



Afrotropical Brentidae Cyphagoginae, Taphroderinae and Trachelizinae (Insecta: Coleoptera) from the Natural History Museum collections, London

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Abstract. 738 specimens of Coleoptera Brentidae of the subfamilies Cyphagoginae (tribes Atopobrentini, Cyphagogini, and Stereodermini), Taphroderinae and Trachelizinae (tribes Microtrachelizini and Pseudocecephalini) from the collections of the Natural History Museum (London, United Kingdom) were studied and identified. *Werneradidactus barclayi*, new genus, new species from Tanzania is described. The new genus is closely related to *Schizoadidactus* Kleine, 1916. The paper also includes 73 first records for several African countries: 1 for Angola, 1 for Ethiopia, 5 for Gabon, 13 for Ivory Coast, 17 for Liberia, 1 for Malawi, 3 for Mozambique, 7 for Nigeria, 1 for Republic of Guinea, 5 for Sierra Leone, 1 for Tanzania, 2 for Togo, 2 for Uganda and 14 for Zambia.

Riassunto. *Brentidae Cyphagoginae, Taphroderinae e Trachelizinae afrotropicali (Insecta: Coleoptera) delle collezioni del Natural History Museum di Londra.* 738 esemplari di Coleoptera Brentidae delle sottofamiglie Cyphagoginae (tribù Atopobrentini, Cyphagogini e Stereodermini), Taphroderinae e Trachelizinae (tribù Microtrachelizini e Pseudocecephalini) delle collezioni del Natural History Museum di Londra (Regno Unito) sono stati studiati e determinati. *Werneradidactus barclayi*, nuovo genere, nuova specie, è descritto di Tanzania. Il nuovo genere è affine a *Schizoadidactus* Kleine, 1916. Il lavoro include anche 73 nuove segnalazioni per diversi paesi africani: 1 per l'Angola, 1 per l'Etiopia, 5 per il Gabon, 13 per la Costa d'Avorio, 17 per la Liberia, 1 per il Malawi, 3 per il Mozambico, 7 per la Nigeria, 1 per la Repubblica di Guinea, 5 per la Sierra Leone, 1 per la Tanzania, 2 per il Togo, 2 per l'Uganda e 14 per lo Zambia.

Key words. Coleoptera, Brentidae, Cyphagoginae, Taphroderinae, Trachelizinae, Africa, faunistics, new genus, new species, first records, taxonomy, identification key.

ZooBank registration. <https://zoobank.org/NomenclaturalActs/638d3794-b6a8-47f5-bdf2-563e8a1fe8c5>

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Introduction

The straight-snouted weevils (Coleoptera: Curculionoidea: Brentidae) belong to a small family of beetles containing about 1800 species (SFORZI & BARTOLOZZI, 2004; SFORZI *et al.*, 2014) mainly occurring in tropical and subtropical regions. Brentids are characterized by a long narrow body, non-geniculated and usually 11-segmented antennae, and by the absence of the labrum and the maxillary and labial palps; the eyes are rounded, not granulate. Members of some tribes exhibit a strong sexual

dimorphism, mainly in the shape of the rostrum: males have a broad rostrum with large mandibles, whereas females have a long and slender rostrum with pincer-shaped mandibles, used for boring holes deep in the wood of dead or decaying trees for laying eggs. More information on the family can be found in SFORZI & BARTOLOZZI (2004) and also in the Introduction paragraph in the first paper we dedicated to the study of the London Natural History Museum collections material (ORBACH & BARTOLOZZI, 2023).

In the present paper, we list brentids from Africa belonging to the following subfamilies and tribes: Taphroderinae, Atopobrentini, Cyphagogini, Stereodermini, Microtrachelizini and Pseudoceocephalini. All the locality records of the studied taxa are given, and we describe a new genus and species.

Material and methods

The material studied in this work consists of 738 specimens of Brentidae: 736 from the Natural History Museum of London (United Kingdom) collections, and two additional specimens coming from the first author's private collection. The material was mainly identified by the first author; the text was written by both authors together.

For a matter of brevity, labels information of species already known to occur in the countries they were collected in, is summarized briefly, to provide the reader information of the country of origin, the locality, and date of collecting, but additional information such as collector names, other information (if present) and acquisition or collection numbers, are generally not given. For species that represent a new country record, more detailed data are given (but acquisition numbers are not always cited). For the new taxon, all the label data are given *verbatim*: lines of labels are copied separated by a single slash and the different labels by a double slash.

The genitalia dissection was made after boiling the specimens in distilled water for 6 minutes, then removing the abdomen and soaking it in cold 10% KOH solution for 24 hours. Then the genital parts were gently cleaned and set on a cardboard, and included in DMHF (Dimethyl Hydantoin Formaldehyde) resin. The cardboard with the genitalia is placed on the same pin of the dissected specimen.

Photographs of the new taxon were taken by using a Pentax K20D camera mounted on a micrometric photo stand with magnifying lens Roidenstock 1:4.5 – f75; photo of the genitalia was taken with the same camera and Lomo 3.7x lens. The images have been processed with software Combine ZP.

In the list, we follow the systematic order proposed by SFORZI & BARTOLOZZI (2004); genera and species are arranged alphabetically and junior synonyms by the year of description. Country records are arranged alphabetically.

Abbreviations used in the text:

ANPN	Agence Nationale des Parcs Nationaux (National Agency of the National Parks)
Coll.	collection
EOCT	Eylon Orbach Collection, Qiryat Tivon, Israel
Ex.	specimen/specimens
Mt./Mts.	Mountain/Mountains
MZUF	Museo di Storia Naturale, Sezione di Zoologia “La Specola”, Università di Firenze, Italy
NHM	The Natural History Museum (formerly British Museum, Natural History), London, United Kingdom
NP/N.P.	National Park
SRET	Station for Research in Ecology of Tai (=CRE, Centre de Recherche en Ecologie)

Results

CYPHAGOGINAE Kolbe, 1892

ATOPOBRENTINI Damoiseau, 1965

Neoceocephalus decellei De Muizon, 1959

Neoceocephalus decellei De Muizon, 1959: 78.

Araiorrhinus sulcifrons Schedl, 1961b: 201.

Examined material

Ivory Coast: 4 ex., Taï NP, Taï Research Station, 27-31.iii.2017.

Neoceocephalus freyi De Muizon, 1960

Neoceocephalus freyi De Muizon, 1960: 211.

Examined material

Mozambique: 2 ex., Maputo special reserve, 21-30.xi.2016; 2 ex., Maputo special reserve, 21-22.ii.2018.

Tanzania: 1 ex., Nachingwea, i.1954; 1 ex., Mkomazi N.P., 13.iv.1995.

Zambia: 2 ex., Lake Tanganyika, Ndole Bay, 23-25.xi.2012; 2 ex., Luangwa, 11-17.iii.2019.

Neoceocephalus minutus Damoiseau, 1963

Neoceocephalus minutus Damoiseau, 1963b: 23.

Examined material

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 27.viii.1960.

Neoceocephalus olseni De Muizon, 1960

Neoceocephalus olseni De Muizon, 1960: 210.

Araiorrhinus punctifrons Schedl, 1961b: 201.

Examined material

Ivory Coast: 8 ex., Mt. Nimba, 18.iv-8.v.2016; 3 ex., Taï NP, Taï Research Station, 27-31.iii.2017; 1 ex., Abidjan, Banco Forest, 21-30.iv.2017.

Sierra Leone: 1 ex., Loma Mountains, 11-15.vi.2016.

Neoceocephalus ophthalmicus Calabresi, 1920

Neoceocephalus ophthalmicus Calabresi, 1920: 38.

Araiorrhinus agilis Kleine, 1922c: 223.

Examined material

Zambia: 1 ♀, Kapishya Hot Springs, 17-21.xi.2016.

Neoceocephalus punctatus Damoiseau, 1961

Neoceocephalus punctatus Damoiseau, 1961: 287.

Examined material

Ivory Coast: 1 ex., 380 m, Yéalé Village, Mt. Nimba, 07°31'35.3"N 08°25'20.1"W, 376 m, 18-29.iv.2016, light trap, M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Neoceocephalus rostralis Senna, 1898

Neoceocephalus rostralis Senna, 1898a: 376.

Araiorrhinus longisulcatus Schedl, 1961b: 202.

Examined material

Ivory Coast: 1♂, Yéalé Village, Mt. Nimba, track before reserve border, 07°32'18.8"N 08°25'23.8"W, 376 m, 18-29.iv.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto; 1♀, Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 27-31.iii.2017, canopy, light trap (~40 m above ground), A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Neoceocephalus sculpturatus Senna, 1898

Neoceocephalus sculpturatus Senna, 1898a: 377.

Araiorrhinus bifurcatus K. E. Schedl, 1961b: 200.

Examined material

Ivory Coast: 2♂, Taï NP, Taï Research Station, 25.iii-16.iv.2017; 1♂, 1♀, Abidjan, Banco Forest, 21-30.iv.2017; 1♀, Mt. Tonkouï Peak, 3-7.v.2017.

Mozambique: 1♀, Maputo special reserve, 21-22.ii.2018.

Neoceocephalus thoracicus Damoiseau, 1963

Neoceocephalus thoracicus Damoiseau, 1963b: 12.

Examined material

Zambia: 1 ex., 777 m, Ndole Bay, on the shores of Lake Tanganyika, 08°28'42"S 30°26'59"E, 23-25.xi.2012, light trap, R. Smith, H. Takano.

Remarks

New record for Zambia.

CYPHAGOGINI Kolbe, 1892

Adidactus cancellatus (Lacordaire, 1866)

Zemioses cancellatus Lacordaire, 1866: 409.

Genogogus conradsii Kleine, 1934: 304.

Examined material

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 23.viii.1960.

Ivory Coast: 1 ex., Taï NP, Taï Research Station, 5-10.vii. 2015; 1 ex., Mt. Tonkouï Peak, 9-16.iv.2016; 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 3 ex., Taï NP, Taï Research Station, 25.iii-17.iv.2017.

Liberia: 1 ex., Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m 14-20.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics.

Sierra Leone: 1 ex., Tiwai Island, Moa River, 07°33'00"N 11°21'09"W, 120 m, 17-22.vi.2016, Edwards trap, H. Takano, W. Miles, R. Goff.

Remarks

New record for Liberia and Sierra Leone.

Adidactus striolatus (Fairmaire, 1897)

Zemioses striolatus Fairmaire, 1897: 187.

Adidactus infantulus Kolbe, 1916: 62.

Schizoadidactus dispositus Kleine, 1926: 359.

Adidactus tibialis Schedl, 1961a: 10.

Examined material

Gabon: 1 ex., Dilo ANPN camp, Ivindo, 14-26.iv.2016; 1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Ivory Coast: 2 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Mt. Tonkoui Peak, 16-21.vii.2016; 2 ex., Abidjan, Banco Forest, 21-30.iv.2017.

Tanzania: 2 ex., Arusha, 12.xii.1952.

Allagogus brunneus Gahan, 1909

Allagogus brunneus Gahan, 1909: 225.

Oxybasius brevithorax Kolbe, 1916: 61.

Oxybasius laticornis Kolbe, 1916: 61.

Oxybasius pectinicornis Kolbe, 1916: 61.

Oxybasius sulcirostris Kolbe, 1916: 61.

Phobetrum paradoxum Kleine, 1916: 33.

Diploholplizes armatus Kleine, 1916: 38.

Diploholplizes burgeoni De Muizon 1955a: 492.

Examined material

Ivory Coast: 2♂, 2♀, Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1♂, Mt. Nimba camp, 28.iv-8.v.2016; 1♂, Mt. Tonkoui Peak, 16-21.vii.2016; 5♂, 2♀, Taï NP, Taï Research Station, 27-31.iii.2017; 7♂, 14♀, Mikongo, Monts de Cristal, 28.vii-12.viii.2019; 1♀, Nyonié, 23-28.viii.2019.

Kenya: 1♂, "Kenya Colony", no date, H. Wilkinson.

Liberia: 1♂, Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m, 13-22.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics; 2♂, forest near Solve Problem village, 6.5 km NW of Jacksonville, Sinoe county, 05°26'25"N 09°07'39.9"W, 103 m, 23-28.i.2018, M. Geiser, Sz. Sáfián, G. Simonics.

Tanzania: 3♂, Ruvu Base Camp, x.1992.

Togo: 1♀, Fazao-Malfakassa NP, Mare aux Crocodiles campsite, Sudanian savannah/gallery forest, 08°44'58.8"N 00°48'51.8"E, 26.viii-8.ix.2018, actinic light trap, M. Aristophanous, M. Geiser, P. Moretto, B. Sanbena.

Uganda: 1 ex., Busalamu, xi.1967-i.1968.

Remarks

New record for Liberia and Togo.

Amphithetobrentus concolor (Kleine, 1916)

Schizoadidactus concolor Kleine, 1916: 22.

Genogogus congoensis Kleine, 1926: 357.

Examined material

Ivory Coast: 1♀, Mt. Tonkoui Peak, 9-16.iv.2016.

Autosebus burgeoni (De Muizon, 1959)

Microsebus burgeoni De Muizon, 1959: 74.

Examined material

Ivory Coast: 3 ex., Yéalé Village, Mt. Nimba, 18.iv-8.v.2016.

Liberia: 1 ex., Putu Range, eastern lowland, near Penoken (Petroken) Town, Grand Gedeh County, 240-500 m, 29-30.i.2018, light sheet (blended bulb 250W), M. Geiser, Sz. Sáfián, G. Simonics.

Nigeria: 2 ex., near Benin, 18.iv-12.v.1958.

Sierra Leone: 1 ex., Loma Mountains, farmland/forest mosaic, 09°07'47"N 11°05'24"W, 420 m, 11-15.vi.2016, light trap, H. Takano, W. Miles, R. Goff.

Remarks

New record for Liberia, Nigeria and Sierra Leone.

Autosebus kolbei (De Muizon, 1960)

Microsebus kolbei De Muizon, 1960: 88.

Examined material

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Tai NP, Tai Research Station, 26.iii-16.iv.2017; 2 ex., Mt. Tonkoui Peak, 20-27.v.2018.

Nigeria: 2 ex., near Benin, 19-27.v.1958.

Sierra Leone: 1 ex., Loma Mountains., 11-15.vi.2016; 1 ex., Tiwai Island, Moa River, 17-22.vi.2016.

Autosebus magnus Damoiseau, 1967

Autosebus magnus Damoiseau, 1967: 133.

Examined material

Ivory Coast: 1 ♀, Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ♀, Mt. Tonkoui Peak, 3-7.v.2017.

Autosebus setosellus Kolbe, 1916

Autometrus setosellus Kolbe, 1916: 57.

Microsebus calcaratus Calabresi, 1920: 20.

Examined material

Gabon: 1 ex., Ogooué-Ivindo N.P., 14-26.vi.2016.

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 28.viii.1960.

Azemius vaneyeni (De Muizon, 1959)

Acidotus vaneyeni De Muizon, 1959: 75.

Examined material

Gabon: 1 ex., Ogooué-Ivindo N.P., Ivindo Station de Reserche d'Ipassa, 00°30'43"N 12°48'12"E, 450 m, 14-26.vi.2016, light trap, E. Ruzzier, T. Tasane.

Ivory Coast: 3 ex., Yéalé Village, Mt. Nimba, 07°31'35.3"N 08°25'20.1"W, 380 m, 18-29.iv.2016, M. Aristophanous, M. Geiser, P. Moretto; 1 ex., Mt. Tonkoui Peak, 07°27'15.2"N 07°38'12.5"W, 1171 m, 16-21.vii. 2016, light trap, M. Aristophanous, P. Moretto.

Remarks

New record for Gabon and Ivory Coast.

Cormopus diversitarsis Kleine, 1916

Cormopus diversitarsis Kleine, 1916: 16.

Examined material

Ivory Coast: 1 ♀, Mt. Nimba camp, 07°35'15"N 08°25'05"W, 823 m, 18.iv-8.v.2016, M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Cormopus filum Kolbe, 1916

Cormopus filum Kolbe, 1916: 64.

Cormopus simplex Kleine, 1916: 17.

Examined material

Gabon: 5 ♂, 11 ♀, Mikongo, Monts de Cristal, 28.vii-12.viii.2019; 1 ♀, Dilo ANPN camp, Ivindo, 14-19.viii.2019; 1 ♀, Nyonié, 23-28.viii.2019.

Liberia: 1 ♂, Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m, 14-20.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics.

Sierra Leone: 1 ♀, Tiwai Island, Moa River, 07°33'00"N 11°21'09"W, 120 m 17-22.vi.2016, Edwards trap, H. Takano, W. Miles, R. Goff.

Remarks

New record for Liberia and Sierra Leone.

Cormopus penicillifer Kolbe, 1892

Cormopus penicillifer Kolbe, 1892: 167.

Cormopus edentatus Kleine, 1914b: 170.

Cormopus dilutus Kleine, 1944: 149.

Examined material

Gabon: 1♂, 7♀, Mikongo, Monts de Cristal, 28.vii-12.viii.2019.

Nigeria: 1♂, near Benin, 18-30.iv.1958.

Remarks

A darker male and 3 females from Gabon show a great similarity to the other specimens, although they show slight differences: we identify them as *Cormopus penicillifer* with some doubts.

Cormopus pumilio Kolbe, 1916

Cormopus pumilio Kolbe, 1916: 63.

Examined material

Gabon: 1♂, 1♀, Mikongo, Monts de Cristal, 28.vii-12.viii.2019.

Dentisebus fossicollis (Kolbe, 1916)

Autosebus fossicollis Kolbe, 1916: 57.

Examined material

Gabon: 1♂, Mikongo (Rougier), Monts de Cristal, secondary forest, 00°29'47"N 11°10'42"E, 430 m, 28.vii-12.viii.2019, lepiLED, J-L. Albert, M. Aristophanous, J. Mba, V. Dérozier, P. Moretto.

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 2♂, Abidjan, Banco Forest, 21-30.iv.2017.

Remarks

New record for Gabon.

Megalosebus babaulti De Muizon, 1955

Megalosebus babaulti De Muizon, 1955a: 518.

Examined material

Zambia: 1 ♀, Kapishya Hot Springs, Shiwa N'gandu Estate, 11°10'13"S 31°36'00"E, 1437 m, 17-21.xi.2016, Edwards trap, R. Smith, H. Takano, D. Oram.

Remarks

New record for Zambia.

Metusambius insularis Kolbe, 1916

Metusambius insularis Kolbe, 1916: 62.

Metusambius suspicax Kolbe, 1916: 62.

Prosogogus primoti Kleine, 1938: 103.

Examined material

Gabon: 1♀, Dilo ANPN camp, Ivindo, 14-19.viii.2019; 1♀, Nyonié, 23-28.viii.2019.

Ghana: 1♀, Kumasi, Ashanti, Bobiri Forest, 7.viii.1960.

Ivory Coast: 3♂, 6♀, Yéalé Village, Mt. Nimba, 18.iv-8.v.2016; 2♀, Taï NP, Taï Research Station, 25.iii-17.iv.2017; 2♂, 5♀, Abidjan, Banco Forest, 21-30.iv.2017; 3♀, Mt. Tonkouï Peak, 3-7.v.2017.

Liberia: 1♀, Pellokon town (clinic), Sinoe county, 05°40'43"N 08°35'26"W, 168 m, 22.i.2018, light trap (blended bulb 125W), M. Geiser, Sz. Sáfián, G. Simonics.

Nigeria: 1 ♀, near Benin, 18-30.v.1958, J. L. Gregory.

Remarks

New record for Liberia and Nigeria.

Nannobrenthus compressithorax (Senna, 1898)

Microsebus compressithorax Senna, 1898a: 370.

Nannobrenthus infantulus Kolbe, 1916: 60.

Rhytidopterus variabilis Kleine, 1916: 47.

Examined material

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 29.vii.1960, Imperial College Ghana Expedition, 1960.

Liberia: 1 ex., Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m, 13-22.i.2018, general collecting, M. Geiser, Sz. Sáfíán, G. Simonics.

Sierra Leone: 3 ex., Tiwai Island, Moa River, 07°33'00"N 11°21'09"W, 120 m, 17-22.vi.2016, general collecting, H. Takano, W. Miles, R. Goff (1 ex. in Malaise trap).

Remarks

New record for Liberia and Sierra Leone.

Neoxybasius fatuelus Kolbe, 1916

Neoxybasius fatuelus Kolbe, 1916: 61.

Phobetromimus simulans Kleine, 1916: 35.

Phobetromimus exiguus Kleine, 1916: 36.

Diplohooplizes unicolor Kleine, 1918: 56.

Examined material

Cameroon: 1 ex., Ebogo, Mbalmayo Forest Reserve, ii.1993.

Gabon: 2 ex., Mikongo (Rougier), Monts de Cristal, Secondary Forest, 00°29'47"N 11°10'42"E, 430 m, 28.vii-12.viii.2019, MV light, J-L. Albert, M. Aristophanous, J. Bie Mba, V. Dérozier, P. Moretto.

Ivory Coast: 1 ex, Mt. Nimba, 28.iv-8.v.2016; 3 ex., Taï NP, Taï Research Station, 27-31.iii.2017; 1 ex., Mt. Tonkoui Peak, 3-7.v. 2017.

Nigeria: 1 ex., Oyo State, Gambari Forest, 20.xi.1977, J. Riley.

Zambia: 1 ex., Nyangombe Falls, Miombo, riverine forest mosaic, 11°48'25"S 24°32'12"E, 1300 m, 15-17.xi.2017, MV light trap, M. Aristophanous, V. Derozier, G. Laszlo, D. Oram.

Remarks

New record for Gabon, Nigeria and Zambia.

Oncodemerus sennai Quentin, 1961

Oncodemerus sennai Quentin, 1961: 206.

Oncodemerus costipennis Senna, 1892: 160 (non Fairmaire, 1889) [see Quentin, 1961].

Examined material

Gabon: 1 ex., Ogooué-Ivindo N.P., 14-26.vi.2016.

Ghana: 6 ex., Kumasi, Ashanti, Bobiri Forest, 5.viii.1960.

Ivory Coast: 1 ex., Azagny NP, 26.xi-1.xii.2015; 5 ex., Yéalé Village, Mt. Nimba, 18.iv-8.v.2016; 1 ex., Mt. Tonkoui Peak, 9-16.iv. 2016; 1 ex., Mt. Tonkoui Peak, 16-21.vii. 2016; 4 ex., Taï NP, Taï Research Station, 25.iii-17.iv.2017.

Liberia: 1 ex., Grand Gedeh County, Putu Range, 29-30.i.2018.

Nigeria: 1 ex., Oyo State, Gambari Forest, 3.ix.1977, J. Riley.

São Thomé and Príncipe: 1 ex., Antenna, Bom Sucesso, 00°16'33.7"N 06°36'19.7"E, 1303 m, 21.x.2016, MV trap, C.R. Turner, T. Tasane; 1 ex., Roca Bombaim (montane forest plantation), 00°14'41.7"N 06°37'59.8"E, 482 m, 27-31.i.2018, MV light trap, M. Aristophanous, W. Miles.

Paramicrosebus angustirostris Damoiseau, 1962

Paramicrosebus angustirostris Damoiseau, 1962: 338.

Examined material

Ivory Coast: 1.ex., Taï NP, Taï Research Station 27-31.iii.2017.

Parasebasius meticulosus (Kolbe, 1916)

Sebasius meticulosus Kolbe, 1916: 60.

Glaucocephalus densepunctatus Kleine, 1936: 17.

Glaucocephalus versicolor Kleine, 1940: 245.

Examined material

Ivory Coast: 1 ex., Mt. Nimba, 3-6.v.2016.

Podozemius comparabilis (Kolbe, 1916)

Megalosebus comparabilis Kolbe, 1916: 58.

Microsebus kolbei Kleine, 1916: 41.

Rhytidopterus dilucidus Kleine, 1924: 99.

Podozemius mustus De Muizon 1955a: 510.

Examined material

Angola: 1 ex., Salazar, 9-15.iii.1972.

Gabon: 1 ex., Ogooué-Ivindo N.P., 25.vi.2016; 1 ex., Mikongo, Monts de Cristal, 28.vii-12.viii.2019;

1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Ghana: 3 ex., Kumasi, Ashanti, Bobiri Forest, 30.vii-6.viii.1960.

Ivory Coast: 8 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 5 ex., Taï NP, Taï Research Station 25.iii-17.iv.2017; 1 ex., Abidjan, Banco Forest, 21-30.iv.2017.

Liberia: 1 ex., Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m, 14-20.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics; 1 ex., Putu Range, eastern lowland, near Penoken (Petroken) Town, Grand Gedeh County, 05°38'57.6"N 08°09'43.04"W, 240-500 m, 29-31.i.2018, blended bulb (250W), M. Geiser, Sz. Sáfián, G. Simonics.

Nigeria: 1 ex., Ibadan, 2.xi.1956.

Zambia: 1 ex., Nkwaji, Mwinilunga, 11°36'22"S 24°33'17"E, 1316 m, 29.x-3.xi.2013, light trap, R. Smith, H. Takano, L. Chumurova, L. Smith.

Remarks

New record for Liberia and Zambia.

Protoproctus debilis Kolbe, 1916

Protoproctus debilis Kolbe, 1916: 59.

Anablyzostoma ferrugineum Kleine, 1916: 50.

Sebasius angustirostris K. E. Schedl, 1961b: 193.

Examined material

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Taï NP, Taï Research Station, 27-31.iii.2017.

Protoproctus minor (Schedl, 1961)

Sebasius minor Schedl, 1961b: 192.

Anablyzostoma ferrugineum De Muizon, 1960: 71.

Examined material

Ghana: 2 ex., Kumasi, Ashanti, Bobiri Forest, 23.viii.1960.

Ivory Coast: 1 ex., Mt. Tonkoui Peak, 16-21.vii.2016; 2. ex., Taï NP, Taï Research Station 25.iii-17.iv.2017.

Nigeria: 1 ex., Oyo State, Canibari Forest Reserve, 30.xi.1971.

Tanzania: 1 ex., Ukerewe Island, no date.

Protusambius praecursor Kolbe, 1916

Protusambius praecursor Kolbe, 1916: 62.

Schizoadidactus tibialis Kleine, 1916: 23.

Examined material

Gabon: 1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Pseudoparagogus foveatus Damoiseau, 1972

Pseudoparagogus foveatus Damoiseau, 1972: 261.

Examined material

Ivory Coast: 4 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Mt. Tonkouï Peak, 20-27.v.2018.

Pseudoparagogus longitarsis Damoiseau, 1961

Pseudoparagogus longitarsis Damoiseau, 1961: 281.

Examined material

Ivory Coast: 2 ex., Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 26.iii-17.iv.2017, general collecting, A. & M. Aristophanous, M. Geiser, P. Moretto; 1 ex., same data but light trap (~40 m above ground).

Pseudousambius silvanus (Kolbe, 1916)

Metusambius silvanus Kolbe, 1916: 62.

Pseudousambius overlaeti De Muizon 1955a: 483.

Examined material

Ivory Coast: 1 ♂, Abidjan, Banco Forest, 21-30.iv.2017.

Schizoadidactus napaesus (Kolbe, 1916)

Adidactus napaesus Kolbe, 1916: 62.

Schizoadidactus aethiops Kleine, 1916: 21.

Examined material

Angola: 1 ex., Salazar, 9-15.iii.1972.

Gabon: 2 ex., Dilo ANPN camp, Ivindo, Secondary forest, 00°14'01"N 12°17'49"E, 14-19.viii.2019, LepiLED, J-L. Albert, M. Aristophanous, J. Bie Mba, V. Derozier, P. Moretto.

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016.

Zambia: 1 ex., Hillwood, Ikelenge, 11°16'02"S 24°18'59"E, 21-28.x.2013, light trap, R. Smith, H. Takano, L. Chmurova, L. Smith; 1 ex., Kambishi, Jiwundu, 11°54'39"S 25°29'05"E, 18-19.x.2014, R. Smith, H. Takano, D. Oram.

Remarks

New record for Gabon and Zambia.

Sebasius strohmeieri (Kleine, 1916)

Stilbonotus strohmeieri Kleine, 1916: 79.

Examined material

Ivory Coast: 1 ♂, Yéalé Village, Mt. Nimba, 18-29.iv.2016.

Synsebasius roubaudi (De Muizon, 1955)

Glaucocephalus roubaudi De Muizon 1955a: 500.

Examined material

Ivory Coast: 4 ex., Yéalé Village, Mt. Nimba, 18.iv-8.v.2016; 1 ex., Taï NP, Taï Research Station, 25.iii-17.iv.2017

Synsebasius seminitens (Kleine, 1916)

Glaucocephalus seminitens Kleine, 1916: 85.

Examined material

Ivory Coast: 2 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Mt. Nimba camp, 28.iv-8.v.2016.

Tetanocephalus nigronitens Kleine, 1916

Tetanocephalus nigronitens Kleine, 1916: 68.

Examined material

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ♀, Abidjan, Banco Forest (Parc National du Banco), 05°23'03.8"N 04°03'11.2"W, 39-48 m, 21-30.iv.2017, MV light, A. & M. Aristophanous, M. Geiser, P. Moretto.

Liberia: 1 ♀, Putu Range, near Penoken (Petroken) Town, Grand Gedeh County, 05°38'57.6"N 08°09'43.04"W, 240-500 m, 29-31.i.2018, general collecting, M. Geiser, Sz. Sáfíán, G. Simonics.

Usambioproctus collarti (Damoiseau, 1963)

Xestocoryphus collarti Damoiseau, 1963a: 109.

Examined material

Gabon: 2 ♀, Mikongo (Rougier), Monts de Cristal, Secondary Forest, 00°29'47"N 11°10'42"E, 430 m, 28.vii-12.viii.2019, MV light, J-L. Albert, M. Aristophanous, J. Bie Mba, V. Dérozier, P. Moretto, NHM(E), 2020-19.

Ivory Coast: 1 ♀, Yéalé Village, Mt. Nimba, track before reserve border, 07°32'18.8"N 08°25'23.8"W, 376 m, 18-29.iv.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto, NHM(E)-2016-109, trip, Ref: CI-003 (ANHRT17); 1 ♀, Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 25.iii-17.iv.2017, MV light, A. & M. Aristophanous, M. Geiser, P. Moretto, NHM(E) 2017-93.

Remarks

New record for Gabon.

Usambioproctus compressicornis (Kleine, 1916)

Xestocoryphus compressicornis Kleine, 1916: 28.

Examined material

Ivory Coast: 1 ♀, Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ♀, Taï NP, Taï Research Station 26.iii-16.iv.2017; 1 ♂, Abidjan, Banco Forest, 21-30.iv.2017.

Usambioproctus decellei (Damoiseau, 1967)

Xestocoryphus decellei Damoiseau, 1967: 94.

Examined material

Ivory Coast: 1 ♂, Abidjan, Banco Forest, 21-30.iv.2017; 1 ♂, Dolla Ranch, 27-31.v.2018.

Usambioproctus dissimilis (Kleine, 1916)

Xestocoryphus dissimilis Kleine, 1916: 27.

Examined material

Gabon: 1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Usambioproctus gracilis (Kleine, 1916)

Xestocoryphus gracilis Kleine, 1916: 26.

Examined material

Cameroon: 1 ♀, Campo Ma'an National Park, (lowland rainforest), 02°16'56.4"N 09°57'03.5"E, 950 m, 10-22.iii.2018, MV light trap, E. Fotsing, K. Ishmael, W. Miles, Sz. Sáfíán.

Usambioproctus intermedius (Damoiseau, 1961)

Xestocoryphus intermedius Damoiseau, 1961: 280.

Examined material

Angola: 1 ex., Central, Bié Prov., near Kuemba, 23.xi.2012, T. Lackner.

Ivory Coast: 1♀, Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 26.iii-17.iv.2017, general collecting, A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Angola.

Usambioproctus muizoni (Damoiseau, 1963)

Xestocoryphus muizoni Damoiseau, 1963a: 113.

Xestocoryphus gracilis De Muizon, 1960: 64.

Examined material

Ivory Coast: 1♂, Mt. Tonkoui Peak, 9-16.iv.2016; 1♀, Yéalé Village, Mt. Nimba, 18-29.iv.2016.

Usambioproctus pierloti (Damoiseau, 1967)

Xestocoryphus pierloti Damoiseau, 1967: 95.

Examined material

Ivory Coast: 1♀, Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 27-31.iii.2017, canopy light trap (~40 m above ground), A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Usambius advena (Pascoe, 1863)

Cyphagogus advena Pascoe, 1863: 48.

Calodromus wahlbergii Fähræus, 1871: 433.

Usambius conradti Kolbe, 1892: 168.

Usambius conradti var. *laevis* Senna, 1898a: 370.

Examined material

Gabon: 3 ex., Ogooué-Ivindo N.P., 14-26.vi.2016; 8 ex., Mikongo, Monts de Cristal, 28.vii-12.viii.2019; 16 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Ghana: 2 ex., Kumasi, Ashanti, Bobiri Forest, 28.vii.1960; 2 ex., Kumasi, Ashanti, Bobiri Forest, 3-24.viii.1960.

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 2 ex., Taï NP, Taï Research Station, 27-30.iii.2017; 2 ex., Abidjan, Banco Forest, 21-30.iv.2017; 2 ex., Mt. Tonkoui, 9.iv-7.v.2017.

Liberia: 1 ex., Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m, 14-20.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics; 1 ex., forest near Solve Problem village, 6.5 km NW of Jacksonville, Sinoe county, 05°26'25"N 09°07'39.9"W, 103 m, 23-27.i.2018, MV light trap, M. Geiser, Sz. Sáfián, G. Simonics.

Mozambique: 1 ex., Maputo special reserve, West Gate (Sand Thicket), 26°30'14.2"S 32°42'59.6"E, 22 m, 24-25.ii.2018, actinic light trap, G. Laszlo, J. Mulvaney, L. Smith.

São Thomé and Príncipe: 1 ex., Antenna, Guadalupe, 31.x.2016; 1 ex., Roca Bombaim (montane forest plantation), 27-31.i.2018.

Tanzania: 1 ex., Ruvu Base Camp, x.1992; 1 ex., Udzungwa Mountains N.P., 27-30.xi.2010.

Togo: 1 ex., Fazao-Malfakassa NP, Point de vue campsite, Sudanian savannah, 08°48'50"N 00°49'03.2"E, 16-23.viii.2018, MV light trap, M. Aristophanous, M. Geiser, P. Moretto, B. Sanbena.

Remarks

New record for Liberia, Mozambique and Togo.

Usambius decellei Damoiseau, 1967

Usambius decellei Damoiseau, 1967: 49.

Examined material

Ivory Coast: 1 ex., Mt. Tonkouï Peak, 3-7.v. 2017.

Werneradidactus gen. n.

Type species. *Werneradidactus barclayi* Orbach & Bartolozzi, 2024

Diagnosis

Werneradidactus can be distinguished from the closely related genus *Schizoadidactus* Kleine, 1916 by the following characters: pronotum with two short lateral straight grooves near anterior margin, not forming the typical *Schizoadidactus* horseshoe shape; deep saw-tooth transverse incisions of sutural band starting only after 1/5 of elytra; interstria 3 glabrous and without trace of scales; posterior tibia well thickened distally but without any tooth; underside of head nearly flat and medially glabrous and shiny.

Etymology

The first part of the new genus name, *Werner-*, is in dedication to the late Karl Werner, good friend and partner of many entomological expeditions, and one of the collectors of the holotype of the type species. The second part of the name *-adidactus*, suggests a relationship to the genus *Adidactus*. The name should be treated as a masculine noun.

Discussion

We are aware that the description of a new monotypic genus in the tribe Cyphagogini, which is already excessively divided into numerous small genera, many of which arguably could fall into synonymy, is maybe not suitable (agreeing in this with A. Mantilleri, 2024, personal communication), but the morphological characters previously listed do not allow us to include it in any of the known genera. Therefore, we prefer to create a new genus, awaiting for a phylogenetic analysis of the whole group which will clarify the relationships among the genera.

The key for the tribe Cyphagogini proposed by DAMOISEAU (1989) should be modified as follows at couplet 22 to include the new genus:

- 22. Posterior metatarsi short and robust*Adidactus* Senna, 1894
- Posterior metatarsi long, as long as articles 2 and 3 together22a
- 22a. Posterior tibiae thickened distally, with lobe strongly toothed*Schizoadidactus* Kleine, 1916
- Posterior tibiae thickened distally, without tooth
.....*Werneradidactus* Orbach & Bartolozzi gen. n.

Werneradidactus barclayi sp. n. (Figs 1-3)

Examined material

Holotype male. **Tanzania:** 1 ♂, Dodoma Prov., near Mitundo, 10-16.xii.1999, K. Werner & R. Lizler (MZUF, collection Number 23293); Paratypes: 1 ♀, Morogoro District / Kimboza Forest Reserve / 2.xi.1991 / S. S. Madoffe // flight trap over / *Cedrela odorata* / *Khaya nyasica* / *Milicia excelsa* / TIE 22168 // *Schizoadidactus* sp. / det. M. L. Cox, 1992 (NHM); 1 ♀, E. Usambara / Amani, 800-1500 m / 13.viii.2003 / S. Kleynberg (EOCT).

Description

Size (in millimeters). Holotype male – Total length: 6.4, head and rostrum: 1.4, prothorax: 2.0, elytra: 3.0, max width (at elytra and prothorax): 1.0.

Body slender, elongate, parallel sided; color very dark brown, nearly black, prorostrum and antennae slightly lighter (Figs 1-2).

Head subsquare, slightly convex, distinctly separated from neck, surface with sparse superficial punctuation, eyes large, prominent, oval, temples about as eye diameter; Rostrum as long as head, nearly parallel sided, flat, mandibles small, directed downwards, metarostrum with small medial fovea, very slightly narrowing towards mesorostrum, prorostrum slightly widening, anteriorly with deep large median notch; underside of head flat, with median notch from base to center of head where

it becomes a deep fovea, and with lateral rows of thin erect hairs from base to base of pronotum; antennae short, slender, scape short, rounded, article 2 asymmetrical, articles 3-8 slightly transverse, 3 slightly longer than 4-8, 9 and 10 enlarged, subquadrate, 11 longer than 10 but shorter than 9 and 10 together, apically rounded.

Prothorax elongate, shiny, strongly compressed in front to receive femora, slightly rounded at lateral basal half, with lateral straight groove along anterior margin, with a few scattered short scales at basal sides of disc.

Elytra nearly as long as head, rostrum and prothorax together; parallel sided, all striae and interstriae present, interstriae larger than striae, sutural band large, with deep saw-tooth transverse incisions starting on 1/5 of elytra and ending on declivity, interstria 2 disappearing after first 1/5 of elytra, 3 slightly enlarged and flat, 4-9 subequal at width, and carinated, all striae narrower than interstriae, which are punctured.

Forelegs short, femora laterally compressed, tibiae shorter than femora ventrally with grooming device used as antenna cleaner, with short strong spur externally and a curved hooked longer tooth under tarsi; tarsi longer than tibia, first article long but not longer than 2 and 3 together; median legs about as long as forelegs but more slender, tarsal article 1 as long as 2 and 3 together; hind legs very long, as long as elytra, femora strongly compressed basally and thickened distally, well exceeding apex of elytra, tibia short, well thickened distally, tarsite 1 strong, longer than 2 and 3 together.

Underside smooth, shiny; metasternum slightly convex, without median groove, sternites 2 and 3 flat, 4 slightly convex.

Tegmen (Fig. 3) with very long parameroid lobes, which are slightly diverging distally, no observed setae on apex of parameroid lobes apodeme slightly thickened towards apex.

Female. The female paratypes are nearly identical to the male holotype in color, size and morphological characters except for very superficial crescent notches on each anterior lateral side of pronotum close to lateral straight groove along anterior margin, notches curving inwards and pointing outwards.

Etymology

We are greatly pleased to dedicate this new species to our colleague and friend Dr Maxwell Barclay, chief curator of Entomology at the Natural History Museum, London (UK), and current President of The Coleopterists Society (USA).

Distribution

The new species is known so far only from Central-Eastern Tanzania.

Discussion

The new species can be differentiated from the species of the closely related genus *Schizoadidactus* by not having the typical deep horseshoe excavation in anterior part of the pronotum, much narrower elytra with interstria 3 large and totally glabrous, hind femora with a swollen lobe which is not toothed, and underside of head flat, medially not longitudinally notched.



Fig. 1 - *Werneradidactus barclayi* gen. n. sp. n., Holotypus: habitus in lateral view.



Fig. 2 - *Werneradidactus barclayi* gen. n. sp. n., Holotypus: habitus in dorsal view



Fig. 3 - *Werneradidactus barclayi* gen. n. sp. n., Holotypus: tegmen.

Zemioses porcatus Pascoe, 1862

Zemioses porcatus Pascoe, 1862: 394.
Zemioses camerunus Kleine, 1914b: 164.
Zemioses camerunus var. *bicolor* Kolbe, 1916: 59.
Zemioses camerunus var. *densepunctatus* Kolbe, 1916: 59.
Zemioses camerunus var. *nigricollis* Kolbe, 1916: 59.
Dactylobarus carbonarius Kleine, 1916: 63.
Dactylobarus fraterculus Kleine, 1916: 65.

Examined material

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 30.vii.1960.
Ivory Coast: 1 ex., Mt. Tonkoui Peak, 16-21.vii. 2016; 1 ex., Tai NP, Tai Research Station, 27-31.iii.2017; 1 ex., Abidjan, Banco Forest, 21-30.iv.2017; 4 ex., Mt. Tonkoui Peak, 3-7.v. 2017; 1 ex., Denguele Forest, 6-14.vi.2018.
Liberia: 2 ex., Krahn-Bassa Reserve, Sinoe county, 13-22.i.2018; 1 ex., Putu Range, Mt. Jideh Ridge, Grand Gedeh County, 29-30.i.2018.
Nigeria: 3 ex., near Benin, 1-30.iv.1958, J. L. Gregory; 1 ex., near Benin, 13-19.v.1958, J. L. Gregory; 1 ex., Oyo State, Gambari Forest, 7.i.1978, J. Riley.
Sierra Leone: 1 ex., Kangari Hills Forest Reserve, ix.2009; 6 ex., Tiwai Island, Moa River, 7-22.vi.2016; 2 ex., Moa River, Kambama Village, 22.vi.2016.
Zambia: 1 ex., Lumangwe Falls, 20-22.xi.2012; 1 ex., Manda N.P., 27-29.xi.2012; 1 ex., Lukulu Barotse Floodplain, 9.xi.2013.

Remarks

New record for Nigeria.

Zemioses rufostriatus (Kleine, 1914)

Dactylobarus rufostriatus Kleine, 1914b: 160.

Examined material

Gabon: 1 ex., Ogooué-Ivindo N.P., 14-26.vi.2016; 1 ex., Mikongo, Monts de Cristal, 28.vii-12.viii.2019.
Ivory Coast: 2 ex., Tai NP, Tai Research Station, 26.iii-17.iv.2017; 2 ex., Abidjan, Banco Forest, 21-30.iv.2017.
São Thomé and Príncipe: 1 ex., Antenna, Bom Sucesso, 00°16'33.7"N 06°36'19.7"E, 1303 m, 21.x.2016, MV trap, C.R. Turner, T. Tasane; 1 ex., same data but 28.x.2016.

STEREODERMINI Sharp, 1895

Cerobates (Cerobates) complanatus Senna, 1896

Cerobates complanatus Senna, 1896: 217.

Examined material

Gabon: 1 ex., Nyonié, 23-28.viii.2019.
Ivory Coast: 2 ex., Yéalé Village, Mt. Nimba, 18.iv-8.v.2016; 2 ex., Tai NP, Tai Research Station, 25.iii-16.iv.2017.
Nigeria: 1 ex., Ibadan, 2.v.1957; 2 ex., near Benin, 2-18.v.1958.
Tanzania: 1 ex., Amani, i.1955, collector name not readable, C. E. Tottenham collection.

Remarks

New record for Tanzania.

Cerobates (Cerobates) conveniens Kleine, 1924

Cerobates conveniens Kleine, 1924:100.

Examined material

Gabon: 1 ex., Ogooué-Ivindo N.P., 14-26.vi.2016; 1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Ivory Coast: 2 ex., Mt. Tonkoui, 1-8.xi.2015; 3 ex., Mt. Nimba, 18.iv-8.v.2016; 2 ex., Mt. Tonkoui, 16-21.vii.2016; 1 ex., Taï NP, Taï Research Station, 27-31.iii.2017.

Liberia: 1 ex., ♂, Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 140 m, 14-20.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics.

Remarks

New record for Liberia.

Cerobates (Cerobates) copiosus copiosus Kleine, 1924

Cerobates copiosus copiosus Kleine, 1924: 101.

Examined material

Gabon: 1 ex., Ogooué-Ivindo N.P., 14-26.vi.2016.

Ivory Coast: 1 ex., Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 29.iii-17.iv.2017, flight interception trap, A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Cerobates (Cerobates) copiosus projectus Kleine, 1934

Cerobates copiosus projectus Kleine, 1934: 301.

Examined material

Ivory Coast: 1 ex., Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 25.iii-17.iv.2017, MV light, A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Cerobates (Cerobates) corruptus Kleine, 1926

Cerobates corruptus Kleine, 1926: 362.

Examined material

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 5.viii.1960, Imperial College Ghana Expedition, 1960.

Ivory Coast: 3 ex., Mt. Tonkoui Peak, 9-16.iv. 2016, 3-7.v.2017, 20-27.v.2018; 4 ex., Taï NP, Taï Research Station, 26.iii-17.iv.2017; 1 ex., Abidjan, Banco Forest, 22.iv-1.v.2017.

Cerobates (Cerobates) debilis J. Thomson, 1858

Cerobates debilis J. Thomson, 1858: 118.

Examined material

Gabon: 2 ex., Ogooué-Ivindo N.P., 14-26.vi.2016.

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 8.v.2016.

Sierra Leone: 3 ex., Tiwai Island, Moa River, 7-22.vi.2016.

Cerobates (Cerobates) dilutus Kleine, 1924

Cerobates dilutus Kleine, 1924: 102.

Cerobates fortunatus Kleine, 1924: 103.

Examined material

Ivory Coast: 1 ex., Mt. Tonkoui, 1-8.xi.2015; 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Taï NP, Taï Research Station, 26.iii-17.iv.2017.

Cerobates (Cerobates) fleutiauxi De Muizon, 1955

Cerobates fleutiauxi De Muizon 1955b: 883.

Examined material

Liberia: 1 ex., Putu Range, Mt. Jideh Ridge, Grand Gedeh County, 05°38'34.79"N 08°11'02.15"W, 700 m, 30-31.i.2018, general collecting, M. Geiser, Sz. Sáfián, G. Simonics.

Remarks

New record for Liberia.

Cerobates (Cerobates) hybridus Senna, 1898

Cerobates hybridus Senna, 1898b: 371.

Cerobates aduncus Kleine, 1922b: 205.

Examined material

Gabon: 1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 3.viii.1960.

Ivory Coast: 3 ex., Azagny NP, 26.xi-1.xii.2015; 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016.

Cerobates (Cerobates) sennae Calabresi, 1920

Cerobates sennae Calabresi, 1920: 25.

Examined material

Ivory Coast: 1 ex., Azagny NP, 26.xi-1.xii.2015; 1 ex., Mt Nimba, 18-29.iv.2016; 1 ex., Mt. Tonkoui Peak, 20-27.v.2018.

Cerobates (Cerobates) sulcatus sulcirostris J. Thomson, 1858

Cerobates sulcatus sulcirostris J. Thomson, 1858: 119.

Examined material

Ghana: 1 ex., Kumasi, Ashanti, Bobiri Forest, 5.viii.1960.

Ivory Coast: 4 ex., Mt Nimba, 18.iv-8.v.2016; 2 ex., Taï NP, Taï Research Station, 26.iii-17.iv.2017; 1 ex, Abidjan, Banco Forest, 22.iv-1.v.2017; 8 ex., Mt. Tonkoui, 9.iv-7.v.2017.

Nigeria: 1 ex., Oyo State, Canibari Forest Reserve, 2.x.1976, J. Riley.

Sierra Leone: 1 ex., Fandala-Mansonia Junction, foothills of Loma Mountains, 09°04'01"N 11°03'08"W, 430 m, 6.vi.2016, general collecting, H. Takano, W. Miles, R. Goff.

Tanzania: 1 ex., Gonja, Chome N.P., South Pare Mountains, 2-4.xii.2011.

Remarks

Although being a common species widespread in Tropical Africa, it is recorded hereby for the first time from Nigeria and Sierra Leone.

***Cerobates (Cerobates)* sp.**

Examined material

Ivory Coast: 1♂, Azagny NP, 05°14'33.7"N 04°48'06.2"W, 59 m, 26.xi-1.xii.2015, general collecting, M. Aristophanous, P. Moretto, E. Ruzzier, NHM (E) 2015-177

Remarks

The specimen is close to *Cerobates (Cerobates) fleutiauxi*, but its prothorax shape and texture do not allow us to place it within this species. Further study is needed.

Cerobates (Ionthocerus) burgeoni (De Muizon, 1955)

Ionthocerus burgeoni De Muizon 1955b: 873.

Examined material

Ivory Coast: 3♂, Yéalé Village, Mt. Nimba, 07°31'35.3"N 08°25'20.1"W, 380 m, 18-29.iv.2016, M. Aristophanous, M. Geiser, P. Moretto; 2♂, Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 27-30.iii.2017, canopy, A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Cerobates (Ionthocerus) conradti (Senna, 1898)

Ionthocerus conradti Senna, 1898b: 374.

Examined material

Gabon: 1 ex., Mikongo, Monts de Cristal, 28.vii-12.viii.2019.

Ivory Coast: 4♂, Yéalé Village, Mt. Nimba, 18-29.iv.2016.

Sierra Leone: 1 ex., Loma Mountains, 1-15.vi.2016.

Cerobates (Ionthocerus) elegans (Damoiseau, 1963)

Ionthocerus elegans Damoiseau, 1963a: 112.

Examined material

Ivory Coast: 1♀, Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 27-31.iii.2017, canopy, light trap (~40 m above ground), A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Cerobates (Ionthocerus) usambaricus Senna, 1896

Cerobates usambaricus Senna, 1896: 213.

Cerobates punctulatus Senna, 1898a: 373.

Examined material

Ivory Coast: 3 ex., Taï NP, Taï Research Station, 5-10.viii.2015; 25.iii-17.iv.2017.

Liberia: 1 ex., Foya Proposed Protection Area, Lofa County, 07°56'36"N 10°16'36"W, 530 m 15-19.xi.2017, general collecting, M. Aristophanous, Sz. Sáfián, G. Simonics, L. Smith.

Remarks

New record for Liberia.

Pseudanchisteus neglectus Kleine, 1922

Pseudanchisteus neglectus Kleine, 1922d: 137.

Examined material

Ivory Coast: 1♂, Yéalé Village, Mt. Nimba, track before reserve border, 07°32'18.8"N 08°25'23.8"W, 376 m, 18-29.iv.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto; 1♂, Mt. Nimba camp, closed forest, 07°35'07.7"N 08°25'08.6"W, 801 m, 28.iv-8.v.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto (retained in EOCT).

Remarks

New record for Ivory Coast.

TAPHRODERINAE Lacordaire, 1866

Bolbocranius bicolor Senna, 1898

Bolbocranius bicolor Senna, 1898a: 371.

Bolbocranius parvulus De Muizon, 1955b: 912.

Examined material

Ivory Coast: 1♂, Yéalé Village, Mt. Nimba, 18-29.iv.2016, general collecting.

Zambia: 1♂, 1340 m, Jiwundu Swamp, 11°51'54"S 25°33'20"E, 25-30.x.2017, Edwards' trap, M. Carter, A. Lloyd, W. Miles, D. Oram, R. Smith, ANHRT: 2017.27, ZM-011, NHM(E) 2017-194.

Remarks

The male from Zambia is morphologically identical to *B. bicolor* except for its color, which is completely black.

New record of the genus and species for Zambia.

Bolbocranius csikii (Bolkay, 1910)

Anisognathus csikii Bolkay, 1910: 182.

Anisognathus distortus Auct. (nec Westwood, 1849).

Anisognathus bolkay Kleine, 1914b: 170.

Examined material

Gabon: 2♂, 2♀, Dilo ANPN camp, Ivindo, 14-19.viii.2019; 1♂, Nyonié, 23-28.viii.2019.

Bolbocranius delhaisei (Damoiseau, 1963)

Bolbocephalus delhaisei Damoiseau, 1963c: 7.

Examined material

Uganda: 1♂, Budongo Forest, 7.iv.1965, ex *Celtis zenkery*, E. A. (=East Africa) Forest Survey, Tecwyn Jones; 1♂, Mabira Forest, 11.x.1965, Uganda Forest Insect Survey, ex *Albizia zygia*.

Remarks

New record for Uganda.

Bolbocranius mechowi (Kolbe, 1883)

Anisognathus mechowi Kolbe, 1883a: 234.

Examined material

Uganda: 2♀, Budongo Forest, 30.vi.1965, ex *Alstonia boonei*, E. A. (=East Africa) Forest Survey, Tecwyn Jones; 1♀, Budongo Forest, 18.ii.1966, Uganda Forest Insect Survey.

Zambia: 1♀, Zambia, 1147 m, Lukwakwa, West Lunga NP, *Cryptosepalum* Forest Dambo, 12°39'40"S 24°26'13"E, 9-15.xi.2018, MV light trap, M. Aristophanous, V. Derozier, G. Laszlo, D. Oram.

Remarks

New record for Uganda and Zambia.

Bolbocranius modicus (Kolbe, 1916)

Bolbocephalus modicus Kolbe, 1916: 65.

Examined material

Gabon: 1♀, Mikongo, Monts de Cristal, 28.vii-12.viii.2019.

Bolbocranius opacus Kolbe, 1916

Bolbocranius opacus Kolbe, 1916: 66.

Bolbocranius ephippium Kleine, 1916: 81.

Bolbocephalus recens Kleine, 1934: 306.

Examined material

Zambia: 1♀, Kambishi, Jiwundu, 18-19.x.2014.

***Bolbocranius* sp.**

Examined material

Liberia: 1♀, 140 m / Krahn-Bassa Reserve, 7.5 km SW Pellokon town, Juboe River, Sinoe county, 05°39'04"N 08°39'04"W, 14-21.i.2018, MV light trap (125W), M. Geiser, Sz. Sáfián, G. Simonics, ANHRT 28, LR-001, NHM (E) 2018-39.

Remarks

The specimen is extremely small, the first one of this genus to be recorded from Liberia. It looks close to *Bolbocranius opacus* but with shiny head and prothorax. More material including a male specimen is needed for future study.

TRACHELIZINAE Lacordaire, 1866
MICROTRACHELIZINI Zimmerman, 1994

Entomopisthius leleupi De Muizon, 1959

Entomopisthius leleupi De Muizon, 1959: 77.

Entomopisthius perstriatus Damoiseau, 1961: 284.

Carcinopisthius emarginatus Schedl, 1961b: 199.

Examined material

Gabon: 1 ex., Dilo ANPN camp, Ivindo, 14-19.viii.2019.

Microtrachelizus rectestriatus (Fairmaire, 1897)

Cerobates rectestriatus Fairmaire, 1897: 195.

Microtrachelizus aethiopicus Calabresi, 1920: 27.

Ceunonus minutus Kleine, 1922d: 139.

Microtrachelizus sordidus Kleine, 1922d: 144.

Microtrachelizus copulatus Kleine, 1924: 103.

Microtrachelizus captiosus Kleine, 1924: 104.

Examined material

Gabon: 4 ex., Ogooué-Ivindo N.P., 14-26.vi.2016; 1 ex., Mikongo, Monts de Cristal, 28.vii-12.viii.2019.

Ghana: 9 ex., Kumasi, Ashanti, Bobiri Forest, 23.viii.1960.

Ivory Coast: 1 ex., Azagny NP, 26.xi-1.xii.2015; 8 ex., Yéalé Village, Mt. Nimba, 18.iv-8.v.2016; 4 ex., Mt. Tonkoui Peak, 9.iv-27.v.2016; 4 ex., Taï NP, Taï Research Station, 27.iii-17.iv.2017; 2 ex., Abidjan, Banco Forest, 21-30.iv.2017; 3 ex., Mt. Tonkoui Peak, 20-27.v.2018; 1 ex., Dolla Ranch, 27.v-5.vi.2018.

Liberia: 1 ex., Wologizi Mts., Ridge Camp, Lofa County, 08°07'10"N 09°57'11"W, 865 m, 24-29.xi.2017, general collecting, M. Aristophanous, Sz. Sáfián G. Simonics, L. Smith; 1 ex., Nimba Mts. camp, ENNR Nimba County, 07°31'45"N 08°31'37"W, 1165 m, 3-13.xii.2017, light trap (125W MV), M. Aristophanous, Sz. Sáfián G. Simonics, L. Smith.

Nigeria: 1 ex., near Benin, 19-27.v.1958, J. L. Gregory.

Remarks

New record for Liberia.

Parapisthius suturalis (Damoiseau, 1961)

Entomopisthius suturalis Damoiseau, 1961: 285.

Examined material

Ivory Coast: 1 ex., Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 27-31.iii.2017 canopy light trap, (~40 m above ground), A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

PSEUDOCEOCEPHALINI Kleine, 1922

Anampyx allardi Damoiseau, 1967

Anampyx allardi Damoiseau, 1967: 310.

Examined material

Ivory Coast: 1♂, Mt. Tonkoui Peak, 9-16.iv.2016; 1♀, Taï NP, Taï Research Station, 26.iii-17.iv.2017.

Anampyx edentulus Damoiseau, 1963

Anampyx edentulus Damoiseau, 1963a: 135.

Examined material

Liberia: 2♂, forest near Solve Problem village, 6.5 km NW of Jacksonville, Sinoe county, 05°26'25"N 09°07'39.9"W, 103 m, 23-28.i.2018, M. Geiser, Sz. Sáfián, G. Simonics.

Zambia: 1♀, Lukangaba Forest Reserve, Mansa, 11°25'18"S 28°58'34"E, 1320 m, 30-31.x.2014, light trap, R. Smith, Takano, D. Oram.

Remarks

New record for Liberia and Zambia.

Anampyx maculatus (Kleine, 1920)

Mygaleicus maculatus Kleine, 1920: 40.

Examined material

Cameroon: 1♀, Campo Ma'an National Park, 10-22.iii.2018.

Ivory Coast: 1♀, Yéalé Village, Mt. Nimba, 18-29.iv.2016.

Liberia: 1♂, 1♀, forest near Solve Problem village, 6.5 km NW of Jacksonville, Sinoe county, 05°26'25"N 09°07'39.9"W, 103 m, 23-28.i.2018, general collecting, M. Geiser, Sz. Sáfián, G. Simonics.

Remarks

New record for Liberia.

Eumecopodus burgeoni De Muizon, 1959

Eumecopodus burgeoni De Muizon, 1959: 79.

Examined material

Ivory Coast: 1♀, Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1♂, Taï NP, Taï Research Station, 25.iii-17.iv.2017.

Eumecopodus longicornis Calabresi, 1920

Eumecopodus longicornis Calabresi, 1920: 40.

Pelochroma lutulentum Kleine, 1922d: 151.

Examined material

Ivory Coast: 1♂, Taï NP, Taï Research Station, 27-30.iii.2017.

Gynandrorhynchus audax (Kleine, 1923)

Mygaleicus audax Kleine, 1923: 137.

Examined material

Ivory Coast: 1♂, Abidjan, Banco Forest, 21-30.iv.2017.

Gynandrorhynchus politus Damoiseau, 1967

Gynandrorhynchus politus Damoiseau, 1967: 300.

Examined material

Ivory Coast: 1♀, Yéalé Village, Mt. Nimba, track before reserve border, 07°32'18.8"N 08°25'23.8"W, 376 m, 18-29.iv.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Gynandrorhynchus tarsalis (Kleine, 1920)

Mygaleicus tarsalis Kleine, 1920: 37.

Examined material

Ivory Coast: 1♀, Yéalé Village, Mt. Nimba, 18-29.iv.2017.

Zambia: 1♂, 1♀, Ndole Bay, on the shore of Lake Tanganyika, 08°28'42"S 30°26'59"E, 777 m, 23-25.xi.2012, light trap, R., Smith, H., Takano; 2♂, Hillwood, Ikelenge, 11°16'02"S 24°18'54"E, 1400

m, 21-28.x.2013, light trap, R. Smith, H. Takano, L. Chumurova, L. Smith; 1♂, Lukwakua, West Lunga N.P., 12°39'40"S 24°26'13"E, 1147 m, 4-8.xi.2013, light trap, R. Smith, H. Takano, D. Oram.

Remarks

New record for Zambia.

Gynandrorhynchus vittipennis (Fåhraeus, 1871)

Brentus vittipennis Fåhraeus, 1871: 435.

Mygaleicus vittipennis var. *nitida* Calabresi, 1920: 37.

Mygaleicus persimilis Damoiseau, 1963d: 46.

Examined material

Ivory Coast: 1 ex., Mt. Tonkoui Peak, 12-18.vii.2015; 1 ex., Azangy N.P., 26.xi-1.xii.2015; 2 ex., Mt. Tonkoui Peak, 9-16.iv.2016; 1 ex., Mt. Tonkoui Peak, 16-21.vii.2016; 3 ex., Abidjan, Banco Forest, 21-30.iv.2017; 1 ex., Mt. Tonkoui Peak, 20-27.v.2018.

Mozambique: 1 ex., Maputo special reserve, West Gate (sand thicket), 26°30'14.2"S 32°42'59.6"E, 22 m, 21-30.xi.2016, light trap, M. Aristophanous, J. Cristóvão, G. Laszlo, W. Miles.

Republic of Guinea: 1 ex., Ditinn, 18-25.ix.2019; 1 ex., Dalaba, 25-28.ix.2019.

São Thomé and Príncipe: 1 ex., 1303 m, Antenna, Bom Sucesso, 19.x.2016; 1 ex., same data except 20.x.2016.

Sierra Leone: 2 ex., Tiwai Island, Moa River, 17-22.vi.2016.

Tanzania: 1 ex., Udzungwa Mountains N.P., 9-11.iv.2011; 1 ex., South Pare Mountains, 2-4.xii.2011.

Zambia: 1 ex., Ndole Bay, on the shore of Lake Tanganyika, 08°28'42"S 30°26'59"E, 777 m, 23-25.xi.2012, light trap, R. Smith, H. Takano; 1 ex., Mayukuyuku, Kafue N.P., 14°54'55"S 26°03'47"E, 1080 m, 21-26.xi.2013, light trap, R. Smith, H. Takano, D. Oram.

Remarks

New record for Mozambique and Zambia.

Isoceocephalus rufescens Quentin, 1966

Isoceocephalus rufescens Quentin, 1966: 1639.

Pseudoceocephalus pruinosus Kleine, 1922a: 156.

Examined material

Cameroon: 1 ex., "Kamerun", 1920.

Ivory Coast: 1 ex., Bringakro lake, 19-20.iii.2002; 1 ex., Kakpin village, Comoé, 27.vi-2.vii.2015; 2 ex., Mt. Sangbe N.P., 10-13.xi.2015.

Uganda: 1 ex., Entebbe, 10-14.ii.1914.

Nothogaster laevicollis (J. Thomson, 1858)

Centrophorus laevicollis J. Thomson, 1858: 120.

Examined material

Angola: 2 ex., "Angola", no date; 2 ex., Salazar, 9-15.iii.1972; 1 ex., 7 miles W Gabela, 16-18.iii.1972.

Zambia: 1 ex., Nkwaji, Mwinilunga, 11°36'22"S 24°33'17"E, 1316 m, 29.x-3.xi.2013, light trap, R. Smith, H. Takano, L. Chumurova, L. Smith; 1 ex., Lukwakua, West Lunga N.P., 12°39'40"S 24°26'13"E, 1147 m, 4-8.xi.2013, light trap, R. Smith, H. Takano, D. Oram.

Remarks

New record for Zambia.

Nothogaster picipes (Olivier, 1807)

Brentus picipes Olivier, 1807: 442.

Examined material

Angola: 1 ex., "Angola", no date; 1 ex., Bié Prov., 24.xi.2012.

Ghana: 1 ex., Gold Coast, Aburi, 1912-1913; 2 ex., Kumasi, Ashanti, Bobiri Forest, 29.vii-7.viii.1960; 1 ex., Akosombo, ix.1982.

Ivory Coast: 1 ex., Telo Village, near Sangbe N.P., 10-13.xi.2015; 1 ex., Taï NP, Taï Research Station, 25.iii-17.iv.2017; 5 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2017; 3 ex., Abidjan, Banco Forest, 21-30.iv.2017.

Malawi: 1 ex., Nyasaland, Mlanje (Mulanje), 2.vi.1913.

Mozambique: 5 ex., Beira, 22.viii-22.x.1903.

Nigeria: 1 ex., near Benin, 1-12.v.1958; 1 ex., near Ibadan, 11.i.1965.

Sierra Leone: 3 ex., Tiwai Island, Moa River, 17-22.vi.2016.

South Africa: 2 ex., "South Africa", no date; 1 ex., Natal, i.1904; 3 ex., Port Natal, (1905?); 3 ex., Zululand, Eshowe, 23.iv-31.v.1926.

Tanzania: 2 ex., Konga, Morogoro, x.1922; 2 ex., Matumbi Highlands, 21-30.xi.1989.

Zambia: 3 ex., Ndole Bay, on the shore of Lake Tanganyika, 08°28'42"S 30°26'59"E, 777 m, 23-25.xi.2012, light trap, R. Smith, H. Takano; 1 ex., Lavushi Manda Hills, Lavushi Manda N.P., 12°23'12"S 30°52'02"E, 1470 m, 27-29.xi.2012, R. Smith, H. Takano; 1 ex., Kasanka River Pontoon, Kasanka N.P., 12°34'23"S 30°14'05"E, 1191 m, 2-4.xii.2012, light trap, R. Smith, H. Takano; 1 ex., Hillwood, Ikelenge, 11°16'02"S 24°18'54"E, 1400 m, 21-28.x.2013, light trap, R. Smith, H. Takano, L. Chumurova, L. Smith; 2 ex., Lukulu Barotse floodplain, 14°12'42"S 23°19'06"E, 1050 m, 9.xi.2013, light trap, R. Smith, H. Takano; 2 ex., Lyangu Liuwa Plain N.P., 14°46'51"S 22°34'44"E, 1035 m, 12-15.xi.2013, light trap, R. Smith, H. Takano.

Uganda: 1 ex., Entebbe, no date; 1 ex., East Ruwenzori, 1906.

Remarks

New record for Malawi and Zambia.

Nothogaster punctatissimus (Kleine, 1920)

Pseudoceocephalus punctatissimus Kleine, 1920: 30.

Examined material

Angola: 1 ex., 7 miles W Gabela, 16-18.iii.1972.

Cameroon: 1 ex., Mbalmayo Forest Reserve, Bilik, xi.1993.

Paryphobrenthus latirostris (Gerstäcker, 1855)

Ceocephalus latirostris Gerstäcker, 1855: 83.

Paryphobrenthus beringei Kolbe, 1897: 287.

Examined material

Malawi: 1♀, Chiromo, xi.1918.

Zambia: 1♂, Ndole Bay, 23-25.xi.2012; 2♂, 2♀, Kasanka River Pontoon, Kasanka N.P., 2-4.xii.2012; 1♂, Hillwood, Ikelenge, 21-28.x.2013; 1♂, Kafue N.P., 21-26.xi.2013; 1♀, Mpika, Northern Prov., 14-17.ii.2019.

Pithoderes gestri Calabresi, 1920

Pithoderes gestri Calabresi, 1920: 43.

Pithoderes corporatus Kleine, 1924: 108.

Examined material

Ivory Coast: 1♀, Mt. Tonkouli Peak, 3-7.v.2017.

Liberia: 1♂, Pellokon town (clinic), Sinoe county, 05°40'43"N 08°35'26"W, 168 m 22.i.2018, light trap, (blended bulb 250W), M. Geiser, Sz. Sáfián, G. Simonics.

Remarks

New record for Liberia.

Pseudoceocephalus depressus (Lund, 1800)

Brentus depressus Lund, 1800: 83.

Examined material

Ghana: 1 ex., Tafo, 15.ix.1945.

Ivory Coast: 1 ex., Mt. Tonkouï Peak, 3-7.v.2017.

Nigeria: 1 ex., near Benin, 2-18.iv.1958, J. L. Gregory.

Remarks

New record for Nigeria.

Pseudocecephalus formosus Kleine, 1934

Pseudocecephalus formosus Kleine, 1934.

Examined material

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, track before reserve border, 07°32'18.8"N 08°25'23.8"W, 376 m, 18-29.iv.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto; 1 ex., Mt. Tonkouï Peak, 07°27'15.2"N 07°38'12.5"W, 1171 m, 16-21.vii. 2016, light trap, M. Aristophanous, P. Moretto; 1 ex., Taï NP, Taï Research Station (SRET), 05°50'00"N 07°20'32.0"W, 174 m, 26.iii-17.iv.2017, general collecting, A. & M. Aristophanous, M. Geiser, P. Moretto.

Remarks

New record for Ivory Coast.

Pseudomygaleicus brunneus De Muizon, 1960

Pseudomygaleicus brunneus De Muizon, 1960: 196.

Examined material

Ivory Coast: 1 ex., Yéalé Village, Mt. Nimba, 18-29.iv.2016; 1 ex., Mt. Tonkouï Peak, 3-7.v.2017.

Nigeria: 1 ex., near Benin, 2-18.iv.1958.

Remarks

New record for Nigeria.

Pseudomygaleicus georgei (Karsch, 1881)

Ceocephalus georgei Karsch, 1881: 61.

Examined material

São Thomé and Príncipe: 4 ex., Antenna, Bom Sucesso, 19-29.x.2016; 1 ex., Antenna, Bom Sucesso, 22-25.i.2017; 1 ex., Roca Bombaim, 27-31.i.2018.

Pseudomygaleicus grandis (Damoiseau, 1963)

Mygaleicus grandis Damoiseau, 1963a: 130.

Examined material

Ivory Coast: 1 ex., Mt. Nimba, 28.iv-8.5.2016.

Zambia: 1 ex., Zambia, Lukwakwa, West Lunga NP, 12°39'40"S 24°26'13"E, 1147 m, 4-8.xi.2013, R. Smith, H. Takano, D. Oram; 1 ex., Lyangu Liuwa Plain N.P., 14°46'51"S 22°34'44"E, 1035 m, 12-15.xi.2013, light trap, R. Smith, H. Takano.

Remarks

New record for Zambia.

Pseudomygaleicus humilis Damoiseau, 1963

Pseudomygaleicus humilis Damoiseau, 1963d: 44.

Examined material

Ethiopia(?): 1 ex., "Abyss^a".

Remarks

The label under the specimen does not specify any date or other collecting data. We assume that "Abyss^a", the only word present on the label, is Abyssinia, modern days Ethiopia. A second label refers to the source of the specimen in the collection: Fry Coll., 1905-100.

Pseudomygaleicus humilis is known so far only from the Democratic Republic of the Congo (ex Zaire). If indeed the specimen was collected in Ethiopia, this should be the first record of the species from East Africa. For the time being, we prefer to leave the locality with a question mark.

Pseudomygaleicus surdus Damoiseau, 1967

Pseudomygaleicus surdus Damoiseau, 1967: 281.

Examined material

Republic of Guinea: 1 ex., Ditinn, Chute de Ditinn, (Guinea savannah & gallery forest), 10°49'08"N 12°11'30"E, 771 m, 18-25.ix.2019, MV light trap, M. Geiser, M. Leno, S. Koivogui, W. Miles, L. Mulvaney, Sz. Sáfíán.

Remarks

New record for Republic of Guinea.

Pyresthema kuntzeni Kleine, 1922

Pyresthema kuntzeni Kleine, 1922d: 153.

Examined material

Ivory Coast: 1♂, 376 m, Yéalé Village, Mt. Nimba, track before reserve border, 07°32'18.8"N 08°25'23.8"W, 18-29.iv.2016, general collecting, M. Aristophanous, M. Geiser, P. Moretto, NHM(E) 2016-109 Trip, Ref: CI-003 (ANHRT 17).

Remarks

New record for Ivory Coast.

Rhinopteryx foveipennis (J. Thomson, 1858)

Ceocephalus foveipennis J. Thomson, 1858: 119.

Rhinopteryx errans Kolbe, 1883b: 36.

Rhinopteryx carinaerostris Kleine, 1914a: 190.

Examined material

Angola: 1♂, 1♀, Salazar, 9-15.iii.1972.

Ghana: 3♂, 1♀, Zuarungu, 19.viii.1960; 1♂, Akosombo, ix.1982.

Ivory Coast: 2♂, Azangy N.P., 26.xi-1.xii.2015; 1♀, Zamou Village, Comoé, vi.2016; 1♂, 2♀, Mt. Tonkoui Peak, 9-16.iv.2017; 1♂, Abidjan, Banco Forest, 21-30.iv.2017; 1♂, Mt. Tonkoui Peak, 3-7.v.2017; 1♀, Dolla Ranch, 27v-5.vi.2018; 1♂, Gbando village, 15-22.vi.2018.

Liberia: 1♀, Pellokon town (clinic), Sinoe county, 05°40'43"N 08°35'26"W, 168 m 22.i.2018, light trap (blended bulb 250W), M. Geiser, Sz. Sáfíán, G. Simonics.

Mozambique: 3♂, 2♀, Beira, 22.viii-14.x.1903.

São Thomé and Príncipe: 1♀, Ponta Furada, 00°14'01.8"N 06°28'15.5"E, 186 m, 24.x.2016, MV trap, C.R. Turner, T. Tasane; 1♂, 2♀, Ponta Figo, 00°17'12.7"N 06°34'14.5"E, 635 m, 27.x.2016, MV light trap, C.R. Turner, T., Tasane; 1♂, 3♀, Antenna, Guadalupe, 00°22'49.9"N 06°38'47.4"E, 264 m, 31.x.2016, MV trap, C.R. Turner, T. Tasane; 1♀, Roca Bombaim (montane forest plantation), 00°14'41.7"N 06°37'59.8"E, 482 m, 27-31.i.2018, MV light trap, M. Aristophanous, W. Miles; 1♀, Monte Mario, Caué District (lowland rainforest), 00°04'18.33"N 06°33'45.26"E, 14 m, 27.i-2.ii.2018, general collecting, D. Lima; 1♀, Antenna, Guadalupe, 00°22'49.8"N 06°38'47.4"E, 264 m, 31.i-2.ii.2018, MV light trap, M. Aristophanous, W. Miles.

South Africa: 1♂, Ladysmith, 14.ii.1963.

Tanzania: 1♀, Matumbi Highlands, 21-30.xi.1989.

Uganda: 1♀, Entebbe, 5-9.iv.1914.

Zambia: 1♂, Ntumbachushi Falls, Ngona River, Luapula Prov., 09°51'12"S 28°56'40"E, 1166 m, 3-4.xi.2014, light trap, R. Smith, H. Takano, D. Oram.

Remarks

New record for Liberia and Zambia.

Rhinopteryx weneri Orbach, Bartolozzi & Sforzi, 1995

Rhinopteryx weneri Orbach, Bartolozzi & Sforzi, 1995: 18.

Examined material

Mozambique: 1♂, Maputo special reserve, West Gate (sand thicket), 26°30'14.2"S 32°42'59.6"E, 22 m, 13-15.ii.2018, MV light trap, G. Laszlo, J. Mulvaney, L. Smith; 2♂, 1♀, same collecting data, but 21-22.ii.2018.

Remarks

New record for Mozambique.

Storeosomus riisii (Labram & Imhoff, 1841)

Ceocephalus riisii Labram & Imhoff, 1841: fasc. 8 [page not numbered].

Rhyticephalus occipitalis J. Thomson, 1858: 119.

Storeosomus sansibaricus Kolbe, 1897: 287.

Examined material

Angola: 2♂, “Angola”, no date.

Democratic Republic of the Congo (ex Zaire): 1♂, 18 km SW Elisabethville, 23.xi.1927.

Gabon: 1♀, Mikongo, Monts de Cristal, 28.vii-12.viii.2019.

Ghana: 1♂, 1♀, Kumasi, Ashanti, Bobiri Forest, 28-31.viii.1960, Imperial College Ghana Expedition, 1960.

Ivory Coast: 1♂, 2♀, Mt. Nimba, 18.iv-8.v.2016; 2♀, Taï NP, Taï Research Station, 26.iii-17.iv.2017; 1♂, Abidjan, Banco Forest, 22.iv-1.v.2017.

Liberia: 1♀, Sinoe County, near Jacksonville, 23-28.i.2018.

Tanzania: 1♂, Udzungwa Mountains N.P., 12-14.iv.2011.

Zambia: 1♂, 2♀, Copperbelt, 8.i-9.ii.1980.

Thoracobrenthus semistriatus Damoiseau, 1961

Thoracobrenthus semistriatus Damoiseau, 1961: 287.

Examined material

Ivory Coast: 2 ex., Taï NP, Taï Research Station, 25.iii-17.iv.2017.

Conclusions

The material identified in this paper is summarized as follows:

Species	Genera	
9	1	Cyphagoginae Atopobrentini
46	26	Cyphagoginae Cyphagogini
16	2	Cyphagoginae Stereodermini
7	1	Taphroderinae
3	3	Trachelizinae Microtrachelizini
27	13	Trachelizinae Pseudoceocephalini

In the African continent (excluding Madagascar) 82 genera and 299 species (including the new taxa here described) of brentids are known at date. In this contribution and in the previous one (ORBACH & BARTOLOZZI, 2023) we identified a total of 57 genera and 138 species in the material from the collections of the Natural History Museum of London received on loan for study: most of the specimens were collected during recent expeditions.

Furthermore, we quote in the current paper 73 first records for several African countries: 1 for Angola, 1 for Ethiopia, 5 for Gabon, 13 for Ivory Coast, 17 for Liberia, 1 for Malawi, 3 for Mozambique, 7 for Nigeria, 1 for Republic of Guinea, 5 for Sierra Leone, 1 for Tanzania, 2 for Togo, 2 for Uganda, 14 for Zambia, and we describe a new genus and species.

The percentages of African genera (69.5 %) and species (46.1 %) present in the studied material are very significant, therefore indicating the success of the collecting in the field.

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References

- BOLKAY S., 1910. Über den Formenkreis der Koleopteren-Gattung *Anisognathus* Lac. *Archivum Zoologicum*, 1(12): 179-182.
- CALABRESI E., 1920. Brentidi raccolti da Leonardo Fea nell'Africa occidentale. *Annali del Museo civico di Storia naturale di Genova*, (3)9: 16-45.
- DAMOISEAU R., 1961. Nouveaux Brenthides d'Afrique (Coleoptera Brentidae). *Revue de Zoologie et de Botanique Africaines*, 63(3/4): 277-290.
- DAMOISEAU R., 1962. Contribution à la connaissance des Brentides (Coleoptera – Brentidae). 6. Brentidae africains, descriptions et synonymies (première partie). *Revue de Zoologie et de Botanique Africaines*, 66(3/4): 315-341.
- DAMOISEAU R., 1963a. Contribution à la connaissance des Brentides (Coleoptera – Brentidae). 6. Brentidae africains, descriptions et synonymies (deuxième partie). *Revue de Zoologie et de Botanique Africaines*, 67(1/2): 105-136.
- DAMOISEAU R., 1963b. Contribution à la connaissance des Brentidae (Coleoptera – Phytophagoidea). 11. Le genre *Neocecephalus* Senna, 1898. *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 39(25): 1-27.
- DAMOISEAU R., 1963c. Contribution à la connaissance des Brentidae (Coleoptera – Phytophagoidea). 15. Espèces nouvelles dans les Collections de l'Institut Royal des Sciences Naturelles de Belgique. *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 39(36): 1-10.
- DAMOISEAU R., 1963d. Brentidae (Coleoptera Phytophagoidea). *Institut des Parcs Nationaux du Congo et du Rwanda, Parc National de la Garamba*, 39(2): 35-50.
- DAMOISEAU R., 1965. Contribution à la connaissance des Brentidae (Coleoptera – Curculionoidea). 22. Révision des Calodrominae palaeotropicaux et description d'espèces nouvelles (1). *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 41(34): 1-28.
- DAMOISEAU R., 1967. Monographie des Coléoptères Brentidae du Continent africain. *Annales du Musée royal de l'Afrique centrale, Série in 8° (Sciences Zoologiques)*, 160: 1-507.
- DAMOISEAU R., 1972. Entomological explorations in Ghana by Dr. S. Endrödi-Younga. 6. Brentidae (Coleoptera). *Annales historico-naturales Musei nationalis hungarici*, 64: 259-269.
- DAMOISEAU R., 1989. Contribution à la systématique et corrections à la nomenclature des Calodrominae (Coleoptera: Brentidae). III. Tribu des Calodromini (complément posthume). *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Entomologie*, 58: 101-173.
- DE MUIZON J., 1955a. Notes sur les Brenthides. Description et synonymies. (Première partie). *Bulletin de l'Institut français d'Afrique noire*, (A) 17(2/3): 455-529.
- DE MUIZON J., 1955b. Notes sur les Brenthides. Description et synonymies. (Deuxième partie). *Bulletin de l'Institut français d'Afrique noire*, (A) 17(3): 867-914.
- DE MUIZON J., 1959. Coléoptères Brenthidae nouveaux du Congo Belge. *Revue de Zoologie et de Botanique Africaines*, 60(1/2): 72-80.
- DE MUIZON J., 1960. Faune des Brenthides d'Afrique. *Mémoires de l'Institut français d'Afrique noire*, 59: 1-256.
- FÄHRÆUS O. I., 1871. Coleoptera Caffrariae, annis 1838-1845 a J. A. Wahlberg collecta. Fam. Brenthidae, Anthribidae et Bruchidae. *Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar*, 1871(4): 433-452.
- FAIRMAIRE L., 1897. Matériaux pour la faune coléoptérique de la région Malgache. 3^e note. *Annales de la Société Entomologique de Belgique*, 41: 164-203.

- GAHAN C. J., 1909. Family Brenthididae (pp. 225-226). In: ARROW G. J., WATERHOUSE C. O., GAHAN C. J., MARSHALL G. A. K. Ruwenzori Expedition Reports. 14. Coleoptera. *Transactions of the Zoological Society of London*, 19(2): 185-236.
- GERSTÄCKER C. E. A., 1855. In: PETERS W.C.H. Diagnosen der in Mossambique gesammelten und von Hrn. Dr. Gerstäcker bearbeiteten Käfer aus der Familie der Curculionides. *Monatsbericht der Deutschen Akademie der Wissenschaften zu Berlin*: 83-85.
- KARSCH F. A. F., 1881. Über von Herrn Professor R. Greeff auf den Guinea-Inseln gesammelte Coleopteren. *Sitzungs-Bericht der Gesellschaft naturforschender Freunde zu Berlin*, 61(4): 55-62.
- KLEINE R., 1914a. Neue Brenthididen aus Afrika. *Entomologische Blätter*, 10(7/8): 190-198.
- KLEINE R., 1914b. Neue Brenthididen aus dem Stettiner naturhist. Museum. *Stettiner entomologische Zeitung*, 75: 159-183.
- KLEINE R., 1916. Neue Taphroderini (Brenthididae, Col.). *Entomologische Mitteilungen*, 5(1/4): 1-92.
- KLEINE R., 1918. Einige Bemerkungen über die Taphroderini des Belg. Congo. *Entomologische Blätter*, 14(1/3): 55-57.
- KLEINE R., 1920. Die Gattung *Ceocephalus* Schoenherr (*Pseudoceocephalus* Kl., *Mygaleicus* Kl., *Isoceocephalus* Kl., *Palaeocephalus* Kl.). *Archiv für Naturgeschichte*, 84(A 11) [1918]: 7-51.
- KLEINE R., 1922a. Bericht über die Untersuchungsergebnisse der von Herrn Geh. Regierungsrat Methner aus Afrika mitgebrachten Brenthididen. *Archiv für Naturgeschichte*, 88(A 1): 151-156.
- KLEINE R., 1922b. Brenthididenstudien. II. Folge. *Archiv für Naturgeschichte*, 88(A 3): 201-222.
- KLEINE R., 1922c. Neue Brenthididen aus dem Dahlemer Museum. *Archiv für Naturgeschichte*, 88(A 3): 223-228.
- KLEINE R., 1922d. Neue und weniger bekannte Gattungen und arten der Brenthididae des Zoologischen Museums zu Berlin. *Archiv für Naturgeschichte*, 88(A 7): 133-154.
- KLEINE R., 1923. Neue Brenthididen aus der Sammlung Andrews. *Archiv für Naturgeschichte*, 89(A 8): 132-137.
- KLEINE R., 1924. Neue Brenthididen aus dem Musée du Congo Belge. *Stettiner Entomologische Zeitung*, 84(2) [1923]: 97-113.
- KLEINE R., 1926. Neue Gattungen und Arten aus der Familie Brenthididae. *Stettiner Entomologische Zeitung*, 87(1/2): 354-373.
- KLEINE R., 1934. Neu Brenthididen aus Afrika. *Arbeiten über morphologische und taxonomische Entomologie aus Berlin-Dahlem*, 1(4): 301-307.
- KLEINE R., 1936. Catalogues raisonnés de la faune entomologique du Congo Belge. Coléoptères - Brenthidides. *Annales du Musée du Congo Belge, Zoologie* (3), II, 5(1): 1-48.
- KLEINE R., 1938. Eine neue Brenthididengattung aus dem Congogebiet. *Revue française d'Entomologie*, 5: 102-104.
- KLEINE R., 1940. Neue Brenthididen und Lyciden aus dem Congo-Museum. *Revue de Zoologie et Botanique Africaine*, 33(3): 245-255.
- KLEINE R., 1944. Neue Brenthididen des Pariser Museums (Coleoptera). *Revue Française d'Entomologie*, 10: 149-158.
- KOLBE H. J., 1883a. Über die von H. Major von Mechow auf seiner Forschungsreise am Cuango gesammelten Brenthididen. *Stettiner Entomologische Zeitschrift*, 1883: 233-239.
- KOLBE H. J., 1883b. Neue Coleoptera von Westafrika. *Berliner Entomologische Zeitschrift*, 27(1): 15-36.
- KOLBE H. J., 1892. Beiträge zur Kenntniss der Brenthididen. *Stettiner Entomologische Zeitschrift*, 53: 162-175.
- KOLBE H. J., 1897. Familie Brenthididae (pp. 284-287). In: *Coleopteren. Die Käfer Deutsch-Ost-Afrikas. D. Reimer ed., Berlin*, 367 pp.
- KOLBE H. J., 1916. Beitrag zur Morphologie und Systematik der Taphroderinen (Familie der Brenthididen) Afrikas. *Deutsches Entomologische Zeitschrift*, 1916: 50-67.
- LABRAM D. & IMHOFF L., 1841. Singulorum generum curculionidum unam aletamve speciem additis iconibus. Die Gattungen der Rüsselkäfer erläutert durch bindliche Darstellung einzelner Arten. Pars I. Fasciculum 8. *Schweighauser ed., Basel*. [pages not numbered].
- LACORDAIRE J. T., 1866. Brenthidides (pp. 399-475). In: *Histoire Naturelle des Insectes. Genera des Coléoptères. VII. Curculionides (Suite), Scolytides, Brenthidides, Anthribides et Bruchides. Librairie Roret, Paris*, 620 pp.
- LUND N. T., 1800. Nogle Arten af slaegten *Brentus*. *Skrivter af Naturhistorie-Selskabet*, 5(2) [1802]: 54-91 [appeared as a separate in 1800].
- OLIVIER A. G., 1807. Entomologie, ou Histoire Naturelle des Insectes, avec leurs caractères génériques et spécifiques, leur description, leur synonymie, et leur figure enluminée. Coléoptères. Tome cinquième. *Desray ed., Paris*, 612 pp.
- ORBACH E. & BARTOLOZZI L., 2023. Afrotropical Brentidae Arrhenodini and Eremoxenini (Insecta: Coleoptera) from the Natural History Museum collections, London. *Onychium*, 16(2): 67-80.
- ORBACH E., BARTOLOZZI L. & SFORZI A., 1995. A new afrotropical species of *Rhinopteryx* Lacordaire (Coleoptera: Brentidae). *The Coleopterists Bulletin*, 49(1): 17-22.
- PASCOE F. P., 1862. Notes on the Brenthididae. *Journal of Entomology*, 1(5): 388-394.

- PASCOE F. P., 1863. Notices of new or little-known genera and species of Coleoptera. *Journal of Entomology*, 2(14): 443-493.
- QUENTIN R. M., 1961. Contribution à l'étude des Coléoptères Brentidae (1^{re} note). Les genres *Oncodemerus* Senna et *Amobaeus* Kleine (Calodromini). *Bulletin de la Société Entomologique de France*, 66: 205-206.
- QUENTIN R. M., 1966. Contribution à la faune du Congo (Brazzaville). Mission A. Villiers et A. Descarpentries. XXXVI. Coléoptères Brentidae. *Bulletin de l'Institut français d'Afrique noire*, (A) 28(4): 1631- 1670.
- SCHEDL K. E., 1961a. Forstentomologische Beiträge aus Belgisch-Kongo. *Mitteilungen der Forstlichen Bundes-Versuchsanstalt Mariabrunn*, 61: 1-95.
- SCHEDL K. E., 1961b. Beitrag zur Systematik afrikanischer Brentiden (Col.). *Entomologischen Arbeiten aus dem Museum G. Frey*, 12(1): 185-204.
- SENNA A., 1892. Contribuzioni allo studio dei Brentidi. Nota XII. Osservazioni sul *Coptorhynchus* Françoisi Desbroch. e descrizione di due nuovi generi e di due nuove specie. *Bollettino della Società entomologica italiana*, 24: 152-163.
- SENNA A., 1896. On the genus *Cerobates* Schh. and description of some new species. *Notes from the Leyden Museum*, 17 [1895]: 209-224.
- SENNA A., 1898a. Additions à la faune brentidologique du Kamerun. *Deutsche Entomologische Zeitschrift*, 2: 369-377.
- SENNA A., 1898b. On a new genus and several new species of Brentidae. *Notes from the Leyden Museum*, 20(1): 65-76.
- SFORZI A. & BARTOLOZZI L., 2004. Brentidae Billberg, 1820 (Brentinae, Cyphagoginae, Pholidochlamydiae, Taphroderinae, Trachelizinae, Ulocerinae) (Coleoptera, Curculionoidea) (pp. 19-828). In: SFORZI A., BARTOLOZZI L. (Eds). Brentidae of the world (Coleoptera, Curculionoidea). *Monografie Museo Regionale di Scienze Naturali*, Torino, 39, 976 pp.
- SFORZI A., BARTOLOZZI L. & LESCHEN R. A. B., 2014. Brentinae Billberg, 1820 (pp. 384-395). In: LESCHEN R. A. B. & BEUTEL R. G. (Eds). Coleoptera, Beetles. Volume 3: Morphology and Systematics (Phytophaga). *De Gruyter*, Berlin/Boston, 675 pp.
- THOMSON J., 1858. Voyage au Gabon. Histoire Naturelle des Insectes et des Arachnides recueillis pendant un voyage fait au Gabon en 1856 et en 1857 par M. Henry C. Deyrolle sous les auspices de M. M. Le Comte de Mnischek et James Thomson précédée de l'histoire du voyage. *Archives Entomologiques*, 2: 1-469.
- ZIMMERMAN E. C., 1994. Australian Weevils (Coleoptera: Curculionoidea). Volume 1. Orthoceri, Anthribidae to Attelabidae, The Primitive Weevils. *CSIRO*, Australia, XXXII + 741 pp.

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