

ARACHNIDES

BULLETIN DE BIBLIOGRAPHIE ET DE RECHERCHES



SCORPIONS BIBLIOGRAPHY 2024 (WITHOUT TOXINOLOGY).

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NOUVEAUX TAXA DE SCORPIONS POUR 2024.

Gérard DUPRE

Pour l'année 2024, nous avons recensé 55 espèces nouvelles sans compter les fossiles. Sur un plan géographique ces nouvelles espèces sont réparties comme suit : Asie +25, Afrique +17, Amériques +10 et Europe +3.

BOTHRIURIDAE. 2 espèces nouvelles.

- *Timogenes pipanaco* Barrios-Montivero, Salas & Ojanguren-Affilastro, 2024 (Argentine).
- *Urophonius trewanke* Ojanguren-Affilastro, Alfaro, Ramirez, Camousseigt-Montolivo & Pizarro-Araya, 2024. (Chili).

BUTHIDAE. 31 espèces nouvelles et 2 genres nouveaux.

- *Ananteris lourencoi* Ythier, 2024b (Brésil).
- Dans le même article l'auteur valide la famille des Ananteridae Pocock, 1900 en y incluant les genres suivant : *Ananteris* Thorell, 1891, *Tityobuthus* Pocock, 1893, *Ananteroides* Borelli, 1911, *Lychasiodes* Vachon, 1974, *Himalayotityobuthus* Lourenço, 1997, *Troglotityobuthus* Lourenço, 2000, *Microananteris* Lourenço, 2003 et les genres fossiles *Palaeotityobuthus* Lourenço & Weitschat, 2000, *Palaeoananteris* Lourenço & Wietschat, 2001 et *Archaeoananteroides* Lourenço, 2016.
- *Barbaracurus hofereki* Kovarik, 2024 (Djibouti).
- *Buthacus deserticus* Sadine, Souilem, Lourenço & Ythier, 2024 in Sadine et al., 2024 (Algérie).
- *Buthus gonzalezdelavegai* Gonzalez-Moliné & Armas, 2024. (Espagne).
- *Gint abshiri* Kovarik, Elmi & St'ahlavsky, 2024a (Ethiopie).
- *Gint derbiae* Kovarik, Elmi & St'ahlavsky, 2024a (Ethiopie).
- *Gint sahil* Kovarik, Elmi & St'ahlavsky, 2024a (Somaliland).
- *Hottentotta hatamtiorum* Amiri, Prendini, Hussen, Aliabadian, Siahsarvie & Mirshamsi, 2024. (Iran).
- *Hottentotta leetzi* Ythier, 2024a. (Chine).
- *Isometrus adviteeya* Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024 (Inde).
- *Isometrus anamalaiensis* Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024 (Inde).
- *Isometrus lithophilis* Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024 (Inde).
- *Isometrus dnyandeo* Bandgar M., Kininge, Bhosale A., Bandgar K., Bhosale D., Suryavanshi & Yadav, 2024 (Inde).
- *Isometrus palani* Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024 (Inde).
- *Isometrus thenmala* Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024 (Inde).

Ces 6 auteurs mettent *Isometrus formosus* Pocock, 1893 *nomen dubium*. Ils transfèrent *Isometrus liaquatii* Amir & Kamaluddin, 2008 et *Isometrus atherii* Amir & Kamaluddin, 2008 dans le genre *Odonthobuthus*.

- *Leiurus tamajek* Lourenço & Ythier, 2024a (Mali)
- *Mesobuthus faiki* Yagmur, Kovarik & Fet, 2024 (Turquie).
- *Microtityus adriki* Moreno-Gonzalez, Bertani & Carvalho, 2024 (Brésil).
- *Neobuthus dhobo* Kovarik, Elmi & St'ahlavsky, 2024b (Somaliland).
- *Neobuthus opatovae* Kovarik, Elmi & St'ahlavsky, 2024b (Somaliland).
- *Neobuthus osoli* Kovarik, Elmi & St'ahlavsky, 2024b (Somaliland).
- *Neobuthus verae* Kovarik, Elmi & St'ahlavsky, 2024b (Somaliland).
- *Odontobuthus persicus* Barahoei & Shahi, 2024 (Iran).
- *Parabuthus dorisae* Kovarik, Lowe, Elmi & St'ahlavsky, 2024. (Somaliland).
- *Parabuthus evae* Kovarik, Lowe, Elmi & St'ahlavsky, 2024. (Somaliland).
- *Parabuthus quincyae* Kovarik, Lowe, Elmi & St'ahlavsky, 2024. (Somaliland).
- *Tityopsis rolandoi* Kovarik, Stockmann, St'ahlavsky & Yong, 2024 (Cuba).
- *Tityus (Tityus) achilles* Laborieux, 2024b. (Colombie).
- *Tityus (Atreus) icarus* Laborieux, 2024a. (Colombie).
- *Uroplectes ebogo* Kovarik, St'ahlavsky & Govorov, 2024. (Cameroun).

Tang et al. (2024a) mettent en synonymie les espèces suivantes : *Mesobuthus bolensis* Sun et al. 2010, *Mesobuthus karshius* Sun & Sun, 2011, et *Olivierus tarabaevi* Fet et al., 2021 = *Olivierus longichelus* (Sun & Zhu, 2010). *Olivierus extremus* (Werner, 1936) et *Olivierus hainanensis* (Birula, 1904) = *Olivierus martensii* (Karsch, 1879).

- *Sanaag* Kovarik, 2024 gen n. (Somaliland) avec *Sanaag maidensis* type species (*Gint maidensis* Kovarik, Lowe, Just, Awale, Elmi & St'ahlavsky, 2018).
- *Sahil* Kovarik, 2024 gen.n. et *Sahil elmii* Kovarik 2024 (Somaliland).

CHACTIDAE. 1 espèce nouvelle.

- *Hadrurochactas tumucumaque* Ythier & Lourenço, 2024 (Guyane Française).

CHAERILIDAE. 1 espèce nouvelle.

- *Chaerilus adrianoi* Lourenço & Ythier, 2024b (Myanmar).
- *Chaerilus birmanicus* Thorell, 1899 et *Chaerilus anneae* Lourenço, 2012 sont restaurées.
- *Chaerilus kampuchea* Lourenço, 2012 est revalidé.

EUSCORPIIDAE. 5 espèces nouvelles et 1 sous-espèce nouvelle.

- *Alpiscorpius istanbulensis* Tropea, Yagmur & Parmakelis, 2024 (Turquie).
- *Alpiscorpius orgeli* Yagmur, 2024 (Turquie).
- *Euscorpius borovaglavaensis flavus* Vignoli, 2024 in Podnar et al, 2024 (Croatie).
- *Euscorpius gulhanimae* Yagmur, 2024 (Turquie).
- *Euscorpius petaberoni* Tropea, Fet, Parmakelis & Stathi, 2024 (Bulgarie).
- *Euscorpius trichasi* Tropea, Fet, Parmakelis & Stathi, 2024 (Grèce).

HORMURIDAE. 1 espèce nouvelle.

- *Opisthacanthus mossambicensis* Lourenço & Ythier, 2024 (Mozambique).

SCORPIONIDAE. 6 espèces nouvelles et 1 genre nouveau.

- *Scorpio atakor* Ythier, Sadine, Bengaid & Lourenço, 2024 (Algérie). Ces auteurs annulent la synonymisation de *Scorpio maurus trarasensis* Bouisset & Larrouy, 1962 et élèvent cette sous-espèce au rang d'espèce.

- *Jordanius* Abu Afifeh, Yagmur, Al-Saraireh & Amr, 2024.
- *Scorpio granulomanus* est transférée dans le genre *Jordanius* apr ces auteurs.
- *Jordanius maysaraensis* Abu Afifeh, Yagmur, Al-Saraireh & Amr, 2024 (Jordanie).
- *Scorpio jordanensis* Abu Afifeh, Yagmur, Al-Saraireh & Amr, 2024 (Jordanie).
- *Scorpio wahbehi* Abu Afifeh, Yagmur, Al-Saraireh & Amr, 2024 (Jordanie).
- *Scorpio karakurti* Yagmur, 2024 in Yagmur, Hussen, Karakurt, Kurt, Sipahioglu & Kartal , 2024 (Turquie).
- *Scorpio sirnakensis* Yagmur, 2024 in Yagmur, Hussen, Karakurt, Kurt, Sipahioglu & Kartal , 2024 (Turquie).

- *Scorpio propinquus* nomen dubium par Abu Afifeh et al., 2024.

SCORPIOPIIDAE. 6 espèces nouvelles.

- *Scorpiops (Euscorpiops) krachan* Nawaneti Wong, Kosulic, Warrit, Lourenço & Ythier, 2024 (Thaïlande).

- *Scorpiops deshpandei* Tang, Ouyang, Liu & St'ahlavsky, 2024 (Chine).
- *Scorpiops kovariki* Tang, Ouyang, Liu & St'ahlavsky, 2024 (Chine).
- *Scorpiops matthewi* Tang, Ouyang, Liu & St'ahlavsky, 2024 (Chine).
- *Scorpiops reini* Tang, 2024 (Chine).
- *Scorpiops tangae* Kovarik, St'ahlavsky & Stockmann, 2024 (Laos).

TROGLOTAYOSICIDAE. 1 espèce nouvelle.

- *Troglotayosicus akaido* Moreno-Gonzalez, Luna-Sarmiento & Prendini, 2024 (Colombie).

VAEJOVIDAE. 1 espèce nouvelle.

- *Vaejovis castanoae* Contreras-Felix & Navarrete-Heredia, 2024 (Mexique).

FOSSILES. 8 espèces nouvelles et 1 genre nouveau.

BUTHIDAE

- *Mesobuthus* sp. Novruzov, 2024. (Azerbaïdjan). Espèce subfossile.

CHAERIOBUTHIDAE

- Chaerilobuthus petersi* Lourenço, 2024 (in Lourenço & Velten, 2024e) (Myanmar).
- Chaerilobuthus staxi* Lourenço, 2024 (in Lourenço & Velten, 2024b) (Myanmar).
- Serratochaerilobuthus* Lourenço, 2024, genre nouveau avec comme espèce-type:
- Serratochaerilobuthus schmidtii* Lourenço, 2024 (in Lourenço & Velten, 2024d) (Myanmar).

PALAEOBURMESEBUTHIDAE

- *Betaburmesebuthus thomasvelteni* Lourenço, 2024 (in Lourenço & Velten, 2024c). Myanmar.
- *Paranotaburmesebuthus* Lourenço, 2024 (in Lourenço & Velten, 2024a) (Myanmar).
- *Paranotaburmesebuthus schmidti* Lourenço, 2024 (in Lourenço & Velten, 2024a) (Myanmar).

PALAEOEUSCORPIIDAE

- *Burmesescorpiops velteni* Lourenço, 2024 (Myanmar).

PROTOISCHNURIDAE

- *Cretaceoushormiops elegans* Xuan, Cai, Zhang & Huang, 2024 (Myanmar).

Inde	6	Djibouti	1	Iran	2
Chine	5	Ethiopie	2	Turquie	6
Somaliland	9 + 2 gen.	Cameroun	1	Guyane française	1
Colombie	3	Brésil	2	Cuba	1
Mali	1	Grèce	1	Mozambique	1
Chili	1	Croatie	1ssp	Algérie	2
Mexique	1	Jordanie	3 + 1gen.	Bulgarie	1
Myanmar	1	Laos	1	Thaïlande	1
Espagne	1	Argentine	1		

Bilan géographique des nouveaux taxa (fossiles exclus).

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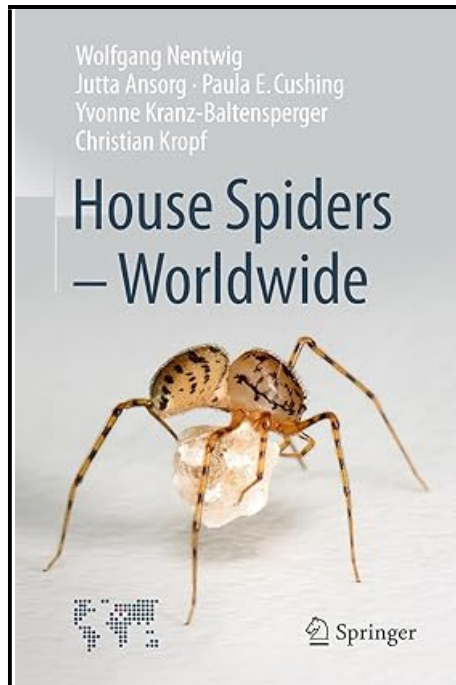
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NENTWIG W., ANSORG J., CUSHING P.E., KRANZ-BALTENSPERGER Y. & KROPF C., 2024. House Spiders – Worldwide. Springer Nature, 224 pages.



MUKHERJEE A.K. & DAS B., 2024. Scorpion venom. Evolution, medical impact, and therapeutic potential. Boca Raton, CRC Press, 146pp.



DEMIRSOY A. & YAGMUR E.E., 2024. Les scorpions de Turquie (In Turkish). Librairie Sarmal, 384pp.



DOSSIER MYGALES

Ce dossier est supprimé du bulletin car il fait double usage avec des sites Internet comme arachnidotaxonomy.com et le World Spider Catalog, sites qui sont mis à jour quotidiennement pour ce qui concerne les araignées.

SCORPDB: A NOVEL OPEN-ACCESS DATABASE FOR INTEGRATIVE SCORPION TOXINOLOGY

Abstract

Scorpion stings are a significant public health concern globally, particularly in tropical and subtropical regions. Scorpion venoms contain a diverse array of bioactive peptides, and different scorpion species around the world typically exhibit varying venom profiles, resulting in a wide range of envenomation symptoms. Despite their harmful effects, scorpion venom peptides hold immense potential for drug development due to their unique characteristics. Therefore, the establishment of a comprehensive database that catalogs scorpions along with their known venom peptides and proteins is imperative in furthering research efforts in this research area. We hereby present ScorpDb, a novel database that offers convenient access to data related to different scorpion species, the peptides and proteins found in their venoms, and the symptoms they can cause. To this end, the ScorpDb database has been primarily advanced to accommodate data on the Iranian scorpion fauna. From there, we propose future community efforts to include a larger diversity of scorpions and scorpion venom components. ScorpDb holds the promise to become a valuable resource for different professionals from a variety of research fields, like toxinologists, arachnologists, and pharmacologist.

The database is available at <https://www.scorpdb.com/>.

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Photo de couverture : *Euscorpius tergestinus* in C.L. Koch, 1836/1837, Die Arachniden (3 band).

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