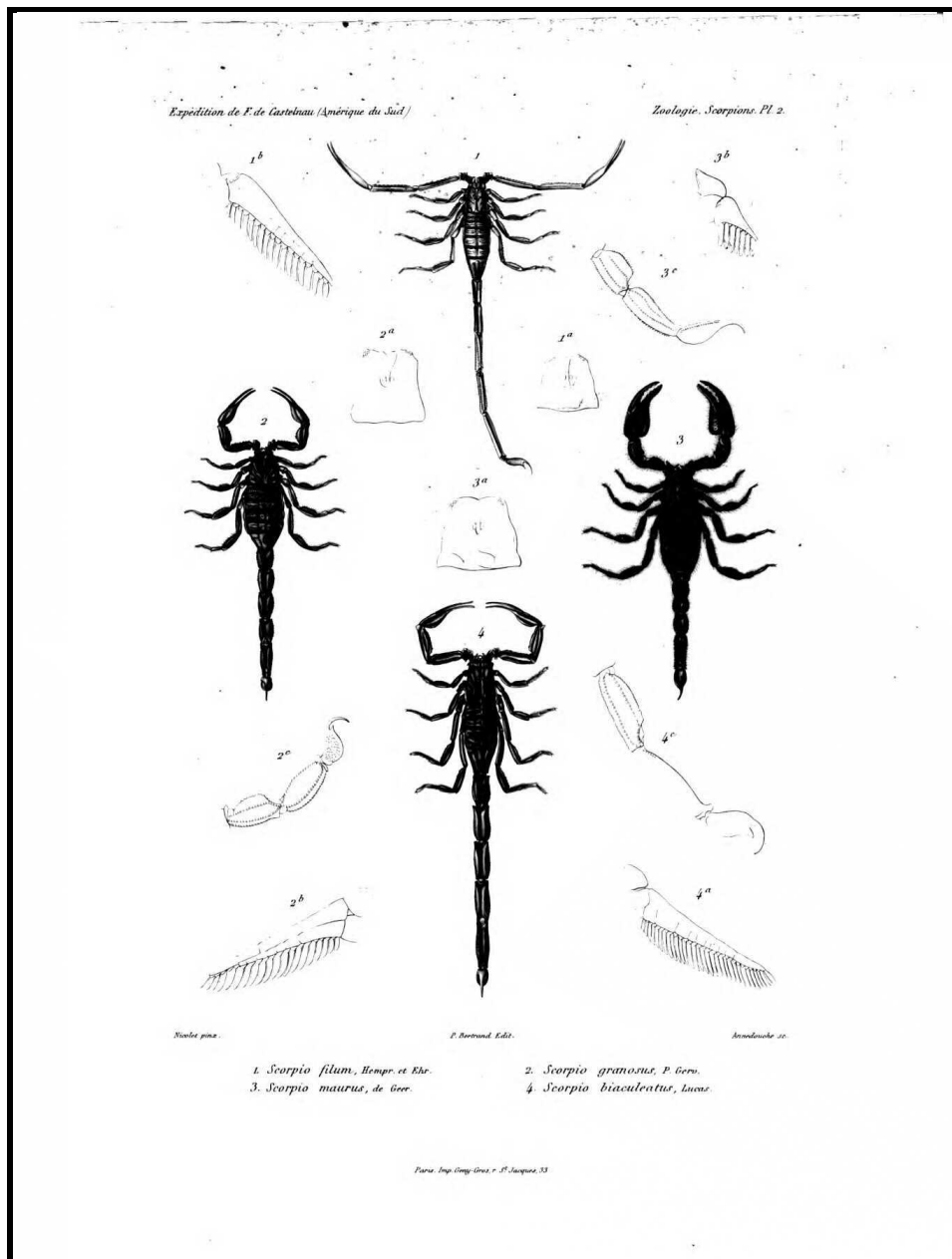


# ARACHNIDES

BULLETIN DE TERRARIOPHILIE ET DE RECHERCHES DE  
L'A.P.C.I. (Association Pour la Connaissance des Invertébrés)



## EDITO

Contrairement aux années précédentes, nous avons décidé d'inclure la bibliographie annuelle des scorpions à ce numéro d'Arachnides alors que jusqu'à maintenant elle faisait l'objet d'une édition à part.

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## NOUVEAUX TAXA DE SCORPIONS POUR 2017

Gérard DUPRE

L'année 2017 a été riche en descriptions de taxa nouveaux, en modifications systématiques mais a été surtout l'objet de "réglements de compte" en ce qui concerne la systématique du genre *Pandinus* lato sensu (voir plus loin).

### **Bothriuridae:**

*Bothriurus aguardente* Santos-da-Silva, Carvalho & Brescovit, 2017 (Brésil)

*Bothriurus delmari* Santos-da-Silva, Carvalho & Brescovit, 2017 (Brésil)

*Mauryius* Ojanguren-Affilastro & Mattoni, 2017

*Mauryius cuyanus* Ojanguren-Affilastro & Mattoni, 2017 (Argentine)

### **Buthidae**

*Ananteris otaviano* Araujo Lira, Pordeus & Albuquerque, 2017 (Brésil)

*Babycurus brignolii* Lourenço & Rossi, 2017a (Centrafrique)

*Buthacus elmenia* Lourenço & Sadine, 2017 (Algérie)

*Buthacus ahaggar* Lourenço, Kourim & Sadine, 2017 (Algérie)

*Buthus danyii* Rossi, 2017a (Ghana)

*Buthus oudjanii* Lourenço, 2017h (Maroc)

*Centruroides caribbeanus* Teruel & Myers, 2017 (Mexique, Honduras)

*Grosphus halleuxi* Lourenço, Wilmé, Soarimalala & Waeber, 2017 (Madagascar)

*Grosphus rakotoarivelo* Lourenço, Wilmé, Soarimalala & Waeber, 2017 (Madagascar)

*Lychas brehieri* Lourenço, 2017i (Myanmar)

*Physoctonus amazonicus* Lourenço, 2017e (Brésil)

*Tityus curupi* Ojanguren-Affilastro, Adilardi, Cajade, Ramirez, Ceccarelli & Mola, 2017 (Argentine)

*Tityus (Atreus) generaltheophilo* Lourenço, 2017b (Brésil)

*Tityus (Atreus) cisandinus* Lourenço & Ythier, 2017 (Equateur)

Teruel synonymise plusieurs espèces du genre *Tityus*: *Tityus anasilviae* Armas & Abud, 2004 = *Tityus ottenwalderi* Armas, 1999; *Tityus bahoruco* Teruel & Armas, 2006 = *Tityus crassimanus* (Thorell, 1876); *Tityus ebanoverde* Armas, 1999 = *Tityus elii* Armas & Marcano Fondev, 1992; *Tityus septentrionalis* Armas & Abud, 2004 = *Tityus portoplatensis* Armas & Marcano Fondev, 1992.

Sousa, Arnedo & Harris synonymisent plusieurs espèces des genres *Buthus* et *Androctonus*: *Buthus sabulicola* Touloun, 2012 = *Buthus bonito* Lourenço & Geniez, 2005; *Buthus halius* (C.L. Koch, 1839) = *Buthus ibericus* Lourenço & Vachon, 2004; *Androctonus eurilochus* C.L. Koch, 1839 =

*Buthus occitanus* (Amoreux, 1789); *Buthus europaeus tridentatus* Franganillo, 1918 = *Buthus occitanus* (Amoreux, 1789) et *Buthus barbouri* Werner, 1932 est transférée dans le genre *Androctonus*; Ces auteurs revalident *Buthus nigrovesiculosus* Hirst, 1925 et élèvent *Buthus atlantis parroti* Vachon, 1949 au rang d'espèce.

De Armas (2017a) synonymise *Centruroides haitiensis* Lourenço, 2016 avec *Centruroides alayoni* Armas, 1999.

Teruel, Kovarik, Lowe & Friedrich sortent de leur synonymie 3 espèces du genre *Tityus*: *Tityus carolinae* Kovarik, Teruel, Cozijn & Seiter, 2013, *Tityus dillerorum* Kovarik, Teruel, Lowe & Friedrich, 2015 et *Tityus wachteli* Kovarik, Teruel, Lowe & Friedrich, 2015.

Kovarik, Teruel & Lowe synonymisent *Microananteroides mariachiarae* Rossi et Lourenço, 2015 avec *Akentrobuthus atakora* Vignoli et Prendini, 2008 mais Rossi (2017e) annule cette mise en synonymie.

Lourenço & Rossi (2017b) substituent un nouveau nom à *Butheolus pallidus* Lourenço & Duhem, 2012 qui devient *Butheolus hallani* Lourenço & Duhem, 2017.

Esposito, Yamaguti, Souza, Pinto-Da-Rocha & Prendini effectuent de nombreuses modifications dans la famille des Buthidae:

- revalidation du genre *Heteroctenus* Pocock, 1893 avec 5 nouvelles combinaisons: *Heteroctenus abudi* (Armas & Marcano Fondeur, 1987); *Heteroctenus bonettii* (Armas, 1999); *Heteroctenus garridoi* (Armas, 1974); *Heteroctenus gibarae* (Teruel, 2006) et *Heteroctenus princeps* (Karsch, 1879), toutes ses espèces étant antérieurement dans le genre *Rhopalurus*.

- création du genre ***Ischnotelson*** avec comme espèce-type *Rhopalurus guanambiensis* (Lenarducci, Pinto-da-Rocha & Lucas, 2005)

- création du genre ***Jaguajir*** avec comme espèce-type *Rhopalurus agamemnon* (C.L. Koch, 1839) et 3 nouvelles combinaisons: *Jaguajir agamemnon* (C.L. Koch, 1839); *Jaguajir pintoï* (Mello-Leitao, 1932) et *Jaguajir rochae* (Borelli, 1910), toutes ses espèces étant antérieurement dans le genre *Rhopalurus*.

- *Rhopalurus lacrau* Lourenço & Pinto-da-Rocha, 1997 est transférée dans le genre *Troglorhopalurus*.

- 3 nouvelles espèces sont décrites: *Ischnotelson peruassu* (Brésil), *Physoctonus striatus* (Brésil) et *Rhopalurus ochoai* (Venezuela).

- 15 mises en synonymies sont proposées: *Rhopalurus acromelas* Lutz & Mello, 1922, *Rhopalurus melleipalpus* Lutz & Mello, 1922, *Rhopalurus iglesiasi* Werner, 1927, *Rhopalurus lambdophorus* Mello-Leitao, 1932, *Rhopalurus dorsomaculatus* Prado, 1938 et *Rhopalurus goiasensis* Prado, 1940 = *Jaguajir agamemnon* (C.L. Koch, 1839); *Rhopalurus pintoï kourouensis* Lourenço, 2008 = *Jaguajir pintoï* (Mello-Leitao, 1932); *Rhopalurus crassicauda* Caporiacco, 1947, *Rhopalurus amazonicus* Lourenço, 1986 et *Rhopalurus crassicauda paruiensis* Lourenço, 2008 = *Rhopalurus laticauda* Thorell, 1876; *Rhopalurus melloleitaoï* Teruel & Armas, 2006 et *Rhopalurus aridicola* (Teruel and Armas, 2012) = *Heteroctenus junceus* (Herbst, 1800); *Rhopalurus granulimanus* Teruel, 2006 = *Heteroctenus gibarae* (Teruel, 2006); *Rhopalurus virkii* Santiago-Blay, 2009 = *Heteroctenus abudi* (Armas & Marcano Fondeur, 1987); *Rhopalurus brejo* Lourenço, 2014 = *Troglorhopalurus lacrau* (Lourenço and Pinto-da-Rocha, 1997).

Peu de temps après cette révision d'Esposito et al., De Armas (2017b) revalide les espèces suivantes: *Heteroctenus aridicola* (Teruel & Armas, 2012), *Heteroctenus melloleitaoï* (Teruel &

Armas, 2006) et *Heteroctenus granulimanus* (Teruel, 2006) et il synonymise la sous-famille des Rhopalurusinae Bücherl, 1971 avec celle des Centruroidinae Kraus, 1955.

Lourenço (2017c) revalide les espèces suivantes préalablement synonymisées: *Buthacus mahraouii* Lourenço, 2004, *Buthacus algerianus* Lourenço, 2006 et *Buthacus huberi* Lourenço, 2001. *Buthacus leptochelys algerianus* est élevée au rang d'espèce. Il suggère que *Buthacus stockmanni* Kovarik, Lowe & St'ahlavsky, 2016 soit un possible synonyme de *Buthacus maroccanus* Lourenço, 2006.

Teruel, Rivera et Sanchez synonymisent *Centruroides mariaorum* Santiago-Blay 2009 avec *Centruroides bani* Armas & Marcano Fondeur, 1987 et ils confirment la synonymie de *Rophalurus virkkii* Santiago-Blay, 2009 avec *Heteroctenus abudi* (Armas & Marcano-Fondeur, 1988).

### **Chactidae.**

*Broteochactas purus* Lourenço, 2017f (Brésil)

*Broteochactas (Taurepania) mauriciodiasi* Lourenço, 2017b (Brésil). Cet auteur prend la décision suivante: Le sous-genre *Broteochactas (Taurepania)* est un nouveau sous-genre alors que le genre *Taurepania* Gonzalez-Sponga, 1978 avait été synonymisé avec *Broteochactas* par Soleglad & Fet en 2003. Il comprend également l'espèce *Broteochactas (Taurepania) porosa* (Pocock, 1900).

*Teuthraustes giupponii* Ythier & Lourenço, 2017

*Teuthraustes khodayarii* Ythier & Lourenço, 2017

*Teuthraustes kuryi* Ythier & Lourenço, 2017

### **Diplocentridae.**

*Diplocentrus duende* Santibanez-Lopez & Gonzalez-Santillan, 2017 (Mexique).

Teruel & Rodriguez-Cabrera élèvent *Heteronebo bermudezi morenoi* (Armas, 1973) au rang d'espèce.

Santibanez-Lopez, Kriebel & Sharma synonymisent la sous-famille des Nebinae avec les Diplocentrinae.

### **Euscorpiidae**

*Euscorpius curcici* Tropea, Fet, Parmakelis, Kotsakiozi & Stathi, 2017 (Grèce)

*Euscorpius amorgensis* Tropea, Fet, Parmakelis, Kotsakiozi & Stathi, 2017 (Grèce)

*Euscorpius idaeus* Yagmur & Tropea, 2017 (Turquie)

*Megacormus xichu* Gonzalez-Santillan, Gonzalez-Ruiz & Escobedo-Morales, 2017 (Mexique)

Tropea, Fet, Parmakelis, Kotsakiozi & Stathi synonymisent *Euscorpius carpathicus aegaeus* Caporiacco, 1950 et *E. rahsenae* Yagmur & Tropea, 2013 avec *E. tauricus* (C.L. Koch, 1837).

Tropea élève au rang d'espèce *Euscorpius carpathicus calabriae* Caporiacco, 1950 (Italie), *Euscorpius carpathicus garganicus* Caporiacco, 1950 (Italie, Croatie) et *Euscorpius carpathicus canestrinii* (Fanzago, 1872) (Italie). Il crée les nouveaux taxa suivants:

- *Euscorpius garganicus molisanus* Tropea, 2017 (Italie)

- *Euscorpius salentinus* Tropea, 2017 (Italie)

- *Euscorpius altadonnai* Tropea, 2017 (Italie)

### **Hemiscorpiidae**

*Hemiscorpius shahii* Kovarik, Navidpour & Soleglad, 2017b (Iran)

### **Hormuridae**

*Liocheles schalleri* Mirza, 2017 (Inde)

*Opisthacanthus surinamensis* Lourenço, 2017a (Surinam, Brésil)

### **Pseudochactidae**

*Troglokhammouanus louisanneorum* Lourenço, 2017d (Laos)

### **Scorpionidae**

*Pandinurus kmoniceki* Kovarik, Lowe, Mazuch, Pliskova & St'ahlavsky 2017 (Somaliland)

*Pandinurus (Pandinoriens) rizzoi* Rossi, 2017c (Somaliland)

*Pandinurus hangarale* Kovarik, Lowe, Mazuch, Awale, Stundlova & St'ahkavsky, 2017 (Somaliland)

Kovarik, Lowe, Soleglad & Pliskova effectuent plusieurs modifications qui aboutissent à la liste suivante pour certains genres de *Pandinus* sensu lato:

genre *Pandiborellius* Rossi, 2015 statut nouveau

= *Pandinurus (Pandiborellius)* Rossi, 2015 nouveau synonyme

*Pandiborellius arabicus* (Kraepelin, 1894)

*Pandiborellius awashensis* (Kovařík, 2012) nouvelle combinaison

*Pandiborellius igdu* Kovařík, Lowe, Soleglad & Pliskova, 2017 espèce nouvelle (Ethiopie)

*Pandiborellius insularis* Kovařík, Lowe, Soleglad & Pliskova, 2017 espèce nouvelle (Erythrée)

*Pandiborellius lanzai* (Rossi, 2015) nouvelle combinaison

*Pandiborellius magrettii* (Borelli, 1901) nouvelle combinaison

= *Pandinurus (Pandiborellius) sabbadinii* Rossi, 2015 nouveau synonyme

*Pandiborellius meidensis* (Karsch, 1879) nouvelle combinaison

*Pandiborellius nistriai* (Rossi, 2014) nouvelle combinaison

*Pandiborellius percivali* (Pocock, 1902) nouvelle combinaison

*Pandiborellius somalilandus* (Kovařík, 2012) nouvelle combinaison

genre *Pandinurus* Fet, 1997

= *Pandinus (Pandinoriens)* Rossi, 2015 synonyme nouveau

*Pandinurus afar* Kovařík, Lowe, Soleglad & Pliskova, 2017 espèce nouvelle (Ethiopie)

*Pandinurus citernii* (Borelli, 1919) nouvelle combinaison

*Pandinurus exitialis* (Pocock, 1888)

*Pandinurus gregoryi* (Pocock, 1896)

*Pandinurus intermedius* (Borelli, 1919) nouvelle combinaison

*Pandinurus mazuchi* Kovařík, 2011 nouvelle combinaison

*Pandinurus oromo* Kovařík, Lowe, Soleglad & Pliskova, 2017 espèce nouvelle (Ethiopie)

*Pandinurus pallidus* (Kraepelin, 1894)

= *Pandinurus (Pandinurus) cianferonii* Rossi, 2015 nouveau synonyme

*Pandinurus phillipsii* (Pocock, 1896) nouvelle combinaison

*Pandinurus platycheles* (Werner, 1916)

= *Pandinus (Pandinoriens) riccardoi* Rossi, 2015 nouveau synonyme

= *Pandinus (Pandinoriens) bottegoi* Rossi, 2015 nouveau synonyme

*Pandinurus smithi* (Pocock, 1899) nouvelle combinaison

*Pandinurus sudanicus* (Hirst, 1911)

= *Pandinus ((Pandinurus) vachoni)* Rossi, 2014 nouveau synonyme

*Pandinurus trailini* (Kovařík, 2013) nouvelle combinaison

genre *Pandinus* Thorell, 1876

sous-genre *Pandipalpus* Rossi, 2015 statut nouveau

*Pandinus lowei* (Kovařík, 2012) nouvelle combinaison

= *Pandinus (Pandipalpus) pygmaeus* Rossi, 2015 nouveau synonyme

*Pandinus viatoris* (Pocock, 1890) nouvelle combinaison

Ces auteurs n'effectuent pas de modifications pour les genres et sous-genres *Pandinoides* Fet, 1997, *Pandinops* Birula, 1913, *Pandinus* (*Pandinus*) Thorell, 1876 et *Pandinus* (*Pandinopsis*) Vachon, 1974.

Rossi (2017b) effectue les modifications suivantes suite à l'article de Kovarik, Lowe, Soleglad & Pliskova:

- Réhabilitation de *Pandinurus* (*Pandinoriens*) *bottegoi* (Rossi, 2015) et *Pandinurus* (*Pandinoriens*) *riccardoi* (Rossi, 2015). *Pandinops platycheles* (Werner, 1916) est maintenu dans le genre *Pandinops* et non *Pandinurus*.

Rossi (2017c) effectue les modifications suivantes:

- *Pandinurus* (*Pandinoriens*) *citernii* (Borelli, 1919) et *Pandinurus* (*Pandinoriens*) *intermedius* (Borelli, 1919) sont rattachées au sous-genre *Pandinurus* (*Pandinoriens*) Rossi, 2015 préalablement synonymisé avec *Pandinurus* par Kovarik et al, 2017a.

Rossi (2017d) effectue les modifications suivantes:

- *Pandiborellius* (*Pandiborellius*) *magrettii magrettii* (Borelli, 1901) sous-espèce nominale, *Pandiborellius* (*Pandiborellius*) *magrettii pesarinii*, nouvelle sous-espèce (Ethiopie), *Pandiborellius* (*Pandiborellius*) *magrettii maritimus*, nouvelle sous-espèce (Erythrée). Les espèces *Pandiborellius* (*Pandiborellius*) *sabbadinii* (Rossi, 2015), *Pandiborellius* (*Pandiborellius*) *vachoni* (Rossi, 2014) et *Pandiborellius* (*Pandiborellius*) *arabicus* (Kraepelin, 1894) sont revalidées.

Kovarik F., Lowe G. & Elmi H.S.A. synonymisent *Pandinus hawkeri* Pocock, 1900 et *Pandinus peeli* Pocock, 1900 avec *Pandinops pugilator* (Pocock, 1900). Il est nécessaire ici de faire l'observation suivante:

**En 2000, Kovarik synonymise *Pandinus pugilator* avec *Pandinus* (*Pandinops*) *bellicosus* (Serkert n°7) et en 2016 il synonymise *Pandinus pugilator* avec *Pandinops hawkeri* (Euscorpius, n°229) et aujourd'hui il synonymise *Pandinus hawkeri* avec *Pandinus pugilator*. Comprenne qui pourra! La systématique des *Pandinus* lato sensu devient incompréhensible depuis quelques années.**

### Scorpiopidae

*Plethoscorpiops* Lourenço, 2017g

*Plethoscorpiops profusus* Lourenço, 2017g (Myanmar)

Pham, Tran & Lourenço élèvent au rang de genre le sous-genre *Scorpiops* (*Vietscorpiops*) Lourenço & Pham, 2015 avec *Scorpiops dentidactylus* Lourenço & Pham, 2015 comme espèce-type.

### Troglotayosicidae

*Troglotayosicus mejdeni* Botero-Trujillo, Gonzalez-Gomez, Valenzuela-Rojas & Garcia (Colombie)

### Vaejovidae.

*Pseudouroctonus brysoni* Ayrey & Soleglad (USA)

*Catalinia* Soleglad, Ayrey, Graham & Fet.

Ce nouveau genre conduit aux modifications suivantes: *Pseudouroctonus andreas* (Gertsch & Soleglad, 1972) devient *Catalinia andreas*; *Pseudouroctonus minimus minimus* (Kraepelin, 1911) devient *Catalinia minima*; *Pseudouroctonus minimus castaneus* (Gertsch & Soleglad, 1972) devient *Catalinia castanea* et *Pseudouroctonus minimus thompsoni* (Gertsch & Soleglad, 1972) devient *Catalinia thompsoni*.

Graham, Wood, Henault, Valois & Cushing synonymisent *Smeringurus immanis* avec *S. vachoni*.

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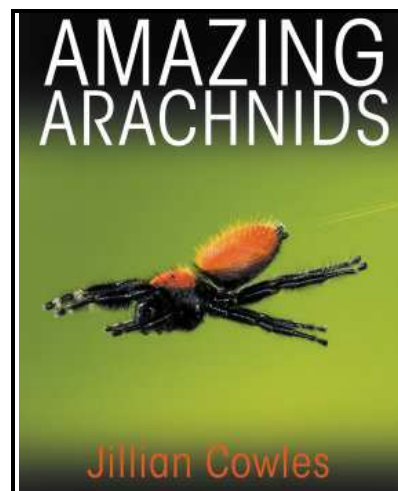
Description de *Dolichothele mottai* sp.n. (Brésil) et *D. camargorum* sp.n. (Bolivie). Redescription de *D. bolivarium* (Vol, 2001).

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## REVUES ET LIVRES NOUVEAUX

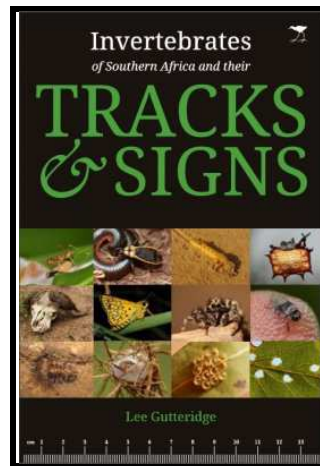


WONG D., 2016. A guide to the Spiders of Hong-Kong. Society of Hong-Kong Nature Explorers. 285 pages, photos en couleur. (en anglais et chinois).



COWLES J., 2018. Amazing Arachnids. Princeton University Press, 384 pages. (en anglais). 754 photos en couleur.

Présentation de l'éditeur traduite de l'anglais: *"Cet ouvrage couvre tous les aspects de la biologie des arachnides, tels que l'anatomie, la socialité, le mimétisme, le camouflage et les venins. Vous rencontrerez des araignées bolas qui attirent leurs victimes avec de fausses phéromones de mites, des araignées de pêche qui courtisent leurs compagnons avec des cadeaux enveloppés de soie, des araignées de cave chevaleresques, des acariens minuscules, et des tarentules massives, ainsi que beaucoup d'autres. En chemin, vous apprendrez pourquoi les arachnides sont des fossiles vivants à certains égards et des opportunistes agiles dans d'autres, et comment la sélection naturelle a perfectionné leurs structures sensorielles, leurs mécanismes de défense, leurs stratégies de reproduction et leurs méthodes de chasse."*

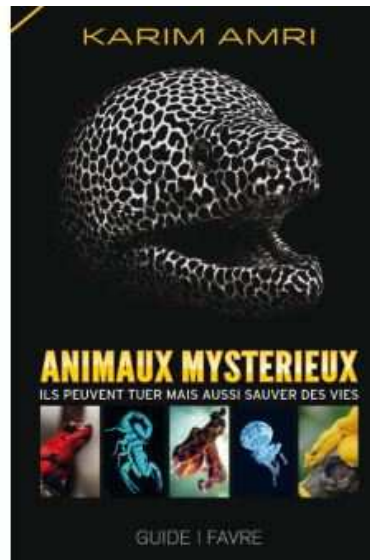


GUTTERIDGE L., 2018. The Invertebrates of Southern Africa & their Tracks and Signs. Jacana Publishers, 400 pages. (en anglais). Photos en couleur.

Présentation de l'éditeur traduite de l'anglais: *"Il est étudié et écrit au cours des quatre dernières années et demi pour ouvrir une porte à un micro-monde peu connu qui existe tout autour de nous. Les invertébrés - qui incluent des créatures communément vues comme les papillons, les araignées, les coléoptères, les vers et les scorpions - sont partout. Les signes de leurs activités quotidiennes sont tout autour de nous si nous savons où regarder. Les cycles de vie et les comportements de nombreux animaux sont discutés, avec un accent particulier sur les interactions entre les mammifères et les invertébrés - un sujet fascinant en soi."*

BERON P., March 2018. Zoogeography of Arachnida. Springer Verlag, 1047 pages (en anglais).

Présentation de l'éditeur traduite de l'anglais: *La "zoogéographie des arachnides" réunit toutes les données géographiques et paléogéographiques de tous les groupes de l'arachnofaune. Le livre présente des sujets tels que les facteurs écologiques, le climat et d'autres barrières qui influencent la distribution des arachnides. Il présente également les caractéristiques de la distribution telles que les arachnides de haute altitude (par exemple l'Himalaya), dans les cavernes, dans les régions polaires et souligne les différences entre l'arachnofaune des régions méditerranéenne, d'Europe centrale, d'Afrique de l'Ouest et d'Asie. En outre, parmi d'autres sujets ce livre comprend également des chapitres sur la systématique, les ordres fossiles, la dispersion, l'endémicité, l'arachnographie régionale et les arachnides des cavernes et de haute altitude.*



AMRI K., 2017. Animaux mystérieux. Ils peuvent tuer mais aussi savoir sauver des vies. Guide Favre, 281 pages.

Guide composé de fiches et de photos d'animaux venimeux dont des scorpions et des araignées.

**SOMMAIRE**

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