.: Mutare] c **AF**: “Congo Belge: Kibali-Ituri: Bavungura; Adranga; Arara, terr. Mahagi; Dingila; Ibembo; Luma près Djalasiga; Niarembe; Nioka; région d’Abok; Uele Distr.; Stanleyville: Stanleyville [=ne DOC: Orientale Prov.]; Tschuapa: Boende [=Équateur Prov.]; Sankuru: Komi [=Kasai-Oriental Prov.]; Haut-Katanga: Kundelungu; Manika; Katanga; Lualaba: Parc. Nat. Upemba, Lusinga; Kapanga; Kipiri [=Katanga Prov.]; Ruanda: Gabiro; Rwinkwavu [=RWA]; Tanganyika Territory: Malagarassi [=w TAN: Kigoma Reg.]; Mara [Reg.]; Morogoro [Reg.]; Uvinsa [=Rukwa Reg.];



56 *varians* Péringuey, 1904

=*eugrammus* Basilewsky, 1960 U.N.

57 *viduatus* Péringuey, 1899

ssp. *viduatus* s. str.

ssp. *katanganus* Basilewsky, 1960

58 *vinctus* Basilewsky, 1960

*Kigonsera* [=Ruvuma Reg.];  
UGA: Kampala-Kigoma;  
Masindi; Msimi; Mujenje;  
KEN: Rift Valley Prov.  
s AF: “Southern Rhodesia  
(Umtali)” [=e ZIM:  
Manicaland Prov.: Mutare]; se  
DOC: Katanga Prov.; sw TAN:  
Mbeya, Rukwa Regions  
“Southern Rhodesia: Umtali  
[=e ZIM: Manicaland Prov.:  
Mutare]; Sebakwe” [Midlands  
Prov.]  
c, s, w AF: ANG, DOC, KEN,  
MOS, RSA, TAN: , ZAM, ZIM  
“Transvaal” [=ne RSA:  
Gauteng, Limpopo,  
Mpumalanga, Nort West  
Provinces]; ANG: Cunene  
Prov.; KEN: Coast Prov.?  
MOS: Manica?, Niassa?, Tete?  
Provinces, TAN: Ruvuma  
Reg.?.; ZAM, ZIM  
“Congo-Belge: Elisabethville;  
Mufungwa-Sampwe; Parc.  
Nat. Upemba, Kaswabilenga;  
700m; Kabwe sur Muye;  
1320m; Lulua, riv. Lunene;  
Sandoa; Albertville; Bassin de  
la Lukuga [=se DOC: Katanga  
Prov.]; N. Rhodesia: Abercorn”  
[=ne ZAM: Mbala District:  
Mbala]  
c AF: “Oubangui-Chari:  
Fort-Sibut” [=RCA: Kémo  
Prefecture]; ANG: Cabinda,  
Uige, Zaïre Provinces; CAM,  
CON, GAB, GUI, ne DOC:  
Bandundu, Bas-Congo,  
Équateur, Kasai-Occidental,  
Kasai-Oriental, Kinshasa  
Provinces; TOG

*MELADROMA* Motschulsky, 1855; T: *Anthia umbraculata* Fabricius, 1801  
(species: 4)

1 *angustata* Basilewsky, 1970

2 *informicollis* Liebke, 1928a

3 *katangensis* Burgeon, 1935a

4 *umbraculata* (Fabricius, 1801) *Anthia*

=*grandis* Dejean, 1831 *Helluo*

=*opacus* La Ferté-Sénéctère, 1849 *Helluo*

=*brevipennis* Liebke, 1928b

*OMPHRA* [Leach in litt.] Dejean, 1825; T: *Helluo hirtus* Fabricius, 1801 (species: 6)

1 *atrata* (Klug, 1834) *Helluo*

2 *complanata* Reiche, 1843

3 *hirta* (Fabricius, 1801) *Helluo*

=*tristis* [Leach in litt.] Dejean, 1825

=*brevis* Chaudoir, 1850

c AF: DOC

w AF: “Joko, Kamerun” [=c  
CAM: Central Prov.]; RCA, ne  
DOC: Orientale Prov.

c AF: “Congo belge:  
Elisabethville; Sandoa;  
Kapanga; Kafakumba; 18 miles  
sw Elisabethville” [=se DOC:  
Katanga Prov.]; Maniema  
Prov.; ANG: Lunda Norte Prov.  
e, w AF: “Guinea” [=Gulf of  
Guinea coast.] BEN, CAM,  
GAB, GAM, GBI, GHA, GUI,  
LIR, NRE, RCA, RCI, SEN,  
SLN, TOG, ?ANG: Huila  
Prov.; ne DOC: Orientale Prov.;  
MAW, TAN: Dar Es Saalam,  
Lindi, Ruvuma Regions

SEN

“Sénégambe portugaise”

[=GBI]

“Joko, Kamerun” [=c CAM:  
Central Prov.]

s AS: “Bengalen” [=BAN, e  
IND]: Ass, Ben, Ker, Mhp,  
Tmd

s AS: “India orientali in  
provincia Decan” [=e IND]:  
Hmp; MYA, NEP

s AS: “Indes Orientales”  
[=BAN, e IND, MYA]: Ben,  
Bih, Jhr, Hmp, Krt, Mhr, Ori,  
Pud, Tmd; SRL

“Indes Orientales” [=BAN, e  
IND, MYA]

“Nord de l’Hindostan (Simlâh)”  
[=n IND: Hmp]

- 4 *pilosa* Klug, 1834  
5 *rotundicollis* Chaudoir, 1872  
6 *rufipes* (Klug, 1834) *Helluo*
- P L E U R A C A N T H U S** Gray, 1832; T: *Pleuracanthus sulcipennis* Gray, 1832 (species: 4)  
= *Ocypus* Gistel, 1838 JH of Stephens
- inca group (sn. Reichardt 1974):  
1 *inca* Reichardt, 1974  
2 *psittacus* Reichardt, 1974
- sulcipennis group (sn. Reichardt 1974):  
3 *sulcipennis* Gray, 1832  
4 *tridens* Reichardt, 1974
- T R I A E N O G E N I U S** Chaudoir, 1877; T: *Acanthogenius sculpturatus* Gerstäcker, 1867 (species: 11)
- T R I A E N O G E N I U S** s. str. (10 species)  
1 *arabicus* Gestro, 1889  
= *obockianus* Fairmaire, 1892a *Triaenogenius*  
= *angustipennis* Gestro, 1895 *Meladroma*  
2 *carinulatus* (Fairmaire, 1887) *Acanthogenius*  
ssp. *carinulatus* s. str.  
ssp. *agnatus* (Péringuey, 1896) *Meladroma*  
ssp. *vicinus* Péringuey, 1896
- s AS: “India Or.”; SRL  
s AS: “Indes Orientales”  
[=BAN, IND, MYA]; SRL  
s AS: “India Or.” [=SRL]
- s AM: sc PER: Cuzco:  
Quincemil; 750m  
s AM: se BRA: Spo:  
Descalvado; Rio Mogi; Guaçu;  
Escamaruça; Msg  
s AM: wc, se BRA: Goi, Mgr,  
Pna, Rgn, Spo  
s AM: cw BRA: Goi: Jataí,  
Fazenda Aceiro; n PAR:  
Concepción [Dept.]: near  
Horqueta
- sw AS: “Yemen meridionale:  
Tes” [=sw YEM: Yemeni  
Highlands: Ta‘izz]; ne AF: DJI,  
ETI, SOM  
“Obock” [=DJI: Obok]  
“Archeisa (Ogaden)” [=se ETI:  
Somali Reg.]  
e, s, sw AF: MOS, NAB, RSA,  
TAN, ZAM, ZIM  
“Uzagara” [=nw TAN: Mwanza  
Reg.]  
“Ovampoland (Okavango  
River)” [=n NAB: Okavango  
Reg.]  
“Transvaal (Middleburg)” [=e  
RSA: Mpumalanga Prov.];
- 3 *congoensis* Basilewsky, 1959b  
4 *corpulentus* Chaudoir, 1877  
5 *denticulatus* Basilewsky, 1959b  
6 *ferox* (Erichson, 1843) *Helluo*  
7 *gerstaeckeri* (Chaudoir, 1877) *Meladroma*  
8 *kochi* Basilewsky, 1964a  
9 *lugubrinus* (Boheman, 1860) *Polyhirma*  
= *anthioides* Chaudoir, 1872 *Acanthogenius*  
10 *sculpturatus* (Gerstäcker, 1867) *Acanthogenius*  
ssp. *sculpturatus* s. str.  
= *helluonoides* Ancey, 1881 *Anthia*  
ssp. *infuscatus* Basilewsky, 1943  
ssp. *patrizii* Alluaud, 1926  
ssp. *rhodesianus* Basilewsky, 1959b
- Zambezia* [=MOS, ZAM,  
ZIM]; s DOC: Katanga Prov.  
“Lukuga; Pweto-Kilwa-  
Kasenge” [=s DOC: Katanga  
Prov.]  
s AF: “République de  
Transvaal” [=n RSA: Gauteng,  
Limpopo, Mpumalanga, North  
West Provinces]; Free State  
Prov.; n NAB: Ohangwena,  
Omusati, Oshana, Oshikoto,  
Otjozondjupa Regions; ZIM  
ANG: “Malange” [=Malanje  
Prov.]  
sw AF: ANG  
s AF: “Afrique australe”  
[=RSA]  
e AF: “Environs de Balad, 2  
Km Sud de l’Uebi-Scebeli;  
Gesira” [=s SOM: Middle  
Shebelle Reg.]  
sw AF: “in regione fluvii  
Svakop” [=c NAB: Erongo  
Prov.: Swakop River]; Karas  
Reg.; ANG: Benguela Prov.; n  
RSA: Northern Cape Prov.  
“Benguéla” [=w ANG]  
e AF: KEN, SOM, ne TAN  
“ad lacum Jipe” [=ne TAN:  
Kilimanjaro Reg.]; Dar Es  
Saalam, Mwanza, Tabora,  
Zanzibar Isl. Regions  
“Uzagara” [=nw TAN: Mwanza  
Reg.]  
“Afrique orientale” [=w TAN:  
Rukwa Reg.]  
“Afrique orientale anglaise:  
Archer’s Post” [=KEN: Eastern  
Prov.]  
“N. W. Rhodesia: Ubemba,  
près d’Abercorn, à l’extrémité  
Sud du Lac Tanganika” [=ne  
ZAM: Northern Prov.: Mbala]

ssp. *subcostatus* Müller, 1943

“Somalia regione benadirensis:  
Villaggio Duca degli Abruzzi”  
[=se SOM: Shabeellaha Dhexe  
Reg.]

*ANDROCHAETUS* Basilewsky, 1959b; T: *Acanthogenius lugubris* Schaum, 1863 (1 species)

11 *lugubris* (Schaum, 1863) *Acanthogenius*  
NN for *Helluo grandis* Boheman, 1848

s AF: BOW, MOS, NAB:  
Erongo, Khomas, Ohangwena,  
Omusati, Oshana, Oshikoto  
Regions; RSA, TAN, ZAM,  
ZIM  
=*grandis* Boheman, 1848 *Helluo* JH of Dejean, 1831 “Africa austr. inter. (Sveakop)”  
[=c NAB: Erongo Prov.:  
Swakop River]

*P H Y S O C R O T A P H I N I* Chaudoir, 1863 (genera: 5, species: 43)  
=*Helluodini* Andrewes, 1929a

*HELLUODES* Westwood, 1846; T: *Helluodes taprobanae* Westwood, 1846  
(species: 3)

1 *devagiriensis* Sabu, Abhitha & Zhao, 2008

s AS: sw IND: Western Ghats:  
w sl.

2 *taprobanae* Westwood, 1846

s AS: “Insulâ Taprobanae”  
[=SRL]

3 *westwoodi* Chaudoir, 1869b

s AS: “Decan” [=BAN, e IND]

*H O L O P O N E R U S* Fairmaire, 1883 NN for *Pamponerus* Fairmaire, 1881; T:  
*Pamponerus godeffroyi* Fairmaire, 1881 (species: 1)  
=*Pamponerus* Fairmaire, 1881 JH of Loew, 1849

1 *godeffroyi* (Fairmaire, 1881) *Pamponerus*

AU: “I. du duc du York”  
[=PNG: East New Britain  
Prov.: Duke of York Isl. (type  
destroyed in WW2)]

*P H Y S O C R O T A P H U S* Parry, 1849; T: *Physocrotaphus ceylonicus* Parry,  
1849 (species: 1)

1 *ceylonicus* Parry, 1849

s AS: “Ceylon” [=SRL]

*P O G O N O G L O S S U S* Chaudoir, 1862; T: *Pogonoglossus validicornis*  
Chaudoir, 1862 (35 species)  
=*Libresthis* Schmidt-Goebel, 1846; T: *Libresthis truncatus* Schmidt-Goebel, 1846  
=*Carpaulum* Sloane, 1904; T: *Carpaulum inflaticeps* Sloane, 1904

Oriental species group:

1 *augustae* Louwerens, 1949

se AS: e Java [Is]: Gunung  
Pandan (Res. Kediri) [=w IDN:  
Jawa Timur Prov. ]

2 *carinipennis* Bates, 1892

s AS: “Karin Chebâ, alt. 900-  
1100m” [=se MYA: Kayah,  
Kayin, Shan States: Karen Hills]

3 *chaudoiri* Gestro, 1875

se AS: “Cambodge” [=CAB]  
se AS: se Sumatra Is. “Forêt  
de Nirou” [=w IDN: Sumatera  
Selatan Prov.]

4 *intermedius* Bouchard, 1903

5 *latus* Andrewes, 1937b

se AS: se Sumatra Is. “Forêt  
de Nirou” [=w IDN: Sumatera  
Selatan Prov.]

6 *montanus* Bouchard, 1903

se AS: se Sumatra Is.: Paggar  
Alam [=w IDN: Sumatera  
Selatan Prov.]

7 *physoides* Andrewes, 1937b

se AS: Java [Is. =w IDN]:  
“Res. Preanger, Mt.  
Tongkoeban Prahoe”; 4000-  
5000ft [=West Java Prov.:  
Priangan]

8 *sciurus* Andrewes, 1937b

se AS: Java [Is. =w IDN]:  
se AS: Sumatra [Is. =w IDN]:  
Sumatera Selatan Prov.; Borneo  
Is.: MAL: Sabah

9 *sumatrensis* Gestro, 1875

10 *sylvaticus* Bouchard, 1903

se AS: se Sumatra Is. “Forêt  
de Nirou” [=w IDN: Sumatera  
Selatan Prov.]

11 *tagalus* Heller, 1916

se AS: PHI: Luzon [Is]: Mt.  
Makiling [=Calabarzon Reg.]

12 *torvus* Andrewes, 1937a

se AS: Java [Is. =w IDN]:

13 *truncatus* (Schmidt-Goebel, 1846) *Libresthis*

s AS: “Birma” [=MYA]; IDN:  
Borneo Is.; IND: Ass, LAO, VIE  
se AS: Java, [Is. =w IDN]; se  
Borneo, Sumatra Isl.; ne IND:  
Ass; LAO; MYA; VIE

14 *validicornis* Chaudoir, 1862

Australian species group:

- 15** *danielsi* Baehr, 2007
- 16** *giganteus* Baehr, 2005b
- 17** *glabricollis* van Emden, 1937
- 18** *grossulus* Darlington, 1968
- 19** *horni* Sloane, 1907
- 20** *inarmatus* Baehr, 1989
- 21** *inflaticeps* (Sloane, 1904) *Carpaulum*
- 22** *laevissimus* Baehr, 1995
- 23** *latior* Darlington, 1968
- 24** *major* Darlington, 1968
- 25** *minor* Darlington, 1968

**AU:** se AUS: ec Nsw: 8 km S Mendooran; 31°53'S, 149°03'E

**AU:** e New Guinea Is.: PNG: Canopy mission, Madang province, Baiteta

**AU:** New Guinea Is.: "N-E. N. G." [=e PNG]: Eastern Highlands, Central Provinces; West Papua (IDN): Manokwari, Nabire Districts

**AU:** e New Guinea Is.: "vic. Zengaru, Vy. of Kua R., Mongi Watershed, Huon pen.; 800m; Lae" [=ne PNG: Morobe Prov.]; Papua: Kokoda, 1200ft; [=Central Prov.]; Eastern Highlands Prov.

**AU:** "New Pomerania, Gazelle Peninsula" [=New Britain Is.: PNG: ne New Britain Prov.]

**AU:** ne AUS: ne Qld: Cape York peninsula

**AU:** e AUS: e Qld: Cairns District: Kuranda

**AU:** w New Guinea Is.: "Irian Jaya" [=West Papua (IDN)]; Panai-Pr. [=Paniai Dist.]; Nabire, Pemukiman"; 200m

**AU:** w New Guinea Is.: "West N. G.: Hollandia: Lower Mist Camp, Snow Mts.; 1550m" [=West Papua (IDN): Paniai Dist.: Maoke Mts.]

**AU:** e New Guinea Is.: "N-E. N. G. vic. Nadzab" [=ne PNG: Morobe Prov.]

**AU:** e New Guinea Is.: "N-E. N. G.: lower Busu R., Huon Pen.; Wau, 1200m" [=ne PNG: Morobe Prov.]; West N. G.: Hollandia [=West Papua (IDN):

**26** *missai* Baehr, 2005b

**27** *obliquus* Darlington, 1968

**28** *papua* Darlington, 1968

**29** *parvus* Darlington, 1968

**30** *porosus* (Sloane, 1904) *Carpaulum*

**31** *punctatulus* Louwerens, 1969

**32** *rufopiceus* Baehr, 1993

**33** *schaumi* Chaudoir, 1869b

**34** *taylori* Darlington, 1968

Jayapura Dist.]; Njau-limon, S. of Mt. Bougainville", 300ft [=Jayawijaya Dist.]

**AU:** e New Guinea Is.: PNG: Canopy mission, Madang Prov.: Baiteta

**AU:** c New Guinea Is.: "N-E. N. G., Eliptamin Vy."; 1665-2530m [=w PNG: Sandaun Prov.]

**AU:** New Guinea Is.: "Papua: Dobodura" [=e PNG: Oro Prov.]; N-E. N. G., Lae; sea level; Busu R., E of Lae; 100m [=Morobe Prov.]; Neth. N. G.; West N. G.: Hollandia, Sentani, 90m; Hol Maffin near Sarmi "[=West Papua (IDN): Jayapura Dist.]

**AU:** New Guinea Is.: "West N. G.: vic. Hollandia" [=West Papua (IDN): Jayapura Dist.]; Papua: Dobodura "[=e PNG: Oro Prov.]; Morobe Prov.; ne AUS: n Qld: Cape York Pen.

**AU:** e AUS: e Qld: Kuranda; n Nte, n Wau

**AU:** PNG: New Ireland Prov.: Bismarck Archipelago: Dyaul Is.: Sumura

**AU:** ne AUS: "N. T." [=Nte:] Katherine, (ex cave)

**AU:** "Mysol" [=e IDN: W Papua Prov.: Raja Ampat Isl: Misool Is.]

**AU:** New Guinea Is.: "N-E. N. G.: Aiyura; 1900m; Okapa" [=ne PNG: Eastern Highlands Prov.]; Eliptamin Vy."; 1665-2530m [=Sandaun Prov.]; West Papua (IDN): e Manokwari Dist.

35 *unicolor* (W. J. Macleay, 1886) *Planetes*

AU: e New Guinea Is.: “Fly River” [probably PNG]: Western Prov. sn. Baehr 2005b]

*SCHUELEA* Baehr, 2004; T: *Pogonoglossus arfakensis* Baehr, 2004 (species: 3)

1 *arfakensis* (Baehr, 1987) *Pogonoglossus*

AU: New Guinea Is.: “Arfakgeb., Siwi”; 800m [=West Papua (IDN): Manokwari Dist.: Arfak Mts.]

2 *drumonti* Baehr, 2004

AU: e New Guinea Is.: PNG: Canopy mission, Madang Prov.: Baiteta

3 *monstrosa* Baehr, 2004

AU: w New Guinea Is.: West Papua (IDN): Fakfak Dist.: Mambuni-Buni

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## REFERENCES

- ALLUAUD C. 1916: Contributions à l'étude des Carabiques d'Afrique et de Madagascar (Col.) XI (1) Descriptions de quatre espèces et d'une race nouvelles de l'Afrique tropicale. *Bulletin de la Société Entomologique de France* 21: 182-185.
- ALLUAUD C. 1925: Notes sur les Carabiques (1). I. Étude des types décrits par F. Ancey. Communications. Séance du 10 juin 1925. *Bulletin de la Société Entomologique de France* 11: 175-177.
- ALLUAUD C. 1927: Notes sur les Carabiques. V. Carabidae recueillis au Jubaland par le capitaine E. H. M. Clifford. *Bulletin de la Société Entomologique de France* 1927: 186-191.
- ALLUAUD C. 1932: IV. Carabiques d'Afrique tropicale. *Afra, Cahiers d'Entomologie* 5: 18-25.
- ALLUAUD C. 1935: Carabidae recueillis à Madagascar par MM. Seyrig, G. Olsoufieff, Vadon, R. Catala, etc. *Afra, Cahiers d'Entomologie* 10: 24
- ALLUAUD C. 1936: Carabidae recueillis à Madagascar par MM. Seyrig, G. Olsoufieff, Vadon, R. Catala, etc. *Afra, Cahiers d'Entomologie* 11: 1-13.
- ALLUAUD C. 1939: Mission scientifique de l'Omo. Tome V. Zoologie. (Fascicule 42). Coleoptera. XII. Carabidae: Bembidiinae, Pogoninae, Cymbionotinae, Chlaeniinae, Pterostichinae, Graphipterinae, Anthiinae, Cyclosominae. *Mémoires du Muséum National d'Histoire Naturelle* (Paris) 9: 1-26.
- ANCEY C. F. 1881: Descriptions du Coléoptères nouveaux. *Le Naturaliste: journal des échanges et des nouvelles* 3(58): 461-462
- ANCEY C. F. 1882: Contributions à la faune de l'Afrique orientale. Descriptions du Coléoptères nouveaux. *Le Naturaliste: journal des échanges et des nouvelles* 4(7): 54-55.
- ANCEY C. F. 1886: Coléoptères d'Afrique. *Le Naturaliste: journal des échanges et des nouvelles* 8[1885](28): 224.
- ANDREWES H. E. 1919: On the types of Oriental Carabidae in the British Museum, and in the Hope Department of the Oxford University Museum. *The Transactions of the Royal Entomological Society of London* (1-2)67: 119-217.
- ANDREWES H. E. 1920: Papers on Oriental Carabidae - V. Helluonini. Genus *Macrochilus* and a new Genus. *The Annals and Magazine of Natural History* (Series 9)6: 493-506.
- ANDREWES H. E. 1924: Part 2: Systematic list and description of a new species. In: ANDREWES H. E. & SCOTT H.: A list of Carabidae from Macao, South China, with a description of a new species and biological notes. *The Annals and Magazine of Natural History* 9(13): 466-472.
- ANDREWES H. E. 1926a: Papers on Oriental Carabidae - XVI. *The Annals and Magazine of Natural History* (Series 9)17: 252-259.
- ANDREWES H. E. 1926b: Papers on Oriental Carabidae - XVII. *The Annals and Magazine of Natural History* (Series 9)18: 281.
- ANDREWES H. E. 1929a: Coleoptera, Carabidae. Vol. I. Carabinae. In: *The Fauna of British India, including Ceylon and Burma*. London: Taylor & Francis, xvii + 431 pp. + 1 pl.
- ANDREWES H. E. 1929b: Fauna Sumatrensis. Carabidae. *Tijdschrift Voor Entomologie* 72: 303-340.
- ANDREWES H. E. 1930: [Pp.: 31-32, 120, 136-147, 178, 206-208, 236-237, 282-283] In: *Catalogue of Indian Insects*. Part 18 -Carabidae. Calcutta: Government of India, Central Publication Branch, xxii + 389 pp.
- ANDREWES H. E. 1931: Some keys to Sumatran Carabidae, together with descriptions of further new species. *Zoologische Mededelingen. Uitgegeven door het Rijksmuseum van Natuurlijke Historie te Leiden* 14: 54-78.
- ANDREWES H. E. 1937a: On some new species of Carabidae, chiefly from Java (III). *Treubia* 16(1): 25-35.
- ANDREWES H. E. 1937b: On the species of *Pogonoglossus* found in Java and Sumatra (Col. Carabidae). *Bulletin de la Société entomologique de France* 42: 152-156.
- ANTICHTCHENKO A. 2009: *Anthia (Anthia) mannerheimi afghana* ssp. n. – a new subspecies from Central Afghanistan (Coleoptera: Carabidae). *Russian Entomological Journal* 18(4): 273-275.
- ARNDT E. & PAARMANN W. 1999: Natural history data and structural features of larvae of representatives of Anthiini (Coleoptera: Carabidae) with regard to their phylogenetic relationship. *Annales Zoologici (Warszawa)* 49(1/2): 100-112.
- BABAULT G. 1923: *Voyage dans l'Afrique orientale anglaise 1912-1913. Resultats scientifiques*. Paris 1916-1924.
- BAEHR M. 1987: *Pogonoglossus arfakensis* sp. nov. from New Guinea (Coleoptera, Carabidae, Helluodini). *Deutsche entomologische Zeitschrift (Neue Folge)* 34(4-5): 363-366.
- BAEHR M. 1988: Revision of the Australian species of the genus *Pogonoglossus* Chaudoir (Insecta, Coleoptera, Carabidae, Helluodinae). *Invertebrate Taxonomy* 2: 961-972.
- BAEHR M. 1993: A new species of *Pogonoglossus* Chaudoir from Australia (Insecta, Coleoptera, Carabidae, Helluodinae). *Spixiana* (Munich) 16(2): 141-144.
- BAEHR M. 1995: A peculiar new species of *Pogonoglossus* Chaudoir from New Guinea (Insecta, Coleoptera, Carabidae, Helluodinae). *Spixiana* (Munich) 18(3): 255-258.
- BAEHR M. 2004: A new genus and two new species of Physocrotaphinae from New Guinea (Insecta, Coleoptera, Carabidae). *Spixiana* (Munich) 27: 107-113.
- BAEHR M. 2005a: A new genus and three new species of helluonine beetles from Australia. *Spixiana* (Munich) 28(1): 21-32.
- BAEHR M. 2005b: Two new species of the genus *Pogonoglossus* Chaudoir from New Guinea (Coleoptera: Carabidae: Physocrotaphinae). *Bulletin de l'Institut royal des Sciences naturelles de Belgique. Entomologie* (Bruxelles). *Bulletin van het Koninklijk Belgisch Instituut voor Natuurwetenschappen Entomologie* (Brussel) 75: 5-12.
- BAEHR M. 2007: A new species of the genus *Pogonoglossus* Chaudoir from Australia (Carabidae: Physocrotaphinae). *Coleoptera* 11: 105-111.
- BAENNINGER M. 1949: Ueber Carabinae (Col.). Ergänzungen und Berichtigungen III, mit Bemerkungen zu R. Jeannels neuer Einteilung der Carabiden. *Mitteilungen der Münchner Entomologischen Gesellschaft* 35-40: 127-157.
- BALL G. E. 1951: A note concerning the correct application of the generic name *Helluomorpha* Catselnau, 1834, and proposal of a new name (Coleoptera, Carabidae, Helluonini). *Bulletin of the Brooklyn Entomological Society* 46: 135-136.
- BALL G. E. 1956: A revision of the North American species of the genus *Helluomorphoides* Ball, 1951 (Coleoptera, Carabidae, Helluonini). *Proceedings of the Entomological Society of Washington* 58(2): 67-91.

- BASILEWSKY P. 1931: Additions et rectifications aux Carabidae du „Coleopterorum Catalogus“ de M. E. Csiki. Deuxième note. *Bulletin et Annales de la Société Royale d'Entomologie de Belgique* 71: 145-149.
- BASILEWSKY P. 1943: Descriptions de coléoptères Carabidae nouveaux de l'Afrique tropicale et notes diverses sur des espèces déjà connues. *Bulletin de la Société Entomologique de France* 48: 78-80.
- BASILEWSKY P. 1946: Étude des Coléoptères Carabidae africains des collections du Naturhistoriska Riksmuseum de Stockholm. *Arkiv för Zoologi* 38A(18): 1-20.
- BASILEWSKY P. 1948: Descriptions de coléoptères Carabidae nouveaux d'Afrique et notes diverses sur des espèces déjà connues. III. *Annales de la Société entomologique de France* 53: 107-111.
- BASILEWSKY P. 1949: Coléoptères Carabidae africains nouveaux. III. *Revue de Zoologie et de Botanique Africaines* 42: 210-229.
- BASILEWSKY P. 1950: Descriptions de Coléoptères Carabidae nouveaux d'Afrique et notes diverses sur des espèces déjà connues. VI. *Bulletin de la Société Entomologique de France* 55: 78-80.
- BASILEWSKY P. 1951: Résultats de la Mission zoologique Suisse au Cameroun. Coleoptera Carabidae. *Mémoires de l'Institut Français de l'Afrique Noire, Sept. Cameroun, Sciences Naturelles* 1: 195-208.
- BASILEWSKY P. 1953a: Carabidae (Coleoptera, Adephaga). In: *Exploration du Parc National de l'Upemba Mission G. F. de Witte (1946-1949)*, fascicules 10. *Exploratie van het Nationaal Upemba Park. I. Zending G. F. de Witte en collaboration avec W. Adam, A. Janssens, L. van Meel et R. Vereheyen (1946-1949)*, aflevering 10. Bruxelles: Institut de Parcs Nationaux du Congo-Belge. Instituut den Nationale Parken van Belgisch-Kongo, x + 252 pp.
- BASILEWSKY P. 1953b: Contributions à l'étude des coléoptères carabiques de la région malgache. I. *Mémoires de l'Institut Scientifique de Madagascar* (E) 3: 53-65.
- BASILEWSKY P. 1954: La réserve naturelle intégrale du Mont Nimba. Fasc. II, XIX: Col. Carabides (2ème note). (Mission M. Lamotte et R. Roy, juillet - décembre 1951). *Mémoires de l'Institut Français de l'Afrique Noire* 40: 233-256.
- BASILEWSKY P. 1955a: Carabidae (Coleoptera) de l'Angola. *Publicações Culturais da Companhia de Diamantes de Angola* 27: 93-137.
- BASILEWSKY P. 1955b: Notes sur des Cypholobini (Col. Carabidae Anthiinae). *Bulletin de l'Institut royal des Sciences naturelles de Belgique. Entomologie* (Bruxelles). *Mededelingen van Koninklijk Belgisch Instituut voor Natuurwetenschappen* (Brussel). 31(25): 1-8.
- BASILEWSKY P. 1957: Coléoptères Carabidae africains nouveaux. VIII. *Revue de Zoologie et de Botanique Africaines* 56(1-2): 33-40.
- BASILEWSKY P. 1958: Coleoptera Carabidae. Pp.: 212-317. In: HANSTRÖM B., BRINCK P. & RUDEBECK G. (eds): *South African Animal Life, Results of the Lund University Expedition in 1950-1951. Volume V*. Stockholm: Almqvist & Wicksell, 520 pp.
- BASILEWSKY P. 1959a: Coléoptères Carabidae africains nouveaux. X. *Revue de Zoologie et de Botanique Africaines* 59(3-4): 233-242.
- BASILEWSKY P. 1959b: Le genre *Triaenogenius* Chaudoir (Col. Carabidae Helluoninae). *Revue de Zoologie et de Botanique Africaines* 60(3-4): 257-282.
- BASILEWSKY P. 1960: Sur le genre *Macrocheilus* Hope (Col. Carabidae Helluoninae). *Bulletin et Annales de la Société Royale Belge d'Entomologie* 96: 39-51.
- BASILEWSKY P. 1962a: Carabidae I. (Coleoptera Adephaga). In: *Exploration du Parc National de la Garamba. Mission H. de Saeger, 1949-1952* 29: 1-152.
- BASILEWSKY P. 1962b: Coléoptères Carabidae africains nouveaux. XIII. *Revue de Zoologie et de Botanique Africaines* 65(1-2): 149-162.
- BASILEWSKY P. 1963: Notes sur les Cypholobini (Col. Carabidae Anthiinae). II. *Bulletin et Annales de la Société Royale belge d'Entomologie* 99: 149-158. + Erratum.
- BASILEWSKY P. 1964a: Coléoptères Carabidae recueillis par Mr. C. Koch en Somalie. *Entomologische Arbeiten aus dem Museum G. Frey* (Tutzing bei München) 15: 81-90.
- BASILEWSKY P. 1964b: Notes sur les Cypholobini (Col. Carabidae Anthiinae). III. Sur les Cypholoba du groupe divisa. *Bulletin et Annales de la Société Royale Belge d'Entomologie* 100(11): 145-153.
- BASILEWSKY P. 1967: Coléoptères Carabidae africains nouveaux. XVI. *Revue de Zoologie et de Botanique Africaines* 75(3-4): 319-330.
- BASILEWSKY P. 1970: Coléoptères Carabidae africains nouveaux. XVIII. *Revue de Zoologie et de Botanique Africaines* 81(3-4): 337-348.
- BASILEWSKY P. 1971: Coléoptères Le Massif des Monts Loma (Sierra Leone). XIV. Coleoptera Carabidae. *Mémoires de l'Institut Fondamentale de l'Afrique Noire* 86: 317-342.
- BASILEWSKY P. 1980: Notes sur les Cypholobini. III [=IV]. (Coleoptera Carabidae Anthiinae). *Revue de Zoologie Africaine* 94(2): 489-503.
- BASILEWSKY P. 1983: Note sur les Cypholobini. V. (Coleoptera Carabidae Anthiinae). *Revue de Zoologie Africaine* 97(3): 563-566.
- BASILEWSKY P. 2012: Revision des Anthiinae Kolbe (Coleoptera Carabidae). Unveröffentlichtes Manuskript. In: KLEINFELD F. & PUCHNER A. (eds): *Anthiinae. Monographischer Bildatlas*. Eigenferlag, 2. Auflage, 273 pp.
- BATES H. W. 1871: Notes on Carabidae, and descriptions of new species (No. 1). *The Entomologist's Monthly Magazine* 7: 218-224.
- BATES H. W. 1878: XVII. On *Macropsebium Cotterilli* and other new species of Coleoptera from lake Nyassa. *Transactions of the Royal Entomological Society of London* 1878: 189-192.
- BATES H. W. (1881-1885): Insecta, Coleoptera, vol. 1, pt. 1. Pp: 1-40, i-ii pl. In: GODMAN F. D. & SALVIN O. (eds): *Biologia Centrali-Americana*. Taylor & Francis, London[1879-1911], 316 (1881: 1-40 pp. + i-ii pl.; 1882: 41-152 pp. + iii-v pl.; 1883: 153-255 pp. + vi-xii pl.; 1884: 256-316 pp. + xiii pl.)
- BATES H. W. 1888: Tropical African Coleoptera, chiefly from the Zanzibar Mainland (Continued from Vol. XXIII, p. 57). *The Entomologist's Monthly Magazine* 24: 200-203.
- BATES H. W. 1889: Note XXXIX. New species of the african Coleoptera (Carabidae) in the Leyden Museum. *Notes from the Leyden Museum* 11: 201-208.
- BATES H. W. 1892: Viaggio di Leonardo Fea in Birmania e region vicine. *Annali del Museo Civico di Storia Naturale di Genova* 32 (Serie 2) 12: 267-428.
- BEDEL L. 1914: [new taxa] Pp. 297-320. In: *Catalogue raisonné des Coleoptères du nord de l'Afrique. (Maroc, Algérie, Tunisie et Tripolitaine) avec notes sur la faune des Îles Canaries et de Madère, première partie*. Paris: Société Entomologique de France [1895-1925], 402 pp.
- BÉNARD G. 1919: Description d'une nouvelle espèce d'*Anthia* de la Rhodésie du Sud (Col. Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) 25: 467-468.
- BÉNARD G. 1921a: Description d'une nouvelle espèce d'*Anthia* de l'Afrique Orientale. *Bulletin de la Société Entomologique de France* 1921: 95-96.
- BÉNARD G. 1921b: Description d'une nouvelle espèce de *Polyhirma* de l'Afrique Orientale (Col. Carabidae). *Bulletin de la Société Entomologique de France* 1921: 37-38.
- BÉNARD G. 1921c: Description d'une variété nouvelle de *Polyhirma* de l'Afrique Orientale (Col. Carabidae). *Bulletin de la Société Entomologique de France* 1921: 66-67.
- BÉNARD G. 1921d: Mission Rohan-Chabot, 1914. Description d'une nouvelle espèce de *Polyhirma* de l'Angola. *Bulletin de Muséum d'histoire naturelle* (Paris) 27(7): 534.
- BÉNARD G. 1922a: Description d'une nouvelle espèce de *Polyhirma* (Col. Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) 28(1): 42-43.
- BÉNARD G. 1922b: Description d'une nouvelle espèce de *Polyhirma* de l'Afrique Orientale (Col. Carabidae). *Bulletin de la Société Entomologique de France* 1922: 166-167.
- BÉNARD G. 1922c: Mission Rohan-Chabot, 1914. Description d'e deux espèces nouvelles de *Polyhirma* et d'une nouvelle sous-espèce d'*Anthia*. *Bulletin de Muséum d'histoire naturelle* (Paris) 28(4): 280-283.
- BÉNARD G. 1923: Un nouveau Carabique de l'Afrique Orientale. *Bulletin de Muséum d'histoire naturelle* (Paris) 27(12): 567-569.
- BÉNARD G. 1923: Insectes Coléoptères, Fam. Carabidae, subf. Anthiinae. In: MÉNÉGAUX A. & BABAUT G. (eds): *Voyage de M. Guy Babault dans l'Afrique orientale anglaise et dans l'Ouganda: étude d'une collection d'oiseaux de l'Afrique orientale anglaise et de l'Ouganda. Résultats scientifiques*. Paris: [Blondel La Rougery], 34 pp, 1 pl.
- BÉNARD G. 1924: Description d'une nouvelle espèce de *Polyhirma* de l'Erythrée italienne (Col. Carabidae). *Bulletin de la Société Entomologique de France* 29: 52-53.
- BÉNARD G. 1925a: Coléoptères Carabidae de la tribu Anthiini. Pp.: 17-26. In: ROHAN-CHABOT J. DE (ed.): *Extrait de la mission Rohan Chabot, Tome IV, Histoire naturelle, fascicule 3, Insectes (coléoptères et hyménoptères). Arachnides. Mollusques. Fougères* [Texte imprimé]: *Angola et Rhodesia (1912-1914): sous les auspices du Ministère de l'Instruction publique et de la société de géographie*, Paris: Impimerie nationale, 246 pp.

- BÉNARD G. 1925b: Description d'une nouvelle espèce de *Polyhirma* de l'Afrique Orientale (Col. Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) 31(1): 70-71.
- BÉNARD G. 1925c: Description d'une nouvelle espèce de *Polyhirma* du Congo français. (Col. Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) 31(6): 429-430.
- BÉNARD G. 1926a: Description d'une nouvelle espèce de *Polyhirma* (Col. Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) 32(6): 352-353.
- BÉNARD G. 1926b: Description d'une nouvelle espèce de *Polyhirma* de l'Afrique du Sud. Encyclopédie Entomologique. Série B. Mémoires et Notes. I. Coleoptera. *Études sur les insectes coléoptères. Tome I.* Fasc. 4: 173-174.
- BÉNARD G. 1927: Description d'une nouvelle espèce de *Polyhirma* du Congo Belge, Bassin du Kassai (Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) 52: 369-370.
- BÉNARD G. 1929a: Description d'une nouvelle espèce d'*Anthia* de l'Ouganda (Col. Carabidae) *Bulletin de Muséum d'histoire naturelle* (Paris) (Serie 2) 11(6): 383
- BÉNARD G. 1929b: Nouvelle sous-espèce d'*Anthia* de l'Australie. P.: 181. In: *Coleoptera. 1929. Recueil d'études sur les Coléoptères du Globe. Vol. 3* (last volume published). 196 pp + 5 pl.
- BÉNARD G. 1930: Description d'une nouvelle espèce de *Polyhirma* de l'Afrique Orientale anglaise (Col. Carabidae). *Bulletin de Muséum d'histoire naturelle* (Paris) (Serie 2) 11(6): 630-631.
- BERTOLONI G. 1845: [Rendiconto delle Sessioni dell'Accademia delle Scienze dell'Istituto di Bologna]. *Nuovi Annali delle Scienze Naturali e Rendiconto.* Serie II. Tomo IV.: 416-420.
- BERTOLONI G. 1847: [new taxa] Pp.: 489-490. Riunione del Giorno 23 Settembre I. *Atti della Ottava Riunione degli Scienziati Italiani: tenuta in Genova*, Genova: Tipografia Fernando, 963 pp.
- BERTOLONI G. 1849a: Illustratio rerum naturalium Mozambici. Dissertatio I. De Coleopteris. *Novi Commentarii Academiae Scientiarum Institutii Bononiensis* 10: 381-397.
- BERTOLONI G. 1849b: Illustratio rerum naturalium Mozambici. Dissertatio II. De Coleopteris. *Novi Commentarii Academiae Scientiarum Institutii Bononiensis* 10: 407-423.
- BERTOLONI G. 1857: Illustrazione dei prodotti naturali del Mozambico. Disertazione VI. interno ad Insetti Coleotteri. *Memorie della Reale Accademia delle Scienze dell'Istituto di Bologna, Classe di Scienze Fisiche* 8: 297-321.
- BLACKBURN T. 1892: Scientific results of the Elder Exploring Expedition: Coleoptera. *Transactions of the Royal Society of South Australia* 16: 16-61.
- BLACKBURN T. 1901a: Further notes on Australian Coleoptera, with descriptions of new genera and species. XXVIII. *Transactions of the Royal Society of South Australia* 25: 15-44.
- BLACKBURN T. 1901b: Further notes on Australian Coleoptera, with descriptions of new genera and species. XXIX. *Transactions of the Royal Society of South Australia* 25: 99-131.
- BODEMEYER B. v. 1931: *Ueber meine Entomologische Reisen. Bd. III. Tunis, Oasis Gafsa und die Khroumerie.* Stuttgart: A. Kernen, 72 pp. + 2 pl.
- BOHEMAN C. H. 1848: *Insecta Caffraria annis 1838-1845 a J. A. Wahlberg collecta amici auxillio suffultus. Pars I, Fasc. I. (Carabici, Hydrocanthari, Gyrinii et Staphylini).* Holmiae: Ex Officina Norstedtiana, viii + 297 pp. + 2 pl.
- BOHEMAN C. H. 1860: Coleoptera samlade af J. A. Wahlberg i Syd-Vestra Afrika. *Öfversigt af Kongl. Vetenskaps-Akademiens förhandlingar. Sjuttonde Årgången* 17: 3-22.
- BONELLI F. A. 1810: *Observations entomologiques. Première partie (cicindélètes et portion des carabiques)* [with the 'Tabula synoptica exhibens genera carabiorum in sectiones et stirpes disposita']. Turin. 58 pp. + 1 table. [Reissued in 1812 in: *Memoire della Reale Accademia della Scienze di Torino* 18: 21-78.]
- BONELLI F. A. 1813: Observations entomologiques. Deuxième partie. *Memoire della Reale Accademia della Scienze di Torino* 20: 433-484.
- BOUCHARD J. 1903: Contribution à l'étude des Carabiques de Sumatra. *Annales de la Société entomologique de France* 72: 177-180.
- BOUSQUET Y. 1987: Description of the larva of *Helluomorphoides praeustus bicolor* Harris with comments on the relationships of the Helluonini (Coleoptera, Carabidae). *The Canadian Entomologist* 119(10): 921-930.
- BOUSQUET Y. 2003: Anthiini. P. 347. In: LÖBL I. & SMETANA A. (eds): *Catalogue of Palearctic Coleoptera.* Vol. 1. Stenstrup: Apollo Books, 819 pp.
- BOUSQUET Y. 2012: Catalogue of Geadephaga (Coleoptera, Adephaga) of America, north of Mexico. *ZooKeys* 245: 1-1722.
- BOUSQUET Y. & LAROCHELLE A. 1993: Catalogue of the Geadephaga (Coleoptera: Trachypachidae, Rhysodidae, Carabidae including Cicindelini) of America North of Mexico. *Memoirs of the Entomological Society of Canada* 167: 1-397.
- BRANCSIK K. 1897: Coleoptera africana nova. *Jahresheft des Naturwissenschaftlichen Vereins des Trencsiner Komitats* 19: 108-131.
- BRÈME DE M. 1844: Insectes nouveaux ou peu connus. Première et deuxième décades. (Séance du 21 Février 1844). *Annales de la Société Entomologique de France* (Series 2) 2[1844]: 287-313.
- BRUCH C. 1910: Catálogo sistemático de los coleópteros de la República Argentina. I. *Revista del Museo de la Plata* 17: 143-166.
- BRULLÉ G. A. 1838: Voyage dans l'Amérique méridionale recueillis par Alcide d'Orbigny. Insectes Coléoptères. Tribu Carabiques. Famille des Chlœniens. Pp. 51-54. In: D'ORBIGNY A. D.(ed.): *Voyage dans l'Amérique méridionale (Le Brésil, la République orientale de l'Uruguay, La République Argentine, La Patagonie, La République du Chili, La République de Bolivie, La République de Pérou), exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833. Tome sixième. 2.º partie. Insectes.* Paris: P. Bertrand; Strasbourg: V. Levrault [1837-1843], lii + 222 pp.
- BUQUET L. 1835: Description de quelques Coléoptères nouveaux, de la famille des Carabiques, appartenant aux genres Colliuris, Latr.; Diaphorus, Dejean; Agra, Fabr.; Cymindis Latr.; Calleida, Dej.; Lebia, Latr.; Coptodera Dej.; Helluo et Anchonemus, Bonelli. *Annales de la Société Entomologique de France* 4: 603-619.
- BURGEON L. 1929: Les Anthiinae du Musée du Congo. *Revue de Zoologie et de Botanique Africaines* 18(1): 46-55.
- BURGEON L. 1935a: Catalogues Raisonnés de la Faune Entomologique Du Congo Belge. Tome II. - Fascicule 3., Coléoptères, Carabides (Deuxm. pt.). *Annales Du Musée Du Congo Belge. Zoologie.* Série III (Tervuren) 1935: 121-259.
- BURGEON L. 1935b: Carabidae récoltés par la Mission Scientifique Suisse en Angola. *Revue de Zoologie et de Botanique Africaines* 27(4): 380-394.
- BURGEON L. 1937: Catalogues Raisonnés de la Faune Entomologique Du Congo Belge. Tome II. - Fascicule 5., Coléoptères, Carabides. (Troissm. pt.). *Annales Du Musée Du Congo Belge (Tervuren) Zoologie.* Série III (Tervuren) 1935: 315-392.
- CALLIAUD F. 1823: *Voyage à Meroé, au fleuve blanc, au-delà de Fazoql dans le midi du royaume de Sennâr, à Syouah et dans cinq autres oasis, Tome I: Fait dans les années 1819, 1820, 1821 et 1822. Tome II [Atlas].* Paris: publié par l'auteur, rédigé par le même et par. M. Jomard, planche lviii.
- CALLIAUD F. 1827: Description des Insectes. Figurés sur la pl. LVIII du Tom. II, recueillis par M. Calliaud, et décrits par M. Latreille. Pp. 271-292. In: *Voyage à Meroé, au fleuve blanc, au-delà de Fazoql dans le midi du royaume de Sennâr, à Syouah et dans cinq autres oasis, Tome I: Fait dans les années 1819, 1820, 1821 et 1822. Tome quatrième.* Paris: Debure, 4 + 22 pp. +1 pl.
- CASEY T. L. 1913: Studies in the Cicindelidae and Carabidae of America. *Memoirs on the Coleoptera* 4: 1-192.
- CHAUDOIR M. DE 1842: Catalogue des carabiques recueillis dans la province de Mazendéran, près d'Astrabat par Mr de Karéline. *Bulletin de la Société Impériale des Naturalistes de Moscou* 15: 801-831.
- CHAUDOIR M. DE 1843: Carabiques nouveaux. *Bulletin de la Société Impériale des Naturalistes de Moscou* 16: 671-791.
- CHAUDOIR M. DE 1844: Trois mémoires sur la famille des Carabiques. *Bulletin de la Société Impériale des Naturalistes de Moscou* 17: 415-479.
- CHAUDOIR M. DE 1848: Mémoire sur la famille des Carabiques (1<sup>er</sup> partie.). *Bulletin de la Société Impériale des Naturalistes de Moscou* 21(1): 2-131.
- CHAUDOIR M. DE 1850: Mémoire sur la famille des Carabiques (2<sup>e</sup> partie, cont.). *Bulletin de la Société Impériale des Naturalistes de Moscou* 23(1): 3-85.
- CHAUDOIR M. DE 1854: Mémoire sur la famille des Carabiques. *Bulletin de la Société Impériale des Naturalistes de Moscou* 27(1): 112-144, 27(2): 279-352.
- CHAUDOIR M. DE 1861: Matériaux pour servir à l'étude des cicindélètes et des carabiques. (Continuation). *Bulletin de la Société Impériale des Naturalistes de Moscou* 34(2): 491-576.

- CHAUDOIR M. DE 1862: Matériaux pour servir à l'étude des cicindélètes et des carabiques. 3<sup>e</sup> partie. *Bulletin de la Société Impériale des Naturalistes de Moscou* 35(4): 275-320.
- CHAUDOIR M. DE 1866: Description d'une *Anthia* inédite et de quatre nouvelles *Polyhirma*. *Revue et Magasin de Zoologie Pure et Appliquée* (Serie 2) 18: 70-73.
- CHAUDOIR M. DE 1869a: Descriptions de Cicindélètes et Carabiques nouveaux *Revue et magasin de zoologie pure et appliquée* 20(series 2): 170-173.
- CHAUDOIR M. DE 1869b: [new taxa] P.: lxxvi. In: *Bulletin entomologique*. (Séance du 26 Août 1868). *Annales de la Société Entomologique de France* 8/2(Serie 4): lxxvi-lxxx.
- CHAUDOIR M. DE 1872: Description d'espèces nouvelles de Carabiques de la tribu des Truncatipennes, et remarques synonymiques. *Revue et Magasin de Zoologie Pure et Appliquée* (Serie 2) 23: 138-143, 168-172, 212-221.
- CHAUDOIR M. DE 1876: Catalogue des Cicindélètes et des Carabiques recueillis par Mr. Achille Raffray en Abyssinie, avec la description des espèces nouvelles. *Revue et Magasin de Zoologie Pure et Appliquée* (Serie 3) 4: 329-388.
- CHAUDOIR M. DE 1877: Genres nouveaux et espèces inédites de la famille des Carabiques. *Bulletin de la Société Impériale des Naturalistes de Moscou* 52(2): 188-268.
- CHAUDOIR M. DE 1878: Enumération des des Cicindélètes et des Carabiques recueillis par Mr. Achille Raffray dans les îles de Zanzibar et de Pemba. Ainsi qu'à Bagamoyo, Mombaze, et sur les montagnes de Schimba avec la description des espèces nouvelles. *Revue et Magasin de Zoologie Pure et Appliquée* (Serie 3) 6: 175-194.
- CHAUDOIR M. DE 1883: Description de Carabiques nouveaux. Pp. 17-39. In: OBERTHÜR R.(ed.): *Coleopterorum novitates: Recueil spécialement consacré à l'étude des Coléoptères. Tom. I, livr. I*. Rennes: Oberthür, 48 pp. + 2 pl.
- CHEVROLAT L. A. A. 1854: Coléoptères de Syrie. *Revue et Magasin de Zoologie Pure et Appliquée* 6(Serie 2): 389-396.
- CHEVROLAT L. A. A. 1858: Description de deux Carabiques nouveaux. *Revue et Magasin de Zoologie Pure et Appliquée* 10(Serie 2): 484-485.
- CSIKI E. 1932: CARABIDAE III: Harpalinae II. (Pars 124). Pp. 1279-1598. In: SCHENKLING S. (ed.): *Coleopterorum Catalogus auspiciis et auxilio W. Junk, Volumen III*. Berlin: W. Junk, 1023-1933 pp.
- CROTCH G. R. 1871: *List of all the Coleoptera described A. D. 1758-1821, referred to their modern genera*. Cambridge: Privately published, 24 pp.
- DARLINGTON P. J. JR. 1934: New West Indian Carabidae, with a list of the Cuban species. *Psyche* 41: 66-131.
- DARLINGTON P. J. JR. 1968: The carabid beetles of New Guinea. Part III. Harpalinae (continued). *Bulletin of the Museum of Comparative Zoology* (Harvard) 137: 1-253.
- DARLINGTON P. J. JR. 1971: The carabid beetles of New Guinea. Part IV. General considerations; analysis and history of fauna; taxonomic supplement. *Bulletin of the Museum of Comparative Zoology* (Harvard) 142: 129-337.
- DECKEN C. C. VON DER 1879: *Baron Carl Claus Von Der Decken's Reisen in Ost-Afrika in Den Jahren 1859 Bis 1865. Hrsg. Im Auftrage der Mutter des Reisenden, Fürstin Adelheid von Pless. Dritter Band. 2. Abteilung Gliederthiere (Insecten, Archniden, Myriopoden und Isopoden) von A. Gerstaecker*. Leipzig und Heidelberg: C. F. Winter [1869-1879], 4 v. In 6., 410 pp.
- DEGEER C. 1778: *Mémoires pour servir à l'histoire des insectes*. Tome septième. Stockholm: P. Hesselberg, 950 pp. + 49 pl.
- DEJEAN P. F. M. A. 1821: *Catalogue de la collection de coléoptères de M. le Baron Dejean*. Paris: Crevot: viii + 136 pp.
- DEJEAN P. F. M. A. 1825: *Species général des coléoptères, de la collection de M. le Comte Dejean. Tome premier*. Paris: Crevot: xxx + 463 pp.
- DEJEAN P. F. M. A. 1826: *Species général des coléoptères, de la collection de M. le Comte Dejean. Tome second*. Paris: Crevot: viii + 501 pp.
- DEJEAN P. F. M. A. 1830: [new taxa, pp: 254, 270]. In: DEJEAN P. F. M. A. & BOISDUVAL J. B. A.: *Iconographie et histoire naturelle des coléoptères d'Europe. Tome second*. Livraisons 4-12. Paris: Méquignon-Marvis: 113-400 pp. + 16- 60 pl.
- DEJEAN P. F. M. A. 1831: *Species général des coléoptères, de la collection de M. le Comte Dejean. Tome cinquième*. Paris: Méquignon-Marvis, viii + 883 pp.
- DOHRN C. A. 1881: Exotisches. *Entomologische Zeitung* (Stettin) 42: 309-331
- DOHRN C. A. 1882: Exotisches. *Entomologische Zeitung* (Stettin) 43: 245-259, 363-368.
- DOHRN C. A. 1883: Exotisches. *Entomologische Zeitung* (Stettin) 44: 278-284, 357-364.
- DOHRN C. A. 1887: Ueber einige Bertoloni'sche Käfer aus Mossambik in Museum von Bologna. *Entomologische Zeitung* (Stettin) 48: 171-174.
- EMDEN F. I. VAN 1937: Einige Carabidae von den Salomo- und Sta. Cruz- Inseln, den Neuen Hebriden sowie Neu-Guinea. *Entomologische Zeitung* (Stettin) 98: 44.
- ENDRÖDY-YOUNGA S. 1978: Coleoptera. Pp.: 799-821. In: WERGER M. J. A. & VAN BRUGGEN A. C. (eds): *Biogeography and Ecology of Southern Africa*. The Hague: W. Junk, xv + 1439 pp.
- ERBELING L. 1987: Thermal ecology of the desert carabid beetle *Thermophilum (Anthia) sexmaculatum* F. (Coleoptera. Carabidae). *Acta phytopathologica et entomologica hungarica* 22(1-4): 119-133.
- ERBELING L. & PAARMANN W. 1985: Diel activity patterns of the desert carabid beetle *Thermophilum (Anthia) sexmaculatum* F. (Coleoptera. Carabidae). *Journal of Arid Environments* 8(2):141-155.
- ERICHSON W. F. 1843: Beitrag zur Insecten-Fauna von Angola. *Archiv für Naturgeschichte* 9(1-2): 199-266.
- FABRICIUS J. C. 1775: *Systema entomologiae, sistens insectorum classes, ordines, genera, species, adiectis synonymis, locis, descriptionibus, observationibus*. Flensburgi et Lipsiae: Libraria Kortii, xxxii + 832 pp.
- FABRICIUS J. C. 1781: *Species Insectorum inhibentes eorum differentias specificas, synonyma, auctorum, loca natalia, metamorphosim adiectis observationibus, descriptionibus*. Tomus I. Hamburg et Kilonii: C. E. Bohn, vii + 522 pp.
- FABRICIUS J. C. 1787: *Mantissa insectorum sistens eorum species nuper detectas adiectis characteribus genericis, differentiis specificis, emendationibus, observationibus*. Tom. I. Hafniae: C. G. Proft, xx + 348 pp.
- FABRICIUS J. C. 1792: *Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species, adiectis synonymis, locis, observationibus, descriptionibus*. Tomus I. Pars I. Hafniae: C. G. Proft, xx + 330 pp.
- FABRICIUS J. C. 1794: *Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species, adiectis synonymis, locis, observationibus, descriptionibus*. Tom. IV. Hafniae: C. G. Proft, [6] + 472 + [5] pp.
- FABRICIUS J. C. 1801: *Systema Eleutheratorum secundum ordines, genera, species adiectis synonymis, locis, observationibus, descriptionibus*. Kiliae: Bibliopol. Acad. Vol. 1 xxiv + 506 pp.
- FAIRMAIRE L. M. H. 1881: Diagnoses de Coléoptères de Mélanésie. *Le Naturaliste: journal des échanges et des nouvelles* 3(48): 381-382.
- FAIRMAIRE L. M. H. 1882a: Assemblée mensuelle du 4 mars 1882. Rapports, lectures, communications. *Bulletin ou comptes rendus des séances de la Société entomologique de Belgique* 1882(Serie 3)16: xliii-lx.
- FAIRMAIRE L. M. H. 1882b: Coléoptères recueillis par M. G. Révoil chez les Çomalis descriptions par M. L. Fairmaire, V. Lansberge et Bourgeois. [Carabidae]. Pp.: 8-11. In: RÉVOIL G.: *Mision G. Révoil aux pays Çomalis. Faune et Flore. (Afrique Oriental)*. Paris: Imprimerie de J. Tremblay, 104 pp.
- FAIRMAIRE L. M. H. 1883: Essai sur les Coléoptères de l'Archipel de la Nouvelle-Bretagne. Séance du 6. janvier 1883. *Annales de la Société Entomologique de Belgique* 27: 1-58.
- FAIRMAIRE L. M. H. 1884: Diagnoses de Coléoptères de l'Afrique orientale. *Comptes-Rendu des Séances de la Société entomologique de Belgique* 28: lxx-lxxviii.
- FAIRMAIRE L. M. H. 1887: Coléoptères des voyages de M. G. Révoil chez les Somalis et dans l'interieur de Zanguébar. *Annales de la Société Entomologique de France* (Series 6) 7[1887]: 69-186.
- FAIRMAIRE L. M. H. 1891a: Notes sur quelques Coléoptères de l'Afrique intertropicale et descriptions d'espèces nouvelles. Une planche. Séance du 28 marc 1888. *Annales de la Société Entomologique de France* 60: 231-274.
- FAIRMAIRE L. M. H. 1891b: Coléoptères de l'Afrique orientale. *Comptes-Rendu de la Séance de la Société entomologique de Belgique* 35: cclxxix-cccvii.
- FAIRMAIRE L. M. H. 1892a: Coléoptères d'Obock. Troisième partie. *Revue d'Entomologie* 11: 77-127.
- FAIRMAIRE L. M. H. 1892b: Descriptions de quelques Coléoptères de Madagascar. Séance du 22 juin 1892. *Bulletin des séances et bulletin bibliographique de la Société Entomologique de France* 1892: cli-clv.
- FAIRMAIRE L. M. H. 1893: Notes sur les Coléoptères du Choa *Annales de la Société Entomologique de Belgique* 37: 9-65.



- FAIRMAIRE L. M. H. 1899b: Matériaux pour la Faune coléoptérique de la région Malgache. 9<sup>e</sup>. note. *Annales de la Société Entomologique de France* 43: 466-507.
- FAIRMAIRE L. M. H. 1901. Matériaux pour la Faune coléoptérique de la région Malgache. 11<sup>e</sup>. note. *Revue d'Entomologie* 20: 101-248
- FELIX R. F. F. L. & MUILWIJK J. 2007: A new *Macrocheilus* Hope, 1838 from Yemen (Coleoptera, Carabidae). *Boletín Sociedad Entomológica Aragonesa* 41: 83-86.
- FELIX R. F. F. L. 2009: Order Coleoptera, family Carabidae. Pp. 66-141. In: VAN HARTEN A. (ed.): *Arthropod fauna of the UAE*. Abu Dhabi: Dar Al Umah Printing, Publishing, Distribution & Advertising, 786 pp.
- FERREIRA M. C. 1965: Catálogo dos Coleópteros de Angola. *Revista de Entomologia de Moçambique* 8(2): 415-1317.
- FERREIRA M. C. 1966: Catálogo dos Coleópteros de Moçambique. *Revista de Entomologia de Moçambique* 6(1) [1963]: 1-532, (2)[1966]: 533-1008.
- FISCHER G. 1806: Nouvelles espèces d'Insectes de la Russie. *Mémoires de la Société des Naturalistes de l'Université Impériale de Moscou* 1: 12-22.
- GEMMINGER M. & HAROLD E. VON 1868: *Catalogus Coleopterorum hucusque descriptorum synonymicus et systematicus autoribus. Cicindelidae, Carabidae*. Monachii: E. H. Gummi Vol. 1 xxxvi + 424 + 8 unnn. pp.
- GERMAR E. F. 1848: Beiträge auf Insektenfauna von Adelaide. *Linnaea Entomologica* 3: 153-247.
- GERSTAECKER A. 1867: Beitrag zur Insekten-Fauna von Zanzibar, nach dem während der Expedition des Barons v. d. Decken gesammelten Material zusammengestellt. *Archiv für Naturgeschichte* 33(1): 1-50.
- GERSTAECKER A. 1873: *Die Gliederthier-Fauna des Sansibar-Gebietes. Nach dem von Dr. O. Kersten während der v. d. Decken'schen Ost-Afrikanischen Expedition im Jahre 1862 und von C. Cooke auf der Insel Sansibar im Jahre 1864 gesammelten Material*. Leipzig und Heidelberg: C. F. Winter, 542 pp.
- GERSTAECKER A. 1884: Bestimmung der vor Herrn Dr. G. A. Fischer während seiner Reise nach dem Massai-Land gesammelten Coleopteren. *Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten* 1[1883]: 41-63.
- GESTRO R. 1875: Note sopra alcuni Carabici appartenenti al Museo Civico di Genova con descrizione di specie nuove. *Annali del Museo Civico di Storia Naturale 'Giacomo Doria'* (Serie 1) 7(2): 850-894.
- GESTRO R. 1881: Spedizione italiana nell' Africa equatoriale. Risultati zoologici. Diagnosi di nuove specie di coleotteri. *Annali del Museo Civico di Storia Naturale di Genova* (Serie 1) 16[1880-1881]: 200-205.
- GESTRO R. 1889: Viaggio ad Assab nel Mar Rosso, dei signori G. Doria ed O. Beccari noc il R. Avviso "Esploratore" dal 16 Novembre 1879 al 26 Febbraio 1880. IV. Coleotteri. *Annali del Museo Civico di Storia Naturale di Genova* (Serie 1) 27[1889-1890]: 5-72.
- GESTRO R. 1892: Di alcuni coleotteri raccolti nel paese dei Somali dall' Ino. Bricchetti Robecchi. *Annali del Museo Civico di Storia Naturale di Genova* 32 (Serie 2) 12: 747-790.
- GESTRO R. 1895: Esplorazione del Giuba e dei suoi affluenti compiuta dal Cap. V. Bottego durante gli anni 1892-93 sotto gli auspicii della Società Geografica Italiana. Risultati Zoologici. XVI. Coleotteri. *Annali del Museo Civico di Storia Naturale di Genova* 35 (Serie 2) 15: 247-478.
- GISTEL J. N. F. X. 1838: *Systema insectorum secundum classes, ordines, genera, species, cum characteribus, synonymis, annotationibus, locis et iconibus. Tomus I. Fasciculus II*. Bernae: Jenni, pp. 65-132.
- GISTEL J. N. F. X. 1857: *Achthundert und zwanzig neue oder unbeschriebene wirbellose Thiere*. Straubing: Schorner, 94 pp.
- GORY M. 1832: [new taxa] Pl.: VI [1831]. In: *Magasin de Zoologie 2. Seconde partie*. Paris: Lequien Fils Libraire, 88 pp + 55 pl.
- GORY M. 1833: Centurie de carabiques nouveaux (Séance du 5. décembre 1832). *Annales de la Société Entomologique de France* 2[1833]: 168-247.
- GORY M. 1836: Description de deux Coléoptères nouveaux (Séance du 2 septembre 1835). *Annales de la Société Entomologique de France* 5: 209-211.
- GORY M. 1839: Note sur la monographie des *Anthia* et description d'une nouvelle espèce de ce genre. *Magasin de Zoologie, d'Anatomie comparée et de paléontologie* (Series 2)[1839]: 1-7 + 14-16 pl.
- GRAY G. R. 1832: Supplement on the Carnivorous family of the order Coleoptera. Pp.: 254-287. In: GRIFFITH E. & PIDGEON E. (eds): *The Animal Kingdom arranged in conformity with its organization, by the Baron Cuvier, member of the institute of France, &c. &c. &c. with supplementary additions to each other. Insects, vol. 14*. London: Whitaker, Treacher & Co., 570 pp.
- GUÉRIN-MÉNÉVILLE M. F. E. 1840: Coléoptères nouveaux du Plateau des Neelgherries dans les Indes Orientales, découvertes par M. Adolphe Delessert. *Revue Zoologique* 1840: 37-42.
- GUÉRIN-MÉNÉVILLE M. F. E. 1843: Animaux articulées. Pp. 33-98 + pl. 11-27. In: DELESSERT A. (ed.): *Souvenirs d'un voyage dans l'Inde exécuté de 1834 à 1839*. Paris: Fortin, Masson & Co. [4] + 107 pp.
- GUÉRIN-MÉNÉVILLE M. F. E. 1845: Description de quelques Insectes les plus remarquables du Pays de Boshimans, des Ama-Zoulous, des Massilicatz et du Port-Natal. *Revue et Magasin de Zoologie Pure et Appliquée* 8: 283-286.
- GUÉRIN-MÉNÉVILLE M. F. E. 1847: Voyage en Abyssinie, de M. Théophile Lefebvre. – Insectes. *Revue Zoologique par la Société Cuvierienne* 10: 49-52.
- GUÉRIN-MÉNÉVILLE M. F. E. 1849: Insectes. Ordre de Coléoptères. Pp.: 239-398+12 pl. In: LEFEVBRE C. T. (ED.): *Voyage en Abyssinie exécuté pendant les années 1839, 1840, 1841 1842, 1843 par une commission composé de MM. Theophile Lefebvre., Petit et Quartin-Dillon, Vignaud. Publié par ordre du Gouvernement. Quatrième Partie. Histoire naturelle – par MM. O. des Murs, Florent Prévost, Guichenot et Guérin Méneville. Zoologie. Tome sixième*. Paris: Bertrand, 398 pp.
- GUÉRIN-MÉNÉVILLE M. F. E. 1852: Analyses d'ouvrages nouveaux. Méthuen; Life in the Wildness or Wonderings in south Africa. *Revue et Magasin de Zoologie Pure et Appliquée* 4(2.série): 204-205.
- HAROLD E. VON 1878: Diagnosen neuer Coleopteren aus dem innern Afrika. *Mittheilungen des Münchener Entomologischen Vereins* 2: 99-111.
- HAROLD E. VON 1879a: Bericht über die von den Herren A. von Homeyer und P. Pogge in Angola und im Lunda-Reiche gesammelten Käfer. *Coleopterologische Hefte* 16: 1-221.
- HAROLD E. VON 1879b: Beschreibungen neuer Coleopteren, vorzüglich aus der Sammlungen des Hrn. J. M. Hildebrandt in Ostafrika, bearbeitet von Hrn. Fhrn. *Monatsberichte der Königlichen Preussische Akademie des Wissenschaften zu Berlin* 1879[1878]: 210-222.
- HAROLD E. VON 1881: Beschreibungen neuer, auf seiner, von der Akademie unterstützen Reise in Ostafrika, vorzüglich in den Districten von Taita und Ukamba auf einer Tour von Mombassa nach dem Kenia, von Hrn. J. M. Hildebrandt gesammelter Coleopteren. *Monatsberichte der Königlichen Preussische Akademie des Wissenschaften zu Berlin*[1880]: 260-270.
- HARRIS T. W. 1828: Contributions to Entomology. No II. *New England Farmer* 7 [1828-1829]: 117-118.
- HARTEN A. VAN & WAGENER B. 1994: *Terrestrial Arthropods of the Republic of Yemen, a checklist*. Sana'a: Yemeni German Plant Protection Project, 147 pp.
- HAVA J. & HOVORKA O. 2007: Contribution to the knowledge of the genus *Atractonotus* Perroud, 1846. *Veröffentlichungen des Naturkundemuseums Erfurt* 26: 229-232.
- HELLE K. M. 1900: Neue Käfer von Celebes IV. *Abhandlungen und Berichte Königlichen Zoologischen und Anthropologisch-Ethnographischen Museums zu Dresden* 9(5): 1-46.
- HELLER K. M. 1916: Philippinische Käfer, gesammelt von Prof. C. Fuller-Baker, Los Baños. *Deutsche Entomologische Zeitschrift* 30: 269-311.
- HELLER K. M. 1923: Some new Malayan Carabidae. *The Philippine Journal of Science* 23: 295-305.
- HEYDEN L. VON & KRAATZ G. 1883: Käfer aus Tekke-Turcmenien. *Deutsche entomologische Zeitschrift* 27: 354-360.
- HEYNE A. & TASCHENBERG O. 1908: [new taxa] Pp.:17-18. *Die Exotischen Käfer in Wort und Bild*. Esslingen und München: J. F. Schreiber, 524 pp.
- HOPE F. W. 1832: [new taxa] Pp.: 270-271. In: GRAY G.: Supplement on the Carnivorous family of the order Coleoptera. Pp.: 254-287. In: GRIFFITH E. & PIDGEON E. (eds): *The Animal Kingdom arranged in conformity with its organization, by the Baron Cuvier, member of the institute of France, &c. &c. &c. with supplementary additions to each other. Insects, vol. 14*. London: Whitaker, Treacher & Co., 570 pp.
- HOPE F. W. 1838: [new taxa]. Pp.: 158-168. In: *The Coleopterist's Manual, part the second containing the predaceous land and water beetles of Linneus and Fabricius*. London: H. G. Bohn, xvi + 168 pp. + 3 pl.
- HOPE F. W. 1842: Observations on the Coleoptera of Port Essington, in Australia with descriptions of the following new species, Proceedings of the Entomological Society, November 1, 1841. *Annals and Magazine of Natural History* 9: 422-430.
- HORN G. H. 1881: On the genera of Carabidae with special reference to the fauna of boreal America. *Transactions of the American Entomological Society* 9: 91-196.

- HÚRKA K. 2003: Tribe Helliuonini. P. 407. In: LÖBL I. & SMETANA A. (eds): *Catalogue of Palearctic Coleoptera*. Vol. 1. Stenstrup: Apollo Books, 819 pp.
- IRISH J. 1994: The Biomes of Namibia, as determined by objective categorisation. *Navorsing van die Nasionale Museum* (Bloemfontein) 10(13): 549-592.
- JEANNEL R. 1949: *Faune de l'empire Français. XI. Coléoptères carabiques de la région malgache* (troisième partie). Paris: Libraire Larose, pp. 766-1146.
- JAKOBSON G. G. 1906: Fasc.1-3: pp. 1-240. In: *Zhuki Rossi i Zapadnoi Evropy*. Sankt-Petersburg: A. F. Devrien, 1024 pp. + lxxxiii pl.
- JEDLIČKA A. 1941: *Versuch eine Monographie der pal. Carabiden-Gattungen mit abgesetzten Flügeldecken (Truncatipennen) mit Berücksichtigung der indischen Fauna*. Praha: A. Jedlička, 27 pp.
- JEDLIČKA A. 1963a: Monographie der Truncatipennen aus Ostasien. Lebiinae – Odacanthinae – Brachyninae (Coleoptera, Carabidae). *Entomologische Abhandlungen und Berichte aus dem Staatlichen Museum für Tierkunde in Dresden* 28: 269-579.
- JEDLIČKA A. 1963b: Neue Carabiden aus Pakistan aus der Sammlung des Bayerischen Staates in München (Col.). *Opuscula Zoologica* 68: 1-9.
- JONG DE C. 1944: Over *Hoplocerambyx longicollis* Voet en *Anthia decemguttatus* L., ab. *aboguttatus* De Geer. *Tijdschrift voor entomologie* 87: 15.
- KIRBY W. 1817: A Century of Insects, including several new Genera described from his Cabinet. *Transactions of the Linnean Society of London* 12: 375-453.
- KLEINFELD F. & PUCHNER A. 2012: *Anthiinae. Monographischer Bildatlas*. Eigenferlag, 2. Auflage., 273 pp.
- KLUG J. C. F. 1832: *Decas tertia*. Sheets a-f, pl. xxii. In: HEMPRICH F. G. & EHRENBERG C. G. (eds): *Symbolae Physicae. Icones et descriptiones insectorum, quae ex itinere per Africam borealem et Asiam occidentalem Friderici Guilelmi Hemprich et Christiani Godofred Ehrenberg studio aut illustratae redierum*. Berlin: Mittler, 42 unnn. sheets + 50 pl.
- KLUG J. C. F. 1833: Bericht über eine auf Madagascar veranstaltete Sammlung von Insecten aus der Ordnung Coleoptera *Abhandlungen der Königlich Akademie der Wissenschaften zu Berlin* 1832-33(1): 91-223.
- KLUG J. C. F. 1834: Uebersicht der der Carabici der Sammlung. Pp. 68-77. In: KLUG F. (ed.): *Jahrbücher der Insektenkunde, mit besonderer Rücksicht auf die Sammlung in Königlich Museum zu Berlin. Erster Band*. Berlin: Th. Ch. F. Enslin, 396 pp. + 2 pl.
- KLUG J. C. F. 1853: Uebersicht der von Herrn Dr. Peter während seines Aufenthaltes in Mosambik veranstalteten entomologischen Sammlungen. *Monatsberichte der Königlich preussischen Akademie der Wissenschaften zu Berlin* 1853: 160-250, 244-250.
- KLUG J. C. F. 1862: Coleoptera. Käfer. Pp.: 143-267. In: PETERS W. C. H. (ed.): *Naturwissenschaftliche Reise nach Mossambique auf Befehl Seiner Majestät des Königs Friedrich Wilhelm IV in dem Jahre 1842 bis 1848. Zoologie V. Insecten und Myriapoden*. Berlin: Georg Reiner, 566 pp.
- KOLBE H. J. 1887: Zoogeographie West-Afrikas. Quinchoxo-Coleoptera. VIII. Carabidae. *Nova Acta Kaiserlich Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher* 50(3): 221-235.
- KOLBE H. J. 1894: Die Coleopteren-Fauna Central-Afrikas. Ueber einige neue Formen von Carabiden. *Entomologische Zeitung* (Stettin) 55: 191-203.
- KOLBE H. J. 1896: Ueber die von Herrn Dr. F. Stuhlmann in Deutsch- Ostafrika und Mosambik während der Jahre 1888 bis 1890 gesammelten Coleopteren. *Mitteilungen aus dem Naturhistorischen Museum in Hamburg* 14(2. Beiheft): 73-101.
- KOLBE H. J. 1897: Käfer und Netzflüger Ost-Afrikas mit 4 Tafeln. Coleopteren. Pp.: 52-65. In: MÖBIUS K. (ed.): *Deutsch-Ost-Afrika. Wissenschaftliche Forschungsergebnisse über Land und Leute unseres ostafrikanischen Schutzgebietes und der Angrenzenden Länder. Band IV. Die Thierwelt Ost-Afrikas und der Nachbargebiete. Wirbellose Thiere*. Berlin: D. Reimer (Ernst Vohsen), 368 pp.
- KOLBE H. J. 1901: Ueber die Entstehung der zoogeographischen Regionen auf dem Kontinent Afrika. *Naturwissenschaftliche Wochenschrift I (N.F.) XVII*. Band. 13: 145-150.
- KRYZHANOVSKIJ O. L. 1983: *Fauna SSSR, Zhestokrylie I, vyp. 2. Zhuki podotriada Adephaga: semeystva Rhyzodidae, Trachypachidae, semeystvo Carabidae (vvodnaia chast, obzor fauny SSSR)* Leningrad: Nauka, 341 pp.
- KRYZHANOVSKIJ O. L., BELOUSOV I. A., KABAK I. I., KATAEV B. M., MAKAROV K. V. & SHILENKOV V. G. 1995: *A Checklist of the ground-beetles of Russia and Adjacent Lands (Insecta, Coleoptera, Carabidae)*. Sofia – Moscow: Pensoft, 271 pp.
- KUNTZEN H 1913a: Eine neue *Anthia* (Coleopt. Carabidae). *Entomologische Rundschau* 30[1913]: 18.
- KUNTZEN H 1913b: *Polyhirma bihamata* Gerst. (Col.). *Deutsche Entomologische Zeitschrift* 1913: 304-306.
- KUNTZEN H 1919: Die Carabidenfauna Deutsch-Südwestafrikas. *Mitteilungen aus dem Zoologischen Museum in Berlin* 9[1918-1919]: 91-156.
- LACORDAIRE J. T. 1854: *HISTOIRE NATURELLE DES INSECTES. Genera des Coléoptères ou exposé méthodique de tous les genres proposés jusq'ici dans cet ordre d'insectes. Tome premier contenant les familles des Cicindélites, Carabiques, Dytiscides, Gyrinides, et Palpicornes*. Paris: Roret xx + 486 pp.
- LA FERTÉ-SÉNECTÈRE F. T. DE 1849: Suite du Catalogue des Carabiques recueillis par. Mr. Bocandé dans la Guinée portugaise avec la description sommaire des espèces nouvelles. *Revue et Magasin de Zoologie Pure et Appliquée*. (Serie 2) 1: 345-352.
- LANDIN B.-O. 1955: Entomological results from the Swedish expedition 1934 to Burma and British India. Coleoptera: Carabidae collected by René Malaise. *Arkiv för Zoologi* (Andra ser.)8: 399-472.
- LAPORTE F. L. N. DE [COMTE DE CASTELNAU] 1832: Mémoire sur cinquante espèces nouvelles ou peu connues d'insectes. *Annales de la Société Entomologique de France* 1832: 386-415.
- LAPORTE F. L. N. DE [COMTE DE CASTELNAU] 1835: [new taxa] Pp: 95-159, pl. 3-4. In: *Études Entomologiques, ou description d'insectes nouveaux; et observations sur leur synonymie*. Paris[1834]: Méquignon-Marvis, 159 pp.
- LAPORTE F. L. N. DE [COMTE DE CASTELNAU] 1840: *Histoire Naturelle des Insectes, Animaux articulés. Coléoptères. Volume I*. Paris: Duménil, cxxv + 24 pp.
- LAPORTE F. L. N. DE [COMTE DE CASTELNAU] 1867: *Notes on Australian Coleoptera. Part II, Second Family – Carabidae*. Melbourne: Royal Society of Victoria, 139 pp. [separates available prior to publication in *Transaction of Royal Society of Victoria* 8: 30-38 (1867), 95-225 (1868)]
- LATREILLE P. A. 1802: *Histoire naturelle, générale et particulière des crustacés et des insectes. Ouvrage faisant suite à l'histoire naturelle générale et particulière, composée par Leclerc du Buffon, et rédigée par C. S. Sonini, membre de plusieurs sociétés savantes. Familles naturelles des genres. Tome troisième*. Paris: Dufart, xii + pp. 13-467 + [1 errata] pp.
- LATREILLE P. A. 1822: [new taxa in: livr. 1: Pp: 1-89, pl. 1-5]. In: LATREILLE P. A. & DEJEAN P. F. M. A.: *Histoire naturelle et iconographie des insectes coléoptères d'Europe*. Paris: Crevot, 198 pp. + 15 pl.
- LATREILLE P. A. 1824: [new taxa in: livr. 2: Pp: 91-134, pl. 6-10]. In: LATREILLE P. A. & DEJEAN P. F. M. A.: *Histoire naturelle et iconographie des insectes coléoptères d'Europe*. Paris: Crevot, 198 pp. + 15 pl.
- LATREILLE P. A. 1827: Description des Insectes. Figurés sur la pl. LVIII du Tom. II, recueillis par M. Calliaud, et décrits par M. Latreille..Pp. 271-292. In: *Voyage à Méroé, au fleuve blanc, au-delà de Fazoql dans le midi du royaume de Sennâr, à Syouah et dans cinq autres oasis, fait dans les années 1819, 1820, 1821 et 1822 par M. Frédéric Cailliaud. Tome quatrième*. Paris: Debure, 4 + 22 pp. +1 pl.
- LATREILLE P. A. 1829: *Les crustacés, les arachnides et les insectes, distribués en familles naturelles, ouvrage formant les tomes 4 et 5 de m. le baron Cuvier su le Règne animal (deuxième édition). Tome premier*. Paris: Déterville, xxvii + 584 pp.
- LEA A. M. 1914: Scientific notes on an Expedition into the interior of Australia carried out by Capt. S. A. White, M. B. O. U., from July to October, 1913. (j) Insecta. *Transactions of the Royal Society of South Australia* 38: 448-454.
- LEACH W. E. 1819: Appendix No. IV. Notice of Reptiles, Insects &c. Pp. 493-496. In: BOWDICH T. E. (ed.): *Mission from Cape Coast Castle to Ashantee with a statistical account of that kingdom, and geographical notices of other parts of the Interior of Africa*. London: J. Murray, 512 pp.
- LECONTE J. L. 1853: Notes on the classification of the Carabidae of the United States. *Transactions of the American Philosophical Society* (N. S.) 10: 363-403.
- LENG C. W. 1920: *Catalogue of the Coleoptera of America, north of Mexico*. New York: Mount Vernon, John D. Sherman, Jr., 470 pp.
- LEQUIEN F. 1833: Essai monographique du genra *Anthia* lenfermant la description et deux espèces nouvelles, la description d'une larve et quelques rectifications dans la synonymie. Pl.: 38-41. In: *Magasin de Zoologie* 2. Seconde partie. Classe IX. Insectes. Paris: Lequien Fils Libraire, [1832] 88 pp + 55 pl.
- LIEBKE M. 1928a: Laufkäfer-Studien III. *Entomologischer Anzeiger* 8(11): 105-106.
- LIEBKE M. 1928b: Laufkäfer-Studien III. *Entomologischer Anzeiger* 8(12): 121-122.

- LIEBKE M. 1929: Laufkäfer-Studien VI. *Entomologischer Anzeiger* 9(12): 245-247, 261-265, 297-298.
- LIEBKE M. 1935: Neue Carabiden aus Sued- und Mittelamerika, hauptsachlich des Pariser Museums. *Revue française d'Entomologie* 2(3): 143-177.
- LIEBKE M. 1941: Carabidae, Truncatipennae. Pp.: 223-275. In: TITSCHACK E. (ed.): *Beiträge zur Fauna Perus: nach der Ausbeute der Hamburger Südperu-Expedition 1936, anderer Sammlungen, wie auch auf Grund von Literaturangaben. Wissenschaftliche Bearbeitungen. Volume I. Part 2.* Jena: Fischer, 358 pp.
- LIEBKE M. 1951: Carabidae, Truncatipennae. Pp.: 215-266. In: TITSCHACK E. (ed.): *Beiträge zur Fauna Perus: nach der Ausbeute der Hamburger Südperu-Expedition 1936, anderer Sammlungen, wie auch auf Grund von Literaturangaben. Wissenschaftliche Bearbeitungen. Volume II.* Jena: Fischer, 344 pp.
- LINNÉ C. VON 1764: *Museum S. R. M. Ludovicae Ulrica reginae Suecorum, Gothorum, Vandalarumque &c. &c. In quo animalia rariora, exotica, imprimis insecta & conchilia describuntur & determinantur. Prodrumi instar editum.* Stockholm: Laurentii Salvii, viii + 720 pp.
- LINNÉ C. VON 1767: *Systema naturale per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio duodecima, reformata. Tom. I. Pars II.* Stockholm: Laurentii Salvii, pp. 533-1327 + 37 unn. pp.
- LINDROTH C. H. 1955: Dejean's types of North American Carabidae (Col.). *Opuscula Entomologica* 20: 10-34.
- LINNELL M. L. 1896: List of Coleoptera collected on the Tana River, and on the Jombene Range, East Africa by Mr. William Astor Chanler and lieutenant Ludwig von Hoehnel, with descriptions of new genera and species. *Proceedings of the United States national Museum* (Washington) 18: 687-716.
- LORENZ W. 2005a: *A systematic list of extant ground beetles of the World. (Insecta, Coleoptera, Adephaga: Trachypachidae & Carabidae incl. Paussinae, Cicindelinae, Rhysodinae).* 2<sup>nd</sup> edition. Tutzing: published by the author, 530 pp.
- LORENZ W. 2005b: *Nomina Carabidarum: A Directory of the Scientific Names of Ground Beetles (Coleoptera, Geadephaga): Trachypachidae and Carabidae, incl. Paussinae, Cicindelinae, Rhysodinae.* 2<sup>nd</sup> edition. Tutzing: published by the author, 993 pp.
- LOUWERENS C. J. 1949: Some notes on the Carabidae, collected by Mr. P. H. van Doesburg in the Malay Archipelago with descriptions of new species (1st. Communication on Oriental Carabidae). *Tijdschrift voor Entomologie* 90: 45-53.
- LUCAS 1867: [Communications] Bulletin entomologique. Séance du mardi 24 décembre 1868. *Annales de la Société Entomologique de France* 7[1868](Serie 4): xciii.
- LUCAS 1882a: [Communications] Bulletin entomologique. Séance du 13 Juillet 1881. *Annales de la Société Entomologique de France* 1[1881](Serie 6): lxxix-lxxx.
- LUCAS 1882b: [Communications] Bulletin entomologique. Séance du 12 Avril 1882. *Annales de la Société Entomologique de France* 2(Serie 6): lxxi-lxxii.
- MACLEAY W. J. 1864: Descriptions of new genera and species of Coleoptera from Port Denison. *Transactions of the Entomological Society of New South Wales* 1: 106-130.
- MACLEAY W. J. 1871: Notes on a collection of insects from Gayndah. *Transactions of the Entomological Society of New South Wales* 2: 79-205.
- MACLEAY W. J. 1873: Miscellanea entomologica. *Transactions of the Entomological Society of New South Wales* 2: 319-370.
- MACLEAY W. J. 1886: The insects of the Fly River, New Guinea. "Coleoptera". *Proceedings of the Linnean Society of New South Wales* 2(1): 136-157.
- MACLEAY W. J. 1887: The insects of the Cairns district, northern Queensland. *Proceedings of the Linnean Society of New South Wales* 2(2): 213-238.
- MACLEAY W. J. 1888: The insects of King's Sound and its vicinity. *Proceedings of the Linnean Society of New South Wales* 2(3): 443-480.
- MAKAROV K. V. 1998: Morphology of termitophilous larvae of *Orthogonius* and *Helluodes* and position of the tribes Orthogoniini and Helluodini in the family Carabidae (Coleoptera). *Entomological Review* 78(9):1115-1125.
- MAINDRON M. 1908: [new taxa] P: 299. In: WICHMANN A. (ed.): *Nova Guinea: Uitkomsten Der Nieuw-Guinea-Expedities. Volume 5* (Livrasion 2), Leiden: E. J. Brill, 676 pp.
- MANNERHEIM C. G. VON 1837: Mémoire sur quelques genres et espèces de carabiques. *Bulletin de la Société Impériale des Naturalistes de Moscou* 10(2): 3-49.
- MARC F. 1840: Travaux inédits. Helluo nouveau décrit. *Revue Zoologique par la Société Cuvierienne* 1840: 113.
- MARSHALL G. A. K. 1902: [Appendix] Description of a new species of Carabidae from South Africa. Pp.: 547-548. In: MARSHALL G. A. K. & POULTON E. B.: Five years' observations and experiments (1896-1901) on the bionomics of South African insects, chiefly directed to the investigation of mimicry and warning colors. *Transactions of the Royal Entomological Society of London* 1902: 287-584 + 9-23 pl.
- MATEU J. 1966: Coléoptères Carabiques récoltés par J. Mateu dans l'Ennedi et au Nord Tchad. *Bulletin de l'Institut Fondamental d'Afrique noire (Serie A) Sciences Naturelles* 28(4): 1501-1544.
- MAWDSLEY J. R., ERWIN T. L., SITHOLE H., MAWDSLEY J. L. & MAWDSLEY A. S. 2011: The genus *Anthia* Weber in the Republic of South Africa, Identification, distribution, biogeography, and behavior (Coleoptera, Carabidae). *ZooKeys* 143: 47-81.
- MAWDSLEY J. R., ERWIN T. L., SITHOLE H. & MAWDSLEY A. S. 2012: A synopsis of the genus *Cypholoba* Chaudoir (Coleoptera, Carabidae, Anthiini) known to occur in the Republic of South Africa. *ZooKeys* 143: 47-81.
- METHUEN H. H. 1846: *Life in the Wilderness, or wanderings in South Africa.* London: R. Bentley, xiii + 318 pp.
- MANNERHEIM M. 1837: Mémoire sur quelques genres et espèces de carabiques. *Bulletin de la Société Impériale des Naturalistes de Moscou* 10(2): 3-49.
- MOORE B. P., WEIR T. A. & PYKE J. E. 1987: Rhysodidae and Carabidae. Pp. 17-320. In: HOUSTON W. W. K. & RICHARDSON B. J. R. (eds). *Zoological Catalogue of Australia. Coleoptera: Archostemata, Myxophaga and Adephaga.* Canberra: Australian Government Publishing Service Vol. 4 viii + 444 pp.
- MOORE B. P. 1998: The enigmatic tribe Physocrotaphini Chaudoir (Helluodini auct.) (Coleoptera: Carabidae). Pp. XX. In: BALL G. E., CASALE A. & VIGNA TAGLIANTI A. (eds). Phylogeny and classification of Caraboidea. *Atti di Museo regionale di Scienze naturali* (Torino) V: 369-380.
- MOTSCHULSKY V. DE 1864: Énumération des nouvelles espèces de Coléoptères rapportés de ses voyages. 4-ème article (Suite). *Bulletin de la Société Impériale des Naturalistes de Moscou* 37(3): 171-240.
- MÜLLER G. 1938: Di alcuni Carabidi nuovi o poco noti dell'Africa orientale. *Annali del Museo Civico di Storia Naturale Giacomo Doria* 58: 222-251.
- MÜLLER G. 1942: Coleotteri del Benadir (Somalia). Raccolti dal Prof. Giuseppe Russo. *Bolletino del Laboratorio del Zoologia generale e agraria della Facoltà Agraria in Portici* 32: 70-103.
- MURRAY A. 1857: List of Coleoptera received from Old Calabar, on the West Coast of Africa Part I. *The Annals and Magazine of Natural History including Zoology, Botany and Geology* (London) 19: 153-161.
- NAVÁS L. 1913: Notes sur quelques Névroptères. VI. Névroptères d'Afrique nouveaux. *Insecta, Rennes* 3: 265-272.
- NEWMAN E. 1836: Entomological notes. *Entomological Magazine. London* 3: 499-501.
- NEWMAN E. 1842: Entomological notes. (Cont. p. 223). *The Entomologist* 1: 413-415.
- NIETNER J. 1857: Descriptions of new Ceylon Coleoptera. *Annals and Magazine of Natural History* (Series 2)20: 272-282.
- OBERTHÜR R. 1883. *Coleopterum novitates. Recueil spécialement consacré à l'étude des coléoptères. Tome I.* Rennes: Oberthür, 48 pp.+ 2 pl.
- OBERTHÜR R. 1884: Études d'Entomologie 8: 24
- OBST P. 1901a: Berichtigung zu Synopsis der Coleopteren-Gattung *Anthia* (Weber). Beiheft (Festschrift für Eduard von Martens). *Archiv für Naturgeschichte* 67(1): 279.
- OBST P. 1901b: Synopsis der Coleopteren-Gattung *Anthia* (Weber). *Archiv für Naturgeschichte* 67(2. Liefer., Heft 3): 265-298.
- OBST P. 1903: Diagnosen neuer afrikanischer Coleopteren meistens Buprestiden. *Annales de la Société Entomologique de Belgique* 47: 141-146.
- OBST P. 1906: Drei neue *Anthia*-Arten. *Annales de la Société Entomologique de Belgique* 50: 164-167.
- OBST P. 1908a: C. Coleoptera (I.), I. Carabidae. In: SCHULTZE L.: Zoologische und anthropologische Ergebnisse einer Forschungsreise im westlichen und zentralen Südafrika, ausgeführt in den Jahren 1903-1905 mit Unterstützung der Kgl. Preussischen Akademie der Wissenschaften zu Berlin, Erster Band. Systematik und Tiergeographie. *Denkschriften der Medizinisch-Naturwissenschaftlichen Gesellschaft zu Jena* 13: 85-92.
- OBST P. 1908b: Berichtigung zu *Anthia betschuana* n. sp. Coleoptera, Carabidae, I, p. 90. In: SCHULTZE L.: Zoologische und anthropologische Ergebnisse einer Forschungsreise im westlichen und zentralen Südafrika, ausgeführt in den Jahren 1903-1905 mit Unterstützung der Kgl. Preussischen Akademie der Wissenschaften zu Berlin, Erster Band. Systematik und Tiergeographie. *Denkschriften der Medizinisch-Naturwissenschaftlichen Gesellschaft zu Jena* 13: 90a-90b.

- OLLIFF A. S. 1889: [new taxa] Pp.: 338-389. In: WESTWOOD J. O., OLILIFF A. S. & DISTANT W. L.: *Matabele land and the Victoria Falls, from the letters and journals of the late Frank Oates, F. R. G. S., Second edition, Appendix IV, Entomology*. London: Kegan Paul, Trench & Company, pp. + pl.
- OLIVIER A. G. 1790: *Encyclopédie méthodique, ou par ordre des matières; par une société de gens de lettres, de savans et d'artistes; précédée d'un vocabulaire universel, servant de table pour tout l'ouvrage, ornée des portraits de Mm. Diderot & d'Alembert, premiers éditeurs de l'Encyclopédie. Histoire naturelle. Insectes. Tome cinquième. Livrasion 41*. Paris: C. J. Panckoucke, 368 pp.
- OLIVIER A. G. 1795: *Entomologie, ou Histoire naturelle des insectes, avec leurs caractères génériques et spécifiques, leur description, leur synonymie, et leur figure éliminée. Coléoptères. Tome troisième*. Paris: Lanneau, 557 pp. + 65 tab. [each genus treated is separately paginated].
- PARK J. K., TRAC D. H. & KIPLING W. 2006: Carabidae from Vietnam (Coleoptera). *Journal of Asia-Pacific Entomology* 9(2): 85-105.
- PARRY J. F. S. 1849: Descriptions of some new Species of Coleoptera.. *Transactions of the Royal Entomological Society of London* 5[1847-1849]: 179-185.
- PÉRINGUEY L. 1892a: Third contribution to the South-African coleopterous fauna. On beetles collected in tropical south-west Africa by Mr. A. W. Eriksson. *Transactions of the South African Philosophical Society* 6: 1-94.
- PÉRINGUEY L. 1892b: Fourth contribution to the South-African coleopterous fauna. Description of new Coleoptera in the South African Museum. *Transactions of the South African Philosophical Society* 6: 95-136.
- PÉRINGUEY L. 1896: Descriptive catalogue of the Coleoptera of South Africa. *Transactions of the South African Philosophical Society* 7: 99-623.
- PÉRINGUEY L. 1899: Descriptive catalogue of the Coleoptera of South Africa. Family Carabidae. First Supplement. *Transactions of the South African Philosophical Society* 10[1898]: 303-379.
- PÉRINGUEY L. 1904: Sixth Contribution to the South African Coleopterous Fauna. Description of new coleoptera in the collection of South African Museum. *Annals of the South African Museum* (Plate XIII). 3[1903-1905]: 167-299.
- PÉRINGUEY L. 1908: Seventh Contribution to the South African Coleopterous Fauna. *Annals of the South African Museum* 5[1906-1909]: 271-344.
- PERRAUD B. P. 1846: Description de quelques Coléoptères nouveaux ou per connus, (Tribu des Carabiques, famille des Truncatipennes, section des Anthiains). Premier fascicule. *Annales de la Société Linnéenne de Lyon* 1846: 25-64.
- PERRAUD B. P. 1853: Description de quelques Coléoptères nouveaux ou per connus. *Annales de la Société Linnéenne de Lyon* 1(N.S.): [1852-1853]: 389-523.
- PLSEK R. W., KROLL J. C. & WATKINS J. F. 1969: Observations of carabid beetles, Helluomorphoides texanus, in columns of army ants and laboratory experiments on their behavior. *Journal of the Kansas Entomological Society* 42(4): 452-456.
- PUTZEYS J. A. A. H. 1846: Prémices entomologiques. III. Descriptions de 62 espèces nouvelles de coléoptères appartenant aux familles des cicindélides et des carabiques, avec l'identification des draft de cinq nouveaux genres. *Mémoires de la Société Royale des Science de Liège* 2[1845-1846]: 353- 417 + 5 pl.
- PUTZEYS J. A. A. H. 1880: Études sur les insectes de l'Afrique que se trouvent au Museum National de Lisbonne. Fam. Cicindelidae et carabidae. *Jornal de ciencias mathematicas, physicas e naturaes. Zoologia* 8[1880-1882] No. xxix: 21-48.
- RAFFRAY M. A. 1885: Note sur la Dispersion géographique des Coléoptères en Abyssinie et descriptions d'espèces nouvelles. Communications. Séance du 27. mai 1885. *Annales de la Société Entomologique de France*. 5(6 series): 5: 293-327.
- REDTENBACHER L. 1867: Zweiter band. I. Abtheilung A. 1. Coleoptera. In: *Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter der Befehlen des Commodore B. von Wüllerstorff-Urbair. Zoologischer Teil*. Wien, 249 pp.
- REICHARDT H. 1972: A new *Pleuranthus* from an ant nest (Coleoptera, Carabidae). *Revista Brasileira de Entomologia* 16(6): 49-52.
- REICHARDT H. 1974: Monograph of the Neotropical Helluonini, with notes and discussions on Old World forms (Coleoptera: Carabidae). *Studia Entomologica* 17(1-4): 211-302.
- REICHARDT H. 1977: A synopsis of the Genera of Neotropical Carabidae (Insecta: Coleoptera). *Quaestiones Entomologicae* 13: 346-493.
- REICHE L. 1842: Coleoptera Columbiana in musæo Reiche. Decas quinta. *Revue de Zoologie par la Société Cuvierienne* 1: 238-242, 272-276, 307-314, 374-378.
- REICHE L. 1843: Recherches sur les Helluonides, ou révision du genre Helluo, Bonelli et Dejean. (Séance du 4 janvier 1843.) *Annales de la Société Entomologique de France* 11[1842]: 323-344.
- REICHE L. 1847: Entomologie. Pp: 259-419. In: FERRET P. V. A. & GALINIER J. G. (eds): *Voyage en Abyssinie dans les province du Tigre, du Samen et de l'Amhara dédié à s. a. r. Monseigneur le duc de Nemours. Vol. 3*. Paris: Paulin, 536 pp.
- REVOIL G. 1882: *Faune et flore des pays Comalis (Afrique Orientale)*. Paris: A. Challamel, 78 pp.
- ROGER J. 1899: Coléoptère nouveau de la famille des Carabiques. *Anthia*, sp. (*Anthia Bordasii* Roger). *L'Echange, organe des Naturalistes de la région lyonnaise* 15: 56.
- ROTH J. R. 1851: Diagnosen neuer Coleoptera aus Abyssinien. *Archiv für Naturgeschichte* 1851(1): 115-133.
- ROUSSEAU E. 1905: Description de Carabides nouveaux de l'Afrique tropicale. *Annales de la Société Entomologique de Belgique* 49: 202-204.
- ROUSSEAU E. 1906: Coleoptera Adepaga, Fam. Carabidae, Subfam. Anthiinae. Pp.:1-18. In: WYTSMAN P.(ed.): *Genera Insectorum, faciculus XXXII-XXXIX* [1905-1906]. Bruxelles: Verteneuil & Desmet, Fasc. 38[1905], 18pp. + 2 pl.
- SABU T. K., ABHITHA P. & ZHAO D.-Y. 2008: A new Helluodes Westwood species from Western Ghats with notes on habitat, distribution and phylogenetic relationships of genera Helluodes and Physocrotaphus Parry of the tribe Physocrotaphini Chaudoir (Insecta: Coleoptera: Carabidae: Anthiinae). *Zootaxa* 1745: 30-46.
- SCHAUM H. R. 1863: Beiträge zur Kenntniss einiger Carabiden-Gattungen. *Berliner Entomologische Zeitschrift* 7: 67-92.
- SCHMIDT A. D. 2001: Experimentelle und freilandökologische Untersuchungen zu Aktivitätsrhythmus und mikroklimatischen Präferenzverhalten ausgewählter afrikanischer Laufkäferarten der Gattungen *Anthia* und *Thermophilum* (Coleoptera: Carabidae: Anthiini). *Mitteilungen des Internationalen Entomologischen Vereins* (Frankfurt) 26(1/2): 53-84.
- SCHMIDT A. D. 2002a: Bestimmungsschlüssel für Laufkäfer der Gattungen *Anthia* Weber, *Thermophilum* Basilewsky, *Baeoglossa* Chaudoir und *Cypholoba* Chaudoir (Coleoptera: Carabidae: Anthiini), in südlichen Afrika. *Mitteilungen des Naturwissenschaftlichen Museums der Stadt Aschaffenburg* 21(2):1-22.
- SCHMIDT A. D. 2002b: Größenvariabilität von Laufkäfern der Gattungen *Anthia* und *Thermophilum* (Coleoptera, Carabidae) in südlichen Afrika. *Entomologische Zeitschrift mit Insektenbörse* (Stuttgart) 112(8): 226-231.
- SCHMIDT A. D. & GRÜSCHWITZ M. 2002: Artenspektrum, Systematik, Verbreitung und biographische Zuordnung von Laufkäfern der Gattungen *Anthia* Weber und *Thermophilum* Basilewsky. *Mitteilungen des Naturwissenschaftlichen Museums der Stadt Aschaffenburg* 21(1):1-67.
- SCHMIDT-GOEBEL H. M. 1846: *Faunula coleopterorum Birmaniae, adjectis nonnullis Bengaliae Indigenis. Med. Dr. Johann Wilhelm Halfer's hinterlassene Sammlungen aus Vorder- und Hinter-Indien. Nach seinem Tode in Auftrage des böhm. National-Museums unter Mitwirkung Mehrerer...* 1. Lieferung. Prag: G. Haase Sohn, viii + 94 pp. + 3 pl.
- SCHÖNHERR C. J. 1806: *Synonymia Insectorum, oder: Versuch einer Synonymie Aller bisher bekannten Insecten; nach Fabricii Systema Eleutheratorum geordnet. Erster Band. Eleutherata oder Käfer. Erster Theil. Lethrus-Scolytes*. Stockholm: H. A. Nordström, xxii + 293 + [1] pp. + 3 pl.
- SERRANO A. R. M. 2000: Beetle species of *Macrocheilus* Hope, 1838 from Africa: Faunistic and description of new species (Coleoptera, Carabidae). *Nouvelle Revue d'Entomologie* 17(2): 137-145.
- SHALLABY F 1961: A preliminary survey of the insect fauna of Saudi Arabia. *Bulletin de la Société entomologique d'Egypte* 45: 21-228.
- SLOANE T. G. 1890: Studies in Australian Entomology. No. IV New genera and species of Carabidae. *Proceedings of the Linnean Society of New South Wales* (Series 2)5: 641-653.
- SLOANE T. G. 1904: Studies in Australian Entomology. No. XIV. New species of geodephagous Coleoptera from tropical Australia. Cicindelidae (3), and Carabidae (5), [Plarysmatini, Morioni, Perigonini, Masoreini and Physocrotaphini]. *Proceedings of the Linnean Society of New South Wales* 29: 527-538.
- SLOANE T. G. 1907: New Carabidae from German New Guinea and its Dependencies (Col.) *Deutsche Entomologische Zeitschrift* 1907: 177-185.

- SLOANE T. G. 1914: Revisional notes on Australian Carabidae. Part V. Tribe Helliunini. *Proceedings of the Linnean Society of New South Wales* 39: 568-614.
- SLOANE T. G. 1917: Carabidæ from tropical Australia. (New genera and species, notes and synonymy, and synoptic tables. Tribes Scaritini, Harpalini, Odacanthini, Lebiini, and Helliunini). *Proceedings of the Linnean Society of New South Wales* 42: 406-438.
- SLOANE T. G. 1920: The Carabidae of Tasmania. *Proceedings of the Linnean Society of New South Wales* 45: 113-178.
- STERNBERG C. 1906a: Neue *Anthia*-Arten. *Deutsche Entomologische Zeitschrift* 1906(2): 453-462.
- STERNBERG C. 1906b: Ueber afrikanische Coleopteren. II. Zur Gattung *Anthia* Weber. *Deutsche Entomologische Zeitschrift* 1906(2): 164-170.
- STERNBERG C. 1906c: Ueber afrikanische Coleopteren. III. Zwei neue Eccoptoptera. *Deutsche Entomologische Zeitschrift* 1906(2): 170-171.
- STERNBERG C. 1907a: Espèces nouvelles de Coléoptères *Anthia* et *Polyhirma* des collections du Muséum de Paris. *Annales de la Société Entomologique de France* 76: 483-491.
- STERNBERG C. 1907b: Neue *Polyhirma* Arten. *Entomologische Zeitung* (Stettin) 68: 22-34; 310-322.
- STERNBERG C. 1907c: Voyage de M. Maurice de Rothschild en Éthiopie et dans l'Afrique orientale (1904-1906). Espèces nouvelles de *Polyhirma* (Col.). *Annales de la Société Entomologique de France* 76: 492-498.
- STERNBERG C. 1907d: Zur Gattung *Anthia* (Weber). (Col.). *Deutsche Entomologische Zeitschrift* 1907(1): 47-74.
- STERNBERG C. 1908: Neue Arten aus den Gattungen *Chlaenius*, *Polyhirma* und *Tefflus* gesammelt 1900 von Prof. Oscar Neumann auf seiner Durchquerung Nord-Ost-Afrikas, hauptsächlich Abessyniens und der Gallaländer. *Entomologische Zeitung* (Stettin) 69: 96-109.
- STORK N. E. 1986: An annotated checklist of the Carabidae (including Cicindelidae, Rhysodinae and Pausinae) recorded from Borneo. *Occasional Papers on Systematic Entomology* 2: 1-24..
- STRAND E. 1917: Übersicht der in Gistel's "Achtthundert und zwanzig neue oder unbeschriebene wirbellose Thiere" (1857) behandelten Insekten. *Archiv für Naturgeschichte* (Serie A) 82(5)[1916]: 75-101.
- STRANEO S. L. 1942: Su alcuni Carabidi delle collezioni del Museo di Milano. *Atti della Società italiana di Scienze naturali Museo civico di Storia naturale di Milano* 81: 62-67.
- STRANEO S. L. 1953: Nuovi Carabidi (Coleoptera). *Doriana - Annali del Museo Civico di Storia Naturale "G. Doria"* (Genova) 1(1): 25-30.
- STRANEO S. L. 1959: Énumération des Crabiques du Paraguay. *Beiträge zur Entomologie* 9: 753-757.
- STRANEO S. L. 1960: Nuovi Carabidi (Coleoptera). *Doriana - Annali del Museo Civico di Storia Naturale "G. Doria"* (Genova) 3(101): 49-55.
- STROHMEYER G. 1928: Systematisches und Zoogeographisches über die Cypholobini (Carab. Anthiinae): ein Beitrag zur Kenntnis der Fauna des afrikanischen Trockenwaldes. *Mitteilungen aus dem Zoologischen Museum Berlin* 14: 316.
- THILIEZ A. 2005: L'Enigmatique et romanesque etymologie du genre *Anthia* (Weber). *Lambillionia* cv(4): 615-616.
- THOMSON J. 1857a: Description de quatorze espèces nouvelles. *Archives Entomologiques ou recueil contenant des illustrations d'insectes nouveaux ou rares* 1: 129-136.
- THOMSON J. 1857b: Description d'un elateride, de deux Carabus et d'un helluonite nouveaux. *Archives Entomologiques ou recueil contenant des illustrations d'insectes nouveaux ou rares* 1: 164-167.
- THOMSON J. 1859a: Description de deux espèces nouvelles de Carabidæ. Pp.: 93-94. In: *Arcana Naturae ou Recueil d'Histoire Naturelle*. Paris: J. B. Baillière et Fils, 132 pp. + 13 pl.
- THOMSON J. 1859b: Insectes de la Région du Nil Blanc. Pp.: 114-120. In: *Arcana Naturae ou Recueil d'Histoire Naturelle*. Paris: J. B. Baillière et Fils, 132 pp. + 13 pl.
- THUNBERG C. P. 1784: *Dissertatio entomologica novas insectorum species, sistens, sujus partem quartam*. Upsaliae: J. Edman, 16 pp. + 4 pl.
- THUNBERG C. P. 1806: [new taxa]. Pp.: 233-234. In: SCHÖNHERR C. J.: *Synonymia Insectorum, oder Versuch eine Synonymie aller bisher bekannten Insecten; nach Fabricii Systema Eleutherorum & c. geordnet. Band I. Eleutherata oder Käfer. Theil 2*. Stockholm: C. F. Marquard, x + 424 pp. + 1 pl.
- TOMMASINI S. & MARINI M. 1988: Catalogo dei tipi del Museo Zoologico dell' Unierista di Bologna. V. Coleotteri del Mozambico. *Bolletino della Società Entomologica Italiana* 120(2): 129-138.
- VOGL P. C. 1954: Lista Parcial de los coleopteros collectionados por. P. Cornelius Vogl, en la Hacienda de Trinidad, Maracay, Edo. Aragua, Venezuela. Coleoptera III. Carabidae, Scaritinae y Gyrinidae. *Boletín de Entomologia Venezolana* 9: 41-44.
- WALLENGREN H. D. J. 1881: Coleoptera Transvaaliensia. Bidrag till kännedom om Transvaal-landets i S. Afrika Coleopter-fauna. *Entomologisk Tidskrift* 2[1880-1881]: 9-22.
- WEBER F. 1801: *Observationes entomologicae, continentes novorum quae condidit generum characteres, et nuper detectarum specierum descriptiones*. Bibliopolii Academici Novi, Kiliae [= Kiel]. xii + 116pp. + [1] pl.
- WESTWOOD J. O. 1846: Descriptions of two new genera of Carabidae. *Annals and Magazine of Natural History* 18: 354.
- WHITE A. 1844: Descriptions of some new species of Coleoptera and Homoptera from China. *The Annals and Magazine of Natural History* 14: 422-426.
- WHITE A. 1846: Insects. In: RICHARDSON J. & GRAY J. E. (eds): *The zoology of the voyage of H. M. S. Erebus and Terror, under the command of Capt. Sir J. C. Ross. Volume IV*. London: E. W. Janson, vi + 24 pp.
- WIEDEMANN C. R. W. 1823: Zweihundert neue Käfer von Java, Bengalen und dem Vorgebirge der guten Hoffnung. *Zoologisches Magazin* 2(1): 1-135.
- WU C.-F. 1937: *Catalogus Insectorum Sinensium*. III. Peiping: The Fan Memorial Institute of Biology, 1312 pp.
- ZHAO D.-Y. & TIAN M.-Y. 2010: A review of the genus *Macrocheilus* Hope (Coleoptera: Carabidae: Helliunini) of China, with descriptions of seven new species. *Polish Journal of Entomology / Polskie pismo entomologiczne* (Bydgoszcz) 79: 3-23.
- ZHAO D.-Y. & TIAN M.-Y. 2012: Taxonomic notes on the *Macrocheilus* Hope (Coleoptera: Carabidae: Helliunini) from Oriental Region, with description of one new species from the Philippines. *ZooKeys* 228: 77-100.
- A. F. D.: Database of Australian Faunal Directory in Australian Biological Resources [downloadable from [www.environment.gov.au/biodiversity/abrs](http://www.environment.gov.au/biodiversity/abrs)]
- Carabidae of the world. Anthiinae (A team of authors). Database on internet, 2007-2012 [downloadable from [www.carabidae.ru](http://www.carabidae.ru)]

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