

An annotated checklist of the Millipedes (Myriapoda Diplopoda) of Cameroon, with several new species and distribution records

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ABSTRACT

An annotated checklist of the Millipedes hitherto documented from Cameroon is provided after 128 years, based both on old and recent records. A total of 106 species in 5 orders, 15 families and 41 genera are known yet from Cameroon. This class of Myriapoda is very rich, with more than 70% of the species being likely to be endemic to the country. Twenty-three new distribution records and 31 new species recently described are also provided. Although the present list is provisional and insufficient, it aims to offer a basis for further studies on Cameroonian millipede fauna.

KEY WORDS

Millipedes; fauna; taxonomy; nomenclature; Cameroon.

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INTRODUCTION

Millipedes (Diplopoda) are remarkably diverse and encompass many endemic species, yet they remain poorly studied in Cameroon. This neglect has mainly been due to the lack of experts in this new research domain in Cameroon. Porat (1894) was the first to provide a checklist of millipedes and centipedes of Cameroon. Since then, all records and descriptions of millipedes from Cameroon are widely scattered in the literature (e.g., Voges, 1878; Porat, 1893, 1894; Attems, 1914, 1931, 1937, 1938, 1940; Demange, 1970, 1971, 1973; Hoffman 1953, 1963, 1984, 1990, 2005; Jeckel, 1968; Kraus, 1960, 1966; Krabbe, 1982; Mauriès, 1968, 1989; Enghoff, et al., 2015; Golovatch, et al., 2015, 2017a, b, 2018, 2019; VandenSpiegel et al., 2015, 2016; Nzoko Fiemapong et al., 2017a, b, 2018a, b). Most of the taxonomic descriptions have been carried out using material collected during a few under-staffed expe-

ditions. Recently, the first eco-faunistic comparative analyses of Myriapoda were published (Mbenoun et al., 2017; Mbenoun & Makon 2019; Mbenoun et al., 2022), leading to modest extensions of the list.

The present list is intended to provide a review of Diplopoda in Cameroon since Porat (1894). This provisional list derives from a critical review of all published data and provides a functional compilation of updates species names, records, notes in terms of taxonomic status and distribution data of millipede fauna from Cameroon. This checklist is still provisional and inadequate, nevertheless is to be regarded as an invitation to further studies on the still poorly-known taxonomic invertebrate group in Africa.

MATERIAL AND METHODS

The classification for Diplopoda used for this

checklist follows Hoffman (1980), also considering revisions or reviews by Shelley (2002) and Minelli et al. (2015). Families within order, genera within families, and species within genera, are listed alphabetically. In the catalogue sections, the valid name of genus and species are listed with references. Generic synonymy or/and type species provenances are listed under the valid name with references. In species synonymy, only references to the fauna of Cameroon are cited. These references are followed by codifications of the studies containing (1) taxonomic description or taxonomic notes, and (2) a mere mention during sampling. Records from Cameroon are given with references. New faunistic records from Cameroon are given together with the number of specimens (♂ or/and ♀), place and georeference coordinates, date, and collectors' names. The general distribution of the species is given. Remarks on the taxonomic status or ecology are also provided, when applicable.

RESULTS

Checklist

Classis DIPLOPODA de Blainville in Gervais, 1844
 Ordo JULIDA Brandt, 1833
 Familia JULIDAE Leach, 1814
 Genus *Schizophyllum* Verhoeff, 1895
 TYPE-SPECIES. *Julus sabulosus* Linnaeus, 1758, by subsequent designation.

Schizophyllum moreleti (Lucas, 1860)

Iulus moreleti Lucas, 1860: 56 (1); Porat 1894: 56 (2).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Also known from Portugal (Azores)

REMARKS. A subcosmopolitan species of European origin, mostly introduced.

Ordo STEMMIULIDA Cook, 1895

Familia STEMMIULIDAE Pocock, 1894

Genus *Stemmiulus* Gervais, 1844

TYPE-SPECIES. *Stemmiulus bioculatus* Gervais & Goudot, 1844, by monotypy.

Stemmiulus beroni Mauriès, 1989

Stemmiulus beroni Mauriès, 1989: 634 (1); Nzoko Fiemapong et al., 2017a: 10 (2).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 1 ♂, Bidou I, 3°03'N, 10°06'E, 80 m a.s.l., 14.X.2014, coll. Henrard & VandenSpiegel.

DISTRIBUTION. Also known from Nigeria.

Stemmiulus infuscatus Mauriès, 1989

Stemmiulus infuscatus Mauriès, 1989: 612 (1)

RECORD FROM CAMEROON. Mount Oku (Mauriès, 1989).

DISTRIBUTION. Only known from Cameroon.

Stemmiulus mbalmayoensis Nzoko Fiemapong et al., 2017

Stemmiulus mbalmayoensis Nzoko Fiemapong et al., 2017: 8 (1).

RECORD FROM CAMEROON. 1 ♂, Zamakoe, 03°33'N, 011°31'E, 815 m a.s.l., 19.IV.2014, coll. A.R. Nzoko Fiemapong (see Nzoko Fiemapong et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Stemmiulus nigricollis Porat, 1894

Stemmiulus nigricollis Porat, 1894: 45 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 1 ♂, 2 ♀, Mount Kala, 3°50'N, 11°20'E, ca 1125 m a.s.l., 29.IX.2017, coll. Makon (see Mbenoun & Makon 2019).

DISTRIBUTION. Also known from Gabon.

Stemmiulus ongot Nzoko Fiemapong & VandenSpiegel, 2017

Stemmiulus ongot Nzoko Fiemapong et al., 2017a: 4 (1).

RECORD FROM CAMEROON. 1 ♂, Ongot, 03°51'N, 011°25'E, ca 810 m a.s.l., 30.I.2015, coll. A.R. Nzoko (see Nzoko Fiemapong et al., 2017a).

DISTRIBUTION. This species is only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Stemmiulus uncus Nzoko Fiemapong & Vanden-Spiegel, 2017
Stemmiulus uncus Nzoko Fiemapong et al., 2017a: 6 (1).

RECORD FROM CAMEROON. New record: 1 ♂, Engout'Adjap, 02°42'N, 011°09'E, ca 2010 m a.s.l., 13.IX.2014, coll. A.R. Nzoko Fiemapong (see Nzoko Fiemapong et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted in a particular habitat in Cameroon.

Ordo SPIROSTREPTIDA Brandt, 1833
 Familia ODONTOPYGIDAE Attems, 1909
 Genus *Coenobothrus* Attems, 1938
 TYPE-SPECIES. *Rhamphidarpe* (*Coenobothrus*) *karawana* Attems, 1938, by original designation.

Coenobothrus bipartitus (Porat, 1894)
Odontopyge bipartita Porat, 1894: 80 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New records. 1 ♂, Campo Ma'an National Park, 2°10'N, 9°50'E, 31.VIII.2015, coll. Mbenoun & Nzoko; 1 ♂, Mount Kala, 3°50'N, 11°20'E, ca 1125 m a.s.l., 29.IX.2017, coll. Makon (see Mbenoun et al., 2017; Mbenoun & Makon 2019).

DISTRIBUTION. Only known from Cameroon.

Coenobothrus detruncatus (Carl, 1905)
Odontopyge detruncata Carl, 1905: 280 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 2 ♂, Mount Kala, 3°50'N, 11°20'E, ca 1125 m a.s.l., 4.IX.2017, coll. Makon (Mbenoun & Makon 2019).

DISTRIBUTION. Also known from Equatorial Guinea.

Genus *Odontopyge* Brandt, 1841
 TYPE-SPECIES. *Odontopyge kilimandjara* Attems, 1909, by an invalid subsequent designation (Kraus 1960).

Odontopyge ecarinata Porat, 1894
Odontopyge ecarinata Porat, 1894: 81 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Odontopyge grandis Porat, 1894
Odontopyge grandis Porat, 1894: 81 (1).

RECORD FROM CAMEROON. Cameroon, without further details ((Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Odontopyge trivialis Porat, 1894
Odontopyge trivialis Porat, 1894: 80 (1).

RECORD FROM CAMEROON. Mehrere (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Patinatiella* Kraus, 1960
 TYPE-SPECIES. *Odontopyge accincta* Porat, 1894, by original designation.

Patinatiella accincta (Porat, 1894)
Odontopyge accincta Porat, 1894: 82 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Patinatiella uncinata (Porat, 1894)
Odontopyge uncinata Porat, 1894: 83 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 1 ♂, Campo Ma'an National Park, 2°10'N, 9°50'E, 31.VIII.2015, coll. Mbenoun and Nzoko (see Mbenoun et al., 2017).

DISTRIBUTION. Only known from Cameroon.

Genus *Peridontopyge* Silvestri, 1907
 TYPE-SPECIES. *Peridontopyge guineae* Silvestri, 1907, by subsequent designation.

Peridontopyge trauni Silvestri, 1907
Peridontopyge trauni Silvestri, 1907: 242 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 2 ♂, Mount Kala, 3°50'N, 11°20'E, ca 1125 m a.s.l., 29.IX.2017, coll. Makon (Mbenoun & Makon 2019).

DISTRIBUTION. Also known from Equatorial Guinea.

Familia SPIROSTREPTIDAE Pocock, 1894

Genus *Alloporus* Porat, 1872

Synonym: *Plusioporus* Silvestri, 1895

TYPE-SPECIES. *Alloporus dissimilis* Porat, 1872.

Alloporus curtipes Porat, 1894

Alloporus curtipes Porat, 1894: 47 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Alloporus gyrifrons Porat, 1894

Alloporus gyrifrons Porat, 1894: 49 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Exospermitius* Verhoeff, 1942

TYPE-SPECIES. *Exospermitius claviger* Verhoeff, 1942.

Exospermitius neglectus (Porat, 1894)

Spirostreptus neglectus Porat, 1894: 74 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Also known from Nigeria.

Genus *Kartinikus* Attems, 1914

TYPE-SPECIES. *Kartinikus australis* Attems, 1914, by subsequent designation.

Kartinikus colonus Attems, 1914

Kartinikus colonus Attems, 1914:129 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 1 ♂, Campo Ma'an National Park, 2°10'N, 9°50'E, Cameroon, 21.VII.2015, coll. Mbenoun and Nzoko (see Mbenoun & Makon, 2019).

DISTRIBUTION. Known only from Cameroon.

Kartinikus (colonus) denticulatus Attems, 1914

Kartinikus (colonus) denticulatus Attems, 1914: 129 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Attems, 1914).

DISTRIBUTION. Only known from Cameroon.

Karkinikus laevis (Voges, 1878)

Spirostreptus cameroonensis Voges, 1878: 175 (1).

Spirostreptus laevis Voges, 1878: 174 (1).

RECORD FROM CAMEROON. Mapanja (Voges, 1878).

DISTRIBUTION. Only known from Cameroon.

Genus *Lemostreptus* Cook, 1896

Synonym: *Tropiulus* Silvestri, 1896

TYPE-SPECIES. *Acanthiulus tuberculatus* Porat, 1894

Lemostreptus tuberculatus (Porat, 1894)

Acanthiulus tuberculatus Porat, 1894: 53 (1).

RECORD FROM CAMEROON. Kitta (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Odontostreptus* Attems, 1914

TYPE-SPECIES. *Scaphiostreptus (Odontostreptus) levissimus* Attems, 1914, by original designation.

Odontostreptus intricatus (Voges, 1878)

Spirostreptus intricatus Voges, 1878: 166 (1).

RECORD FROM CAMEROON. Bonge (Voges, 1878; Hoffman, 1984).

DISTRIBUTION. Only known from Cameroon.

Odontostreptus sjoestedti (Porat, 1894)

Spirostreptus Sjöstedti Porat, 1894: 68 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

New record: 3 ♀, Mount Kala, 2°10'N, 9°50'E, ca 1125 m a.s.l., 29.IV.2017, coll. Makon (see Mbenoun & Makon, 2019).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This giant millipede species is spe-

cialist for the high altitude areas in center and south Cameroon rainforest (Mbenoun et al., 2022).

Genus *Spirostreptus* Brandt, 1833

Synonyms: *Analacostreptus* Silvestri, 1910; *Triaenostreptus* Attems, 1914

TYPE-SPECIES. *Spirostreptus sebae* Brandt, 1833, by subsequent designation.

REMARKS. The attribution of the following species to *Spirostreptus* is only tentative, requiring their revision and thus put in quotation marks.

“*Spirostreptus*” *crenulatus* Porat, 1894

Spirostreptus crenulatus Porat, 1894: 74 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

“*Spirostreptus*” *elongatus* Porat, 1894

Spirostreptus elongatus Porat, 1894: 69 (1).

RECORD FROM CAMEROON. Kitta (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

“*Spirostreptus*” *limbiger* Porat, 1894

Spirostreptus limbiger Porat, 1894: 73 (1).

RECORD FROM CAMEROON. Kitta, N’dian (Porat, 1894).

Distribution: Only known from Cameroon.

“*Spirostreptus*” *pygmaeus* Porat, 1894

Spirostreptus pygmaeus Porat, 1894: 75(1).

RECORD FROM CAMEROON. N’dian (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Telodeinopus* Verhoeff, 1941

Synonym: *Onychostreptus* Attems, 1950

TYPE-SPECIES. *Spirostreptus eidmanni* Verhoeff, 1941, by subsequent designation.

Telodeinopus aoutii (Demange, 1971)

Onychostreptus aoutii Demange, 1971: 79 (1).

RECORD FROM CAMEROON. New record: 1 ♂, Kala Mount, 2°10’N, 9°50’E, ca 1125 m a.s.l., 29.IV.2017, coll. Makon (see Mbenoun & Makon 2019).

DISTRIBUTION. Also known from Togo.

Telodeinopus assiniensis (Attems, 1914)

Spirostreptus assiniensis Attems, 1914: 65 (1).

RECORD FROM CAMEROON. New record: 1 ♂, 2 ♀, Mount Kala, 2°10’N, 9°50’E, ca 1125 m a.s.l., 29.IV.2017, coll. Makon (see Mbenoun & Makon, 2019).

DISTRIBUTION. Only known from Cameroon.

Telodeinopus canaliculatus (Porat, 1894)

Spirostreptus canaliculatus Porat, 1894: 70 (1).

RECORD FROM CAMEROON. New record: 2 ♂, 4 ♀, Campo Ma’an National Parc, 2°10’N, 9°50’E, 31.VIII. 2015, coll. Mbenoun and Nzoko (see Mbenoun et al., 2017).

DISTRIBUTION. Also known from Gabon.

REMARKS. This species is one of the most widespread giant millipedes in southern Cameroon rainforest (Mbenoun et al., 2022).

Telodeinopus sulcatus (Voges, 1878)

Spirostreptus sulcatus Voges, 1878: 168 (1).

RECORD FROM CAMEROON. New record: 1 ♂, Mount Kala, 2°10’N, 9°50’E, ca 1125 m a.s.l., 29.IV.2017, coll. Makon (see Mbenoun & Makon, 2019).

DISTRIBUTION. Also known from Guinea, São Tome and Príncipe.

Genus *Treptogonostreptus* Hoffman, 1984

TYPE-SPECIES. *Spirostreptus intricatus* Voges, 1878.

Treptogonostreptus intricatus (Voges, 1878)

Spirostreptus intricatus Voges, 1878: 166 (1).

RECORD FROM CAMEROON. Bonge (Voges, 1878; Hoffman, 1984).

DISTRIBUTION. Also known from Nigeria.

Treptogonostreptus sinuaticollis (Porat, 1894)

Spirostreptus sinuaticollis Porat, 1894: 72 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Urotropis* Silvestri, 1896

TYPE-SPECIES. *Spirostreptus carinatus* Porat, 1893, by original designation.

Urotropis atrata (Porat, 1894)*Spirostreptus atratus* Porat, 1894: 75 (1).

RECORD FROM CAMEROON. Bibundi (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Urotropis carinatus (Porat, 1893)*Spirostreptus carinatus* Porat, 1893: 43 (1).

RECORD FROM CAMEROON. Mapanja Kitta, Itaki, N'dian (Porat 1893, 1894).

New record: 1 ♂, 1 ♀, Campo Ma'an National Park, 2°10'N, 9°50'E, 31.VIII.2015, coll. Mbenoun and Nzoko (see Mbenoun & Makon, 2019).

DISTRIBUTION. Only known from Cameroon.

Urotropis porathi Demange, 1973*Urotropis porathi* Demange, 1973: 251 (1).

RECORD FROM CAMEROON. Record from Cameroon: Cameroon, without further detail (Demange, 1973).

DISTRIBUTION. Only known from Cameroon.

Urotropis porathi Demange, 1973*Spirostreptus propinquus* Porat, 1893: 44 (1).

RECORD FROM CAMEROON. Mapanja, Kitta, N'dian, Itaki (Porat, 1893).

DISTRIBUTION. Only known from Cameroon.

Urotropis porathi Demange, 1973*Spirostreptus trachyurus* Porat, 1894: 77 (1).

RECORD FROM CAMEROON. Kitta (Porat, 1894)

DISTRIBUTION. Only known from Cameroon.

Ordo SPIROBOLIDA Cook, 1895

Familia PACHYBOLIDAE Cook, 1897

Genus *Amblybolus* Cook, 1896TYPE-SPECIES. *Amblybolus mitis* Cook, 1896, by monotypy.***Amblybolus laeticollis*** (Porat, 1894)*Spirobolus laeticollis* Porat, 1894: 59 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Known only from Cameroon.

Genus *Anadenobolus* Silvestri, 1897TYPE-SPECIES. *Spirobolus politus* Porat, 1888, by original designation.***Anadenobolus angusticollis*** (Karsch, 1881)*Spirobolus angusticollis* Karsch, 1881: 70 (1); Porat 1894: 60 (2).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Also known from Mexico.

REMARKS. The distribution of this species out of Africa continent is doubtful and required critical evaluation.

Genus *Pelmatojulus* de Saussure, 1860TYPE-SPECIES. *Julus insignis* de Saussure, 1859, by subsequent designation.***Pelmatojulus brachysternus*** (Cook, 1897)*Pachybolus brachysternus* Cook, 1897: 74 (1).

RECORD FROM CAMEROON. New record: 1 ♂, Mount Bidjouka, 3°15'N, 10°50'E, 14.I.2017, coll. A.R. Nzoko Fiemapong and C. Oumarou Ngoute (see Nzoko Fiemapong & Enghoff, 2018b).

DISTRIBUTION. Also known from Republic Democratic of Congo.

Pelmatojulus excisus (Cook, 1896)*Pachybolus excisus* Cook, 1896: 74 (1).

RECORD FROM CAMEROON. Cameroon without further detail (Cook, 1896).

New records: 4 ♂, 5 ♀, Mount Kala, 2°10'N, 9°50'E, ca 1125 m a.s.l., 17.III.2017, coll. Makon; 2 ♂, 3 ♀, Mount Eloundem, 3°49'N, 11°26'E, ca 1160 m a.s.l., 17.VIII.2018, coll. Mendoua; 1 ♂, Ongot, 03°51'N, 011°25'E, alt. 810 m, 30.I.2015, coll. A.R. Nzoko Fiemapong; 2 ♂, Zamakoe, 03°33'N, 011°31'E, 815 m a.s.l., 18.IX.2015, coll. A.R. Nzoko Fiemapong and C. Oumarou Ngoute (see Nzoko & Enghoff, 2018b; Mbenoun & Makon, 2019).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This giant species is restricted to high altitude areas in center, south and littoral regions of Cameroon (Mbenoun et al., 2022).

Pelmatojulus tectus (Cook, 1897)

Pachybolus tectus Cook, 1897: 75 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Yansoki, 04°20'N, 009°83'E, 17.X.2017, coll. A.R. Nzoko Fiemapong & A. Yetchom Fondjo; 1 ♀, Djawara, 04°21'N, 009°76'E, 10.IX.2017, coll. A.R. Nzoko Fiemapong (see Nzoko & Enghoff, 2018b).

DISTRIBUTION. Also known from Tanzania (Zanzibar).

Genus *Spirobolus* Brandt, 1833

TYPE-SPECIES. *Spirobolus tectus* Cook, 1897, by subsequent designation.

REMARKS. The attribution of the following species to *Spirobolus* is only tentative, requiring their revision and thus put in quotation marks.

“*Spirobolus*” *laeviventris* Porat, 1893

Spirobolus laeviventris Porat, 1893: 29 (1); 1894: 59 (2).

RECORD FROM CAMEROON. Mapanja (Porat, 1893).

DISTRIBUTION. Only known from Cameroon.

“*Spirobolus*” *pulvillatus* Newport, 1844

Spirobolus pulvillatus Newport, 1844: 268 (1); Porat 1894: 59 (2).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Ghana.

“*Spirobolus*” *punctidorsis* Porat, 1894

Spirobolus punctidorsis Porat, 1894: 58 (1)

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Familia TRIGONIULIDAE Attems, 1909

Genus *Thrinciulus* Porat, 1894

TYPE-SPECIES. *Acanthiulus murrayi* Pocock, 1893, by original designation.

REMARKS. Taxonomic status of the genus *Acanthiulus* (= *Thrinciulus*) is unclear and problematic. The validity of the name of African genus/species requires verification.

Thrinciulus laevicollis Carl, 1905

Thrinciulus laevicollis Carl, 1905: 284 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894). New record: 2 ♂, Mount Kala, 2°10'N, 9°50'E, ca 1125 m a.s.l., 17.III.2017, coll. Makon (see Mbenoun & Makon, 2019).

DISTRIBUTION. Also known from Equatorial Guinea.

Thrinciulus multicostis Porat, 1894

Thrinciulus multicostis Porat, 1894: 55 (1).

RECORD FROM CAMEROON. N'dian (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Ordo POLYDESMIDA Pocock, 1894

Familia CHELODESMIDAE Cook, 1895

Genus *Aulodesmus* De Saussure, 1860

Synonym: *Euryzonus* Attems, 1898; *Omodesmus* Cook, 1897

TYPE-SPECIES. *Polydesmus mossambicus* Peter, 1855.

Aulodesmus mossambicus (Peters, 1855)

Eurydesmus mossambicus Peters, 1855: 533 (1); Porat, 1894: 30 (2).

RECORD FROM CAMEROON. Kitta (Porat, 1894).

DISTRIBUTION. Also known from Mozambique.

Genus *Cordyloporus* Attems, 1898

TYPE-SPECIES. *Polydesmus aubrui* Lucas, 1858, by subsequent designation.

Cordyloporus aubrui (Lucas, 1858)

Polydesmus aubrui Lucas, 1858: 440 (1); Porat, 1893: 20 (2); 1894: 34 (2);

RECORD FROM CAMEROON. Mapanja, Mehrere, Kitta, N'dian (Porat, 1893; 1894).

DISTRIBUTION. Also known from Gabon.

Genus *Cryptoporatia* Hoffman, 1980

TYPE-SPECIES. *Cryptoporus verrucosus* porat, 1894, by original designation.

Cryptoporatia verrucosus (Porat, 1894)

Cryptoporus verrucosus Porat, 1894: 39 (1).

RECORD FROM CAMEROON. N'dian, Mehrere (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Cryptoporatia dentosus (Porat, 1894)
Cryptoporus dentosus Porat, 1894: 40 (1).

RECORD FROM CAMEROON. Mehrere (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Diaphorodesmoides* VandenSpiegel, Golovatch et Mauriès, 2016

TYPE-SPECIES. *Diaphorodesmoides lamottei*, by original designation.

Diaphorodesmoides lamottei VandenSpiegel, Golovatch et Mauriès, 2016

Diaphorodesmoides lamottei VanderSpiegel et al., 2016: 19 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Kumba, 25.XI.1975, coll. M. Lamotte.

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Genus *Diaphorodesmus* Silvestri, 1896

Synonym: *Campodesmoides* VandenSpiegel et al., 2015.

TYPE-SPECIES. *Paradesmus dorsicornis* Porat, 1894.

Diaphorodesmus dorsicornis (Porat, 1894)

Paradesmus dorsicornis Porat, 1894: 33 (1); VandenSpiegel et al., 2015: 2 (1) ; 2016: 10 (1).

RECORD FROM CAMEROON. Mapanja (Porat, 1893).

New records: ♂, Ongot, 03°52'N, 011°21'E, ca. 830 m a.s.l., 26.IV.2014, Coll. A R Nzoko; 1 ♂, Kumba, 25.XI.1975, coll. M. Lamotte (see VandenSpiegel et al., 2015; VanderSpiegel et al., 2016).

DISTRIBUTION. Also known from Nigeria.

Genus *Kyphopyge* Attems, 1931

TYPE-SPECIES. *Kyphopyge granulosa* Attems, 1931, by original designation.

Kyphopyge granulosa Attems, 1931

Kyphopyge granulosa Attems, 1931: 94 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Attems, 1931).

DISTRIBUTION. Only known from Cameroon.

Genus *Orthomorpha* Bollman, 1983

TYPE-SPECIES. *Polydesmus beaumontii* Le Guillou, 1841.

Orthomorpha sanguinicornis (Porat, 1893)

Paradesmus sanguinicornis Porat, 1893: 21 (1).

RECORD FROM CAMEROON. Mehrere, Kitta, N'dian (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Paracordyloporus* Brölemann, 1919

TYPE-SPECIES. *Paracordyloporus porati* Verhoeff, 1938, by original designation.

Paracordyloporus hirsutipes Verhoeff, 1938

Paracordyloporus hirsutipes Verhoeff, 1938: 171 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Verhoeff, 1938).

DISTRIBUTION. Only known from Cameroon.

Paracordyloporus porati Verhoeff, 1938

Paracordyloporus porati Verhoeff, 1938: 161 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Verhoeff, 1938).

DISTRIBUTION. Only known from Cameroon.

Paracordyloporus carerunensis (Attems, 1927)

Cordyloporus carerunensis Attems, 1927: 70 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Attems, 1927).

DISTRIBUTION. Only known from Cameroon.

Paracordyloporus trissolabis Hoffman, 1963

Paracordyloporus trissolabis Hoffman, 1963: 4 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Hoffman, 1963).

DISTRIBUTION. Only known from Cameroon.

Paracordyloporus vitiosus Attems, 1931

Paracordyloporus vitiosus Attems, 1931: 92 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Attems, 1931).

DISTRIBUTION. Only known from Cameroon.

Familia CRYPTODESMIDAE Cook, 1896

Genus *Aporodesmus* Porat, 1894

Synonyms: *Tanydesmus* Cook, 1856; *Endioporos* Attems, 1953; *Compsodesmus* Cook, 1896

TYPE-SPECIES. *Aporodesmus gabonicus* (Lucas, 1858), by subsequent designation.

Aporodesmus crinitus Porat, 1894

Aporodesmus crinitus Porat, 1894: 42 (1).

RECORD FROM CAMEROON. Bonge, Kitta (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Aporodesmus falcatus Porat, 1894

Aporodesmus falcatus Porat, 1894: 42 (1).

RECORD FROM CAMEROON. Bonge, Kitta, N'dian (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Aporodesmus gabonicus (Lucas, 1858)

Cryptodesmus gabonicus Lucas, 1858: 442 (1); Porat, 1893: 26 (2); 1894:41 (2).

RECORD FROM CAMEROON. Mapanja, Bonge, Kitta, N'dian (Porat, 1893, 1894).

New Records: 1 ♂, Campo Ma'an National Parc, 2°10'N, 9°50'E, 31.VIII.2015, coll. Mbenoun and Nzoko; 1 ♂, Kala Mount; 3°50'N, 11°20'E; ca 1125 m a.s.l., 29. IX. 2017, coll. Makon (see Mbenoun et al., 2017; Mbenoun & Makon, 2019).

DISTRIBUTION. Also known from Guinea and Ivory Coast.

Aporodesmus (gabonicus) minimus Mauriès, 1967

Aporodesmus (gabonicus) minimus Mauriès, 1967: 396 (1)

RECORD FROM CAMEROON. Bonge, Kitta, N'dian (Porat 1894).

New Records: 1 ♂, Campo Ma'an National Parc, 2°10'N, 9°50'E, 31.VIII.2015, coll. Mbenoun and Nzoko (see Mbenoun et al., 2017).

DISTRIBUTION. Also known from Gabon.

Aporodesmus knutsoni (Porat, 1893)

Cryptodesmus knutsoni Porat, 1893: 27 (1).

RECORD FROM CAMEROON. Mapanja (Porat, 1893).

DISTRIBUTION. Only known from Cameroon.

Aporodesmus subrectangulus Porat, 1894

Cryptodesmus subrectangulus Porat, 1894: 42 (1).

RECORD FROM CAMEROON. Bonge, Kitta, N'dian, Mehrere (Porat, 1894).

Distribution: Only known from Cameroon.

Familia HAPLODESMIDAE Cook, 1895

Genus *Cylindrodesmus* Pocock, 1889

TYPE-SPECIES. *Cylindrodesmus hirsutus* Pocock, 1889, by monotypy.

Cylindrodesmus hirsutus Pocock, 1889

Cylindrodesmus hirsutus Pocock, 1889: 558; Golovatch et al., 2017b: 81(2).

RECORD FROM CAMEROON. Cameroon, without further details (Pocock, 1889).

New records: 3 ♂, 37 ♀, 23 juv., campus of University of Yaoundé I, 7.IV.2015, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2017b).

DISTRIBUTION. Also known from Tanzania.

Familia GOMPHODESMIDAE Cook, 1896

Genus *Tymbodesmus* Cook, 1897

TYPE-SPECIES. *Tymbodesmus figlinus* Cook, 1896, by original description.

Tymbodesmus figlinus Cook, 1899

Tymbodesmus figlinus Cook, 1899: 67 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Cook, 1899).

New records: 1 ♂, Ongot, 03°51'N, 011°25'E, ca 810 m a.s.l., 24.V.2016, coll. Nzoko Fiemapong (see Nzoko et al., 2017b).

DISTRIBUTION. Also known from Nigeria.

Tymbodesmus golovatchi Nzoko Fiemapong et VandenSpiegel, 2017

Tymbodesmus golovatchi Nzoko et al., 2017b: 2 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Zamakoe, 03°33'N, 011°31'E, ca 2325 m a.s.l., 21.III.2015. coll. A.R. Nzoko Fiemapong and Oumarou Ngoute (see Nzoko et al., 2017b).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Familia OXYDESMIDAE

Genus *Exochoromus* Hoffman, 1990

Synonyms: *Oxydesmus* Humbert et De Saussure, 1869; *Coromus* Gervais, 1847.

TYPE-SPECIES. *Exochoromus grandicollis* Hoffman, 1990, type by original designation.

Exochoromus tuberculifrons (Porat, 1893)

Oxydesmus tuberculifrons Porat, 1893: 25 (1); 1894: 36 (2).

RECORD FROM CAMEROON. Mount Cameroon, N'dian, Mapanja (Porat, 1893; 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Scytodesmus* Cook, 1896

TYPE-SPECIES. *Scytodesmus kribi* Cook, 1895, by original designation.

Scytodesmus valdaui (Porat, 1893)

Oxydesmus valdaui Porat, 1893: 24 (1); 1894: 36 (1).

RECORD FROM CAMEROON. Kitta, N'dian, Mapanja (Porat, 1893; 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Euoxydesmus* Attems, 1909

TYPE-SPECIES. *Polydesmus granulosus* Palisot de Beauvois, 1805, by original designation.

Euoxydesmus granulosus (Palisot de Beauvois, 1805)

Oxydesmus granulosus Palisot de Beauvois, 1805: 156(1); Porat, 1894: 36(2).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Also known from Nigeria, Mexico.

REMARKS. The distribution of this species out of Africa continent is doubtful and required critical evaluation.

Familia PARADOXOSOMATIDAE Daday, 1889

Genus *Anisodesmus* Cook, 1896

TYPE-SPECIES. *Anisodesmus cerasinus* Cook, 1895, by original designation.

Anisodesmus erythropus (Lucas, 1858)

Paradesmus erythropus Lucas, 1858: 439 (1); Porat, 1894: 34 (2).

RECORD FROM CAMEROON. Kitta (Porat, 1894).

DISTRIBUTION. Also known from Gabon.

Genus *Duseviulisoma* Brölemann, 1920

TYPE-SPECIES. *Strongylosoma iuliforme* Carl, 1905, by original designation.

Duseviulisoma scutigerinum (Porat, 1894)

Strongylosoma scutigerinum Porat, 1894: 37 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Genus *Eviulisoma* Silvestri, 1910

TYPE-SPECIES. *Eviulisoma casallii* (Silvestri, 1907), by original designation.

Eviulisoma bipartitum Nzoko Fiemapong, Lebel Tamesse et VandenSpiegel, 2018

Eviulisoma bipartitum Nzoko et al., 2018a: 280 (1).

RECORD FROM CAMEROON. New record: 1 ♂, Ongot, 03°51'N, 011°25'E, forest, 810 m a.s.l., 25.IV.2015, coll. A.R. Nzoko Fiemapong and C. Oumarou Ngoute (see Nzoko et al., 2018a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Eviulisoma simplex Nzoko Fiemapong, Lebel Tamesse et VandenSpiegel, 2018

Eviulisoma simplex Nzoko et al., 2018a: 282 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Zamakoé, 03°33'N, 011°31'E, forest, 810 m a.s.l., 19.IV.2014, coll; A.R. Nzoko Fiemapong and Oumarou Ngoute (see Nzoko et al., 2018a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Eviulisoma subfalcatum Nzoko Fiemapong, Lebel Tamesse et Vandenspiegel, 2018

Eviulisoma subfalcatum Nzoko et al., 2018a: 279(1).

RECORD FROM CAMEROON. New records: 1 ♂, Zamakoe Forest, N 03°33', E 011°31', 815 m a.s.l., forest, 18.IX. 2015, coll. A.R. Nzoko Fiemapong and Oumarou Ngoute (see Nzoko et al., 2018a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Familia POLYDESMIDAE Leach, 1815

Genus *Polydesmus* Latreille, 1802

TYPE-SPECIES. *Julus complanatus* Linnaeus, by morphotype.

Polydesmus parvulus Porat, 1894

Polydesmus parvulus Porat, 1894: 31 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Familia PYRGODESMIDAE Silvestri, 1896

Genus *Monachodesmus* Silvestri, 1927

TYPE-SPECIES. *Monachodesmus feae* Silvestri, 1927- by original designation.

Monachodesmus armorum Golovatch, Nzoko Fiemapong et Vandenspiegel, 2015

Monachodesmus armorum Golovatch et al., 2015: 395 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Ongot, 03°51'N, 011°25'E, ca 810 m a.s.l., 19.VII.2014,

Coll. A. Nzoko. 1 ♂, Zamakoué, Cameroon, 03°33'N, 011°31'E, ca 2320 m a.s.l., 11.IV.2015, coll. A. Nzoko (see Golovatch et al., 2015).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus awae Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus awae Golovatch et al., 2017a: 185 (1).

RECORD FROM CAMEROON. 1 ♂, Awae, 03°06'N, 10°29'E, 27.III.2017, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus bagam Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus bagami Golovatch et al., 2017a: 191 (1).

RECORD FROM CAMEROON. 1 ♂, Bagam, 5°41'N, 10°21'E, 17.IX.2016, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus bamboutos Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus bamboutos Golovatch et al., 2017a: 176 (1).

RECORD FROM CAMEROON. 1 ♂, Mount Bamboutos, 5°41'4.97"N, 10°06'22.46"E, ca 2600 m a.s.l., 3.III.2017, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2017a).

DISTRIBUTION. At the moment, only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus bipindi Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus bipindi Golovatch et al., 2017a: 183 (1).

RECORD FROM CAMEROON. 1 ♂, Mount Bidjouka Canton Pygmée, 3°146'N, 10°497'E, 14.I.2017, coll. A.R. Nzoko Fiemapong and Oumarou (see Golovatch et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus djawara Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus djawara Golovatch et al., 2017a: 193 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Djawara, N 04°20', E 009°83', 23.III.2016, coll. A.R. Nzoko Fiemapong and Yetchom Fondjo (see Golovatch et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus longicaudatus Golovatch, Nzoko Fiemapong et Vandenspiegel, 2015

Monachodesmus longicaudatus Golovatch et al., 2015: 394 (1).

RECORD FROM CAMEROON. New records: 1 ♂, campus of University of Yaoundé I, N 03°53', E 011°30', 860 m a.s.l., 17.III.2014, coll. A. Nzoko. 1 ♂, 2 subadults, Ongot, N 03°51', E 011°25', ca 810 m a.s.l., 19.VII.2014, Coll. A. Nzoko (see Golovatch et al., 2015).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus minutus Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus minutus Golovatch et al., 2017a: 195 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Djawara, 04°20'N, 09°83'E, 23.III.2016, coll. A.R. Nzoko Fiemapong and Yetchom Fondjo (see Golovatch et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Monachodesmus yabassi Golovatch, Nzoko Fiemapong et Vandenspiegel, 2017

Monachodesmus yabassi Golovatch et al., 2017a: 187 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Yabassi, 4°95'N, 010°24'E, 27.I.2017, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2017a).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Genus *Udodesmus* Cook, 1896

TYPE-SPECIES. *Udodesmus telluster* Cook, 1896.

Udodesmus camerunensis Golovatch, Nzoko Fiemapong et Vandenspiegel, 2015

Udodesmus camerunensis Golovatch et al., 2015: 398 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Zamakoué, Cameroon, 03°33'N, 011°31'E, ca 2320 m a.s.l., 11.IV.2015. coll. A. Nzoko (see Golovatch et al., 2015).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Genus *Urodesmus* Porat, 1894

TYPE-SPECIES. *Urodesmus erinaceus* Porat, 1894- by subsequent designation.

Urodesmus cornutus Golovatch, Nzoko Fiemapong et Vandenspiegel, 2015

Urodesmus cornutus Golovatch et al., 2015: 389 (1).

RECORD FROM CAMEROON. New records: 1 ♂, campus of University of Yaoundé I, 03°53'N, 011°30'E, 860 m a.s.l., 17.III.2014, coll. A. Nzoko. 1 ♂, Zamakoué, Cameroon, 03°33'N, 011°31'E, ca 2320 m a.s.l., 11.IV.2015. coll. A. Nzoko (see Golovatch et al., 2015).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Urodesmus erinaceus Porat, 1894

Urodesmus erinaceus Porat, 1894: 43 (1).

RECORD FROM CAMEROON. Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Urodesmus sexcarinatus Porat, 1894

Urodesmus sexcarinatus Porat, 1894: 44 (1).

RECORD FROM CAMEROON. Records from Cameroon: Cameroon, without further detail (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

Familia TRICHOPOLYDESMIDAE Verhoeff, 1910

Genus *Hemisphaeroporina* Schubart, 1955

TYPE-SPECIES. *Hemisphaeroparia cumbula* Schubart, 1955.

Hemisphaeroparia zamakoe Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia zamakoe Golovatch et al., 2018: 61 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Zamakoe, 03°33'N, 011°31'E, 815 m a.s.l., 20.IX.2014, coll. A.R. Nzoko Fiemapong and C. Oumarou Ngoute (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia bangoulap Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia bangoulap Golovatch et al., 2018: 64 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Bangoulap, 06°00'N, 10°34'E, 13.X.2017, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia spiniger Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia spiniger Golovatch et al., 2018: 64 (1).

RECORD FROM CAMEROON. New records: 1 ♂, University of Yaoundé I, 03°53'N, 011°30'E, 860 m a.s.l., 20.III.2018, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia ongot Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia ongot Golovatch et al., 2018: 68 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Ongot, 03°51'N, 011°25'E, 810 m a.s.l., 26.III.2014, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia digitifer Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia digitifer Golovatch et al., 2018: 70 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Koukoe, 04°08'N, 010°10'E, 815 m a.s.l., 28.IX.2017, coll. A.R. Nzoko Fiemapong and Yetchom Fonjo (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia parva Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia parva Golovatch et al., 2018: 73 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Mouanko, 03°38'N, 009°46'E, 815 m a.s.l., 28.IX.2017, coll. A.R. Nzoko Fiemapong and Yetchom Fonjo (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia fusca Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia fusca Golovatch et al., 2018: 75 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Koukoe, 04°08'N, 010°10'E, 815 m a.s.l., 28.IX.2017, coll. A.R. Nzoko Fiemapong and Yetchom Fonjo (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

Hemisphaeroparia bonakanda Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia bonakanda Golovatch et al., 2018: 75 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Bonakanda, 04°13'N, 009°15'E, 19.X.2014, coll. K. Maes (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia bamboutos Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia bamboutos Golovatch et al., 2018: 80 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Mount bamboutos, 05°41'N, 010°06'E, 2600 m a.s.l., 03.III.2017, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia subfalcata Golovatch et al., 2018

Hemisphaeroparia subfalcata Golovatch et al., 2018: 83 (1).

RECORD FROM CAMEROON. New records: 1 ♂, University of Yaoundé I, 03°53'N, 011°30'E, 860 m a.s.l., 20.III.2018, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia falcata Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia falcata Golovatch et al., 2018: 84 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Awae, 03°06'N, 010°29'E, 27.III.2018, coll. A.R. Nzoko Fiemapong (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia mouanko Golovatch, Nzoko Fiemapong, Tamesse, Mauriès et VandenSpiegel, 2018

Hemisphaeroparia mouanko Golovatch et al., 2018: 88 (1).

RECORD FROM CAMEROON. New records: 1 ♂, Mouanko, 03°38'N, 009°46'E, 815 m a.s.l., 16.VIII.2017, coll. A.R. Nzoko Fiemapong and Yetchom Fonjo (see Golovatch et al., 2018).

DISTRIBUTION. Only known from Cameroon.

REMARKS. This species is new in science and restricted to a particular habitat in Cameroon.

Hemisphaeroparia integrata (Porat, 1894)

Polydesmus integratus Porat, 1894: 30 (1).

RECORD FROM CAMEROON. Cameroon, without further details (Porat, 1894).

DISTRIBUTION. Only known from Cameroon.

DISCUSSION

The Diplopoda fauna of Cameroon is rich and diverse, and encompasses 106 species in 41 genera, 15 families and five orders including Julida, Stemmiulida, Spirostreptida, Spirobolida and Polydesmida. Twenty-three species previously recorded are still present in Cameroonian millipede fauna: *Stemmiulus beroni*, *S. nigricollis*, *Coenobothrus bipartitus*, *C. detruncatus*, *Patinatiella uncinata*, *Peridontopyge trauni*, *Kartinikus colonus*, *Odonostreptus sjoestedti*, *Telodeinopus aoutii*, *T. aoutii*, *Telodeinopus assiniensis*, *T. canaliculatus*, *T. sulcatus*, *Urotropis carinatus*, *Pelmatojulus brachytermus*, *P. excisus*, *P. tectus*, *Thriniculus laevicollis*, *Aporodesmus gabonicus*, *A. (gabonicus) minimus*, *Tymbodesmus figlinus*, *Diaphorodesmus dorsicornis*, and *Cylindrodesmus hirsutus*. Recent taxonomic research carried out in several ecosystems in the country found and described 31 species new in science and restricted to a particular habitat in Cameroon: *Stemmiulus mbalmayoensis*, *S. ongot*, *S. uncus*, *Tymbodesmus golovatchi*, *Monachodesmus armorum*, *M. awae*, *M. Bagam*, *M. bamboutos*, *M. bipindi*, *M. djawara*, *M. longicaudatus*, *M. minutus*, *M. yabassi*, *Udodesmus camerunensis*, *Urodesmus cornutus*, *Diaphorodesmoides lamottei*, *Eviulisoma bipartitum*, *E. simplex*, *E. subfalcatum*, *Hemisphaeroparia zamakoe*, *H. mouanko*, *H. falcata*, *H. subfalcata*, *H. bamboutos*, *H. bonakanda*, *H. fusca*, *H. parva*, *H. digitifer*, *H. ongot*, *H.*

spiniger, and *H. bangoulap*. A new genus *Diaphorodesmoides* has been proposed with one species *D. lamottei*.

The list of species provided is still insufficient and provisional. Many distribution data are still scattered with many species recorded in one locality whereas many sites in the country share the same abiotic traits allowing the wide distribution of some species. To fill this gap of knowledge, biogeography and taxonomic research should be carried out throughout the country to document the distribution of these species. Out of 106 species recorded from Cameroon, 82 species (77%) are so far only known from Cameroon suggesting that this country is likely one of the hot spot of millipedes in Africa.

To sum up, the present work provide fundamental data for millipede fauna and hope that further studies will be conducted to document millipedes in Cameroon.

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