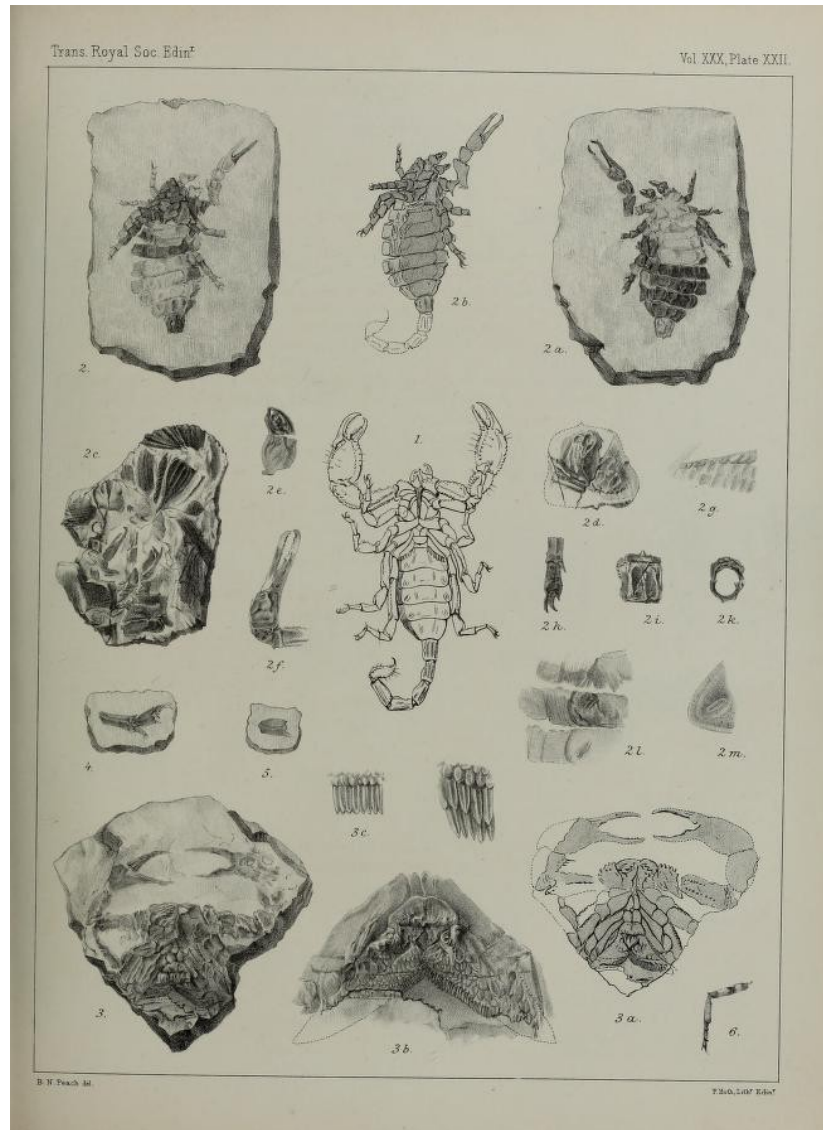


ARACHNIDES

BULLETIN DE BIBLIOGRAPHIE ET DE RECHERCHES



**PETITE HISTOIRE DE LA PALÉONTOLOGIE DES SCORPIONS
(NOUVEL ADDITIF).**

Gérard DUPRE

En 2017 puis 2020 nous avons publié une histoire de la paléontologie des scorpions (Dupré, 2017, 2020). Mais depuis 2020, de nombreuses contributions sont venues s'ajouter à cette partie de la scorpionologie. Nous présentons ici ces nouvelles contributions dont la majorité provient du travail de Wilson Lourenço.

Les références sont classées par dates afin de mieux sérier le déroulement historique. Des références datant de 2017 à 2020 non précédemment répertoriées sont rajoutées.

2017

DUNLOP, PENNEY & JEKEL , 2017. A summary list of fossil spiders and their relatives. *In* World Spider Catalog Natural History Museum Bem, <http://wsc.nmbe.ch>.

- Mise à jour du listing des fossiles dans la World Spider Catalog.

DUPRE G., 2017. Petite histoire de la paléontologie des scorpions. *Arachnides*, 82 (supp.) : 2-39.

GUO M., XING L., WANG B., ZHANG W., WANG S., SHI A. & BAI M., 2017. A catalogue of Burmite inclusions. *Zoological Systematics*, 42 (3): 249-379.

- Catalogue des inclusions de l'ambre birman avec 22 espèces.

KÜHL G. & LOURENÇO W.R., 2017. A new genus and species of fossil scorpion (? Euscorpidae) from the Early-Middle Eocene of Pesciara (Bolca, Italy). *Paläontologische Zeitschrift*, 91 (3): 283-290.

- *Eoescorpius* gen.n., *Eoescorpius ceratoi* sp.n.

LOURENÇO W.R., 2017. A new species of *Centruroides* Marx, 1890 from Chiapas amber, Mexico (Scorpiones: Buthidae). *Revista Ibérica de Aracnologia*, 30: 100-106.

- *Tityus* (*Brazilotityus*) *hartkorni* Lourenço, 2009 et *Tityus azari* Lourenço, 2013 revalidées.

- *Centruroides knodeli* sp.n.

LOURENÇO W.R., 2017. Description of the male of *Centruroides knodeli* Lourenço, 2017 from Chiapas Mexican amber (Scorpiones: Buthidae). *Arachnida, Rivista Aracnologica Italiana*, 14: 30-35.

- Description du male de *Centruroides knodeli*

LOURENÇO W.R. & ROSSI A., 2017. Two more new species of Burmese amber scorpions of the family Palaeoburmesebuthidae Lourenço, 2015 (Scorpiones). *Arachnida - Rivista Aracnologica Italiana*, 13: 2-10.

- *Palaeoburmesebuthus longipalpis* sp.n., *Betaburmesebuthus joergi* sp.n.

LOURENÇO W.R. & VELTEN J., 2017. One more new genus and species of fossil scorpion from Burmese Cretaceous amber belonging to the Palaeoburmesebuthidae (Scorpiones). *Arachnida - Rivista Aracnologica Italiana*, 13: 2-10.

- *Spinoburmesebuthus* gen.n., *Spinoburmesebuthus pohli* sp.n.

SELDEN P.A. & REN D., 2017. A review of Burmese amber arachnids. *Journal of Arachnology*, 45 (3): 324-343.

- Liste de 7 familles, 9 genres et 22 espèces

2020

DUNLOP, J. A., PENNEY, D. & JEKEL, D. 2020. A summary list of fossil spiders and their relatives. In World Spider Catalog Natural History Museum Bem, <http://wsc.nmbe.ch>, version 16.0, 3-07-2017: pp31-42.

- Liste de 145 espèces.

- *Waterstonia brachistodactyla* Kjellesvig-Waering, 1986 : plante fossile

- *Mesophonus maculatus* Brauer, Redtenbacher & Ganglbauer, 1889: blatte fossile

DUPRE G., 2020. Petite histoire de la paléontologie des scorpions (additif). *Arachnides*, 97: 20-21.

LEI X., ZHOU W., WAN M., WEI H. & WANG B., 2020. A new scorpion from a Permian peat swamp in Inner Mongolia, China. *Proceedings of the Geologists' Association*, 131 (2): 160-167.

- *Eoscorpilus* sp.n. sans spécification.

LOURENÇO W.R. & VELTEN J., 2020. A new contribution to the knowledge of Cretaceous Burmese amber scorpions with the description of two new genera and two new species (Scorpiones : Chaerilobuthidae: Palaeoeuscorpiidea : Arachaeoscorpioninae). *Arachnida – Rivista Aracnologica Italiana*, 28: 34-50.

- *Chaeriloscorpions* gen.n., *Chaeriloscorpions bautschi* sp.n.

- *Chaeriloiurus* gen.n., *Chaeriloiurus brigittemuelleri* sp.n.

VIARETTI M., BINDELLINI G. & DAL SASSO C., 2020. An exceptionally well-preserved scorpion from the Besano Formation (Monte San Giorgio, Middle Triassic, Southern Alps): Preliminary study. *Fossilia*, 53-55.

- Nouvelle espèce sans spécification.

2021

ANDERSON E.P., SCHIFFBAUER J.D., JACQUET S.M., LAMSDELL J.C., KLUESSENDORF J. & MIKULIC D.G., 2021. Stranger than a scorpion: a reassessment of *Parioscorpio venator*, a problematic arthropod from the Llandoveryan Waukesha Lagerstätte. *Palaeontology*, 64 (3): 429-474.

- *Parioscorpio venator* est considérée comme groupe-couronne entre mandibulés et chélicérates.

BICKNELL R.D.C. & SMITH P.M., 2021. The first fossil scorpion from Australia. *Alcheringa, an Australasian Journal of Palaeontology*, 45 (4): 419-422.

- Nouvelle espèce sans spécification

LOURENÇO W.R., 2021. Further comments on the elements of the family Palaeoburmesebuthidae Lourenço, 2015 with description of a new species of *Spinoburmesebuthus* Lourenço, 2017 from Early Cretaceous Burmite amber (Scorpiones). *Faunitaxys*, 9 (17): 1-6.

- *Spinoburmesebuthus knodelorum* sp.n.

LOURENÇO W.R. & VELTEN J., 2021. One more new genus and species of scorpion from Early Cretaceous Burmese amber (Scorpiones: Protoischnuridae). *Faunitaxys*, 9 (14): 1-5.

- *Cretaceouspisthacanthus* gen.n., *Cretaceouspisthacanthus smeelei* sp.n.

LOURENÇO W. R. & VELTEN J. 2021. Early Cretaceous Burmite fossils of the genus *Chaerilobuthus* Lourenço & Beigel, 2011 (Scorpiones: Chaerilobuthidae) and description of a particular new species. *Faunitaxys*, 9(30): 1–5.

- *Chaerilobuthus meggeri* sp.n.

MAKLED W.A., HINTS O., HOSNY A.M., SHAHAT W.I. & GENTZIS T., 2021. Exotic Devonian palynomorphs from the SDifa-1X Well in the Western Desert, Egypt. *Palynology*, 45 (2): 363-380.

- fragments de scorpions de *Compsoscorpilus elegans* et *Corniops mapesii*.

2022

LOURENÇO W.R. & VELTEN J., 2022. A second new species for the genus *Cretaceoushormiops* Lourenço, 2018 from Cretaceous Burmite (Scorpiones: Protoischnuridae). *Faunitaxys*, 10 (43): 1-5.

- *Cretaceoushormiops staxi* sp.n.

- *Betaburmesebuthus joergi* Lourenço & Rossi, 2017 revalidée

LOURENÇO W.R. & VELTEN J., 2022. Further insights on Cretaceous Burmite scorpions with the descriptions of a new genus and species (Scorpiones: Buthoidea: Buthidae). *Faunitaxys*, 10 (35): 1-5.

- *Cretaceousbuthus* gen.n., *Cretaceousbuthus fraaijeorum* sp.n.

LOURENÇO W.R. & VELTEN J., 2022. The remarkable variability of the genus *Chaerilobuthus* Lourenço & Beigel, 2011 (Scorpiones: Chaerilobuthidae) and description of a new species from Early Cretaceous Burmite. *Faunitaxys*, 10 (10): 1-6.

- *Chaerilobuthus brandti* sp.n.

MAGNANI F., STOCKAR R. & W. R. LOURENÇO W.R., 2022 A new family, genus and species of fossil scorpion from the Meride Limestone (Middle Triassic) of Monte San Giorgio (Switzerland). *Fauninaty*s, 10 (24): 1-7.

- Protochactidae fam.n., *Protochactas* gen.n., *Protochactas furreri* sp.n.

ROSS. A.J., 2022. Burmese (Myanmar) amber taxa, on-line supplement v.2022.1.33pp

- Notes sur *Betaburmesebuthus spinipedis*, *Cretaceousbuthus fraaijeorum* et *Chaerilobuthus brandti*.

SANTIAGO-BLAY J.A., SOLEGLAD M.E., FET V., CRAIG P.R. & SMITH L.B., 2022. Two new species of Cretaceous scorpions from Burmese amber (Arachnida: Scorpiones: Palaeoburmesebuthidae). *Life: the excitement of biology*, 10 (1): 4-52.

- *Palaeoburmesebuthus smithi* sp.n., *Palaeoburmesebuthus andrewrossi* sp.n.

SANTIAGO-BLAY J.A., SOLEGLAD M.E., FET V., CRAIG P.R. & SMITH L.B., 2022. Errata. Two new species of Cretaceous scorpions from Burmese amber (Arachnida: Scorpiones: Palaeoburmesebuthidae). *Life: the excitement of biology*, 10 (2): 151.

XUAN Q., CAI C. & HUANG D., 2022. A new Palaeoburmesebuthidae scorpion from mid-Cretaceous burmese amber (Arachnida: Scorpiones: Buthoidea). *Cretaceous Research*, 134: 105165.

- *Betaburmesebuthus spinipedis* sp.n.

De CARVALHO M.G.P., MAISEY J.G., MENDES I.D. & de SOUZA CARVALHO I., 2023. Micro-tomographic analysis of a scorpion fossil from the Aptian Crato Formation of Northeastern Brazil. *Cretaceous Research*, 147: 105454.

- Analyse morphologique de *Protoischnurus axeldorum* Carvalho & Lourenço, 2001.

2023

DUNLOP J.A. & GERWOOD R.J., 2023. On the status of two fossils assigned to the scorpion genus *Palaeophonus* and its interpretation as a senior synonym of *Allopalaeophonus*. *Arachnology*, 19 (6): 940-943.

- *Allopalaeophonus* est synonymisé avec *Palaeophonus*.

DUNLOP, J. A., PENNEY, D. & JEKEL, D. 2020. A summary list of fossil spiders and their relatives. In World Spider Catalog Natural History Museum Bem, <http://wsc.nmbe.ch>, version 16.0, 04-01-2023: 33-46.

- 154 espèces sont repertories.

DUNLOP J.A., WELLMAN C.H., PRENDINI L. & SHEAR W.A., 2023. A pectinal tooth with peg sensilla from an Early Devonian scorpion. *The Journal of Arachnology*, 51 (3): 255-257.

GARWOOD R. & DUNLOP J.A., 2023. Consensus and conflict in studies of chelicerate fossils and phylogeny. *Arachnologische Mitteilungen*, 66 (1): 2-16.

LOURENÇO W.R., 2023. Confirmation of the validity of the genus *Cretaceousbuthus* Lourenço, 2022 and description of a new species from Burlite (Scorpiones: Buthoidea: Buthidae). *Faunitaxys*, 11 (35): 1-6.

- Confirmation de la validité de *Cretaceousbuthus* avec *Cretaceousbuthus petersi* sp.n.

LOURENÇO W.R., 2023. Scorpions trapped in amber: a remarkable window on their evolution over time from the Mesozoic period to presents days. *Journal of Venomous Animals and Toxins including Tropical Diseases*, 29: 1-17.

- Revue mondiale de l'ensemble des scorpions fossilisés dans l'ambre.

- Validation de *Centruroides beynai* Schawaller, 1979 et du genre *Electrochaerilus*.

- *Betaburmesebuthus fuscus* Xuan, Cai & Huang, 2023 serait un synonyme possible de *Palaeoburmesebuthus smithi* Santiago-Blay, Soleglad, Craig & Fet, 2022.

LOURENÇO W.R. & VELTEN J., 2023. A second species of *Archaeoscorpiops* Lourenço, 2015 from Cretaceous Burmese amber (Scorpiones: Palaeoscorpiidae). *Faunitaxys*, 11 (57): 1-4.

- *Archaeoscorpiops grossei* sp.n.

- Validation de la famille des Palaeoscorpiidae, de la sous-famille des Archaeoscorpiopinae et du genre *Archaeoscorpiops*.

LOURENÇO W.R. & VELTEN J., 2023. New contribution to the knowledge of Burmite chaerilids and description of a new species (Scorpiones: Chaerilidae). *Faunitaxys*, 11 (77): 1-4.

- *Electrochaerilus schmidti* sp.n.

LOURENÇO W.R. & VELTEN J., 2023. A remarkable new species of *Betaburmesebuthus* Lourenço, 2015 from Burmite (Scorpiones: Palaeoburmesebuthidae). *Faunitaxys*, 11 (78): 1-5.

- *Betaburmesebuthus vinzentschmidti* sp.n.

VIARETTI M., BINDELLINI G. & DAL SASSO C., 2023. A new Mesozoic scorpion from the Besano Formation (Middle Triassic, Monte San Giorgio UNESCO WHL), Italy. *Paläontologische Zeitschrift*, 97 (3): 505-517.

- *Protobuthus ziliolii* sp.n.

XUAN Q., CAI C. & HUANG D., 2023. Revision of Palaeoburmesebuthid scorpions in mid-Cretaceous amber from northern Myanmar (Scorpiones: Buthoidea). *Palaeoentomology*, 6 (1): 64-101.

- *Spinoburmesebuthus* est synonymisé avec *Betaburmesebuthus*

- *Betaburmesebuthus villosus* sp. n. and *Betaburmesebuthus fuscus* sp. n.

XUAN Q., CAI C. & HUANG D., 2023. Immature chaerilid scorpions from mid-Cretaceous amber of northern Myanmar (Arachnida: Scorpiones: Chaeriloidea). *Cretaceous Research*, 144: 105461.

- *Chaerilus* sp.1, *Chaerilus* sp.2 ssp.n.

- Electrochaerilinae et *Electrochaerilus* sont considérés comme douteux.

XUAN Q., CAI C. & HUANG D., 2023. Revision of Palaeoburmesebuthid scorpions in mid-Cretaceous amber from northern Myanmar (Scorpiones : Buthoidea). *Palaeoentomology*, 6 (1): 64-101.

- *Cretaceoushormiops* sp. n.

LOURENÇO W.R., 2024. A new scorpion species for the genus *Burmesescorpiops* Lourenço, 2016 from Cretaceous Burmese amber (Scorpiones: Palaeoscorpionidae: Arachaeoscorpionidae); *Faunitaxys*, 12 (4): 1-5.

- *Burmesescorpiops velteni* sp.n.

LOURENÇO W.R. & VELTEN J., 2024. An exceptional new genus of fossil scorpion from Burmese Cretaceous amber belonging to the family Palaeoburmesebuthidae Lourenço, 2015. *Faunitaxys*, 12 (13): 1-7.

- *Paranotaburmesebuthus* gen.n. avec *Paranotaburmesebuthus schmidti* sp.n.

LOURENÇO W.R. & VELTEN J., 2024. One more particular new species belonging to the genus *Chaerilobuthus* Lourenço & Beigel, 2011 (Scorpiones: Chaerilobuthidae). *Faunitaxys*, 12 (24): 1-5.

- *Chaerilobuthus staxi* sp.n.

LOURENÇO W.R. & VELTEN J., 2024. An unusual new species of *Betaburmesebuthus* Lourenço, 2015 trapped in Burmite (Scorpiones: Palaeoburmesebuthidae). *Faunitaxys*, 12 (26): 1-5.

- *Betaburmesebuthus thomasvelteni* sp.n.

XUAN Q., CAI C., ZHANG Z. & HUANG D., 2024. A new species of *Cretaceoushormiops* from the mid-Cretaceous amber of northern Myanmar (Arachnida: Scorpiones: Protoischnuridae). *Paläontologische Zeitschrift*, 98: 191-201.

- *Cretaceoushormiops elegans* sp.n.

YTHIER E., 2024. A new high-altitude scorpion species of the genus *Ananteris* Thorell, 1891 (Scorpiones: Ananteridae) from the Pico da Neblina, Brazil. *Faunitaxys*, 12 (19): 1-9.

L'auteur valide la famille des Ananteridae Pocock, 1900 en y incluant les genres fossiles *Palaeotityobuthus* Lourenço & Weitschat, 2000, *Palaeoananteris* Lourenço & Wietschat, 2001 et *Archaeoananteroides* Lourenço, 2016.

SCORPIONES L. Koch, 1851

Sous-ordre des BILOBOSTERNINA Kjellesvig-Waering, 1986

Super-famille des BRANCHIOSCORPIONOIDEA Kjellesvig-Waering, 1986

BRANCHIOSCORPIONIIDAE Kjellesvig-Waering, 1986

Branchioscorpio Kjellesvig-Waering, 1986

Branchioscorpio richardsoni Kjellesvig-Waering, 1986. USA

DOLICHOPHONIIDAE Petrunkevitch, 1953

Dolichophonus Petrunkevitch, 1949

Dolichophonus loudonensis (Laurie, 1899). Ecosse

Sous-ordre des HOLOSTERNINA Kjellesvig-Waering, 1986

Super-famille des PROSCORPIOIDEA Scudder, 1885

PROSCORPIIDAE Scudder, 1885

Archaeoetonus Pocock, 1911

Archaeoetonus glaber (Peach, 1883). Ecosse

Arachnides 115, 2024.

Proscorpius Whitfield, 1885

Proscorpius osborni (Whitfield, 1885). USA

LABRISCORPIONIDAE Kjellesvig-Waering, 1986

Labriscorpio Leary, 1980

Labriscorpio alliedensis Leary, 1980. USA

WAERINGOSCORPIONIDAE Størmer, 1970

Waeringoscorpio Størmer, 1970

Waeringoscorpio hefteri Størmer, 1970. Allemagne

Waeringoscorpio westerwaldensis Poschmann, Dunlop, Kamenz & Scholtz, 2008.
Allemagne

Super-famille des ACANTHOSCORPIONOIDEA Kjellesvig-Waering, 1986

ACANTHOSCORPIONIIDAE Kjellesvig-Waering, 1986

Acanthoscorpio Kjellesvig-Waering, 1986

Acanthoscorpio mucronatus Kjellesvig-Waering, 1986. USA

STENOSCORPIONIIDAE Kjellesvig-Waering, 1986

Stenoscorpio Kjellesvig-Waering, 1986

Stenoscorpio gracilis (Wills, 1910). Angleterre

Stenoscorpio pseudogracilis (Wills, 1947). Angleterre

Super-famille des EOCTONOIDEA Kjellesvig-Waering, 1986

ALLOBUTHISCORPIIDAE Kjellesvig-Waering, 1986

Aspiscorpio Kjellesvig-Waering, 1986

Aspiscorpio eagari Kjellesvig-Waering, 1986. Angleterre

Aspiscorpio sp. Poschmann (2009). Allemagne

ANTHRACOSCORPIONIDAE Frič, 1904

Allobuthus Kjellesvig-Waering, 1986

Allobuthus pescei (Vachon & Heyler, 1985). France

Anthracoscorpio Kušta, 1889

Anthracoscorpio dunlopi Pocock, 1911. Ecosse

Anthracoscorpio juvenis Kušta, 1889. Tchéquie

BUTHISCORPIIDAE Kjellesvig-Waering, 1986

Buthiscorpius Petrunkevitch, 1953

Buthiscorpius lemayi Kjellesvig-Waering, 1986. USA

EOCTONIDAE Kjellesvig-Waering, 1986

Eoctonus Petrunkevitch, 1913

Eoctonus miniatus Petrunkevitch, 1913. USA

GARNETTIIDAE Dubinin, 1962

Garnettius Petrunkevitch, 1953

Garnettius hungerfordi (Elias, 1936). USA

Super-famille des GIGANTOSCORPIONOIDEA Kjellesvig-Waering, 1986

GIGANTOSCORPIONIDAE Kjellesvig-Waering, 1986

Gigantoscrapio Størmer, 1963

Gigantoscrapio willsi Størmer, 1963. Ecosse

Petaloscrapio Kjellesvig-Waering, 1986

Petaloscrapio bureaui Kjellesvig-Waering, 1986. Canada

Super-famille des ARCHAEOCTONOIDEA Petrunkevitch, 1949

ARCHAEOCTONIDAE Petrunkevitch, 1911

Pseudoarchaeoctonus Kjellesvig-Waering, 1986

Pseudoarchaeoctonus denticulatus Kjellesvig-Waering, 1986. Ecosse

Super-famille des MESOPHONOIDEA Wills, 1910

CENTROMACHIDAE Petrunkevitch, 1953

Anthracochaerilus Kjellesvig-Waering, 1986

Anthracochaerilus palustris Kjellesvig-Waering, 1986. Ecosse

Centromachus Thorell & Lindström, 1885

Centromachus euglyptus (Peach, 1883). Ecosse

Opsieobuthus Kjellesvig-Waering, 1986. USA

Opsieobuthus pottsvillensis (Moore, 1923). USA

Opsieobuthus tungeri Dunlop, Legg, Selden, Fet, Schneider & Rößler, 2016.

Allemagne

Phoxiscrapio Kjellesvig-Waering, 1986

Phoxiscrapio peachi Kjellesvig-Waering, 1986. Ecosse

Pulmonoscrapio Jeram, 1994

Pulmonoscrapius kirktonensis Jeram, 1994. Ecosse

GALLIOSCORPIONIDAE Lourenço & Gall, 2004

Gallioscrapio Lourenço & Gall, 2004

Gallioscrapio voltzi Lourenço & Gall, 2004. France

HELOSCORPIONIDAE Kjellesvig-Waering, 1986

Heloscrapio Kjellesvig-Waering, 1986

Heloscrapio sutcliffei (Woodward, 1907). Angleterre

MAZONIIDAE Petrunkevitch, 1913

Mazonia Meek & Worthen, 1868

Mazonia wardingleyi (Woodward, 1907). Angleterre

Mazonia woodiana Meek & Worthen, 1868. USA

MESOPHONIDAE Wills, 1910

Mesophonus Wills, 1910

Mesophonus perornatus Wills, 1910. Angleterre

Mesophonus pulcherrimus Wills, 1910. Angleterre

Mesophonus pulcherrimus immaculatus Wills, 1947. Angleterre

WILLSISCORPIONIDAE Kjellesvig-Waering, 1986

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Willsiscorpio Kjellesvig-Waering, 1986

Willsiscorpio bromsgroviensis (Wills, 1910). Angleterre

Super-famille des PALAEOSCORPOIDEA Lehmann, 1944

PALAEOSCORPIONIDAE Lehmann, 1944

Palaeoscorpius Lehmann, 1944

Palaeoscorpius devonicus Lehmann, 1944. Allemagne

HYDROSCORPIIDAE Kjellesvig-Waering, 1986

Hydroscorpius Kjellesvig-Waering, 1986

Hydroscorpius denisoni Kjellesvig-Waering, 1986. USA

Super-famille des SPONGIOPHONOIDEA Kjellesvig-Waering, 1986

PRAEARCTURIDAE Kjellesvig-Waering, 1986

Praearcturus Woodward, 1871

Praearcturus gigas Woodward, 1871. Angleterre

SPONGIOPHONIDAE Kjellesvig-Waering, 1986

Spongiophonus Wills, 1947

Spongiophonus pustulosus Wills, 1947. Angleterre

Sous-ordre des MERISTOSTERNINA Kjellesvig-Waering, 1986

Super-famille des CYCLOPHTHALMOIDEA Thorell & Lindström, 1885

CYCLOPHTHALMIDAE Thorell & Lindström, 1885

Cyclophthalmus Corda, 1835

Cyclophthalmus robustus Kjellesvig-Waering, 1986. Angleterre

Cyclophthalmus senior Corda, 1835. Tchéquie

Cyclophthalmus sibiricus Novojilov & Størmer, 1963. Russie

MICROLABIIDAE Kjellesvig-Waering, 1986

Microlabis Corda, 1839

Microlabis sternbergii Corda, 1839. Tchéquie

Super-famille des PALAEOBUTHOIDEA Kjellesvig-Waering, 1986

PALAEOBUTHIDAE Kjellesvig-Waering, 1986

Palaeobuthus Petrunkevitch, 1913

Palaeobuthus distinctus Petrunkevitch, 1913. USA

Sous-ordre des LOBOSTERNINA Pocock, 1911

Super-famille des ISOBUTHOIDEA Petrunkevitch, 1913

EOBUTHIDAE Kjellesvig-Waering, 1986

Eobuthus Frič, 1904

Eobuthus cordai Kjellesvig-Waering, 1986. Tchéquie

Arachnides 115, 2024.

Eobuthus holti Pocock, 1911. Angleterre
Eobuthus rakovnicensis Frič, 1904. Tchéquie

EOSCORPIIDAE Scudder, 1884

Eoscorpius Meek & Worthen, 1868

Eoscorpius bornaensis Sterzel, 1918. Allemagne
Eoscorpius carbonarius Meek & Worthen, 1868. USA, Allemagne
Eoscorpius casei Kjellesvig-Waering, 1986. Canada
Eoscorpius distinctus (Petrunkevitch, 1949). Angleterre
Eoscorpius mucronatus Kjellesvig-Waering, 1986. Angleterre
Eoscorpius pulcher (Petrunkevitch, 1949). Angleterre
Eoscorpius sparthensis Baldwin & Sutcliffe, 1904. Angleterre, Tchéquie
Eoscorpius sp. in Poschmann, Dunlop, Bethoux & Galtier, 2016. France
Eoscorpius sp. Lei, Zhou, Wan, Wei & Wang 2020. Chine

Eskiscorpio Kjellesvig-Waering, 1986

Eskiscorpio parvus Kjellesvig-Waering, 1986. Ecosse

Trachyscorpio Kjellesvig-Waering, 1986

Trachyscorpio squarrosus Kjellesvig-Waering, 1986. Ecosse

ISOBUTHIDAE Petrunkevitch, 1913

Boreoscorpio Kjellesvig-Waering, 1986

Boreoscorpio copelandi Kjellesvig-Waering, 1986. Canada

Bromsgroviscorpio Kjellesvig-Waering, 1986

Bromsgroviscorpio willsi Kjellesvig-Waering, 1986. Angleterre

Feistmantelia Frič, 1904

Feistmantelia ornata Frič, 1904. Tchéquie

Isobuthus Frič, 1904

Isobuthus kralupensis (Thorell & Lindström, 1885). Tchéquie

Isobuthus nyranensis Frič, 1904. Tchéquie

KRONOSCORPIONIDAE Kjellesvig-Waering, 1986

Kronoscorpio Kjellesvig-Waering, 1986

Kronoscorpio danielsi (Petrunkevitch, 1913). USA

PAREOBUTHIDAE Kjellesvig-Waering, 1986

Pareobuthus Wills, 1959

Pareobuthus salopiensis Wills, 1959. Angleterre

Sous-ordre des PARISOBUTHOIDEA Kjellesvig-Waering, 1986

PARISOBUTHIDAE Kjellesvig-Waering, 1986

Paraisobuthus Kjellesvig-Waering, 1986

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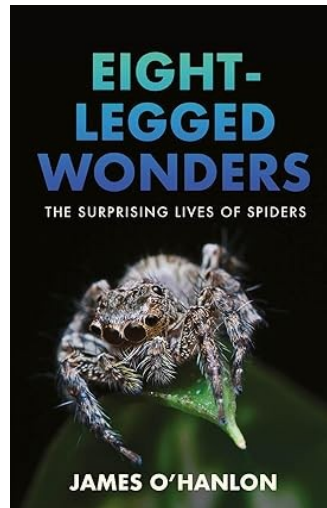
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SHERWOOD D. & GABRIEL R., 2024. Two new species of *Thrixopelma* Schmidt, 1994 from Peru (Araneae: Theraphosidae). *ZooNova*, 31: 1-8.

Abstract: Two new species of *Thrixopelma* Schmidt, 1994 are described from Peru based on historic male specimens: *Thrixopelma christineae* sp. nov. and *Thrixopelma eliseanneae* sp. nov., both deposited in the Muséum national d'histoire naturelle, Paris. This work increases the diversity of this genus to ten, and the total number of congeners known from Peru to nine.

PEÑAHERRERA-R. P., GHIA T., SHERWOOD D., & RAY GABRIEL R., 2024. New insights on male palpal bulb morphology in *Cymbiapophysa* Gabriel & Sherwood, 2020, with four new species from Ecuador (Araneae: Theraphosidae). *Arachnology*, 19 (7), 1003–1017.

Abstract: Four new species of *Cymbiapophysa* Gabriel & Sherwood, 2020 from north-western Ecuador are described based on unique combinations of male palpal bulb and female spermathecae morphology: *C. ashily* sp. nov., *C. matildeae* sp. nov., *C. otongachi* sp. nov., and *C. yumbos* sp. nov. An updated diagnosis, key to species, and comparative plate of the male palpal bulb of previously known species, with relabelling of some keels as necessary, and evidence of a subapical keel in *Cymbiapophysa* species, are presented.

DUPÉRRÉ, N. & TAPIA, E., 2024. Description of a new *Psalmopoeus* Pocock, 1895 species (Araneae, Theraphosidae, Psalmopoeinae) from the Chocó region of Ecuador. *Zootaxa*, 5437(4):495-509.

Abstract: A new species of Theraphosidae, genus *Psalmopoeus* Pocock, 1895 is described from the Chocó region of Ecuador, *Psalmopoeus pristirana* n. sp. (male and female). The identity of the female of the recently described *Psalmopoeus satanas* Peñaherrera-R. & León-E., 2023 is discussed. Images of *Psalmopoeus ecclesiasticus* Pocock, 1903 are given for comparison and a distribution map of all Ecuadorian *Psalmopoeus* species is presented.

SHERWOOD, D., GABRIEL, R., OSORIO, L. M., BENAVIDES, L. R., PEÑAHERRERA-R., P., HÖRWEIG, C., BRESCOVIT, A. D. & LUCAS, S. M., 2024. Spot the difference: on the genus *Hapalopus* Ausserer, 1875 in Colombia and a new related genus from Brazil and Bolivia (Araneae: Theraphosidae). *ZooNova*, 32: 1-44.

Abstract: An incongruence in palpal bulb and spermathecal morphologies between groupings of species of the genus *Hapalopus* Ausserer, 1875 has persisted for some time. We redefine *Hapalopus* based on examination of the holotype male of the type species, *Hapalopus formosus* Ausserer, 1875, housed in the Naturhistorisches Museum Wien. Three new species of *Hapalopus* are described from Colombia: *H. guerreroi* Benavides, Osorio, Sherwood, Gabriel, Peñaherrera-R., Hörweg, Brescovit & Lucas sp. nov., *H. platnicki* Sherwood, Gabriel, Osorio, Benavides, Peñaherrera-R., Hörweg, Brescovit & Lucas sp. nov., and *H. vangoghi* Osorio, Benavides, Sherwood, Gabriel, Peñaherrera-R., Hörweg, Brescovit & Lucas sp. nov. The new genus *Notahapalopus* Sherwood, Gabriel, Peñaherrera-R., Osorio, Benavides, Hörweg, Brescovit & Lucas gen. nov. is described to house *Notahapalopus aymara* (Perdomo, Panzera & Pérez-Miles, 2009) comb. nov. (type species), *Notahapalopus gasci* (Maréchal, 1996) comb. nov., *N. parauapebas* Sherwood, Gabriel, Osorio, Benavides, Peñaherrera-R., Hörweg, Brescovit & Lucas sp. nov., and *N. serrapelada* (Fonseca-Ferreira, Zampaulo & Guadanucci, 2017) comb. nov. Discussion on the biogeography of *Hapalopus* and *Notahapalopus* gen. nov. is also provided. *Hapalopus lesleyae* Gabriel, 2011 is transferred to *Jambu* Miglio, Perafán & Pérez-Miles, 2024 based on palpal bulb morphology, giving the new combination *Jambu lesleyae* comb. nov.

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