

# ARACHNIDES

BULLETIN DE BIBLIOGRAPHIE ET DE RECHERCHES



105

2022

**WORLD SCORPIONS BIBLIOGRAPHY 2021  
(EXCEPT TOXINOLOGY)**

**G. DUPRE**

We have decided not to take into account articles concerning toxinology and venomology from 2021 and only we keep references on: systematics, evolution, ecology, palaeontology, biogeography and faunistic, teratology, behavior, general biology, scorpionism, epidemiology.....

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## A propos de la répartition des espèces du genre *Leiurus* Ehrenberg, 1828 (Scorpiones: Buthidae).

G. DUPRE

### Résumé.

Les espèces du genre *Leiurus* ont subi depuis une vingtaine d'années de profondes modifications de répartition à partir de la description d'espèces nouvelles préalablement attribuées à *Leiurus quinquestriatus* (Ehrenberg, 1828). Nous en présentons le suivi historique.

### Préalable historique.

Dans le catalogue de Fet (2000), *Leiurus quinquestriatus* comprend deux sous-espèces: *L. q. quinquestriatus* Erhenberg, 1828 et *Buthus q. hebraeus* Birula, 1908. La répartition de ces deux sous-espèces est la suivante:

- *L. q. quinquestriatus*: Algérie, Tchad, Egypte, Ethiopie, Libye, Mali, Niger, Somalie, Soudan, Tunisie et en Asie, Egypte (désert du Sinaï).

- *L. q. hebraeus*: Israël, Jordanie, Liban, Syrie, Arabie saoudite, Yémen.

En note les auteurs précisait que " The scope and range of the nominotypical subspecies are not clear".

Plus récemment Lourenço, Qi & Cloudsley-Thompson (2006) donnent la répartition suivante pour *Leiurus quinquestriatus*: Algérie, Tchad, Egypt, Ethiopie, Libye, Mali, Niger, Somalie, Soudan et Tunisie en Afrique, et Sinaï (Egypte), Irak, Israël, Jordanie, Koweït, Liban, Oman, Qatar, Arabie saoudite, Syrie, Turquie, Emirats Arabes Unis et Yémen en Asie.

Ils précisent que les populations africaines correspondent à *L. q. quinquestriatus* et les populations asiatiques à *L. q. hebraeus* et *L. jordanensis* Lourenço, Modry & Amr, 2002, cette seconde espèce étant notée en Arabie saoudite par Hendrixson, 2006.

Après 2014, *Leiurus quinquestriatus quinquestriatus* devient *Leiurus quinquestriatus* suite à la modification concernant *Leiurus quinquestriatus hebraeus*. La répartition géographique de cette espèce va être considérablement restreinte de par la description d'espèces nouvelles précédemment décrite comme *L. quinquestriatus*.

### Répartition des espèces en 2022.

*Leiurus abdullahbayrami* Yagmur, Koç & Kunt, 2009  
ASIE. Syrie, Turquie

*Leiurus aegyptiacus* Lourenço & El-Hennawy H., 2021  
AFRIQUE. Egypte

*Leiurus arabicus* Lowe, Yagmur & Kovarik, 2014  
ASIE. Arabie saoudite, Bahrain

*Leiurus ater* Lourenço, 2019  
AFRIQUE. Tchad

*Leiurus brachycentrus* (Ehrenberg, 1829)  
ASIE. Arabie saoudite, Yémen

***Leiurus dekeyseri*** Lourenço, 2020a  
AFRIQUE. Mauritanie

***Leiurus gubanensis*** Kovarik & Lowe, 2020  
AFRIQUE. Somaliland. (Sur Wikipedia, est rajouté la Somalie).

***Leiurus haenggii*** Lowe, Yagmur & Kovarik, 2014  
ASIE. Arabie saoudite, Oman, Yémen

***Leiurus hebraeus*** (Birula, 1908)  
Cette espèce a été décrite sous le protonyme *Buthus quinquestriatus hebraeus* par Birula en 1908. Elle est classée dans le genre *Leiurus* en 1949. Elle est élevée au rang d'espèce par Lowe, Yağmur et Kovařík en 2014.  
ASIE. Israël, Palestine, Jordanie, Liban, Syrie

***Leiurus heberti*** Lowe, Yagmur & Kovarik, 2014  
ASIE. Oman

***Leiurus hoggarensis*** Lourenço, Kourim & Sadine, 2018  
AFRIQUE. Algérie

***Leiurus jordanensis*** Lourenço, Modry & Amr, 2002  
ASIE. Jordanie, Arabie saoudite

***Leiurus kuwaiti*** Lourenço, 2020b  
ASIE Koweit

***Leiurus macroctenus*** Lowe, Yagmur & Kovarik, 2014  
ASIE. Oman

***Leiurus nigerianus*** Lourenço, 2021  
AFRIQUE. Nigéria

***Leiurus quinquestriatus*** (Ehrenberg, 1828)  
AFRIQUE. Egypte, Soudan. On voit que la répartition de cette espèce est considérablement diminuée par rapport aux données du début du 21<sup>ème</sup> siècle.

***Leiurus saharicus*** Lourenço, 2020c  
AFRIQUE. Mali

***Leiurus savanicola*** Lourenço, Qi & Cloudsley-Thompson, 2006  
AFRIQUE. Cameroun

***Leiurus somalicus*** Lourenço & Rossi, 2016  
AFRIQUE. Somalie

#### **Incertitudes à noter.**

La présence d'une espèce en Libye (*L. libycus*) fait partie des problèmes à résoudre. El-Hennawy (1992), Barbash (1980) et Lourenço (2021) évoquent cette présence. Duval et al., 1970,

signalent la présence d'un *Leiurus* sp. au nord-ouest de l'Algérie et Goyffon & Guette (2005) citent *L. quinquestriatus* au Niger.

### Conséquence sur les études épidémiologiques du scorpionisme dans le monde.

Cette modification de la répartition géographique de *Leiurus quinquestriatus* nécessite et nécessitera de nouvelles données sur le scorpionisme dû à cette espèce en précisant bien scrupuleusement l'origine des animaux incriminés. Il en sera de même pour les études concernant la toxinologie.

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#### Addendum.

Dans l'article sur les nouveaux taxa de scorpions de 2021 (Arachnides, 104 : 1-7), nous avons omis cette référence parue dans la *Revista Ibérica de Aracnologia* n°39, revue qui était sortie avec un peu de retard sur le site de la SEA. La voici donc :

LOURENÇO W.R., 2021 The genus *Ananteris* Thorell, 1891 (Scorpiones: Buthidae) in the state of Amapa, Brazil, with description of a new species. *Revista Ibérica de Aracnologia*, 39: 13-16.

- *Ananteris karupina* sp.n. (Brésil).

## DOSSIER MYGALES.

CIFUENTES Y. & BERTANI R., 2022. Taxonomic revision and cladistic analysis of the tarantula genera *Tapinauchenius* Ausserer, 1871, *Psalmopoeus* Pocock, 1895, and *Amazonius* n.gen. (Theraphosidae, Psalmopoeinae). *Zootaxa*, 5101.

Abstract: The genera *Psalmopoeus* Pocock, 1895, *Tapinauchenius* Ausserer, 1871 and *Pseudoclamoris* Hüsser, 2018 are revised and cladistics analyses carried out including most species of these genera. In order to test the monophyly of Aviculariinae and Psalmopoeinae, species of all genera in these two subfamilies were included, as well as of Harpactirinae, Selenocosmiinae, Theraphosinae, Stromatopelmatinae, Ischnocolinae, Schismatothelinae, Poecilotherinae, and a barychelid was used to root the cladogram. The matrix with 50 terminal taxa, 1 continuous and 85 discrete characters was analysed with TNT 1.5. The results show a monophyletic Psalmopoeinae as sister group of Aviculariinae. *Psalmopoeus* comprises 9 species: *Psalmopoeus cambridgei* Pocock, 1895 (type species), *Psalmopoeus ecclesiasticus* Pocock, 1903, *Psalmopoeus emeraldus* Pocock, 1903, *Psalmopoeus irminia* Saager, 1994, *Psalmopoeus langenbucheri* Schmidt, Bullmer & Thierer-Lutz, 2006, *Psalmopoeus plantaris* Pocock, 1903, *Psalmopoeus pulcher* Petrunkevitch, 1925, *Psalmopoeus reduncus* (Karsch, 1880), and *Psalmopoeus victori* Mendoza, 2014. *Psalmopoeus intermedius* Chamberlin, 1940 is considered a junior synonym of *P. reduncus*. *Psalmopoeus copanensis* Gabriel & Sherwood, 2020, *P. sandersoni* Gabriel & Sherwood, 2020 and *P. petenensis* Gabriel & Sherwood, 2020 are considered junior synonyms of *P. victori*. *Psalmopoeus maya* Witt, 1996 is considered *nomen nudum*. *Tapinauchenius* comprises 8 species: *Tapinauchenius plumipes* (C.L. Koch, 1842) (type species), *Tapinauchenius sanctivincenti* (Walckenaer, 1837), *Tapinauchenius latipes* L. Koch, 1875, *Tapinauchenius brunneus* Schmidt, 1995, *Tapinauchenius cupreus* Schmidt & Bauer, 1996, *Tapinauchenius polybotes* Hüsser, 2018, *Tapinauchenius rasti* Hüsser, 2018, and *T. gretae* n. sp. The female of *T. brunneus* is described for first time. *Tapinauchenius violaceus* (Mello-Leitão, 1930), *T. purpureus* Schmidt, 1995, *T. concolor* (Caporiacco, 1947), and *T. gigas* Caporiacco, 1954 are considered junior synonyms of *T. plumipes*. With the synonymy of *T. gigas* (type species of *Pseudoclamoris* Hüsser, 2018), it was necessary to describe a new genus for the two species formerly included in it. Thus, the new genus *Amazonius* n. gen. is erected to include *A. elenae* (Schmidt, 1994) n. comb., *A. burgessi* (Hüsser, 2018) n. comb. as well as two new species *A. giovaninii* n. gen. n. sp. and *A. germani* n. gen. n. sp. A discussion on the relationship of Psalmopoeinae and Aviculariinae and maps with the distributions of all species are provided.



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