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ARACHNIDES

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**LISTE DES TRAVAUX ARACHNOLOGIQUES PUBLIES EN 2019.
ARACHNIDA: SCORPIONES**

G. DUPRE

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NOUVEAUX TAXA DE SCORPIONS. 2019

G. DUPRE

L'année 2019 a été d'une très grande richesse sur le plan systématique.

- Une nouvelle super famille et une revalidée.
- Une famille revalidée.
- 8 nouveaux genres et un revalidé.
- 2 sous-genres élevés au rang générique.
- 63 nouvelles espèces.
- 2 espèces revalidées.
- 10 sous-espèces élevées au rang spécifique.
- 60 nouvelles combinaisons dues à la création de nouveaux genres.
- 11 mises en synonymies.

BUTHIDAE.

6 nouveaux genres et 31 nouvelles espèces.

- ***Aegaeobuthus* Kovarik, 2019b**
- ***Afrolychas* Kovarik, 2019b**
- *Ananteris carrasco* Lourenço & Motta (2019). (Brésil).
- *Barbaracurus feti* Kovarik, Lowe, St'ahlavsky & Hurre, 2019 (Somaliland)
- *Centruroides lauriadnae* Ponce-Saavedra & Francke, 2019 (Mexique)
- *Centruroides possanii* Gonzalez-Santillan, Galan-Sanchez & Valdez-Velazquez L.L., 2019 (Mexique).
- *Centruroides romeroi* Quijano-Ravell, de Armas, Francke & Ponce-Saavedra, 2019 (Mexique)
- *Gint banfasae* Kovarik & Lowe, 2019 (Somaliland)
- *Hottentotta juliae* Kovarik, Yagmur & Fet, 2019 (Iran)
- *Hottentotta krivokhatskyi* Kovarik, Yagmur & Fet, 2019 (Pakistan)
- *Hottentotta vinchu* Mirza, Ambekar & Kulkarni, 2019 (Inde)
- ***Janalychas* Kovarik, 2019b**
- *Leiurus ater* Lourenço, 2019d (Tchad)
- *Microtiyus (Parvabsonus) vulcanicus* Teruel, 2019 (Cuba)
- *Neobuthus haeckeli* Kovarik, 2019c (Somaliland)
- *Neobuthus solegladi* Kovarik, 2019c (Somaliland)
- *Orthochirus carinatus* Navidpour, Kovarik, Soleglad & Fet, 2019 (Iran)
- *Orthochirus fomichevi* Kovarik, Yagmur, Fet & Hussen, 2019 (Turquie, Irak)
- *Orthochirus gantenbeini* Kovarik, Yagmur, Fet & Hussen, 2019 (Iran)
- *Orthochirus navidpouri* Kovarik, Yagmur, Fet & Hussen, 2019 (Iran)
- *Parabuthus erigavoensis* Kovarik, Lowe, Elmi & St'ahlavsky, 2019 (Somaliland)
- *Parabuthus kabateki* Kovarik, Lowe, Elmi & St'ahlavsky, 2019 (Somaliland)
- *Parabuthus mazuchi* Kovarik, Lowe, Elmi & St'ahlavsky, 2019 (Ethiopie)
- *Parabuthus robustus* Kovarik, Lowe, Elmi & St'ahlavsky, 2019 (Somaliland, Ethiopie)
- *Parabuthus somalilandus* Kovarik, Lowe, Elmi & St'ahlavsky, 2019 (Somaliland)
- *Reddyanus furai* Kovarik & St'ahlavsky, 2019 (Vietnam)
- *Reddyanus hofereki* Kovarik & St'ahlavsky, 2019 (Malaisie)
- *Reddyanus majkusi* Kovarik & St'ahlavsky, 2019 (Malaisie)
- *Reddyanus rolciki* Kovarik & St'ahlavsky, 2019 (Vietnam, Cambodge)

- *Reddyanus schwotti* Kovarik & St'ahlavsky, 2019 (Thaïlande, Cambodge)
- ***Spelaeolychas Kovarik, 2019b***
- ***Trypanothacus*** Lowe, Kovarik, Stockmann & St'ahlavsky, 2019
- *Trypanothacus barnesi* Lowe, Kovarik, Stockmann & St'ahlavsky, 2019 (Oman)
- ***Teruelius*** Lowe & Kovarik, 2019 (Madagascar)
- *Tityus anori* Lourenço, Rossi & Wilmé, 2019 (Brésil)
- *Tityus rupestre* Lourenço, 2019c (Brésil)
- *Tityus guane* Moreno-Gonzalez, Gonzalez & Florez, 2019 (Colombie)

Modifications systématiques.

Kovarik, Lowe, St'ahlavsky & Hurre synonymisent *Babycurus borellii* Rossi, 2018 avec *Barbaracurus yemenensis* Kovařík, Lowe et Št'ahlavský, 2018. Rossi (2019) réfute cette synonymie et revalide donc *Babycurus borellii*.

Kovarik, Yagmur & Fet élèvent au rang d'espèce *Hottentotta alticola penjabensis* Birula, 1897 comme *Hottentotta penjabensis*. Ces trois auteurs ignorent sans doute que cette nouvelle combinaison avait déjà été faite Kovarik lui-même en 2007! (*Euscorpius* n°58 page 50).

Kovarik, Yagmur, Fet & Hussen élèvent au rang d'espèce *Orthochirus scrobiculosus mesopotamicus* Birula, 1918 comme *Orthochirus mesopotamicus*.

Zhang, Liu, Zhang & Shi élèvent au rang d'espèce *Mesobuthus caasicus przewalskii* (Birula, 1897) comme *Mesobuthus przewalskii*.

Lowe & Kovarik transfèrent les espèces suivantes du genre *Grosphus* dans le nouveau genre *Teruelius*: *Grosphus ambre* Lourenço, Wilmé & Waeber, 2018, *Grosphus bemarka* (Lourenço, Wilmé & Waeber, 2018), *Grosphus ankarafantsika* Lourenço, 2003, *Grosphus ankarana* Lourenço & Goodman, 2003, *Grosphus annulatus* Fage, 1929, *Grosphus bicolor* Lourenço, 2012, *Grosphus bistratus* (Kraepelin, 1900), *Grosphus darainensis* Lourenço, Goodman & Ramilijoana, 2004, *Grosphus eliseanneae* Wilmé & Lourenço, 2016, *Grosphus feti* Lourenço, 1996, *Grosphus flavopiceus* Kraepelin, 1900, *Grosphus ganzhomi* Lourenço, Wilmé & Waeber, 2016, *Grosphus grandidieri* Kraepelin, 1900, *Grosphus intertidialis* Lourenço, 1999, *Grosphus limbatus* (Pocock, 1889), *Grosphus magalieae* Lourenço, 2014, *Grosphus mahafaliensis* Lourenço, Goodman et Ramilijoana, 2004, *Grosphus olgae* Lourenço, 2014, *Grosphus sabiniae* Wilmé & Lourenço, 2016, *Grosphus waeberi* Wilmé & Lourenço, 2016.

Lowe et Kovarik effectuent les synonymies suivantes:

- *Grosphus garciai* Lourenço, 2001 = *Grosphus hirtus* Kraepelin, 1900. Lowe et Kovarik ignorent sans doute que *Grosphus garciai* était devenu une sous-espèce de *Grosphus hirtus* (voir Lourenço, 2009)
- *Grosphus halleuxi*, *Grosphus mandena* Lourenço, 2005, *Grosphus simoni* Lourenço, Goodman & Ramilijoana, 2004 = *Grosphus madagascariensis* (Gervais, 1843).
- *Grosphus makay* Lourenço & Wilmé, 2015 = *Teruelius feti* (Lourenço, 1996).
- *Grosphus rossii* Lourenço, 2013 = *Teruelius mahafaliensis* (Lourenço, Goodman & Ramilijoana, 2004).

Lowe, Kovarik, Stockmann & St'ahlavsky transfèrent *Buthacus buettikeri* Hendrixson, 2006 dans le genre *Trypanothacus*.

Lourenço, 2019e synonymise *Tityus carolineae* Kovarik, Teruel, Cozijn & Seiter, 2013 avec *Tityus metuendus* Pocock, 1897.

Moreno-Gonzalez, Gonzalez & Florez synonymisent *Tityus betschi* Lourenço, 1992 avec *Tityus parvulus* Kraepelin, 1914 et *Tityus wayuu* Rojas-Runjaic & Armas, 2007 avec *Tityus tayrona* Lourenço, 1991.

Lourenço, 2019c, synonymise *Tityus thelyacanthus* Mello Leitao, 1933 avec *Tityus charreyroni* Vellard, 1932.

Touloun met en doute la synonymisation de *Compsobuthus williamsi* Lourenço, 1999 avec *Compsobuthus matthiesseni* (Birula, 1905) par Kovarik en 2018, pour laquelle nous avons déjà émis un doute sur le plan biogéographique. Dans le doute nous considérons que *Compsobuthus williamsi* Lourenço, 1999 est une espèce valide.

Kovarik, 2019b révisé la systématique du genre *Lychas* en créant 3 genres (*Janalychas*, *Afrolychas* et *Spelaeolychas*, Kovarik, 2019) ce qui débouche sur ce nouveau découpage:

- *Lychas braueri* (Kraepelin, 1896) >> *Afrolychas braueri* (Kraepelin, 1896)
- *Lychas burdoi* (Simon, 1882) >> *Afrolychas burdoi* (Simon, 1882)
- *Lychas albimanus* Henderson, 1919 >> *Janalychas albimanus* (Henderson, 1919)
- *Lychas farkasi* Kovarik, 1997 >> *Janalychas farkasi* (Kovarik, 1997)
- *Lychas heurtaultae* Kovarik, 1997 >> *Janalychas heurtaultae* (Kovarik, 1997)
- *Lychas laevifrons* Pocock, 1897 >> *Janalychas laevifrons* (Pocock, 1897)
- *Lychas shoplandi* (Oates, 1888) >> *Janalychas shoplandi* (Oates, 1888)
- *Lychas srilankensis* Lourenço, 1997 >> *Janalychas srilankensis* (Lourenço, 1997)
- *Lychas tricarinatus* (Simon, 1884) >> *Janalychas tricarinatus* (Simon, 1884)
- *Lychas hosei* (Pocock, 1891) >> *Spelaeolychas hosei* (Pocock, 1891)

Kovarik, 2019b, synonymise *Lychas kaimana* Lourenço, 2011 avec *Lychas shelfordi* (Borelli, 1904) et *Lychas timorensis* Lourenço, 2018 avec *Lychas variatus* (Thorell, 1876). Notons que Kovarik ignore l'espèce *Lychas eliseanneae* Lourenço, 2011 qu'il avait synonymisée en 2013 mais qui a été revalidée en 2018 par Lourenço. De plus, il avait mis *Lychas kaimana nomen dubium* en 2013. Décidemment Kovarik a la mémoire courte puisqu'il ne se souvient même plus de ses anciens articles. Manque de rigueur dans tout cela!!

Kovarik, 2019b révisé la systématique de genre *Mesobuthus* en créant le genre *Aegaeobuthus* Kovarik, 2019 et en réhabilitant le genre *Olivierus* Farzanpay, 1987 ce qui débouche sur ce nouveau découpage:

- *Mesobuthus cyprius* Gantenbein & Kropf, 2000 >> *Aegaeobuthus cyprius* (Gantenbein & Kropf, 2000)
- *Mesobuthus gallianoii* Ythier, 2018 >> *Aegaeobuthus gallianoii* (Ythier, 2018)
- *Mesobuthus gibbosus* (Brullé, 1832) >> *Aegaeobuthus gibbosus* (Brullé, 1832)
- *Mesobuthus nigrocinctus* (Ehrenberg, 1828) >> *Aegaeobuthus nigrocinctus* (Ehrenberg, 1828)
- *Mesobuthus bolensis* Sun, Zhu & Lourenço, 2010 >> *Olivierus bolensis* (Sun, Zhu & Lourenço, 2010)
- *Mesobuthus brutus* Fet et al., 2018 >> *Olivierus brutus* (Fet et al., 2018)
- *Mesobuthus caucasicus* (Nordmann, 1840) >> *Olivierus caucasicus* (Nordmann, 1840)
- *Mesobuthus elenae* Fet et al., 2018 >> *Olivierus elenae* (Fet et al., 2018)
- *Mesobuthus extremus* (Werner, 1936) >> *Olivierus extremus* (Werner, 1936)

- *Mesobuthus fuscus* (Birula, 1897) >> *Olivierus fuscus* (Birula, 1897)
- *Mesobuthus gorelovi* Fet et al., 2018 >> *Olivierus gorelovi* (Fet et al., 2018)
- *Mesobuthus intermedius* (Birula, 1897) >> *Olivierus intermedius* (Birula, 1897)
- *Mesobuthus karshius* Sun D. & Sun Z., 2011 >> *Olivierus karshius* (Sun D. & Sun Z., 2011)
- *Mesobuthus kaznakovi* (Birula, 1904) >> *Olivierus kaznakovi* (Birula, 1904)
- *Mesobuthus kreuzbergi* Fet et al., 2018 >> *Olivierus kreuzbergi* (Fet et al., 2018)
- *Mesobuthus longichelus* Sun & Zhu, 2010 >> *Olivierus longichelus* (Sun & Zhu, 2010)
- *Mesobuthus martensii* (Karsch, 1879) >> *Olivierus martensii* (Karsch, 1879)
- *Mesobuthus mischi* Fet et al., 2018 >> *Olivierus mischi* (Fet et al., 2018)
- *Mesobuthus nenilini* Fet et al., 2018 >> *Olivierus nenilini* (Fet et al., 2018)
- *Mesobuthus parthorum* (Pocock, 1889) >> *Olivierus parthorum* (Pocock, 1889)
- *Mesobuthus przewalskii* (Birula, 1897) >> *Olivierus przewalskii* (Birula, 1897)
- Enfin *Mesobuthus martensii hainanensis* (Birula, 1904) est élevée au rang d'espèce comme *Olivierus hainanensis* (Birula, 1904)
- Les sous-espèces suivantes de *Mesobuthus eupeus* sont élevées au rang d'espèces: *Mesobuthus afghanus* (Pocock, 1889), *Mesobuthus bogdoensis* (Birula, 1896), *Mesobuthus haarlovi* Vachon, 1958, *Mesobuthus iranus* (Birula, 1917), *Mesobuthus mongolicus* (Birula, 1911), *Mesobuthus persicus* (Pocock, 1899) et *Mesobuthus thersites* (C.L. Koch, 1839).

Kovarik, Lowe, Elmi & St'ahlavsky synonymisent *Parabuthus terzanii* Rossi, 2016 avec *P. hamar* Kovarik, Lowe, Pliskova & St'ahlavsky, 2016. Cette décision est basée sur une fausse information de Kovarik. La publication de la description de *Parabuthus terzanii* date du 14 juillet 2016 et non pas de 2017 comme l'affirme faussement Kovarik. J'ai moi-même reçu le numéro 9 d'*Arachnida* courant juillet 2016. L'article de Kovarik sur la description de *Parabuthus hamar* date du 23 août 2016, donc postérieur à celui de Rossi. Par conséquent, nous considérons que *Parabuthus hamar* est synonyme de *Parabuthus terzanii*. Rossi (2019b) argumente et confirme cette synonymisation.

De Armas synonymise *Centruroides mahnerti* Lourenço, 1983 avec *Centruroides koesteri* Kraepelin, 1911 confirmant ainsi la mise en synonymie effectuée par De Armas & Maes en 2001.

Rossi (2019a) synonymise *Barbaracurus yemenensis* Kovarik, Lowe et St'ahlavsky, 2018 avec *Barbaracurus borellii* (Rossi, 2018).

CHACTIDAE

1 nouvelle espèce.

- *Megachactops kurripako* Ythier, 2019c (Colombie)

CHAERILIDAE.

3 nouvelles espèces.

- *Chaerilus agnellivanniorum* Lourenço & Rossi, 2019a (Philippines)
- *Chaerilus alberti* Kovarik, 2019a (Malaisie)
- *Chaerilus honba* Lourenço, 2019a (Vietnam)

EUSCORPIIDAE.

2 nouveaux genres et 8 nouvelles espèces.

- *Alpiscorpius* Gantenbein et al., 1999

- *Tetratrachobothriurus* Birula, 1917

- *Alpiscorpius delta* Kovarik et al., 2019 (Italie)
- *Alpiscorpius kappa* Koavrik et al., 2019 (Slovénie)
- *Alpiscorpius lambda* Kovarik et al., 2019 (Slovénie, ?Italie)
- *Alpiscorpius omega* Kovarik et al., 2019 (Slovénie)
- *Alpiscorpius omikron* Kovarik et al., 2019 (Slovénie)
- *Alpiscorpius sigma* Kovarik et al., 2019 (Italie, Slovénie)
- *Alpiscorpius ypsilon* Kovarik et al., 2019 (Autriche, Slovénie)
- *Megacormus franckei* Kovarik, 2019d (Mexique)

Modifications systématiques.

Kovarik, Stundlova, Fet et St'ahlavsky effectuent de nombreuses modifications dans le genre *Euscorpius* lato sensu.

- *Euscorpius* (*Alpiscorpius*) Gantenbein et al., 1999 est élevé au rang générique, *Alpiscorpius* Gantenbein et al., 1999 avec *Scorpius germanus* C.L. Koch comme espèce type.

- *Euscorpius* (*Tetratrachobothriurus*) Birula, 1917 est élevé au rang générique, *Tetratrachobothriurus* Birula, 1917 avec *Tetratrachobothriurus flavicaudis* (De Geer, 1778) comme espèce type.

Les combinaisons suivantes découlent de cette modification:

- *Alpiscorpius alpha* (Caporiacco, 1950) (Italie, Suisse)
- *Alpiscorpius beta* (Caporiacco, 1950) (Italie, Suisse) [cette espèce était synonyme d'*Euscorpius alpha* et a donc été revalidée au rang spécifique]
- *Alpiscorpius germanus* (C.L. Koch, 1837) (Italie, Autriche, Suisse)
- *Alpiscorpius beroni* (Fet, 2000) (Albanie)
- *Alpiscorpius gamma* (Caporiacco, 1950) (Slovénie, ?Italie, ?Croatie)
- *Alpiscorpius mingrelicus* (Kessler, 1874) (Géorgie, Russie, Turquie)
- *Alpiscorpius phrygius* (Bonacina, 1980) (Turquie)
- *Alpiscorpius uludagensis* (Lacroix, 1995) (Turquie)

Les auteurs précisent que les espèces des groupes *gamma* et *mingrelicus* des Balkans (Bosnie-Herzégovine, Bulgarie, Croatie, Kosovo, Monténégro, Macédoine du Nord et Serbie) sont actuellement non encore révisées et donc non affectées.

Euscorpius germanus mesotrichus Hadzi, 1929 n'est actuellement associée à aucune espèce de valide.

Enfin, *Euscorpius marcuzzii* Valle et al., 1971 est synonymisée avec *Alpiscorpius germanus*.

DIPLOCENTRIDAE.

3 nouvelles espèces.

- *Oiclus ardens* Ythier, 2019b (Guadeloupe)
- *Oiclus cousteaui* Ythier, 2019b (Guadeloupe)
- *Oiclus tipunch* Ythier, 2019b (Guadeloupe)

?HADRURIDAE/HADRURINAE

Dans un article sur les toxines, Santibanez-Lopez, Graham, Sharma, Ortiz et Possani citent indifféremment la famille des Hadruridae et la sous-famille des Hadrurinae sans justifier cette double utilisation. Tous les auteurs ne sont pas d'accord sur la situation des genres *Hadrurus* et *Hoffmannihadrurus*. Certains considèrent qu'ils font partie de la sous-famille des Hadrurinae elle-

même de la famille des Caraboctonidae, d'autres qu'ils font partie de la sous-famille des Hadrurinae elle-même de la famille des Iuridae. Le doute subsiste! Affaire à suivre.

HEMISCORPIIDAE.

1 nouvelle espèce.

- *Hemiscorpius omo* Lourenço & Rossi, 2019b (Ethiopie)

HORMURIDAE

1 nouvelle espèce.

- *Opisthacanthus (Monodopisthacanthus) faillei* Lourenço & Wilmé, 2019 (Madagascar)

MICROCHARMIDAE

3 nouvelles espèces.

Lourenço, Waeber & Wilmé revalident la famille des Microcharmidae (Buthoidea).

- *Microcharmus andrei* Lourenço, Waeber & Wilmé, 2019 (Madagascar)
- *Microcharmus antongil* Lourenço, Waeber & Wilmé, 2019 (Madagascar)
- *Microcharmus djangoa* Lourenço, Waeber & Wilmé, 2019 (Madagascar)

SCORPIONIDAE.

2 nouvelles espèces.

- *Heterometrus yaleensis* Kovarik, Ranawana, Sanjeeva Jayarathne, Hoferek & St'ahlavsky, 2019 (Sri Lanka)
- *Pandinurus fulvipes* Kovarik, Lowe & Mazuch, 2019 (Somaliland)

SCORPIOPIIDAE

2 nouvelles espèces.

- *Euscorpiops chiangmai* Lourenço, 2019b (Thaïlande)
- *Euscorpiops zhangshuyuani* Ythier, 2019a (Chine)

VAEJOVIDAE.

8 nouvelles espèces.

- *Catalinia ayreyi* Teruel & Myers, 2019 (USA)
- *Kochius colluvius* Ayarey, Jones & Myers, 2019 (USA)
- *Vaejovis ceboruco* Contreras-Felix & Francke, 2019 (Mexique)
- *Vaejovis nanchititla* Contreras-Felix & Francke, 2019 (Mexique)
- *Vaejovis santibagnezi* Contreras-Felix & Francke, 2019 (Mexique)
- *Vaejovis stetsoni* Ayrey & Myers, 2019 (USA)
- *Vaejovis talpa* Contreras-Felix & Francke, 2019 (Mexique)
- *Vaejovis talpalpa* Contreras-Felix & Francke, 2019 (Mexique)

Santibanez-Lopez et al. (2019a) révisent une partie de la classification comme suit:

- Création de la super-famille des Superstitionoidea Stahnke, 1940 comprenant la famille des Superstitionidae Stahnke, 1940.
- Revalidation de la super-famille des Vaejovoidea Thorell, 1876.

- Les familles suivantes sont traitées comme *Incertae sedis*: Caraboctonidae Karepelin 1905, ?Heteroscorpionidae Kraepelin 1905, Troglotayoscidae Lourenço 1998, ?Typhlochactidae Mitchell 1971 et la sous-famille des Uroctoninae Mello-Leitao 1934.

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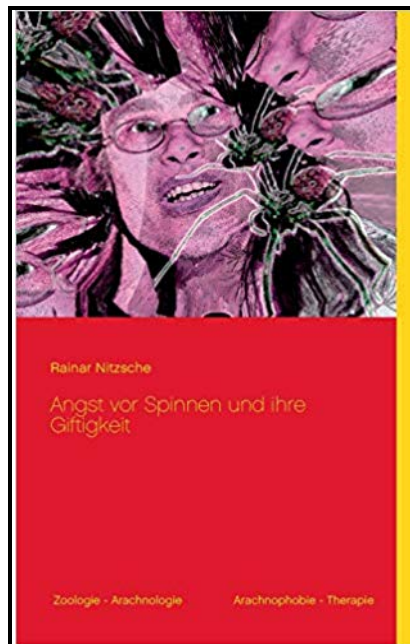
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DOSSIER THERAPHOSIDAE

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