ARACHNIDES

BULLETIN DE BIBLIOGRAPHIE ET DE RECHERCHES

112 **2024**

NOUVEAUX TAXA DE SCORPIONS POUR 2023.

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Pour l'année 2023, nous avons recensé 57 espèces nouvelles plus 2 espèces revalidées sans compter les fossiles.

Sur un plan géographique ces nouvelles espèces sont réparties comme suit : Asie +29, Afrique +12, Amériques +11, Océanie +3 et Europe +3.

ANUROCTONIDAE: nouvelle famille.

Santibáñez-López, Ojanguren-Affilastro, Graham & Sharma créent la famille des Anuroctonidae avec *Anuroctonus* comme unique genre.

BOTHRIURIDAE (3 nouvelles espèces)

- *Bothriurus andorinhas* Lourenço, 2023a (Brésil)
- *Bothriurus mistral* Ojanguren Affilastro, Mattoni, Alfaro & Pizarro Araya 2023 (Chili) *in* Ojanguren Affilastro, Benítez, Iuri, Mattoni, Alfaro & Pizarro-Araya, 2023
- *Brachistosternus diaguita* Ojanguren Affilastro, 2023 (Argentine) *in* Ojanguren Affilastro, Ceccarelli, Mattoni, Salas, Iuri, Ochoa & Barrios, 2023

BUTHIDAE (18 nouvelles espèces; 1 nouveau genre; 3 mises en synonymie)

- *Androctonus cacahuati* Lourenço, 2023b (Cameroun)
- *Androctonus kunti* Yagmur, 2023 (Turquie)
- *Androctonus sumericus* Al-Khazali & Yagmur, 2023 (Irak)
- *Androctonus tihamicus* Alqahtani, Yagmur & Badry, 2023. (Arabie saoudite)
- *Centruroides terueli* Armas & Cubas-Rodriguez, 2023 (Honduras)
- *Compsobuthus mahazat* Ythier & Lourenço, 2023a (Arabie saoudite)
- *Buthiscus ifoghas* Ythier & Lourenço, 2023b (Mali)
- *Buthus maamora* Ythier, 2023b (Maroc)
- *Heteroctenus turieli* Teruel & Yong, 2023 (Cuba)
- *Isometrus (Reddyanus) kanak* Lourenço, 2023e (Nouvelle Calédonie). **Lourenço revalide les sous-genres *Isometrus (Isometrus)* et *Isometrus (Reddyanus)* ce qui implique que toutes les espèces du genre *Reddyanus* sont reclassées dans le genre *Isometrus*.**
- *Langxie* Tang, Jia & Liu, 2023 nouveau genre avec *Langxie feti* comme espèce-type (Chine)
- *Leiurus hadb* Al-Qahtni, Al-Salem, Alqahtani & Badry, 2023 (Arabie saoudite)
- *Leiurus nigellus* Abu Afifeh, Aloufi & Al-Saraireh, 2023 (Arabie saoudite) in Abu Afifeh et al., 2023b
- *Leiurus sinai* Badry, Saleh, Lourenço & Ythier, 2023 (Egypte)
- *Lychas jakli* Kovarik, 2023 (Indonésie). Kovarik synonymise *Lychas kotao* Lourenço, 2020 avec *Lychas mucronatus*
- *Microbuthus saharicus* Lourenço, 2023d (Mauritanie)
- *Neobuthus fryntai* Kovarik, Elmi & Frydlova, 2023c (Somaliland)
- *Orthochirus arabicus* Ythier & Lourenço, 2023a (Arabie saoudite)

Kovarik et al, 2023b synonymisent *Orthochirus kaspereki* (Lourenço & Huber, 2000) et *Orthochirus kinzelbachi* (Lourenço & Huber, 2000) avec *Orthochirus glabrifrons* (Kraepelin, 1903).

Santibáñez-López, Ojanguren-Affilastro, Graham & Sharma introduisent la famille des Ananteridae Kraepelin, 1908 que d'autres auteurs comme Lourenço, par exemple, citaient comme sous-famille des Ananterinae Pocock, 1900 ou *Ananteris* group.

5 espèces du genre *Isometrus* ont été décrites en Inde par Deshpande et al. Malgré le fait que le texte de l'article soit disponible sur Internet en décembre 2023, la revue (*Zoologischer Anzeiger*, 308 : 71-98) dans laquelle est publié cet article est en date de 2024 ; donc ces nouvelles espèces seront listées avec celles à venir l'année 2024.

CARABOCTONIDAE (1 nouvelle espèce)

- *Hadruroides (Lourencoides) apu* Ythier & Lourenço, 2023c (Pérou)

DIPLOCENTRIDAE (2 nouvelles espèces)

- *Diplocentrus leptomanus* Villa-Corella, Silva-Kurumiya, Barrales-Alcalá, Van Devender & Francke, 2023 (Mexique)
- *Nebo jazanensis* Abu Afifeh, Aloufi, Al-Saraireh & Amr, 2023a (Arabie saoudite)

EUSCORPIIDAE (4 nouvelles espèces)

- *Euscorpius sulfur* Kovarik, Audy, Sarbu & Fet, 2023a (Albanie, Grèce)
- *Euscorpius olympus* Blasco-Arostegui & Prendini, 2023 (Grèce)
- *Megacormus orizaba* Teruel, Kovarik, Lowe & St'ahlavsky, 2023 (Mexique)
- *Megacormus seductus* Teruel, Kovarik, Lowe & St'ahlavsky, 2023 (Mexique)

HORMURIDAE (16 nouvelles espèces)

- *Hormurus ancylolobus* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus araiaspathe* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus barai* Monod, Iova & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus cameroni* Monod, Austin & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus hypseloscolus* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus krausi* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus maiwa* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus menapi* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus muyua* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus oyatabu* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus oyawaka* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus sibonai* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus slapcinskyi* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus sporacanthophorus* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus tagula* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)
- *Hormurus yela* Monod & Prendini, 2023 (Papouasie Nouvelle Guinée)

SCORPIONIDAE (7 nouvelles espèces; 2 revalidations d'espèces; 1 espèce placée *nomen dubium*)

- *Pandinus sahelicus* Ythier & Audibert, 2023 (Burkina Faso)
- *Opistophthalmus tumas* Ythier, 2023a (Namibie)
- *Scorpio atlasensis* Khammassi, Harris & Sadine, 2023 (Algérie) in Khammassi, Harris, Sadine, El Bouhissi & Nouira, 2023.
- *Scorpio granulomanus* Al-Saraireh, Yagmur, Abu Afifeh & Amr, 2023 (Jordanie)
- *Scorpio touili* Ythier & François, 2023 (Maroc)
- *Scorpio iznassen* Ythier & François, 2023 (Maroc)
- *Scorpio moulouya* Ythier & François, 2023 (Maroc)

Kawai et al. mettent *Heterometrus laevigatus nomen dubium* et revalident *Heterometrus minotaurus* Plíšková, Kovařík, Košulič & Šťáhlavský, 2016 (Thaïlande) ainsi qu'*Heterometrus cimrmani* Kovarik, 2004 (Thaïlande).

SCORPIOPIDAE (2 nouvelles espèces)

- *Scorpiops rufus* Lv & Di, 2023 (Chine)
- *Scorpiops zhui* Lv, Lourenço & Di, 2023 (Chine)

URODACIDAE (2 nouvelles espèces)

- *Urodacus uncinus* Buzatto, Clark, Harvey & Volschenk, 2023 (Australie)
- *Urodacus. lunatus* Buzatto, Clark, Harvey & Volschenk, 2023 (Australie)

VAEJOVIDAE. (2 nouvelles espèces)

- *Paruroctonus tulare* Jain, Forbes, Gorneau & Esposito, 2023 (USA)
- *Vaejovis tilae* Contreras-Felix, Del-Pozo & Navarrete-Heredia, 2023 (Mexique)

FOSSILES (8 nouvelles espèces)

BUTHIDAE (1 nouvelle espèce)

- *Cretaceousbuthus petersi* Lourenço, 2023c (Myanmar)

CHAERILIDAE (1 nouvelle espèce)

Xuan,Cai & Huang décrivent 2 espèces de *Chaerilus* sp.1, *Chaerilus* sp.2 sans spécification nominales (2023b) (Myanmar)

- *Electrochaerilus schmidti* Lourenço, 2023b (Myanmar)

PALAEOBURMESEBUTHIDAE (3 nouvelles espèces)

- *Betaburmesebuthus villosus* Xuan,Cai & Huang, 2023a (Myanmar)
- *Betaburmesebuthus fuscus* Xuan,Cai & Huang, 2023a (Myanmar)

Xuan, Cai & Huang synonymisent *Spinoburmesebuthus* avec *Betaburmesebuthus.* Lourenço (2023c) lève cette synonymie et revalide ce genre.

- *Betaburmesebuthus vinzentschmidti* Lourenço, 2023c (Myanmar) in Lourenço & Velten, 2023c.

PALAEOEUSCORPIIDAE (1 nouvelle espèce)

- *Archaeoscorpiops grossei* Lourenço (Myanmar) in Lourenço & Velten, 2023a).
- Lourenço valide la famille des Palaeoeuscorpiidae, la sous-famille des Arachaeoscorpiopinae et le genre *Archaeoscorpiops.*

PALAEOPHONIDAE

- Dunlop & Garwood synonymisent *Allopalaeophonus* Kjelleswig-Waering, 1986 avec *Palaeophonus* Thorell & Lindstrom, 1884.

PROTOBUTHIDAE (1 nouvelle espèce)

- *Protobuthus ziliolii* Viaretti, Bindellini & Dal Sasso, 2023 (Italie)

PROTOISCHNURIDAE (1 nouvelle espèce)

- *Cretaceoushormiops elegans* Xuan, Cai, Zhang & Huang, 2023c (Myanmar)
- *Cretaceoushormiops* sp. Xuan, Cai & Huang, 2023d (Myanmar). Cette espèce n'est pas spécifiée nominalement.

Papouasie Nouvelle Guinée	16	Cuba	1	Irak	1
Arabie saoudite	6	Somaliland	1	Turquie	1
Maroc	4	Chili	1	Albanie	1
Mexique	4	Brésil	1	Namibie	1
Chine	3	Burkina Faso	1	Argentine	1
Australie	2	Jordanie	1	Algérie	1
Grèce	2	Egypte	1	Mali	1
Indonésie	1	Cameroun	1	Mauritanie	1
USA	1	Pérou	1		
Nouvelle Calédonie	1	Honduras	1		

Bilan géographique des nouvelles espèces (fossiles exclus).

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ZOUATINE O., SADINE S.E., BISSATI S., CHEBOUT A., HADJAB A. & BIAD R., 2023. Etude d'occupation spatio-temporelle de scorpion *Androctonus australis* (Linnaeus, 1758) dans la vallée du M'Zab, Ghardaïa, Sahara algérien. Editeur : Univ. Frères Mentouri, Constantine 1.

DOSSIER MYGALES

SHERWOOD D., GABRIEL R., PENAHERRERA-R. P., BRESCOVIT A.D. & LUCAS S.M., 2023. On the tarantula genus *Xenesthis* Simon, 1891, with description of a new species from Venezuela (Araneae : Theraphosidae). *Taxonomy,* 3 (4): 10.3390.

- *Xenesthis avanzadora* sp.n.

KADERKA R., LÜDDECKE, T., ŘEZÁČ M., ŘEZÁČOVÁ V. & MARTIN HÜSSER M., 2023. Revision of the Peruvian tarantula *Homoeomma peruvianum* (Chamberlin, 1916): description of a new genus with eleven new species and insights to the evolution of montane tarantulas (Araneae: Theraphosidae: Theraphosinae). *Journal of Natural History*, 57:41-44, 1710-1824.

Abstract: The Peruvian tarantula *Homoeomma peruvianum* (Chamberlin, 1916) is revised. As the type specimens do not fit the diagnostic characters of *Homoeomma* Ausserer, 1871, especially because of the different palpal bulb morphology in males and the shape of spermathecae in females, *H. peruvianum* (Chamberlin, 1916) was transferred into the newly established genus *Urupelma* gen. n., which is herein described, diagnosed and illustrated. Eleven new species of *Urupelma* gen. n. (*U. sanctitheresae* sp. n., *U. sanctimariae* sp. n., *U. awanqay* sp. n., *U. ashaninka* sp. n., *U. atarraz* sp. n., *U. megantonianum* sp. n., *U. machiguenga* sp. n., *U. pampas* sp. n., *U. johannae* sp. n., *U. veronicae* sp. n., and *U. dianae* sp. n.) are herein described, diagnosed and illustrated.

KADERKA R., 2023. Notes on *Anqsha picta* (Pocock, 1903) and description of a new species of *Anqasha* from Peru (Araneae, Theraphosidae, Theraphosinae). *Revista Peruana de Biologia,* 30 (4): e25154.

- *Anqasha minaperinensis* sp.n.

PENAHERRERA-R. P. & LEON-E. R.J., 2023. On *Psalmopoeus* Pocock, 1895 (Araneae, Theraphosisae) species and tarantula conservation in Ecuador. *ZooKeys,* 1186: 185-205.

- *Psalmopoeus chronoarachne,* sp.n.
- *Psalmopoeus satanas* sp.n.

BERTANI R., 2023. Taxonomic revision and cladistic analysis of *Lasiodora* C.L. Koch, 1850 (Aeaneae, Theraphosidae) with notes on related genera. *Zootaxa,* 5390 (1): 1-116.

Abstract: The genus *Lasiodora* C. L. Koch, 1850 is revised and morphological cladistic analyses carried out including all of its species, as well as most of those of the related genera *Vitalius* Lucas, Silva & Bertani, 1993, *Nhandu* Lucas, 1983, *Pterinopelma* Pocock, 1901, *Proshapalopus* Mello-Leitão, 1923, *Eupalaestrus* Pocock, 1901, *Lasiocyano* Galleti-Lima, Hamilton, Borges & Guadanucci, 2023, *Parvicarina* Galleti-Lima, Hamilton, Borges & Guadanucci, 2023, and *Tekoapora* Galleti-Lima, Hamilton, Borges & Guadanucci, 2023. A matrix with 50 terminal taxa, 2 continuous and 48 discrete characters was analyzed with TNT 1.5. The result shows a monophyletic *Lasiodora* as sister group of *Nhandu*, and *Vitalius* is the sister group of this clade. *Lasiodora* comprises 7 species: *Lasiodora klugi* (C. L. Koch, 1841) (type species), *L. benedeni* Bertkau, 1880, *L. parahybana* Mello-Leitão, 1917, *L. subcanens* Mello-Leitão, 1921, *L. camurujipe* n. sp., *L. sertaneja* n. sp., and *L. franciscana* n. sp. *Lasiodora itabunae* Mello-Leitão, 1921 is considered a junior synonym of *L. klugi. Lasiodora differens* Chamberlin, 1917, *L. curtior* Chamberlin, 1917, *L. mariannae* Mello-Leitão, 1921, *L. difficilis* Mello-Leitão, 1921, *L. erythrocythara* Mello-Leitão, 1921, and *Acanthoscurria cristata* Mello-Leitão, 1923 are considered junior synonyms of *L. benedeni*. *Lasiodora acanthognatha* Mello-Leitão, 1921 is considered junior synonym of *L.*

parahybana. *Lasiodora dulcicola* Mello-Leitão, 1921 is considered junior synonym of *L. subcanens*. *Nhandu sylviae* Sherwood, Gabriel & Brescovit, 2023 is considered junior synonym of *Vitalius sorocabae* Mello-Leitão, 1923. The holotype of *Crypsidromus isabellinus* Ausserer, 1871 (type species of the genus) was reanalyzed and is considered the senior synonym of *Proshapalopus anomalus* Mello-Leitão, 1923 (type species of the genus). Thus, the genus *Crypsidromus* Ausserer, 1871 is considered valid, removed from the synonymy with *Lasiodora*, and *Proshapalopus* is considered a junior synonym of *Crypsidromus*. The new combination *C.multicuspidatus* (Mello-Leitão,1929) n.comb. is established. *Crypsidromus bolivianus* Simon, 1892 is considered a junior synonym of *Acanthoscurria insubtilis* Simon, 1892. Five species from Costa Rica described in *Crypsidromus* are transferred back from *Lasiodora*: *Crypsidromus brevibulbus* Valerio, 1980 comb. rev., *C. carinatus* Valerio, 1980 comb. rev., *C. icecu* Valerio, 1980 comb. rev., *C. puriscal* Valerio, 1980 comb. rev., *C. rubitarsus* Valerio, 1980 comb. rev. *Lasiodora lakoi* Mello-Leitão, 1943 is transferred to *Megaphobema*, making the new combination *Megaphobema lakoi* (Mello-Leitão, 1943) n. comb. *Lasiodora spinipes* Ausserer, 1871 is transferred to *Theraphosa*, making the new combination *Theraphosa spinipes* (Ausserer, 1871) n. comb. *Nhandu chromatus* Schmidt, 2004 is transferred to *Vitalius* making the new combination *Vitalius chromatus* (Schmidt, 2004) n. comb. *Lasiodora sternalis* is transferred to *Acanthoscurria* making the new combination *Acanthoscurria sternalis* (Mello-Leitão, 1923). Due to the homonymy with *Acanthoscurria sternalis* Pocock, 1903, the new name *Acanthoscurria melloleitaoi* nom. nov. is proposed. The following species are considered *nomina dubia*: *Lasiodora saeva* (Walckenaer, 1837), *Lasiodora striatipes* (Ausserer, 1871), *Lasiodora moreni* (Holmberg, 1876), *Crypsidromus fallax* Bertkau, 1880, *Trechona pantherina* Keyserling, 1891, *Lasiodora bahiensis* Strand, 1907, *Lasiodora citharacantha* Mello-Leitão, 1921, *Lasiodora cryptostigma* Mello-Leitão, 1921, *Lasiodora dolichosterna* Mello-Leitão, 1921, *Lasiodora fracta* Mello-Leitão, 1921, and *Lasiodora pleoplectra* Mello-Leitão, 1921.

A discussion on the relationship of *Lasiodora*, *Nhandu*, *Vitalius*, *Pterinopelma* and *Crypsidromus* as well maps with the distributions of all *Lasiodora* species are provided.

FERRETTI N., MICAELA N. & SORESI D., 2023 in press. An integrative taxonomy approach evaluates the limits of the widespread tarantula *Plesiopelma longisternale* (Araneae: Mygalomorphae: Theraphosidae) and reveals a new species from Argentina. *Zooogischer Anzeiger,*

- *Plesiopelma absconditus* sp.n.

ARACHNIDES N°112. 2024

SOMMAIRE

Photo de couverture : Nicole Lambert. *Damon* sp.
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Mail : gd.hadrurus@orange.fr
ISSN 2431-2320.Commission Paritaire de Presse : 72309.