

## Taxonomical updates in The Scorpion Files for Buthidae (2008 →)

Taxa	Status	Distribution	Comments	Reference
<i>Aegaeobuthus</i> Kovarik, 2019	New gen.	janalychas	A new genus with species previously included in <i>Mesobuthus</i> Vachon, 1950	Kovarik F. Taxonomic reassessment of the genera Lychas, Mesobuthus, and Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.
<i>Aegaeobuthus cyprius</i> (Gantenbein & Kropf, 2000) <i>Aegaeobuthus gallianoii</i> (Ythier, 2018) <i>Aegaeobuthus gibbosus</i> (Brulli, 1832) <i>Aegaeobuthus nigrocinctus</i> (Ehrenberg, 1828)	New comb.		All species previously included in <i>Mesobuthus</i> Vachon, 1950.	Kovarik F. Taxonomic reassessment of the genera Lychas, Mesobuthus, and Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.
<i>Afghanobuthus</i> Lourenco, 2005	Synonymization		Synonymized with <i>Mesobuthus</i> Vachon, 1950	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Afghanobuthus naumanni</i> Lourenco, 2005	Synonymization		Synonymized with <i>Mesobuthus parthorum</i> (Pocock, 1889).	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions

				of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Afrolychas</i> Kovarik, 2019	New gen.		A new genus with species previously included in <i>Lychas</i> C.L. Koch, 1845.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Afrolychas braueri</i> (Kraepelin, 1986) <i>Afrolychas burdoi</i> (Simon, 1882)	New comb.		All species previously included in <i>Lychas</i> C.L. Koch, 1845.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Akentrobuthus atakora</i> Vignoli & Prendini, 2008	New sp.	Benin		Vignoli, V. and Prendini, L. (2008). A new species of <i>Akentrobuthus</i> Lamoral, 1976 (Scorpiones: Buthidae) from the Republic of Benin (Western Africa). <i>Journal of Afrotropical Zoology</i> 4, 61-70.
<i>Ananteris</i> Thorell, 1891	New status		Moved to family Ananteridae Pocock, 1900	Ythier E. A new high-altitude scorpion species of the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones: Ananteridae) from the Pico da Neblina, Brazil. <i>Faunitaxys</i> . 2024;12(19):1-9.
<i>Ananteroides Borelli</i> , 1911	New status		Moved to family Ananteridae Pocock, 1900	Ythier E. A new high-altitude scorpion species of the genus

				Ananteris Thorell, 1891 (Scorpiones: Ananteridae) from the Pico da Neblina, Brazil. Faunitaxys. 2024;12(19):1-9.
<i>Androctonus aeneas</i> C. L. Koch, 1839	New status		Restored from synonymy.	Lourenco WR, Rossi A, Sadine SE. New data on the genus <i>Androctonus</i> Ehrenberg, 1828 (Scorpiones, Buthidae), with the description of a new species from Ethiopia. Aracnida - Rivista Arachnologica Italiana. 2015;1(5):11-9.
<i>Androctonus agrab</i> Ythier & Lourenco, 2022	New sp.	Western Sahara		Ythier E, Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Western Sahara (Scorpiones: Buthidae). Serket. 2022;18(3):239-51.
<i>Androctonus ater</i> Lourenco, 2019	New sp.	Chad		Lourenco WR. Nouvelles considérations sur les <i>Leirus</i> Ehrenberg, 1828 collectés dans la région du Tibesti, Tchad et description d'une nouvelle espèce (Scorpiones : Buthidae). Revista Iberica de Arachnologia. 2019(34):133-7.
<i>Androctonus barbouri</i> (Werner, 1932)	New comb.		Previously <i>Buthus barbouri</i> Werner, 1932.	Sousa P, Arnedo MA, Harris DJ. Updated catalogue and taxonomic notes on the Old-World scorpion genus <i>Buthus</i> Leach, 1815 (Scorpiones, Buthidae). ZooKeys. 2017(686):15-84.

<i>Androctonus bartolozzi</i> Rossi & Merendino, 2016	New sp.	Pakistan		Rossi A, Merendino MC. An additional species of medical importance of the genus <i>Androctonus</i> Ehrenberg, 1828 from Pakistan (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2016;2(9):19-26.
<i>Androctonus bourdoni</i> Vachon, 2048	New status	Morocco	Restored from subspecies status.	Ythier E, Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Western Sahara (Scorpiones: Buthidae). <i>Serket</i> . 2022;18(3):239-51.
<i>Androctonus burkinensis</i> Ythier, 2021	New sp.	Burkina Faso		Ythier E. A new species of <i>Androctonus</i> Ehrenberg, 1828 from the Sahelian wooded steppes of Burkina Faso (Scorpiones: Buthidae). <i>Faunitaxys</i> . 2021;9(31):1-7.
<i>Androctonus cacahuati</i> Lourenco, 2023	New sp.	Cameroon		Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from the Northern savannas of Cameroon (Scorpiones: Buthidae). <i>Serket</i> . 2023;19(2):111-20.
<i>Androctonus cholistanus</i> Kovarik & Ahmed, 2013	New sp.	India, Pakistan		Kovarik F, Ahmed Z. A Review of <i>Androctonus finitimus</i> (Pocock, 1897), with Description of Two New Species from Pakistan and India (Scorpiones, Buthidae). <i>Euscorpius</i> . 2013(168):1-10.

<i>Androctonus donarei</i> Rossi, 2015	New sp.	Morocco		Rossi A. Tre nuove specie di importanza medica del genere <i>Androctonus</i> Ehrenberg, 1828 (Scorpiones: Buthidae). <i>Aracnida - Rivista Arachnologica Italiana</i> . 2015;5(Supplemento):2-20.
<i>Androctonus eburneus</i> (Pallary, 1928)	New status		The species <i>Androctonus eburneus</i> (= <i>Prionurus eburneus</i> Pallary, 1928), previously synonymised to <i>Androctonus amoreuxi</i> (Audouin, 1826), is revalidated.	Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Togo (Scorpiones, Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 2008 Oct 1;15 (179):37-44.
<i>Androctonus kunti</i> Yagmur, 2023	New sp.	Turkey		Yagmur EA. <i>Androctonus kunti</i> sp. n. from Iğdır Province, Turkey (Scorpiones: Buthidae). <i>Euscorpius</i> . 2023(371):1-23.
<i>Androctonus maroccanus</i> Lourenco, Ythier & Leguin, 2009	New sp.	Morocco		Lourenco WR, Ythier E, Leguin E-A. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Morocco (Scorpiones: Buthidae). <i>Euscorpius</i> . 2009(89):1-8.
<i>Androctonus pallidus</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). <i>Arthropoda Selecta</i> . 2012;21(4):307-38.

<i>Androctonus robustus</i> Kovarik & Ahmed, 2013	New sp.	Pakistan		Kovarik F, Ahmed Z. A Review of <i>Androctonus finitimus</i> (Pocock, 1897), with Description of Two New Species from Pakistan and India (Scorpiones, Buthidae). <i>Euscorpius</i> . 2013(168):1-10.
<i>Androctonus santi</i> Lourenco, 2015	New sp.	Niger		Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from the Air Massif in Niger (Scorpiones: Buthidae). <i>Serket</i> . 2015;14(4):167-75.
<i>Androctonus simonettai</i> Rossi, 2015	New sp.	Ethiopia		Rossi A. Tre nuove specie di importanza medica del genere <i>Androctonus</i> Ehrenberg, 1828 (Scorpiones: Buthidae). <i>Aracnida - Rivista Arachnologica Italiana</i> . 2015;5(Supplemento):2-20.
<i>Androctonus sistanus</i> Barahoei & Mirshamsi, 2022	New sp.	Iran		Barahoei H, Mirshamsi O, Sanchouli N, Moghaddam MG, Lehmann-Graber C, Monod L. Review of <i>Androctonus baluchicus</i> (Pocock, 1900) with description of new species from Iran (Scorpiones: Buthidae). <i>Arthropoda Selecta</i> . 2022;31(2):197-212.
<i>Androctonus sumericus</i> Al-Khazali & Yagmur, 2023	New sp.	Iraq		Al-Khazali AM, Yagmur EA. <i>Androctonus sumericus</i> sp. nov., a new scorpion from Dhi Qar Province, Iraq (Scorpiones:

				Buthidae). Zoology in the Middle East. 2023;Published Online 17.11.23.
<i>Androctonus tenuissimus</i> Teruel, Kovarik & Turiel	New sp.	Egypt		Teruel R, Kovarik F, Turiel C. A new species of <i>Androctonus</i> Ehrenberg, 1828 from northwestern Egypt (Scorpiones: Buthidae). <i>Euscorpius</i> . 2013 (177):1-11.
<i>Androctonus tibesti</i> Lourenco & El-Hennawy, 2022	New sp.	Libya		Lourenco WR, El-Hennawy HK. A new species of <i>Androctonus</i> Ehrenberg, 1828 from the North East portion of the Tibesti Massif in Libya (Scorpiones: Buthidae). <i>Serket</i> . 2022;18(4):428-40.
<i>Androctonus tigrari</i> Lourenco, Rossi & Sadine, 2015	New sp.	Ethiopia		Lourenco WR, Rossi A, Sadine SE. New data on the genus <i>Androctonus</i> Ehrenberg, 1828 (Scorpiones, Buthidae), with the description of a new species from Ethiopia. <i>Aracnida - Rivista Arachnologica Italiana</i> . 2015;1(5):11-9.
<i>Androctonus tihamicus</i> Alqahtani, Yagmur & Badry, 2023	New sp.	Saudi Arabia		Alqahtani AR, Yagmur EA, Badry A. <i>Androctonus tihamicus</i> sp. nov. from the Mecca Province, Saudi Arabia (Scorpiones, Buthidae). <i>ZooKeys</i> . 2023(1152):9-34.
<i>Androctonus togolensis</i> (Pallery, 1928)	New sp.	Togo		Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828

				from Togo (Scorpiones, Buthidae). Entomol Mitt Zool Mus Hamburg. 2008 Oct 1;15 (179):37-44.
<i>Androctonus tropeai</i> Rossi, 2015	New sp.	Pakistan		Rossi A. Tre nuove specie di importanza medica del genere <i>Androctonus</i> Ehrenberg, 1828 (Scorpiones: Buthidae). Aracnida - Rivista Arachnologica Italiana. 2015;5(Supplemento):2-20.
<i>Androctonus turieli</i> Teruel & Kovarik, 2014	Synonymization		Synonymized with <i>A. aeneas</i> C. L. Koch, 1839.	Teruel R, Kovarik F. Redescription of <i>Androctonus bicolor</i> Ehrenberg, 1828, and Description of <i>Androctonus turieli</i> sp. n. from Tunisia (Scorpiones: Buthidae). Euscorpius. 2014 (186):1-15.
	New sp.	Tunisia		Lourenco WR, Rossi A, Sadine SE. New data on the genus <i>Androctonus</i> Ehrenberg, 1828 (Scorpiones, Buthidae), with the description of a new species from Ethiopia. Aracnida - Rivista Arachnologica Italiana. 2015;1(5):11-9.
<i>Androctonus turkiyensis</i> Yagmur, 2021	New sp.	Turkey		Yagmur EA. <i>Androctonus turkiyensis</i> sp. n. from the Şanlıurfa Province, Turkey (Scorpiones: Buthidae). Euscorpius. 2021(341):1-18.



<i>Anomalobuthus talebii</i> Teruel, Kovarik, Navidpour & Fet, 2014	New sp.	Eastern Iran		Teruel R, Kovarik F, Navidpour S, Fet V. The First Record of the Genus <i>Anomalobuthus</i> Kraepelin, 1900 from Iran, with Description of a New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2014 (192):1-10.
<i>Anomalobuthus krivochatskyi</i> Teruel, Kovarik & Fet, 2018	New sp.	Central Uzbekistan and extreme southern Kazakhstan		Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Anomalobuthus lowei</i> Teruel, Kovarik & Fet, 2018	New sp.	Southeastern Kazakhstan),		Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Anomalobuthus pavlovskyi</i> , Teruel, Kovarik & Fet, 2018	New sp.	South-central Kazakhstan and extreme northern Turkmenistan).		Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Anomalobuthus zarudnyi</i>	New comb.	South-central	Previous name <i>Psammobuthus</i>	Teruel R, Kovarik F, Fet V.

(Birula, 1911)		Kazakhstan and extreme northern Turkmenistan).	<i>zarudnyi</i> Birula, 1911.	Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Babycurus bringnolii</i> Lourenco & Rossi, 2017	Nomen dubia  New sp.	Central African Republic		Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.  Lourenco WR, Rossi A. A new species of <i>Babycurus</i> Karsch, 1886 from dry Savannahs in Central African Republic (Scorpiones: Buthidae). <i>Onychium</i> . 2017;13:3-8.
<i>Babycurus dunlopi</i> Kovarik, Lowe, Seiter, Pliskova & Stahlavsky, 2015	New sp.	Ethiopia		Kovarik F, Lowe G, Seiter M, Pliskova J, Stahlavsky F. Scorpions of Ethiopia (Arachnida: Scorpiones). Part II. Genus <i>Babycurus</i> Karsch, 1886 (Buthidae), with description of two new species. <i>Euscorpius</i> . 2015 (196):1-31.
<i>Babycurus ornatus</i> Werner,	Synonymization		Synonymized with <i>Lychas burdoi</i>	Kovarik F, Lowe G, Stahlavsky

1936			(Simon, 1882).	F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Babycurus taramassoi</i> Borelli, 1919	New status	Ethiopia	Raised from subspecies status. Previous name <i>B. wituensis taramassoi</i> Borelli, 1919	Kovarik F, Lowe G, Seiter M, Pliskova J, Stahlavsky F. Scorpions of Ethiopia (Arachnida: Scorpiones). Part II. Genus <i>Babycurus</i> Karsch, 1886 (Buthidae), with description of two new species. <i>Euscorpius</i> . 2015 (196):1-31.
<i>Barbaracurus</i> Kovarik, Lowe & Stahlavsky, 2018	New genus	Arabian peninsula, Horn of Africa, Nigeria, Cameroon	Contains many species previously included in <i>Babycurus</i> Karsch, 1886.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Barbaracurus feti</i> Kovarik, Lowe, Stahlavsky & Hurre, 2019	New sp.	Somaliland		Kovarik F, Lowe G, Stahlavsky F, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XX. <i>Barbaracurus feti</i> sp. n. from Somaliland (Buthidae). <i>Euscorpius</i> . 2019(280):1-11.

<i>Barbaracurus exquisitus</i> (Lowe, 2000)	New comb.		Previsously <i>Babycurus exquisitus</i> (Lowe, 2000)	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Barbaracurus hofereki</i> Kovarik, 2024	New sp.	Djibouti		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XXXII. <i>Barbaracurus hofereki</i> sp. n. from Djibouti. <i>Euscorpius</i> . 2024(387):1-12.
<i>Barbaracurus kabateki</i> Kovarik, Lowe, Stahlavsky & Just, 2022	New sp.	Saudi Arabia		Kovarik F, Lowe G, Stahlavsky F, Just P. The genus <i>Barbaracurus</i> in Saudi Arabia (Scorpiones: Buthidae), with description of a new species. <i>Euscorpius</i> . 2022(365):1-26.
<i>Barbaracurus prudenti</i> (Lourenco, 2013)	New comb.		Previsously <i>Babycurus prudenti</i> Lourenco, 2013.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
	New sp.	Cameroon		Lourenco W. A new species of

				Babycurus Karsch, 1886 from northern Cameroon (Scorpiones: Buthidae). Arthropoda Selecta. 2013;22(4):343-8.
<i>Barbaracurus sofomarensis</i> (Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015)	New comb.		Previously <i>Babycurus sofomarensis</i> Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus Babycurus Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of Barbaracurus gen. n. and two new species from Oman and Yemen. Euscorpius. 2018(267):1-41.
	New sp.	Ethiopia		Kovarik F, Lowe G, Seiter M, Pliskova J, Stahlavsky F. Scorpions of Ethiopia (Arachnida: Scorpiones). Part II. Genus Babycurus Karsch, 1886 (Buthidae), with description of two new species. Euscorpius. 2015 (196):1-31.
<i>Barbaracurus somalicus</i> (Hirst, 1907)	New comb.		Previsously <i>Babycurus somalicus</i> (Hirst, 1907).	Kovarik F, Lowe G, Stahlavsky F. Review of the genus Babycurus Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of Barbaracurus gen. n. and two new species from Oman and Yemen. Euscorpius. 2018(267):1-41.
<i>Barbaracurus subpunctatus</i>	New comb.		Previsouly <i>Babycurus subpunctatus</i>	Kovarik F, Lowe G, Stahlavsky

(Borelli, 1925)			Borelli, 1925.	F. Review of the genus Babycurus Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of Barbaracurus gen. n. and two new species from Oman and Yemen. Euscorpius. 2018(267):1-41.
<i>Barbaracurus ugartei</i> (Kovarik, 2000)	New comb.		Previously <i>Babycuruss ugartei</i> Kovarik, 2000.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus Babycurus Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of Barbaracurus gen. n. and two new species from Oman and Yemen. Euscorpius. 2018(267):1-41.
<i>Barbaracurus winklerorum</i> Kovarik, Lowe &Stahlavsky, 2018	New sp.	Oman		Kovarik F, Lowe G, Stahlavsky F. Review of the genus Babycurus Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of Barbaracurus gen. n. and two new species from Oman and Yemen. Euscorpius. 2018(267):1-41.
<i>Barbaracurus yemenensis</i> Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015	New sp.	Yemen		Kovarik F, Lowe G, Stahlavsky F. Review of the genus Babycurus Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of Barbaracurus gen. n. and two

				new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Barbaracurus zambonellii</i> (Borelli, 1902)	New comb.		Previously <i>Babycurus zambonellii</i> Borelli, 1902.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Birulatus jordanensis</i> Lourenço, Al-Saraireh, Afifeh, Baker, Bader-Katbeh & Amr, 2021	New sp.	Jordan		Lourenco WR, Al-Saraireh M, Afifeh BA, Baker MA, Bader-Katbeh A, Amr Z. New insights on the taxonomy of the genus <i>Birulatus</i> Vachon, 1974, and description of a new remarkable species from Jordan (Scorpiones, Buthidae). <i>Bulletin de la Société Entomologique de France</i> . 2021;126(1):123-32.
<i>Buthacus agarwali</i> Zambre & Lourenco, 2010	New sp.	India	First record of <i>Buthacus</i> in India.	Zambre AM, Lourenco WR. A new species of <i>Buthacus</i> Birula, 1908 (Scorpiones, Buthidae) from India. <i>Boletin de la SEA</i> . 2010 (46):115-9.
<i>Buthacus ahaggar</i> Lourenco, Kourim & Sadine, 2017	New sp.	Algeria		Lourenco WR, Kourim ML, Sadine SE. Scorpions from the region of Tamanrasset, Algeria. Part I. A new species of <i>Buthacus</i> Birula, 1908

				(Scorpiones: Buthidae). Arachnida - Rivista Aracnologica Italiana. 2017;3(8):31-41.
<i>Buthacus algerianus</i> Lourenco, 2006.	New status		Raised from synonymy with <i>Buthacus zigleri</i> Lourenco, 2000:	Lourenço W. Further amendments to the taxonomy of the genus <i>Buthacus</i> Birula, 1908 (Scorpiones: Buthidae). Arachnida–Rivista Aracnologica Italiana. 2017;12:31-9.
<i>Buthacus amitaii</i> Cain, Gefen & Prendini, 2021	New sp.	Israel		Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus</i> <i>arenicola</i> (Simon, 1885) from Algeria and Tunisia. Bulletin of The American Museum of Natural History. 2021(450):1- 134.
<i>Buthacus arava</i> Cain, Gefen & Prendini, 2021	New sp.	Israel and Jordan		Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus</i> <i>arenicola</i> (Simon, 1885) from Algeria and Tunisia. Bulletin of The American Museum of Natural History. 2021(450):1- 134.



<p><i>Buthacus armasi</i> Lourenco, 2013</p>	<p>New status</p> <p>Synonymized</p> <p>New sp.</p>	<p>Algeria</p>	<p>Restored to species status.</p> <p>Synonymized with <i>Buthacus leptochelys</i> (Ehrenberg, 1829).</p>	<p>Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (<i>Buthidae</i> C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus arenicola</i> (Simon, 1885) from Algeria and Tunisia. <i>Bulletin of The American Museum of Natural History</i>. 2021(450):1-134.</p> <p>Kovarik F. Notes on the Genera <i>Buthacus</i>, <i>Compsobuthus</i>, and <i>Lanzatus</i> with Several Synonymies and Corrections of Published Characters (<i>Scorpiones: Buthidae</i>). <i>Euscorpius</i>. 2018(269):1-12.</p> <p>Lourenco WR. The <i>Buthacus</i> Birula, 1908 populations from Tassili n'Ajjer, Algeria (<i>Scorpiones, Buthidae</i>) and description of a new species. <i>Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg</i>. 2013;16(190):89-99.</p>
<p><i>Buthacus bicolor</i> Afifeh, Al-Sarairoh, Baker, Amr &amp; Lourenço, 2022</p>	<p>New sp.</p>	<p>Jordan</p>		<p>Afifeh BA, Al-Sarairoh M, Baker MA, Amr Z, Lourenco WR. The genus <i>Buthacus</i> Birula, 1908 in Jordan: description of a</p>

				new species and comments on possible micro-endemic populations (Scorpiones: Buthidae). <i>Arthropoda Selecta</i> . 2022;31(1):51-62.
<i>Buthacus deserticus</i> Sadine, Souilem, Lourenço & Ythier, 2024	New sp.	Algeria		Sadine SE, Souilem Z, Chedad A, Bahri C, Zebsa R, Houhamdi M, et al. A new species of <i>Buthacus</i> Birula, 1908 from the Algerian Saharan Desert (Scorpiones: Buthidae). <i>Faunitaxys</i> . 2024;12(9):1-9.
<i>Buthacus elmenia</i> Lourenco & Sadine, 2017	New sp.	Algeria		Lourenco WR, Sadine SE, Bissati S, Houtia A. The genus <i>Buthacus</i> Birula, 1908 in Northern and Central Algeria; description of a new species and comments on possible microendemic populations (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017;3(XII):18-30.
<i>Buthacus fuscata</i> Pallary, 1929	New status	Algeria	Revalidated species.	Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus arenicola</i> (Simon, 1885) from Algeria and Tunisia. <i>Bulletin of The American Museum of</i>

				Natural History. 2021(450):1-134.
<i>Buthacus golovatchi</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). Arthropoda Selecta. 2012;21(4):307-38.
<i>Buthacus huberi</i> Lourenço, 2001	Synonymization		Synonymized with <i>Buthacus occidentalis</i> Vachon, 1953.	Kovarik F, Lowe G, Stahlavsky F. Review of Northwestern African Buthacus, with Description of Buthacus stockmanni sp. n. from Morocco and Western Sahara (Scorpiones, Buthidae). Euscorpius. 2016(236):1-18.
<i>Buthacus levyi</i> Cain, Gefen & Prendini, 2021	New sp.	Egypt, Israel and Libya (?)		Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus Buthacus Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of Buthacus arenicola (Simon, 1885) from Algeria and Tunisia. Bulletin of The American Museum of Natural History. 2021(450):1-134.
<i>Buthacus macrocentrus</i> (Ehrenberg, 1828)	Synonymization		Synonymized with <i>Buthacus leptochelys</i> (Ehrenberg, 1829)	Cain S, Gefen E, Prendini L. Systematic Revision of the Sand

				Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus arenicola</i> (Simon, 1885) from Algeria and Tunisia. <i>Bulletin of The American Museum of Natural History</i> . 2021(450):1-134.
<i>Buthacus mahraouii</i> Lourenço, 2004	New status  Synonymization		Restored from synonymy.  Synonymized with <i>Buthacus zieglerei</i> Lourenco, 2000.	Lourenço W. Further amendments to the taxonomy of the genus <i>Buthacus</i> Birula, 1908 (Scorpiones: Buthidae). <i>Arachnida–Rivista Aracnologica Italiana</i> . 2017;12:31-9.  Kovarik F, Lowe G, Stahlavsky F. Review of Northwestern African <i>Buthacus</i> , with Description of <i>Buthacus stockmanni</i> sp. n. from Morocco and Western Sahara (Scorpiones, Buthidae). <i>Euscorpius</i> . 2016(236):1-18.
<i>Buthacus maliensis</i> Lourenço & Qi, 2007	Synonymization		Synonymized with <i>Androctonus aleksandrplotkini</i> Lourenço & Qi, 2007.	Kovarik F. Notes on the Genera <i>Buthacus</i> , <i>Compsobuthus</i> , and <i>Lanzatus</i> with Several Synonymies and Corrections of Published Characters (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(269):1-12.
<i>Buthacus maroccanus</i>	New status		Considered senior synonym of <i>B.</i>	Lourenço W. Further

Lourenco, 2006			<i>stockmanni</i> Kovařík, Lowe <i>et</i> Št'ahlavsky, 2016	amendments to the taxonomy of the genus <i>Buthacus</i> Birula, 1908 (Scorpiones: Buthidae). <i>Arachnida–Rivista Aracnologica Italiana</i> . 2017;12:31-9.
<i>Buthacus nigroaculeatus</i> Levy et al., 1973	New status	Bahrain	Was elevated to species status in 2004, but was missed by me. Previous status: <i>Buthacus yotvatensis nigroaculeatus</i> Levy et al., 1973	Lourenco WR. Description of a new species of <i>Buthacus</i> Birula, 1908 (Scorpiones, Buthidae) from Afghanistan. <i>Entomol Mitt Zool Mus Hamburg</i> . 2004 15;14(170):205-10.
<i>Buthacus nitzani</i> Levy et al., 1973	New status	Israel and Egypt	Restored from subspecies status. Previously <i>B. leptochelys nitzani</i> Levy et al, 1973.	Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus arenicola</i> (Simon, 1885) from Algeria and Tunisia. <i>Bulletin of The American Museum of Natural History</i> . 2021(450):1-134.
<i>Buthacus sadinei</i> Ythier, 2022	New sp.	Algeria		Ythier E. A new species of <i>Buthacus</i> Birula, 1908 from Western Algeria (Scorpiones: Buthidae). <i>Faunitaxys</i> . 2022;10(28):1-6.
<i>Buthacus samiae</i> Lourenco & Sadine, 2015	New sp.	Algeria		Lourenco WR, Sadine SE. A new species of <i>Buthacus</i> Birula, 1908 from the region of Ghardaïa, Algeria (Scorpiones, Buthidae). <i>Revista Iberica de</i>

				Arachnologia. 2015 (27):55-9.
<i>Buthacus spatzi</i> (Birula, 1911)	New status	Tunisa and Libya	Revalidated species.	Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus arenicola</i> (Simon, 1885) from Algeria and Tunisia. Bulletin of The American Museum of Natural History. 2021(450):1-134.
<i>Buthacus spinatus</i> Lourenco, Bissati & Sadine, 2016	New sp.	Algeria		Lourenco WR, Bissat S, Sadine SE. One more new species of <i>Buthacus</i> Birula, 1908 from the region of Ghardaïa, Algeria (Scorpiones: Buthidae). Aracnida - Rivista Arachnologica Italiana. 2016;2(8):2-11.
<i>Buthacus stockmanni</i> Kovarik, Lowe & Stahlavsky, 2016	New sp.	Morocco, Western Sahara		Kovarik F, Lowe G, Stahlavsky F. Review of Northwestern African <i>Buthacus</i> , with Description of <i>Buthacus stockmanni</i> sp. n. from Morocco and Western Sahara (Scorpiones, Buthidae). Euscorpius. 2016(236):1-18.
<i>Buthacus williamsi</i> Lourenco & Leguin, 2009	New sp.	United Arab Emirates		Lourenco WR, Leguin E-A. A new species of the genus <i>Buthacus</i> Birula, 1908 from the United Arab Emirates

				(Scorpiones: Buthidae). Zoology in the Middle East. 2009;46:103-11.
<i>Buthacus yotvatensis</i> Levy et al., 1973	New status	Israel and Jordan	Revalidated species.	Cain S, Gefen E, Prendini L. Systematic Revision of the Sand Scorpions, Genus <i>Buthacus</i> Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of <i>Buthacus arenicola</i> (Simon, 1885) from Algeria and Tunisia. Bulletin of The American Museum of Natural History. 2021(450):1-134.
<i>Butheoleus ferrugineus</i> Kraepelin, 1898	New combination	Djibouti, Ethiopia, Somaliland, Somalia	New status <i>Neobuthus ferrugineus</i> (Kraepelin, 1898)	Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i> Pocock and <i>Neobuthus</i> Hirst (Scorpions, Buthidae) with the description of a new species of <i>Neobuthus</i> from Ethiopia. Ecology of Desert Environments. 2001:171-83.
<i>Butheoloides granulatus</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). Arthropoda Selecta. 2012;21(4):307-38.

<i>Butheoloides grosser</i> Kovarik, 2016	New sp.	Uganda		Kovarik F. <i>Butheoloides grosseri</i> sp. n. (Scorpiones: Buthidae) from Uganda. <i>Euscorpius</i> . 2016(230):1-6.
<i>Butheoloides littoralis</i> Lourenco, Touloun & Boumezzough, 2011	New sp.	Morocco		Lourenco WR, Touloun O, Boumezzough A. The genus <i>Butheoloides</i> Hirst, 1925 (Scorpiones, Buthidae) in Morocco, with a description of a new species. <i>Euscorpius</i> . 2011(113):1-7.
<i>Butheoloides nuer</i> Kovarik, 2015	New sp.	Ethiopia		Kovarik F. Scorpions of Ethiopia (Arachnida: Scorpiones). Part I. Genus <i>Butheoloides</i> Hirst, 1925 (Buthidae), with description of a new species. <i>Euscorpius</i> . 2015 (195):1-10.
<i>Butheoloides savanicola</i> Lourenco, 2013	New sp.	Cameroon		Lourenço WR. The remarkable peri-Saharan distribution of the genus <i>Butheoloides</i> Hirst (Scorpiones, Buthidae), with the description of a new species from Cameroon. <i>Comptes Rendus - Biologies</i> . 2013;In Press.
<i>Butheoloides vanderberghi</i> Lourenco, 2015	New sp.	Chad		Lourenco WR. Deux nouvelles espèces de scorpions de la famille des Buthidae C. L. Koch, 1837 collectées dans le Parc National de Zakouma au Tchad. <i>Revista Iberica de Arachnologia</i> . 2015 (26):19-24.



<i>Butheolus harrisoni</i> Lowe, 2018	New sp.	Oman		Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. <i>Euscorpius</i> . 2018(261):1-73.
<i>Butheolus hallani</i> Lourenco & Rossi, 2017	New name		Old name <i>Butheolus pallidus</i> Lourenco & Duhem, 2012 is not available and a new replacement name is proposed.	Lourenco WR, Rossi A. A new substitute name for <i>Butheolus pallidus</i> Lourenço et Duhem, 2012 (Scorpiones, Buthidae), species described from United Arab Emirates/Oman. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017;3(13):42-4.
<i>Butheolus pallidus</i> Lourenco & Duhem, 2012	New sp.	Oman, United Arab Emirates		Lourenço WR, Duhem B. Two new species of scorpions from the Arabian Peninsula belonging to the genera <i>Butheolus</i> Simon and <i>compsobuthus</i> Vachon. <i>Zoology in the Middle East</i> . 2012;55:121-6.
<i>Buthiscus ifoghas</i> Ythier & Lourenco, 2023	New sp.	Mali		Ythier E, Lourenco WR. A new species of <i>Buthiscus</i> Birula, 1905 (Scorpiones: Buthidae) from the Adrar des Ifoghas, Mali. <i>Faunitaxys</i> . 2023;11(22):1-7.
<i>Buthoscorpio chinnarensis</i> Aswathi, Sureshan & Lourenco, 2015	New sp.	India		Aswathi K, Sureshan PM, Lourenco WR. A new scorpion of the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones: Buthidae) from Kerala, India.

				Taprobanica. 2015;7(4):213-8.
<i>Buthoscorpio indicus</i> Lourenco, 2012	New sp.	India		Lourenco WR. Further taxonomic considerations on the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones, Buthidae), with description of a new species from India. Boletín de la SEA. 2012(50):187-92.
<i>Buthoscorpio jinnahii</i>	<i>Incertae sedis</i>		Study of the descriptions shows that these taxa can not belong to <i>Buthoscorpio</i> .	Maqsood Javed SM, Thulsi Rao K, Mirza ZA, Sanap RV, Tampal F. A new species of scorpion of the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones: Buthidae) from Andhra Pradesh, India. Euscorpius. 2010(98):1-11.
	New sp.	Pakistan	Originally described in the non-valid genus <i>Stenochirus</i> . I have listed the new species in <i>Buthoscorpio</i> , which is the valid genus name, but formally this has to be done in a scientific journal before it is valid. Because of this this taxa should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	Amir R, Kamaluddin S, Jabbar A. Two new species of the genus <i>Stenochirus</i> Karsch (Scorpionidae: Buthidae: Buthidae) from Pakistan with their relationship, chromatography and electrophoresis of venom. Int J Biol Biotech. 2005;2(3):531-40.

<i>Buthoscorpio rahmatii</i>	<i>Incertae sedis</i>		Study of the descriptions shows that these taxa can not belong to <i>Buthoscorpio</i> .	Maqsood Javed SM, Thulsi Rao K, Mirza ZA, Sanap RV, Tampal F. A new species of scorpion of the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones: Buthidae) from Andhra Pradesh, India. <i>Euscorpius</i> . 2010(98):1-11.
	New sp.	Pakistan	Originally described in the non-valid genus <i>Stenochirus</i> . I have listed the new species in <i>Buthoscorpio</i> , which is the valid genus name, but formally this has to be done in a scientific journal before it is valid. Because of this, the taxon should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	Amir R, Kamaluddin S, Jabbar A. Two new species of the genus <i>Stenochirus</i> Karsch (Scorpionidae: Buthidae: Buthidae) from Pakistan with their relationship, chromatography and electrophoresis of venom. <i>Int J Biol Biotech</i> . 2005;2(3):531-40.
<i>Buthoscorpio rayalensis</i> Javed, Rao, Mirza, Sanap & Tampal, 2010	2010	India		Maqsood Javed SM, Thulsi Rao K, Mirza ZA, Sanap RV, Tampal F. A new species of scorpion of the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones: Buthidae) from Andhra Pradesh, India. <i>Euscorpius</i> . 2010(98):1-11.

<i>Buthus adrianae</i> Rossi, 2013	New sp.	Egypt		Rossi A. A new species of the genus <i>Buthus</i> Leach, 1815 from Egypt (Scorpiones: Buthidae). Riv Mus Cic Sc Nat "E Caffi" Bergamo. 2013;26:187-94
<i>Buthus ahaggar</i> Ythier, Sadine, Haddadi & Lourenco, 2021	New sp.	Algeria		Ythier E, Sadine SE, Haddadi ML, Lourenco WR. A new species of <i>Buthus</i> Leach, 1815 from Algeria (Scorpiones: Buthidae) and an interesting new case of vicariance. Faunitaxys. 2021;9(21):1-9.
<i>Buthus ajax</i> (C. L. Koch, 1839)	New status	Spain	Originally described as <i>Androctonus ajax</i> C. L. Koch, 1839 and later synonymized with <i>Buthus occitanus</i> : Simon, 1879.	Teruel R, Turiel C. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 2: Two more redescrptions. Revista Iberica de Arachnologia. 2021(38):3-20.

<i>Buthus alacanti</i> Teruel & Turiel, 2020	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 1: Four redescrptions and six new species. <i>Revista Iberica de Arachnologia</i> . 2020(37):3-60.
<i>Buthus amri</i> Lourenco, Yagmur & Duhem, 2010	New sp.	Jordan		Lourenco WR, Yagmur EA, Duhem B. A new species of <i>Buthus</i> Leach, 1815 from Jordan. <i>Zoology in the Middle East</i> . 2010;49:95-9.
<i>Buthus apiatus</i> Lourenco, El Bouhissi & Sadine, 2020	New sp.	Algeria		Lourenco WR, El Bouhissi M, Sadine SE. Further considerations on the <i>Buthus</i> Leach, 1815 species present in Algeria with description of a new species (Scorpiones: Buthidae). <i>Revista Iberica de Arachnologia</i> . 2020(36):103-8.
<i>Buthus aures</i> Lourenco & Sadine, 2016	New sp.	Algeria		Lourenco, W. R. and S. E. Sadine (2016). "One more new species of <i>Buthus</i> Leach, 1815 from Algeria (Scorpiones: Buthidae)." <i>Revista Iberica de Arachnologia</i> (28): 13-17.

<i>Buthus awashensis</i> Kovarik, 2011	New sp.	Ethiopia		Kovarik F. <i>Buthus awashensis</i> sp. n. from Ethiopia (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(128):1-6.
<i>Buthus baeticus</i> Teruel & Turiel, 2020	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 1: Four redescriptions and six new species. <i>Revista Iberica de Arachnologia</i> . 2020(37):3-60.
<i>Buthus balmensis</i> Ythier & Laborieux, 2022	New sp.	France		Ythier E, Laborieux L. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in France with description of a new species from the Sainte-Baume Massif. <i>Faunitaxys</i> . 2022;10(47):1-13.
<i>Buthus berberensis</i> Pocock, 1900	New status	Somalia	Raised from species status. Previous name <i>Buthus occitanus berberensis</i> Pocock, 1900. Detailed justification not given in the paper, but other subspecies of <i>B. occitanus</i> have been given species status previously. A molecular study of the genus is needed to sort out which species are valid.	Lourenco WR. About the presence of the genus <i>Buthus</i> Leach, 1815 in the Arabian Peninsula and description of a new species (Scorpiones, Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 2008;15 (179):45-52.
<i>Buthus bobo</i> Ythier, 2021	New sp.	Burkina Faso		Ythier E. A new species of <i>Buthus</i> Leach, 1815 from the savannas of Burkina Faso

				(Scorpiones: Buthidae). Faunitaxys. 2021;9(40):1-5.
<i>Buthus boumalenii</i> Touloun & Boumezzough, 2011	New sp.	Morocco		Touloun O, Boumezzough A. Une nouvelle espece du genre <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) du Maroc. Boletín de la SEA. 2011(48):183-7.
<i>Buthus boussaadi</i> Lourenço, Chichi & Sadine, 2018	New sp.	Algeria		Lourenco WR, Chichi S, Sadine SE. A new species ff <i>Buthus</i> Leach, 1815 from the region of Bou Sâada-M'sila, Algeria; A possible case Of vicariance for the genus (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2018(32):15-20.
<i>Buthus castellano</i> Teruel & Turiel, 2022	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 5: A new psammophile species from Northern Spain, a synonymy and first albinism record in the genus. Revista Iberica de Arachnologia. 2022(41):15-36.
<i>Buthus centroafricanus</i>	New sp.	Central African Republic		Lourenco WR. A new species of the genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) from dry forest formations in Central African Republic. Serket. 2016;15(2):71-9.
<i>Buthus confluens</i> Lourenco, Touloun & Boumezzough,	New sp.	Morocco		Lourenco WR, Touloun O, Boumezzough A. Un nouveau

2012				Buthus Leach, 1815 (Scorpiones, Buthidae) du nord du Maroc; possible lien entre les populations Marocaines et Européennes. Revista Iberica de Arachnologia. 2012 (21):21-5.
<i>Buthus danyii</i> Rossi, 2017	New sp.	Ghana		Rossi A. The genus Buthus Leach, 1815 in the basin countries of the Gulf of Guinea with the description of a new species from Ghana (Scorpiones: Buthidae). Onychium. 2017;13:9-15.
<i>Buthus delafuentei</i> Teruel & Turiel, 2020	New sp.	Spain		Teruel R, Turiel C. The genus Buthus Leach 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 1: Four redescrptions and six new species. Revista Iberica de Arachnologia. 2020(37):3-60.
<i>Buthus duprei</i> Rossi & Tropea, 2016	New sp.	Sudan		Rossi A, Tropea G. A complementary study on the genus Buthus Leach, 1815 in Sudan with the description of a new species (Scorpiones: Buthidae). Aracnida - Rivista Arachnologica Italiana. 2016;8(2):24-31.
<i>Buthus egyptiensis</i> Lourenco, 2012	New sp.	Egypt		Lourenco WR, Cloudsley Thompson JL. A new species of



				Buthus Leach, 1815 from Egypt (Scorpiones, Buthidae). Entomol Mitt Zool Mus Hamburg. 2012;16(187):11-8.
<i>Buthus elongatus</i> Rossi, 2012	New sp.	Spain		Rossi A. Notes on the distribution of the species of the genus Buthus (Leach, 1815) (Scorpiones, Buthidae) in Europe, with a description of a new species from Spain. Bull Br Arach Soc. 2012;15(8):273-9.
<i>Buthus gabani</i> Ythier, 2021	New sp.	Portugal		Ythier E. The southwesternmost scorpion species in Europe: <i>Buthus gabani</i> sp. n. from Cape St. Vincent, Algarve, Portugal (Scorpiones: Buthidae). Faunitaxys. 2021;9(25):1-6.
<i>Buthus garcialorcai</i> Teruel & Turiel, 2020	New sp.	Spain		Teruel R, Turiel C. The genus Buthus Leach 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 1: Four redescrptions and six new species. Revista Iberica de Arachnologia. 2020(37):3-60.

<i>Buthus goyffoni</i> Abidi, Sadine & Lourenco, 2021	New sp.	Algeria		Abidi H, Sadine SE, Houhamdi M, Madoui A, Lourenco WR. The genus <i>Buthus</i> Leach, 1815 in Algeria (Scorpiones: Buthidae) and a possible new case of vicariant species. <i>Revista Iberica de Arachnologia</i> . 2021(38):81-6.
<i>Buthus halius</i> (C. L. Koch, 1839)	New status	Portugal	Originally described as <i>Androctonus halius</i> C. L. Koch, 1839 and later synonymized with <i>Buthus occitanus</i> : Simon, 1879.	Teruel R, Turiel C. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 2: Two more redescrptions. <i>Revista Iberica de Arachnologia</i> . 2021(38):3-20.
<i>Buthus hassanini</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). <i>Arthropoda Selecta</i> . 2012;21(4):307-38.
<i>Buthus iaspis</i> Teruel & Turiel, 2022	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in the Iberian peninsula. Part 4: A new species

				from southern Spain. <i>Revista Iberica de Arachnologia</i> . 2022(40):19-29.
<i>Buthus karoraensis</i> Rossi & Tropea, 2016	New sp.	Eritrea, Sudan (?)		Rossi A, Tropea G. On the presence of the genus <i>Buthus</i> Leach, 1815 in Sudan with the description of a new species from the enclave of Karora (Scorpiones: Buthidae). <i>Onychium</i> . 2016;12:3-10.
<i>Buthus labuschagnei</i> Lourenco, 2015	New sp.	Chad		Lourenco WR. Deux nouvelles espèces de scorpions de la famille des Buthidae C. L. Koch, 1837 collectées dans le Parc National de Zakouma au Tchad. <i>Revista Iberica de Arachnologia</i> . 2015 (26):19-24.
<i>Buthus israelis</i> Shulov & Amitai, 1959	New status	Israel	Previous status: <i>Buthus occitanus Israelis</i> (Shulov & Amitai, 1959).	Lourenco WR, Yagmur EA, Duhem B. A new species of <i>Buthus</i> Leach, 1815 from Jordan. <i>Zoology in the Middle East</i> . 2010;49:95-9.

<i>Buthus kunti</i> Yagmur, Koc & Lourenco, 2011	New sp.	Cyprus		Yagmur EA, Koc H, Lourenco WR. A new species of <i>Buthus</i> Leach, 1815 from Cyprus (Scorpiones, Buthidae). ZooKeys. 2011;115:27-38.
<i>Buthus lourencoi</i> Rossi, Tropea & Yagmur, 2013	New sp.	Libya		Rossi A, Tropea G, Yagmur EA. A New Species of <i>Buthus</i> Leach, 1815 from Libya (Scorpiones: Buthidae). Euscorpius. 2013 (167):1-10.
<i>Buthus lusitanus</i> Lourenco, 2021	Synonymization		Synonymized with <i>B. halius</i> (C. L. Koch, 1838).	Teruel R, Turiel C. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 5: A new psammophile species from Northern Spain, a synonymy and first albinism record in the genus. Revista Iberica de Arachnologia. 2022(41):15-36.
	New sp.	Portugal		Lourenco WR. Une nouvelle espèce appartenant au genre <i>Buthus</i> Leach, 1815 (Scorpiones

				: Buthidae) collectée dans le Parc Naturel de la ‘Serra da Estrela’ au Centre du Portugal. Faunitaxys. 2021;9(13):1-7.
<i>Buthus maamora</i> Ythier, 2023	New sp.	Morocco		Ythier E. A new species of <i>Buthus</i> Leach, 1815 from the Atlantic coast of Morocco (Scorpiones: Buthidae). Faunitaxys. 2023;11(69):1-7.
<i>Buthus manchego</i> Teruel & Turiel, 2020	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 1: Four redescrptions and six new species. Revista Iberica de Arachnologia. 2020(37):3-60.

<i>Buthus nabataeus</i> Lourenco, Abu Afifeh & Al-Saraireh, 2021	New sp.	Jordan		Lourenco WR, Abu Afifeh B, Al-Saraireh M, Abu Baker M, Amr Z. New insights into the taxonomy of the genus <i>Buthus</i> Leach, 1815 in Jordan and description of a new species (Scorpiones: Buthidae). <i>Zoology in the Middle East</i> . 2021.
<i>Buthus nigrovesiculosus</i> Hirst, 1925	New status	Morocco	Previously <i>Buthus occitanus nigrovesiculosus</i> Hirst, 1925.	Sousa P, Arnedo MA, Harris DJ. Updated catalogue and taxonomic notes on the Old-World scorpion genus <i>Buthus</i> Leach, 1815 (Scorpiones, Buthidae). <i>ZooKeys</i> . 2017(686):15-84.
<i>Buthus occidentalis</i> Lourenco, Sun & Zhu, 2009	New sp.	Mauritania		Lourenco WR, Sun D, Zhu M-S. About the presence of the genus <i>Buthus</i> Leach, 1815 in Mauritania, with description of a new species (Scorpiones, Buthidae). <i>Boletin Sociedad Entomológica Aragonesa</i> . 2009; (44):71-5.
<i>Buthus orientalis</i> Lourenco & Simon, 2012	New sp.	Egypt		Lourenco WR, Simon E. Confirmation of a new species of <i>Buthus</i> Leach, 1815 from Alexandria, Egypt (Scorpiones, Buthidae). <i>Serket</i> . 2012;13(1/2):8-15.
<i>Buthus oudjanii</i> Lourenco, 2017	New sp.	Morocco		Lourenco WR. Encore une nouvelle espece de <i>Buthus</i>

				Leach, 1815 (Scorpiones: Buthidae) pour le nord-est d Maroc. Revista Iberica de Arachnologia. 2017;31:59-63.
<i>Buthus parroti</i> Vachon, 1949	New status	Morocco	Previously <i>Buthus atlantis parroti</i> Vachon, 1949.	Sousa P, Arnedo MA, Harris DJ. Updated catalogue and taxonomic notes on the Old-World scorpion genus <i>Buthus</i> Leach, 1815 (Scorpiones, Buthidae). ZooKeys. 2017(686):15-84.
<i>Buthus pedrosousai</i> Teruel & Turiel, 2021	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in the Iberian peninsula. Part 3: A new species from central Spain and new records. Revista Iberica de Arachnologia. 2021(39):3-11.
<i>Buthus pococki</i> Kovarik, Stahlavsky & Elmi	New sp.		Somaliland	Kovarik F, Stahlavsky F, Elmi HSA. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXIII. <i>Buthus</i> (Buthidae), with description of two new species. Euscorpius. 2020(307):1-32.
<i>Buthus prudenti</i> Lourenco & Leguin, 2012	New sp.	Cameroon		Lourenco WR, Leguin E-A. A New Species of the Genus <i>Buthus</i> (Scorpiones: Buthidae) from Northern Cameroon. Euscorpius. 2012 (152):1-9.
<i>Buthus pusillus</i> Lourenco, 2013	New sp.	Algeria		Lourenco WR. A new species of <i>Buthus</i> Leach, 1815 from

				Algeria (Scorpiones, Buthidae). Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2013;16(189):63-8.
<i>Buthus pyrenaeus</i> Ythier, 2021	New sp.	Eastern Pyrenees, in the South of France		Ythier E. The genus <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) in France with description of a new species from the Eastern Pyrenees. Faunitaxys. 2021;9(38):1-10.
<i>Buthus saharicus</i> Sadine, Bissati & Lourenco, 2015	New sp.	Algeria		Sadine SE, Bissati S, Lourenco WR. The first true deserticolous species of <i>Buthus</i> Leach, 1815 from Algeria (Scorpiones: Buthidae); Ecological and biogeographic considerations. C R Biol. 2015 Nov 26.
<i>Buthus serrano</i> Teruel & Turiel, 2020	New sp.	Spain		Teruel R, Turiel C. The genus <i>Buthus</i> Leach 1815 (Scorpiones: Buthidae) in the Iberian Peninsula. Part 1: Four redescrptions and six new species. Revista Iberica de Arachnologia. 2020(37):3-60.
<i>Buthus somalilandus</i> Kovarik, Stahlavsky & Elmi	New sp.		Somaliland	Kovarik F, Stahlavsky F, Elmi HSA. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXIII. <i>Buthus</i> (Buthidae), with description of two new species. Euscorpius.



				2020(307):1-32.
<i>Buthus trinacrius</i> Lourenco & Rossi, 2013	New sp.	Sicily (Italy)	This species is probably extinct today. See paper for details.	Lourenco WR, Rossi A. Confirmation of a new species of <i>Buthus</i> Leach, 1815 from Sicily (Scorpiones, Buthidae). Biogeographical implications. <i>Revista Iberica de Arachnologia</i> . 2013 (22):9-14.
<i>Buthus turkana</i> Ythier & Lourenco, 2022	New sp.	Kenya		Ythier E, Lourenco WR. First record of the genus <i>Buthus</i> Leach, 1815 from Kenya (Scorpiones: Buthidae) and description of a new species. <i>Serket</i> . 2022;19(1):1-6.
<i>Buthus yemenensis</i> Lourenco, 2008	New sp.	Yemen		Lourenco WR. About the presence of the genus <i>Buthus</i> Leach, 1815 in the Arabian Peninsula and description of a new species (Scorpiones, Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 2008;15 (179):45-52.
<i>Buthus zeylensis</i> Pooch, 1900	New status		Restored from synonymy with <i>Buthus berberensis</i> : Lourenço, 2008.	Kovarik F, Stahlavsky F, Elmi HSA. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXIII. <i>Buthus</i> (Buthidae), with description of two new species. <i>Euscorpius</i> . 2020(307):1-32.
<i>Centruroides altagraciaae</i> Teruel, de Armas & Kovarik, 2015	New sp.	Hispaniola, Dominican Republic		Teruel R, de Armas LF, Kovarik F. Two new species of scorpions (Scorpiones: Buthidae,

				Scorpionidae) from Dominican Republic, Greater Antilles. Revista Iberica de Arachnologia. 2015 (27):13-33.
<i>Centruroides baergi</i>	New status		Raised to species rank from subspecies status. Previous name <i>C. nigrovariatus baergi</i> . Paper from 1999, but not listed in The Scorpion Files until mars 2008.	de Armas LF, Martin Frias E. Complementos a la taxonomía de <i>Centruroides nigrovariatus</i> y <i>C. elegans</i> (Scorpiones: Buthidae) de México. Anales de la Escuela Nacional de Ciencias Biológicas. 1999;44:27-35.
<i>Centruroides baldazoi</i> Ponce-Saavedra, Linares-Guillen & Quijano-Ravell, 2022	New sp.	Mexico		Ponce-Saavedra J, Linares-Guillén JW, Quijano-Ravell AF. Una nueva especie de alacrán del género <i>Centruroides</i> Marx (Scorpiones: Buthidae) de la costa Noroeste de México. Acta Zoologica Mexicana (NS). 2022;38:1-24.
<i>Centruroides berstoni</i> Goodman, Prendini, Francke & Esposito, 2021	New sp.	Guatemala		Goodman AM, Prendini L, Francke OF, Esposito LA. Systematic Revision of the Arboreal Neotropical “Thorellii” Clade of <i>Centruroides</i> Marx, 1890, Bark Scorpions (Buthidae C.L. Koch, 1837) with Descriptions of Six New Species. Bulletin of the American Museum of Natural History. 2021(452):1-92.
<i>Centruroides bonito</i> Quijano-Ravell, Teruel & Ponce-	New sp.	Mexico		Quijano-Ravell AF, Teruel R, Ponce-Saavedra J. A new

Saavedra, 2016				Centruroides Marx, 1890 (Scorpiones: Buthidae), from southern Guerrero State, Mexico. Revista Iberica de Arachnologia. 2016(28):25-34.
<i>Centruroides caral</i> Armas & Trujillo, 2013	New sp.	Guatemala		de Armas LF, Trujillo RE. A New Species of the Genus Centruroides Marx, 1890 (Scorpiones: Buthidae) from Guatemala. Euscorpius. 2013 (172):1-5.
<i>Centruroides caribbeanus</i> Teruel & Myers, 2017	New sp.	Mexico, Honduras		Teruel R, Myers B. A New Island Species of Centruroides Marx, 1890 (Scorpiones: Buthidae) from the Southwestern Caribbean. Euscorpius. 2017(252):1-14.
<i>Centruroides catemacoensis</i> Goodman, Prendini, Francke & Esposito, 2021	New sp.	Mexico		Goodman AM, Prendini L, Francke OF, Esposito LA. Systematic Revision of the Arboreal Neotropical “Thorellii” Clade of Centruroides Marx, 1890, Bark Scorpions (Buthidae C.L. Koch, 1837) with Descriptions of Six New Species. Bulletin of the American Museum of Natural History. 2021(452):1-92.
<i>Centruroides chamela</i> Ponce-Saavedra & Francke, 2011	New sp.	Mexico		Ponce-Saavedra J, Francke OF. Especie nueva de la alacran del genero Centruroides (Scorpiones: Buthidae) de la

				costa del estado de Jalisco, Mexico. Revista Mexicana de Biodiversidad. 2011;82:1163-75.
<i>Centruroides chanae</i> Goodman, Prendini, Francke & Esposito, 2021	New sp.	Mexico		Goodman AM, Prendini L, Francke OF, Esposito LA. Systematic Revision of the Arboreal Neotropical “Thorellii” Clade of <i>Centruroides</i> Marx, 1890, Bark Scorpions (Buthidae C.L. Koch, 1837) with Descriptions of Six New Species. Bulletin of the American Museum of Natural History. 2021(452):1-92.
<i>Centruroides concordia</i> Armas & Teruel, 2021	New sp.	Mexico	Previously misidentified as <i>C. hoffmanni</i> Armas, 1996	de Armas LF, Teruel R. The correct identity of <i>Centruroides hoffmanni</i> Armas, 1996 (Scorpiones: Buthidae), with the description of a new species from Chiapas, Mexico. Euscorpius. 2021(339):1-5.
<i>Centruroides cuauhmapan</i> Goodman, Prendini, Francke & Esposito, 2021	New sp.	Mexico		Goodman AM, Prendini L, Francke OF, Esposito LA. Systematic Revision of the Arboreal Neotropical “Thorellii” Clade of <i>Centruroides</i> Marx, 1890, Bark Scorpions (Buthidae C.L. Koch, 1837) with Descriptions of Six New Species. Bulletin of the American Museum of Natural History. 2021(452):1-92.

<i>Centruroides edwadsii</i> (Gervais, 1843)	New comb.	Mexico, El Salvador, Honduras, Nicaragua, Costa Rica, Colombia, Cuba & Senegal (introduced)	See paper for details.	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: buthidae). <i>Euscorpius</i> . 2011(132):1-16.
<i>Centruroides exsul</i> (Meise, 1933)	Change	Galapagos Island, Ecuador	Publication year changed from 1934 to 1933.	Lambertz M. On the date and organ of publication for the endemic Galápagos scorpion <i>Centruroides exsul</i> (Scorpiones: Buthidae) by Wilhelm Meise, with a revision of its distribution and type material. <i>Journal of Arachnology</i> . 2013;41(3):412-4.
<i>Centruroides fallassissimus</i> Armas & Trujillo, 2010	New sp.	Guatemala & Honduras		de Armas LF, Trujillo RE. Nueva especie de <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) de Guatemala y Honduras, America Central. <i>Boletin de la SEA</i> . 2010(47):235-40.
<i>Centruroides franckei</i> Santibanez-Lopez & Contreras-Felix, 2013	New sp.	Mexico		Santibanez-Lopez CE, Contreras-Felix GA. Two new species of <i>Centruroides</i> Marx 1890 (Scorpiones: Buthidae) from Oaxaca, Mexico. <i>Zootaxa</i> . 2013;3734(2):130-40.
<i>Centruroides granosus</i> (Thorell, 1876)	New status	Panama	Raised to species status.	de Armas LF, Trujillo RE. Nueva especie de <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) de Guatemala y

				Honduras, America Central. Boletin de la SEA. 2010(47):235-40.
<i>Centruroides haitiensis</i> Lourenco, 2016	Synonymization  New sp.	Haiti	Synonymized with <i>Centruroides alayoni</i> Armas, 1999.	De Armas LF. First Record of <i>Centruroides alayoni</i> Armas, 1999 (Scorpiones: Buthidae) from Haiti, Greater Antilles. <i>Euscorpius</i> . 2017(244):1-3.  Lourenco WR. A new species of <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) from the Island of ‘Grande Cayemite’ in Haiti. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2016;8:16-23.
<i>Centruroides hamadryas</i> Goodman, Prendini, Francke & Esposito, 2021	New sp.	Mexico		Goodman AM, Prendini L, Francke OF, Esposito LA. Systematic Revision of the Arboreal Neotropical “Thorellii” Clade of <i>Centruroides</i> Marx, 1890, Bark Scorpions (Buthidae C.L. Koch, 1837) with Descriptions of Six New Species. <i>Bulletin of the American Museum of Natural History</i> . 2021(452):1-92.
<i>Centruroides huichol</i> Teruel, Ponce-Saavedra and Quijano-Ravell, 2015	New sp.	Mexico		Teruel R, Ponce-Saavedra J, Quijano-Ravell AF. Redescription of <i>Centruroides noxius</i> and description of a closely related new species from

				western Mexico (Scorpiones: Buthidae). Revista Mexicana de Biodiversidad. 2015;Online First.
<i>Centruroides hirsuticauda</i> Teruel, 2011	New sp.	Honduras		Teruel R. Una nueva especie de <i>Centruroides</i> Marx 1890 (Scorpiones: Buthidae) de Honduras, America Central. Boletin de la SEA. 2011(48):61-6.
<i>Centruroides hirsutipalpus</i>	New sp.	Mexico	Medical important species.	Saavedra JP, Francke OF. Descripcion de una nueva de alacran con importancia medica del genero <i>Centruroides</i> (Scorpiones: Buthidae) del estado de Colima, Mexico. Revista Mexicana de Biodiversidad. 2009;80:647-58.
<i>Centruroides ixil</i> Trujillo & Armas, 2016	New sp.	Guatemala		Trujillo RE, de Armas LF. A New Species of <i>Centruroides</i> (Scorpiones: Buthidae) from Quiché, Northwestern Guatemala. <i>Euscorpius</i> . 2016(233):1-8.
<i>Centruroides jorgeorum</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. <i>Entomological News</i> . 2009 Jan-Feb;120 (1):109-24.
<i>Centruroides lauriadnae</i>	New sp.	Mexico		Ponce-Saavedra J, Francke OF.

Ponce-Saavedra & Francke, 2019				Una especie nueva de alacrán del género <i>Centruroides</i> (Scorpiones: Buthidae) del noroeste de México. Revista Mexicana de Biodiversidad. 2019;90:e902660.
<i>Centruroides lucidus</i> Teruel, Armas & Kovarik, 2015	New sp.	The Dominican Republic		Teruel R, De Armas LF, Kovarik F. A New Species of <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) from Southern Hispaniola, Greater Antilles. <i>Euscorpius</i> . 2015 (198):1-18.
<i>Centruroides margaritatus</i> (Gervais, 1841)	New distribution	Northwestern South America (Peru, Ecuador and Colombia) and introduced to Cuba and Jamaica.	See paper for details.	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: buthidae). <i>Euscorpius</i> . 2011(132):1-16.
<i>Centruroides mariaorum</i> Santiago-Blay, 2009	Synonymization		Synonymized with <i>Centruroides bani</i> Armas & Marcano Fondeur, 1988.	Teruel R, Rivera MJ, Sanchez AJ. The Scorpion Fauna of Mona Island, Puerto Rico (Scorpiones: Buthidae, Scorpionidae). <i>Euscorpius</i> . 2017(250):1-15.
	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis.



				Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Centruroides mascota</i> Ponce-Saavedra & Francke, 2011	New sp.	Mexico		Ponce-Saavedra J, Francke OF. Nueva especie de alacran del genero <i>Centruroides</i> (Scorpiones, Buthidae) del estado de Jalisco, Mexico. Revista Mexicana de Biodiversidad. 2011;82:465-74.
<i>Centruroides meisei</i>	New status		Raised to species rank from subspecies status. Previous name <i>C. elegans meisei</i> . Paper from 1999, but not listed in The Scorpion Files until mars 2008.	de Armas LF, Martin Frias E. Complementos a la taxonomía de <i>Centruroides nigrovariatus</i> y <i>C. elegans</i> (Scorpiones: Buthidae) de México. Anales de la Escuela Nacional de Ciencias Biológicas. 1999;44:27-35.
<i>Centruroides morenoi</i>	Synonymization		Synonymized with <i>Centruroides margaritatus</i> (Gervais, 1841)	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: buthidae). Euscorpius. 2011(132):1-16.
	New status	Jamaica, Cuba (introduced), Trinidad?	Raised to species rank from subspecies status by Armas & Maes, 1998. Info and reference from Alex Tietz in Mars 2008, and verified by Rolando Teruel.	de Armas LF, Maes J-M. Lista anotada de los Alcranes (Arachnida: Scorpiones) de America Central, con algunas consideraciones biogeograficas. Rev Nica Ent. 1998;46:23-38
<i>Centruroides possanii</i> Gonzalez-Santillan, Galan-Sanchez & Valdez-Velazquez,	New sp.	Mexico		Gonzalez-Santillan E, Galan-Sanchez MA, Valdez-Velazquez LL. A new species of

201				Centruroides (Scorpiones, Buthidae) from Colima, Mexico. C R Biol. 2019.
<i>Centruroides ornatus</i> Pocock, 1902	New status	Mexico	Previously treated as a subspecies to <i>Centruroides infamatus</i> (C. L. Kock, 1844).	de Armas LF, Martin Frias E. El genero <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) en el estado de Veracruz, Mexico. Boletin Sociedad Entomológica Aragonesa. 2008(43):7-22.
<i>Centruroides panamensis</i> Arias & Esposito, 2014	New sp.	Panama		Arias DQ, Esposito LA. A new species of <i>Centruroides</i> Marx (Scorpiones: Buthidae) from Panama and new distribution records for <i>Centruroides bicolor</i> (Pocock, 1898) and <i>Centruroides granosus</i> (Thorell, 1876). Zootaxa. 2014;3795(3):373-82.
<i>Centruroides poncei</i> Teruel, Kovarik, Baldazo-Monsivais & Hoferek, 2015	New sp.	Mexico		Teruel R, Kovarik F, Baldazo Monsivaiz JG, Hoferek D. A new species of <i>Centruroides</i> of the "nigrovariatus" group (Scorpiones: Buthidae) from southern Mexico. Revista Iberica de Arachnologia. 2015 (26):3-14.
<i>Centruroides rodolfoi</i> Santibanez-Lopez & Contreras-Felix, 2013	New sp.	Mexico		Santibanez-Lopez CE, Contreras-Felix GA. Two new species of <i>Centruroides</i> Marx 1890 (Scorpiones: Buthidae) from Oaxaca, Mexico. Zootaxa. 2013;3734(2):130-40.
<i>Centruroides romeroi</i> Quijano-	New sp.	Mexico		Quijano-Ravell AF, De Armas

Ravell, De Armas, Francke & Ponce-Saavedra, 2019				LF, Francke OF, Ponce-Saavedra J. A new species of the genus <i>Centruroides</i> Marx (Scorpiones, Buthidae) from western Michoacán State, México using molecular and morphological evidence. <i>ZooKeys</i> . 2019(859):31-48.
<i>Centruroides ruana</i> Quijano-Ravell & Ponce-Saavedra, 2016	New sp.	Mexico		Quijano-Ravell AF, Ponce-Saavedra J. A new species of scorpion of the genus <i>Centruroides</i> (Scorpiones: Buthidae) from the state of Michoacán, Mexico. <i>Revista Mexicana de Biodiversidad</i> . 2016;In Press, Corrected Proof.
<i>Centruroides sanandres</i> Armas, Sarmiento & Florez, 2012	New sp.	San Andres, Colombia		de Armas LF, Sarmiento DL, Florez D E. Composicion de genero <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) en Colombia, con la descripcion de una nueva especie. <i>Boletin de la SEA</i> . 2012(50):105-14.
<i>Centruroides sasae</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. <i>Entomological News</i> . 2009 Jan-Feb;120 (1):109-24.
<i>Centruroides serrano</i> Santibanez-Lopez & Ponce-	New sp.	Mexico		Santibanez-Lopez CE, Ponce-Saavedra J. A new species of

Saavedra, 2009				Centruroides (Scorpiones: Buthidae) from the northern mountain range of Oaxaca, Mexico. <i>Revista Mexicana de Biodiversidad</i> . 2009;80:321-31.
<i>Centruroides simplex</i> (Thorell, 1876)	New status/New combination	Lesser Antilles	Previous name: <i>Centrurus granosus simplex</i> Thorell, 1876. Senior synonym of <i>Centruroides hasethi arubensis</i> Stahnke & Calos, 1977 and <i>Centruroides testaceus arubensis</i> Sissom, 1991.	de Armas LF, Teruel R, Kovarik F. Redescription of <i>Centruroides granosus</i> (Thorell, 1876) and identity of <i>Centrurus granosus simplex</i> Thorell, 1876 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(127):1-11.
<i>Centruroides subgranosus</i> (Kraepelin, 1898)	Synonymization		Synonymized with <i>Centruroides vittatus</i> (Say, 1821).	Teruel R, Kovarik F. The true identity of the enigmatic scorpion <i>Centruroides subgranosus</i> (Kraepelin, 1898), with some taxonomic comments on <i>Centruroides vittatus</i> (Say, 1821) and <i>Centruroides suffusus</i> Pocock, 1902 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2010(97):1-9.
<i>Centruroides tecomanus</i> Hoffmann, 1932	New status		Previously treated as a subspecies: <i>Centruroides limpidus tecomanus</i> Hoffmann, 1932	Saavedra JP, Francke OF, Cano-Camacho H, Hernandez-Calderon E. Evidencias morfológicas y moleculares que validan como especie a <i>Centruroides tecomanus</i> (Scorpiones, Buthidae). <i>Revista Mexicana de Biodiversidad</i> . 2009;80:71-84.
<i>Centruroides tenuis</i> Thorell,	New status	Hispaniola,	Have previously had an unclear	Teruel R. The true taxonomic

1876		Greater Antilles	status. See paper for details. <i>Centruroides zayasi</i> Armas, 1976 is a junior synonym of <i>C. tenuis</i> .	identity of <i>Centruroides tenuis</i> (Thorell, 1876) and <i>Centruroides zayasi</i> Armas, 1976 (Scorpiones: Buthidae). <i>Revista Iberica de Arachnologia</i> . 2016(29):91-3.
<i>Centruroides terueli</i> de Armas & Cubas-Rodríguez, 2023	New sp.	Honduras		De Armas LF, Cubas-Rodríguez AM. Una especie nueva de <i>Centruroides</i> (Scorpiones: Buthidae) de Guanaja, Islas de la Bahía, Honduras. <i>Revista Iberica de Arachnologia</i> . 2023(43):81-5.
<i>Centruroides tuxtla</i>	New status	Mexico	Raised to species rank from subspecies status by Armas, 1999. Info and reference from Alex Tietz in Mars 2008, and verified by Rolando Teruel.	DE ARMAS, L.F. (1999b): Nueva especie de <i>Centruroides</i> (Scorpiones: Buthidae) de Chiapas, México. ? <i>Novitates Caribaea</i> 1: 47?52 [Paper not checked yet]
<i>Centruroides villegasi</i> Baldazo-Monsivaiz, Ponce-Saavedra & Flores-Moreno, 2013	New sp.	Mexico	Medical important	Baldazo-Monsivaiz JG, Ponce-Saavedra J, Flores-Moreno M. Una especie nueva de alacrán del género <i>Centruroides</i> de importancia médica (Scorpiones: Buthidae) del estado de Guerrero, México. <i>Revista Mexicana de Biodiversidad</i> . 2013;84:100-16.
<i>Centruroides yucatanensis</i> Goodman, Prendini, Francke & Esposito, 2021	New sp.	Mexico		Goodman AM, Prendini L, Francke OF, Esposito LA. Systematic Revision of the Arboreal Neotropical “Thorellii” Clade of <i>Centruroides</i> Marx, 1890, Bark Scorpions (Buthidae

				C.L. Koch, 1837) with Descriptions of Six New Species. Bulletin of the American Museum of Natural History. 2021(452):1-92.
<i>Chaneke</i> Francke, Teruel & Santibanez-Lopez, 2014	New genus	Mexico		Francke OF, Teruel R, Santibanez-Lopez CE. A new genus and a new species of scorpion (Scorpiones: Buthidae) from southeastern Mexico. Journal of Arachnology. 2014;42:220-32.
<i>Chaneke alicae</i> (Armas & Frias, 1998)	New comb.		Previous name <i>Tityopsis alicae</i> Armas & Frias, 1998	Francke OF, Teruel R, Santibanez-Lopez CE. A new genus and a new species of scorpion (Scorpiones: Buthidae) from southeastern Mexico. Journal of Arachnology. 2014;42:220-32.
<i>Chaneke baldazoi</i> Kovarik, Teruel & Lowe, 2016	New sp.	Mexico		Kovarik F, Teruel R, Lowe G. Two New Scorpions of the Genus <i>Chaneke</i> Francke, Teruel et Santibáñez-López, 2014 (Scorpiones: Buthidae) from Southern Mexico. Euscorpius. 2016 (218):1-20.
<i>Chaneke fogoso</i> Francke, Teruel & Santibanez-Lopez, 2014	New sp.	Mexico		Francke OF, Teruel R, Santibanez-Lopez CE. A new genus and a new species of scorpion (Scorpiones: Buthidae) from southeastern Mexico. Journal of Arachnology.

				2014;42:220-32.
<i>Chaneke hofereki</i> Kovarik, Teruel & Lowe, 2016	New sp.	Mexico		Kovarik F, Teruel R, Lowe G. Two New Scorpions of the Genus Chaneke Francke, Teruel et Santibáñez-López, 2014 (Scorpiones: Buthidae) from Southern Mexico. Euscorpius. 2016 (218):1-20.
<i>Charmus minor</i> Lourenco, 2002	Synonymization		Synonymized with <i>C. laneus</i> Karsch, 1879	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
	New sp.	Sri Lanka	Published in 2002, but added to The Scorpion Files in 2009 because I didn't know about the paper until now.	Lourenco WR. Further taxonomic considerations about the genus Charmus Karsch, 1879 (Scorpiones, Buthidae), with the description of a new species from Sri Lanka. Entomol Mitt Zool Mus Hamburg. 2002;14 (165):17-25.
<i>Charmus saradieli</i> Kovarik, Loewe, Ranawana, Hoferek & Jayarathne 2016	New sp.	Sri Lanka		Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida,

				Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Cicileus latellai</i> Lourenco & Rossi, 2015	New sp.	Libya		Lourenco WR, Rossi A. New considerations on the genus <i>Cicileus</i> Vachon, 1948 (Scorpiones: Buthidae) and description of a new species from Libya. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2015;1(1):22-37.
<i>Cicileus hoggarensis</i> Lourenco & Rossi, 2015	New sp.	Algeria		Lourenco WR, Rossi A. Two new species of <i>Cicileus</i> Vachon, 1948 from Hoggar Mountains in Algeria. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2015;1(4):2-12.
<i>Cicileus montanus</i> Lourenco & Rossi, 2015	New sp.	Algeria		Lourenco WR, Rossi A. Two new species of <i>Cicileus</i> Vachon, 1948 from Hoggar Mountains in Algeria. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2015;1(4):2-12.
<i>Compsobuthus air</i> Lourenco & Rossi, 2018	New sp.	Niger	Included in The Scorpion Files in January 2023.	Lourenco WR, Rossi A. A new species of <i>Compsobuthus</i> Vachon, 1949 from Aïr Massif, Niger (Scorpiones: Buthidae). <i>Onychium</i> . 2018;14:3-8.



<i>Compsobuthus armenicus</i> Lourenco & Leguin, 2015	New sp.	Armenia		Lourenco WR, Leguin E-A. A new species of <i>Compsobuthus</i> Vachon, 1949 (Scorpiones: Buthidae) from Armenia. <i>Zoology in the Middle East</i> . 2015:1-5.
<i>Compsobuthus atrostriatus</i> (Pocock, 1897)	New comb.		Originally described as <i>Buthus atrostriatus</i> , but later transferred to <i>Vachonus atrostriatus</i> by Tikader & Bastawade, 1983. Also reported as <i>Mesobuthus eupeus atrostriatus</i> by some authors. The current decision is based on an examination of the type. NB! Navidpour et al., 2011 forgot to mention the taxa's status in <i>Vachonus</i> in their discussion of the taxa's status.	Navidpour S, Ezatkah M, Kovarik F, Soleglad ME, Fet V. Scorpions of Iran (Arachnida: Scorpiones). Part VII. Kerman Province. <i>Euscorpius</i> . 2011(131):1-32.
<i>Compsobuthus becvari</i> Kovarik, 2003	Synonymization		Synonymized with <i>Sassanidotus gracilis</i> (Birula, 1900)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Compsobuthus birulai</i> Lourenco, Leguin & Duhem, 2010	New sp.	United Arab Emirates		Lourenço WR, Leguin EA, Duhem B. Notes on the type material of <i>Compsobuthus acutecarinatus</i> (Simon, 1882) and <i>C. maindroni</i> (Kraepelin, 1900), and description of a new

				species from United Arab Emirates. Zoology in the Middle East. 2010;50:119-26.
<i>Compsobuthus boucheti</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). Arthropoda Selecta. 2012;21(4):307-38.
<i>Compsobuthus eritreaensis</i> Kovarik, Lowe, Pliskova & Stahlovsky, 2016	New sp.	Eritrea		Kovarik F, Lowe G, Pliskova J, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part VI. Compsobuthus Vachon, 1949 (Buthidae), with a description of C. eritreaensis sp. n. Euscorpium. 2016(226):1-21.
<i>Compsobuthus egyptiensis</i> Lourenco, Sun & Zhu, 2009	New sp.	Egypt	Includes also updated information on the distribution for some Middle Eastern species.	Lourenco WR, Sun D, Zhu MS. About some Compsobuthus Vachon, 1949 from Africa and The Middle East with the description of a new species (Scorpiones, Buthidae). Boletin Sociedad Entomológica Aragonesa. 2009 (45):53-8.

<i>Compsobuthus fuscatus</i> Hendrixson, 2006	Synonymization		Synonymized with <i>C. manzonii</i> (Borelli, 1915)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Compsobuthus iraqensis</i> Al-Azawii, 2018,	Synonymization	Iraq	Synonymized with <i>C. matthiesseni</i> (Birula, 1905). NB! <i>C. iraqensis</i> was never listed in the Scorpion Files as I was not aware of the publication of this species.	Kachel HS, Al-Khazali AM, Hussen FS, Yağmur EA. Checklist and review of the scorpion fauna of Iraq (Arachnida: Scorpiones). Arachnologische Mitteilungen: Arachnology Letters. 2021;61:1-10.
<i>Compsobuthus kafkai</i> Kovarik, 2003	Synonymization		Synonymized with <i>Sassanidotus gracilis</i> (Birula, 1900)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Compsobuthus khaybari</i> Abu Afifeh, Aloufi & Al-Saraireh, 2021	New sp.	Saudi Arabia		Afifeh BA, Aloufi A, Al-Saraireh M, Amr Z. A new species of Compsobuthus from Saudi Arabia (Arachnida: Scorpiones). Zoology in the Middle East. 2021;Published

				online: 21 Sep 2021.
<i>Compsobuthus krali</i> Kovarik, 2012	New sp.	Yemen		Kovarik F. Three New Species of <i>Compsobuthus</i> Vachon, 1949 from Yemen, Jordan, Israel, and Somaliland (Scorpiones:Buthidae). <i>Euscorpius</i> . 2012 (150):1-10.
<i>Compsobuthus levyi</i> Kovarik, 2012	New sp.	Jordan, Israel		Kovarik F. Three New Species of <i>Compsobuthus</i> Vachon, 1949 from Yemen, Jordan, Israel, and Somaliland (Scorpiones:Buthidae). <i>Euscorpius</i> . 2012 (150):1-10.
<i>Compsobuthus lowei</i> Lourenco & Duhem, 2012	Synonymization		Synonymized with <i>C. setosus</i> Hendrixson, 2006.	sobotniki Lourenço WR, Duhem B. Two new species of scorpions from the Arabian Peninsula belonging to the genera <i>Butheolus</i> Simon and <i>compsobuthus</i> Vachon. <i>Zoology in the Middle East</i> . 2012;55:121-6.
	New sp.	Oman, United Arab Emirates		
<i>Compsobuthus mahazat</i> Ythier & Lourenco, 2023	New sp.	Saudi Arabia		Ythier E, Lourenco WR. Two new scorpion species from Central Saudi Arabia (Scorpiones: Buthidae). <i>Faunitaxys</i> . 2023;11(8):1-8.
<i>Compsobuthus maidensis</i> Kovarik, 2018	New sp.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida,

				Scorpiones). Part XVI. <i>Compsobuthus maidensis</i> sp. n. (Buthidae) from Somaliland. <i>Euscorpius</i> . 2018(260):1-11.
<i>Compsobuthus nematodactylus</i> Lowe, 2009	New sp.	Oman		Lowe G. A new lithophilic <i>Compsobuthus</i> Vachon, 1949 (Scorpiones: Buthidae) from northern Oman. <i>Euscorpius</i> . 2009(90):1-13.
<i>Compsobuthus persicus</i>	New sp.	Iran		Navidpour S, Soleglad ME, Fet V, Kovarik F. Scorpions of Iran (Arachnida, Scorpiones). Part II. Bushehr province. <i>Euscorpius</i> . 2008(67):1-33.
<i>Compsobuthus satpuraensis</i> Waghe, Gangalmale & Khandekar, 2022	New sp.	India		Waghe V, Gangalmale S, Khandekar A. First record of the genus <i>Compsobuthus</i> (Scorpiones: Buthidae) from Maharashtra, India, with description of a new species. <i>Euscorpius</i> . 2022(346):1-13.
<i>Compsobuthus indicus</i> Kovarik & Ahmed, 2011	New sp.	Pakistan		Kovarik F, Ahmed Z. <i>Compsobuthus indicus</i> sp. n. from Pakistan (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(108):1-3.
<i>Compsobuthus sobotniki</i> Kovarik, 2004	Synonymization		Synonymized with <i>Sassanidotus gracilis</i> (Birula, 1900)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> ,

				Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Compsobuthus somalilandus</i> Kovarik, 2012	New sp.	Somaliland		Kovarik F. Three New Species of Compsobuthus Vachon, 1949 from Yemen, Jordan, Israel, and Somaliland (Scorpiones:Buthidae). Euscorpius. 2012 (150):1-10.
<i>Compsobuthus tassili</i> Lourenco, 2010	New sp.	Algerie		Lourenco WR. The Compsobuthus species from 'Tassili des Ajjer', Algeria (Scorpiones, Buthidae) and description of a new species. Entomol Mitt Zool Mus Hamburg. 2010 Jun;15(182):147-55.
<i>Compsobuthus tombouctou</i> Lourenco, 2009	New sp.	Mali		Lourenco WR. A new species of Compsobuthus Vachon, 1949 from Mali (Scorpiones, Buthidae). Acta Biológica Paranaense. 2009;38(1-2):1-8.
<i>Compsobuthus turieli</i> Kovarik, Lowe, Stockmann & Stahlavsky	New sp.	Morocco, Western Sahara		Kovarik F, Lowe G, Stockmann M, Stahlavsky F. Notes on Compsobuthus: redescription of <i>C. arabicus</i> Levy et al., 1973 from Arabia, and description of two new species from North Africa (Scorpiones: Buthidae). Euscorpius. 2020(298):1-40.
<i>Compsobuthus ullrichi</i> Kovarik, Lowe, Stockmann &	New sp.	Egypt		Kovarik F, Lowe G, Stockmann M, Stahlavsky F. Notes on

Stahlavsky				Compsobuthus: redescription of <i>C. arabicus</i> Levy et al., 1973 from Arabia, and description of two new species from North Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(298):1-40.
<i>Compsobuthus vannii</i> Rossi, 2016	New sp.	?	I have never seen this article, but the species is valid according to Kovarik, 2022: “Rossi (2017) described <i>Compsobuthus vannii</i> from Djibouti in a paper titled “Complementi alla fauna del Corno d’Africa: famiglia Buthidae C. L. Koch, 1837 (Scorpiones), con la descrizione di tre nuove specie” in his self-published journal <i>Rivista Aracnologica Italiana</i> . This journal issue was publically accessible (i.e., published) in March 2017, but was falsely pre-dated 14 July 2016 (cf. Kovařík et al., 2019: 19). “	Kovarík F, Lowe G. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XXVIII. Scorpions of Djibouti. <i>Euscorpius</i> . 2022 (357):1-31.
<i>Compsobuthus williamsi</i> Lourenço, 1999	Synonymization		Synonymized with <i>Compsobuthus matthiesseni</i> (Birula, 1905).	Kovarík F. Notes on the Genera <i>Buthacus</i> , <i>Compsobuthus</i> , and <i>Lanzatus</i> with Several Synonymies and Corrections of Published Characters (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(269):1-12.
<i>Femtobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae)

				from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Femtobuthus shutuae</i> Lowe, 2010	New sp.	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Fetilia</i> Lowe & Kovarik, 2021	New genus	Pakistan		Lowe G, Kovarik F. <i>Fetilia dentator</i> gen. et sp. n. from Pakistan (Scorpiones: Buthidae). <i>Euscorpius</i> . 2021(328):1-10.
<i>Fetilia dentator</i> Lowe & Kovarik, 2021	New sp.	Pakistan		Lowe G, Kovarik F. <i>Fetilia dentator</i> gen. et sp. n. from Pakistan (Scorpiones: Buthidae). <i>Euscorpius</i> . 2021(328):1-10.
<i>Gint</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2013	New genus	Ethiopia, Somalia, Somaliland.		Kovarik F, Lowe G, Pliskova J, Stahlavsky F. A New Scorpion Genus, <i>Gint</i> gen. n., from the Horn of Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2013 (173):1-19.
<i>Gint amoudensis</i> Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Just P, Awale AI, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of the genus <i>Gint</i> Kovarik et al., 2013, with description of three new species from Somaliland (Scorpiones, Buthidae). <i>Euscorpius</i> . 2018(259):1-41.
<i>Gint basfasae</i> Kovarik & Lowe, 2019	New sp.	Somaliland		Kovarik F, Lowe G. Scorpions of the Horn of Africa



				(Arachnida, Scorpiones). Part XVIII. <i>Gint banfasae</i> sp. n. from Somaliland (Buthidae). <i>Euscorpius</i> . 2019(272):1-14.
<i>Gint calviceps</i> (Pocock, 1900)	New comb.		Previous name <i>Buthacus calviceps</i> Pocock, 1900.	Kovarik F, Lowe G, Pliskova J, Stahlavsky F. A New Scorpion Genus, <i>Gint</i> gen. n., from the Horn of Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2013 (173):1-19.
<i>Gint childsi</i> Kovarik, 2018	New sp.	Kenya		Kovarik F. A New Scorpion Species from Kenya, <i>Gint childsi</i> sp. n. (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(266):1-9.
<i>Gint dabakalo</i> Kovarik & Mazuch, 2015	New sp.	Somaliland		Kovarik F, Mazuch T. Review of the Genus <i>Gint</i> Kovařík et al., 2013, with Description of Two New Species from Somaliland and Somalia (Puntland) (Scorpiones: Buthidae). <i>Euscorpius</i> . 2015 (209):1-23.
<i>Gint gaitako</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2013	New genus	Ethiopia		Kovarik F, Lowe G, Pliskova J, Stahlavsky F. A New Scorpion Genus, <i>Gint</i> gen. n., from the Horn of Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2013 (173):1-19.
<i>Gint gubanensis</i> Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Just P, Awale AI, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of

				the genus <i>Gint</i> Kovařík et al., 2013, with description of three new species from Somaliland (Scorpiones, Buthidae). <i>Euscorpius</i> . 2018(259):1-41.
<i>Gint insolitus</i> (Borelli, 1925)	New status		Previously <i>Buthus insolitus</i> Borelli, 1925	Rossi A. Revisione del genere <i>Gint</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2013 in Somalia con la descrizione di due nuove specie (Scorpiones, Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2015;1(2):50-63.
<i>Gint maidensis</i> Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018	New comb.  New sp.	Somaliland	Transferred to <i>Sanaag</i> Kovarik, 2024.	Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones) Part XXXI. Two new genera from Somaliland: <i>Sanaag</i> gen. n. and <i>Sahil</i> gen. n. (Buthidae). <i>Euscorpius</i> . 2024(386):1-11.  Kovarik F, Lowe G, Just P, Awale AI, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of the genus <i>Gint</i> Kovařík et al., 2013, with description of three new species from Somaliland (Scorpiones, Buthidae). <i>Euscorpius</i> . 2018(259):1-41.
<i>Gint marialuisae</i> Rossi 2015	New sp.	Somalia		Rossi A. Revisione del genere

				Gint Kovarik, Lowe, Pliskova & Stahlavsky, 2013 in Somalia con la descrizione di due nuove specie (Scorpiones, Buthidae). Arachnida - Rivista Aracnologica Italiana. 2015;1(2):50-63.
<i>Gint monicae</i> Rossi 2015	New sp.	Somalia		Rossi A. Revisione del genere Gint Kovarik, Lowe, Pliskova & Stahlavsky, 2013 in Somalia con la descrizione di due nuove specie (Scorpiones, Buthidae). Arachnida - Rivista Aracnologica Italiana. 2015;1(2):50-63.
<i>Gint puntlandus</i> Kovarik & Mazuch, 2015	New sp.	Somalia		Kovarik F, Mazuch T. Review of the Genus Gint Kovařík et al., 2013, with Description of Two New Species from Somaliland and Somalia (Puntland) (Scorpiones: Buthidae). Euscorpius. 2015 (209):1-23.
<i>Grosphus</i> Simon, 1880	New status		The genus is again split into the genus <i>Teruelius</i> Lowe & Kovarik, 2019. Se species lists to see which species that are moved, and which are retained in <i>Grosphus</i> .	Lowe G, Kovarik F. Reanalysis of Teruelius and Grosphus (Scorpiones: Buthidae) with descriptions of two new species. Euscorpius. 2022(356):1-105.
<i>Grosphus angulatus</i> Lowe & Kovarik, 2022	New sp.	Madagascar		Lowe G, Kovarik F. Reanalysis of Teruelius and Grosphus (Scorpiones: Buthidae) with descriptions of two new species. Euscorpius. 2022(356):1-105.

<i>Grosphus bicolor</i> Lourenco, 2012	New sp.	Madagascar	NB! Moved to <i>Grosphus</i> .	Lourenco WR. A new species of <i>Grosphus</i> Simon, 1880 (Scorpiones: Buthidae) from the Southwest of Madagascar. entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2012;16(188):33-40.
<i>Grosphus eliseanneae</i> Lourenco & Wilme, 2016	New sp.	Madagascar	NB! Moved to <i>Grosphus</i> .	Lourenco WR, Wilme L. Three new species of <i>Grosphus</i> Simon 1880, (Scorpiones: Buthidae) from Madagascar; possible vicariant cases within the <i>Grosphus bistriatus</i> group of species. Madagascar Conservation & Development. 2016;11(2):1-14.
<i>Grosphus ganzhorni</i> Lourenco, Wilme & Waeber, 2016	New sp.	Madagascar	NB! Moved to <i>Grosphus</i> .	Lourenco WR, Wilme L, Waeber PO. One more vicariant new species of <i>Grosphus</i> simon, 1880 (Scorpiones: Buthidae) from Madagascar. Revista Iberica de Arachnologia. 2016(29):45-50.
<i>Grosphus halleuxi</i> Lourenço, Wilme, Soarimalala & Waeber, 2017	New status		Restored from synonymization	Lourenco WR, Rossi A, Wilme L, Raherilalao MJ, Soarimalala V, Waeber PO. The remarkable diversity of the genus <i>Grosphus</i> Simon, 1880 (Scorpiones: Buthidae) in Southern Madagascar and in particular in the region of Cap Sainte Marie. Arachnida - Rivista

	Synonymization		Synonymized with <i>Grosphus madagascariensis</i> (Gervais, 1843).	Aracnologica Italiana. 2020;VI(XXVII):2-35.  Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
	New sp.	Madagascar		Lourenco WR, Wilme L, Soarimalala V, Waeber PO. Species of <i>Grosphus</i> Simon, 1880 associated to <i>Grosphus simoni</i> Lourenço, Goodman & Ramilijaona, 2004 with description of two new species (Scorpiones: Buthidae). <i>Revista Iberica de Arachnologia</i> . 2017(30):61-9.
<i>Grosphus magalieae</i> Lourenco, 2014	New sp.	Madagascar	NB! Moved to <i>Grosphus</i> .	Lourenco WR. The genus <i>Grosphus</i> Simon, 1880 in South-Western Madagascar, with the description of a new species (Scorpiones, Buthidae). <i>Zoosystema</i> . 2014;36(3):631-45.
<i>Grosphus makay</i> Lourenco & Wilme, 2015	New status		Restored from synonymy.	Lourenco WR, Rossi A, Wilme L, Raherilalao MJ, Soarimalala V, Waeber PO. The remarkable diversity of the genus <i>Grosphus</i> Simon, 1880 (Scorpiones:

	Synonymization		Synonymized with <i>Teruelius feti</i> (Lourenço, 1996).	Buthidae) in Southern Madagascar and in particular in the region of Cap Sainte Marie. Arachnida - Rivista Aracnologica Italiana. 2020;VI(XXVII):2-35.
	New sp.	Madagascar		Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
				Lourenco WR, Wilme L. Scorpions collected in the Makay mountain range, Madagascar (Scorpiones: Hormuridae, Buthidae) and with description of a new species. Revista Iberica de Arachnologia. 2015 (26):55-61.
<i>Grosphus mandena</i> Lourenço, 2005	Synonymization		Synonymized with <i>Grosphus madagascariensis</i> (Gervais, 1843).	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Grosphus mavo</i> Lourenco & Rossi, 2020	New sp.	Madagascar		Lourenco WR, Rossi A, Wilme L, Raherilalao MJ, Soarimalala

				V, Waeber PO. The remarkable diversity of the genus <i>Grosphus</i> Simon, 1880 (Scorpiones: Buthidae) in Southern Madagascar and in particular in the region of Cap Sainte Marie. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2020;VI(XXVII):2-35.
<i>Grosphus mayottensis</i> Lourenço & Goodman, 2009	New sp.	Mayotte (France), Comoros Archipelago		Lourenço WR, Goodman SM. Scorpions from the Comoros Archipelago: Description of a new species of <i>Grosphus</i> Simon (Scorpiones, Buthidae) from Mayotte (Maore). <i>Boletín Sociedad Entomológica Aragonesa</i> . 2009; (44):35-8.
<i>Grosphus rakotoariveloi</i> Lourenço, Wilme, Soarimalala & Waeber, 2017	New sp.	Madagascar		Lourenço WR, Wilme L, Soarimalala V, Waeber PO. Species of <i>Grosphus</i> Simon, 1880 associated to <i>Grosphus simoni</i> Lourenço, Goodman & Ramilijaona, 2004 with description of two new species (Scorpiones: Buthidae). <i>Revista Iberica de Arachnologia</i> . 2017(30):61-9.
<i>Grosphus rossii</i> Lourenço, 2013	Synonymization		Synonymized with <i>Teruelius mahafaliensis</i> (Lourenço, Goodman & Ramilijaona, 2004)	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones:

	New sp.	Madagascar		Buthidae). <i>Euscorpius</i> . 2019(281):1-128.  Lourenco WR. A new species of <i>Grosphus</i> Simon, 1880 (Scorpiones, Buthidae) from Central Madagascar. <i>Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg</i> . 2013;16(189):57-62.
<i>Grosphus sabineae</i> Lourenco & Wilme, 2016	New sp.	Madagascar	NB! Moved to <i>Grosphus</i> .	Lourenco WR, Wilme L. Three new species of <i>Grosphus</i> Simon 1880, (Scorpiones: Buthidae) from Madagascar; possible vicariant cases within the <i>Grosphus bistratus</i> group of species. Madagascar Conservation & Development. 2016;11(2):1-14.
<i>Grosphus simoni</i> Lourenço, Goodman & Ramilijaona, 2004	New status		Restored from synonymy.	Lourenco WR, Rossi A, Wilme L, Raherilalao MJ, Soarimalala V, Waeber PO. The remarkable diversity of the genus <i>Grosphus</i> Simon, 1880 (Scorpiones: Buthidae) in Southern Madagascar and in particular in the region of Cap Sainte Marie. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2020;VI(XXVII):2-35.
	Synonymization		Synonymized with <i>Grosphus</i>	Lowe G, Kovarik F. Review of



			<i>madagascariensis</i> (Gervais, 1843),	Grosphus Simon, 1880, with description of Teruelius gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Grosphus voahangyae</i> Lourenco & Wilme, 2015	New sp.	Madagascar		Lourenco WR, Wilme L. Species of Grosphus Simon, 1880, associated to the group madagascariensis / hirtus (Scorpiones: Buthidae); description of a peculiar new species from the humid eastern forests of Madagascar. Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2015;17(194):207-23.
<i>Grosphus waeberi</i> Lourenco & Wilme, 2016	New sp.	Madagascar	NB! Moved to <i>Grosphus</i> .	Lourenco WR, Wilme L. Three new species of Grosphus Simon 1880, (Scorpiones: Buthidae) from Madagascar; possible vicariant cases within the Grosphus bistriatus group of species. Madagascar Conservation & Development. 2016;11(2):1-14.
<i>Hemibuthus umarii</i>	New sp.	Pakistan		Amir R, Kamaluddin S, Khan AJ. A new species of the genus <i>Hemibuthus</i> Pocock (Arachnida: Scorpionida: Buthidae) from Pakistan with special reference to chromatography and

				electrophoresis of its venom. Int J Biol Biotech. 2004;1(4):489-95
<i>Heteroctenus</i> Pocock, 1893	New status		Revalidated from synonymization	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Heteroctenus abudi</i> (Armas & Marcano Fondeur, 1987)	New comb.		Previously <i>Rhopalurus abudi</i> Armas & Marcano Fondeur, 1987.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Heteroctenus aridicola</i> (Teruel & Armas, 2012)	New status		Restored from synonymy (see below).	De Armas LF. Revalidation of Three Recently Synonymized Cuban Species of <i>Heteroctenus</i> Pocock, 1893 (Scorpiones:

	New status			Buthidae: Centruroidinae). Euscorpius. 2017(248):1-3.
	New sp.	Cuba	Synonymized with <i>Heteroctenus junceus</i> (Herbst, 1800).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.  Teruel R, de Armas LF. Nueva especie de Rhopalurus Thorell, 1876 de Cuba Oriental, con algunas consideraciones sobre sus congeneres Antillanos (Scorpiones: Buthidae). Boletin de la SEA. 2012(50):209-17.
<i>Heteroctenus bonettii</i> (Armas, 1999)	New comb.		Previously <i>Rhopalurus bonettii</i> Armas, 1999.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and

				descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Heteroctenus garridoi</i> (Armas, 1974)	New comb.		Previously <i>Rhopalurus garridoi</i> Armas, 1974.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Heteroctenus gibarae</i> (Teruel, 2006)	New comb.		Previously <i>Rhopalurus gibarae</i> Teruel, 2006.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Heteroctenus granulimanus</i>	New status		Restored from synonymy (see	De Armas LF. Revalidation of

(Teruel, 200)	New status		below).  Synonymized with <i>Heteroctenus gibarae</i> (Teruel, 2006).	Three Recently Synonymized Cuban Species of <i>Heteroctenus</i> Pocock, 1893 (Scorpiones: Buthidae: Centruroidinae). <i>Euscorpius</i> . 2017(248):1-3.  Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i> ). <i>Bulletin of the American Museum of Natural History</i> . 2017(415):1-134.
<i>Heteroctenus junceus</i> (Herbst, 1800)	New comb.		Previously <i>Rhopalurus junceus</i> (Herbst, 1800).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i> ). <i>Bulletin of the American Museum of Natural History</i> . 2017(415):1-134.

<p><i>Heteroctenus melloleitaoui</i> (Teruel &amp; Armas, 2006)</p>	<p>New status</p> <p>New status</p>		<p>Restored from synonymy (see below).</p> <p>Synonymized with <i>Heteroctenus junceus</i> (Herbst, 1800)</p>	<p>De Armas LF. Revalidation of Three Recently Synonymized Cuban Species of <i>Heteroctenus</i> Pocock, 1893 (Scorpiones: Buthidae: Centruroidinae). <i>Euscorpius</i>. 2017(248):1-3.</p> <p>Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i>, <i>Rhopalurus</i>, and <i>Troglorhopalurus</i>, revalidation of <i>Heteroctenus</i>, and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i>). <i>Bulletin of the American Museum of Natural History</i>. 2017(415):1-134.</p>
<p><i>Heteroctenus princeps</i> (Karsch, 1879)</p>	<p>New comb.</p>		<p>Previously <i>Rhopalurus princeps</i> (Karsch, 1879)</p>	<p>Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i>, <i>Rhopalurus</i>, and <i>Troglorhopalurus</i>, revalidation of <i>Heteroctenus</i>, and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i>). <i>Bulletin of the American Museum of Natural History</i>.</p>

				History. 2017(415):1-134.
<i>Heteroctenus turieli</i> Teruel & Yong, 2023	New sp.	Cuba		Teruel R, Yong S. Una Nueva Especie de escorpion del genero <i>Heteroctenus</i> Pocock, 1893 (Scorpiones: Buthidae), de Cuba Occidental. <i>Revista Iberica de Arachnologia</i> . 2023(42):119-29.
<i>Hottentotta akbarii</i> Yagmur, Moradi, Tabatabaei & Jafari, 2022	New sp.	Iran		Yagmur EA, Moradi M, Tabatabaei M, Jafari N. Contributions to the scorpion fauna of Iran. Part II. <i>Hottentotta akbarii</i> sp. nov. from the Fars Province (Scorpiones: Buthidae). <i>Serket</i> . 2022;18(3):252-62.
<i>Hottentotta asimii</i>	New sp.	Pakistan	Originally described in the non-valid genus <i>Buthotus</i> . I have listed the new species in <i>Hottentotta</i> , which is the valid genus name, but formally this has to be done in a scientific journal before it is valid. Because of this this taxa should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	Amir R, Kamaluddin S, Kahn AJ. A new species of the genus <i>Buthotus</i> Vachon (Arachnida: Scorpionida: Buthidae) from Pakistan with special reference to chromatography and electrophoresis of its venom. <i>Int J Biol Biotech</i> . 2004;1(4):481-7
<i>Hottentotta flavidulus</i> Teruel & Rein, 2010	New sp.	Afghanistan		Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the generic position of <i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2010 (94):1-8.
<i>Hottentotta fuscitruncus</i> (Caporiacco, 1936)	New status		Restored from synonymy with <i>Hottentotta trilineatus</i> (Peters,	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro

			1861).	AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta gambelaensis</i> Kovarik, 2015	New sp.	Ethiopia		Kovarik F, Mazuch T. Scorpions of Ethiopia (Arachnida: Scorpiones). Part III. Genus <i>Hottentotta</i> Birula, 1908 (Buthidae), with Description of Three New Species. <i>Euscorpius</i> . 2015 (202):1-37.
<i>Hottentotta gibaensis</i> Kovarik, 2015	New sp.	Ethiopia		Kovarik F, Mazuch T. Scorpions of Ethiopia (Arachnida: Scorpiones). Part III. Genus <i>Hottentotta</i> Birula, 1908 (Buthidae), with Description of Three New Species. <i>Euscorpius</i> . 2015 (202):1-37.
<i>Hottentotta haudensis</i> Kovarik & Lowe, 2021	New sp.	Somaliland		Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXVI. Records of <i>Hottentotta polystictus</i> (Pocock, 1896), with descriptions of <i>H. haudensis</i> sp. n. and <i>H. nigrimontanus</i> sp. n. (Buthidae) from Somaliland. <i>Euscorpius</i> . 2021(330):1-28.
<i>Hottentotta hoggarensis</i> Lourenco & Leguin, 2014	New sp.	Algeria		Lourenco WR, Leguin E-A. Une nouvelle espèce d' <i>Hottentotta</i>



				Birula, 1908 pour le massif du Hoggar en Algérie (Scorpiones, Buthidae); conséquences biogéographiques sur la répartition du genre. Revista Iberica de Arachnologia. 2014 (24):15-8.
<i>Hottentotta juliae</i> Kovarik, Yagmur & Fet, 2019	New sp.	Iran		Kovarik F, Yagmur EA, Fet V. Review of <i>Hottentotta</i> described by A. A. Birula, with descriptions of two new species and comments on Birula's collection (Scorpiones: Buthidae). Euscorpius. 2019(282):1-30.
<i>Hottentotta keralaensis</i> Aswhati, Sureshan & Lourenço, 2016	New sp.	India		Aswhati K, Sureshan PM, Lourenço WR. One more new species of <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from the State of Kerala in South of India. Aracnida - Rivista Arachnologica Italiana. 2016;2(10):34-44.
<i>Hottentotta khozestanus</i>	New sp.	Iran		Navidpour S, Kovarik F, Soleglad ME, Fet V. Scorpion of Iran (Arachnida, Scorpiones). Part I. Khozestan Province. Euscorpius. 2008(65):1-41.
<i>Hottentotta krivokhatskyi</i> Kovarik, Yagmur & Fet, 2019	New sp.	Pakistan		Kovarik F, Yagmur EA, Fet V. Review of <i>Hottentotta</i> described by A. A. Birula, with descriptions of two new species

				and comments on Birula's collection (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(282):1-30.
<i>Hottentotta lacroixi</i> Ythier & Dupre, 2021	New sp	Democratic Republic of the Congo		Ythier E, Dupre G. Description of a new species of <i>Hottentotta</i> Birula, 1908, from the Democratic Republic of the Congo (Scorpiones, Buthidae). <i>Faunitaxys</i> . 2021;9(5):1-5.
<i>Hottentotta leetzi</i> Ythier, 2024	New sp.	Tibet, China		Ythier E. A new high-elevation scorpion species of the genus <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from Tibet, China. <i>Arachnides</i> . 2024(114):1-9.
<i>Hottentotta lorestanus</i> Navidpour, Nayebzadeh, Soleglad, Fet, Kovarik & Kayedi, 2010	New sp.	Iran		Navidpour S, Nayebzadeh HH, Soleglad ME, Fet V, Kovarik F, Kayedi MH. Scorpions of Iran (Arachnida, Scorpiones). Part VI. Lorestan Province. <i>Euscorpius</i> . 2010 (99):1-23.
<i>Hottentotta mateui</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	Synonymization		Synonymized with <i>Hottentotta minax</i> (L. Koch, 1875).	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.

	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). <i>Arthropoda Selecta</i> . 2012;21(4):307-38.
<i>Hottentotta mazuchi</i> Kovarik, 2013	New sp.	Kenya		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta minusalta</i> Vachon, 1959	New status	Afghanistan	Previous status: <i>Hottentotta alticola minusalta</i> Vachon, 1959.	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta navidpouri</i> Kovarik, Yagmur & Moradi, 2018	New sp.	Iran		Kovarik F, Yagmur EA, Moradi M. Two New Hottentotta Species from Iran, with a Review of <i>Hottentotta saulcyi</i> (Scorpiones: Buthidae).

				Euscorpius. 2018(265):1-14.
<i>Hottentotta nigrimontanus</i> Kovarik & Lowe, 2021	New sp.	Somaliland		Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXVI. Records of <i>Hottentotta polystictus</i> (Pocock, 1896), with descriptions of <i>H. haudensis</i> sp. n. and <i>H. nigrimontanus</i> sp. n. (Buthidae) from Somaliland. Euscorpius. 2021(330):1-28.
<i>Hottentotta novaki</i> Kovarik, 2015	New sp.	Ethiopia		Kovarik F, Mazuch T. Scorpions of Ethiopia (Arachnida: Scorpiones). Part III. Genus <i>Hottentotta</i> Birula, 1908 (Buthidae), with Description of Three New Species. Euscorpius. 2015 (202):1-37.
<i>Hottentotta pellucidus</i> Lowe, 2010	New sp.	Oman		Lowe G. Two new species of <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from northern Oman. Euscorpius. 2010(103):1-23.
<i>Hottentotta pooyani</i> Moradi, Yagmur & Akbari	New sp.	Iran		Moradi M, Yagmur EA, Akbari A. <i>Hottentotta Pooyani</i> sp. nov. (Scorpiones, Buthidae) from the Khuzestan Province, Iran. Bull Iraq nat Hist Mus. 2022;17(2):251-66.
<i>Hottentotta reddyi</i> Lourenco, 2015	New sp.	Southern India		Lourenco WR. New considerations on the genus <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) with the

				description of one new species from the south of India. Arachnida - Rivista Arachnologica Italiana. 2015;1(2):37-49.
<i>Hottentotta saxinatans</i> Lowe, 2010	New sp.	Oman		Lowe G. Two new species of <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from northern Oman. <i>Euscorpius</i> . 2010(103):1-23.
<i>Hottentotta sistaensis</i> Kovarik, Yagmur & Moradi, 2018	New sp.	Iran		Kovarik F, Yagmur EA, Moradi M. Two New <i>Hottentotta</i> Species from Iran, with a Review of <i>Hottentotta saulcyi</i> (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(265):1-14.
<i>Hottentotta somalicus</i> Kovarik, 2018	New sp.	Somalia		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XIV. <i>Hottentotta somalicus</i> sp. n. (Buthidae) from Somalia. <i>Euscorpius</i> . 2018(256):1-8.
<i>Hottentotta songi</i> (Lourenco, Qi & Zhu, 2005)	New combination		Previously assigned to <i>Mesobuthus</i> (as <i>Mesobuthus songi</i> )	Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the generic position of <i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2010:1-8.
<i>Hottentotta sousai</i> Turiel, 2014	New sp.	Morocco		Turiel C. A New Species of <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from

				Southern Morocco. <i>Euscorpius</i> . 2014 (181):1-9.
<i>Hottentotta trailini</i> Kovarik, 2013	New sp.	Ethiopia		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta ugandaensis</i> Kovarik, 2013	New sp.	Uganda		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta vinchu</i> Mirza, Ambekar & Kulkarni, 2019	New so.	India		Mirza Z, Ambekar M, Kulkarni NU. A new species of scorpion of the genus <i>Hottentotta</i> Birula, 1908 from the Western Ghats, India (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2019;5(12):2-16.
<i>Ischnotelson</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New genus	Brazil		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed

				scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Ischnotelson guanambiensis</i> (Lenarducci, Pinto-da-Rocha & Lucas, 2005)	New comb.		Previously <i>Rhopalurus guanambiensis</i> Lenarducci, Pinto-da-Rocha & Lucas, 2005.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Ischnotelson peruassu</i> Esposito, Yamaguti, Souza, Pinto da Roacha & Prendini, 2017	New sp.	Brazil		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae:

				Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Isometrus amboli</i> Sulakhe, Dandekar, Padhye & Bastawade, 2020	New sp.	India		Sulakhe S, Dandekar N, Padhye A, Bastawade D. Two new cryptic species of <i>Isometrus</i> (Scorpiones: Buthidae) from the northern Western Ghats, India. <i>Euscorpius</i> . 2020(305):1-24.
<i>Isometrus adviteeya</i> Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024	New sp.	India		Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.
<i>Isometrus anamalaiensis</i> Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024	New sp.	India		Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.
<i>Isometrus atherii</i> Amir &	New comb.		Moved to <i>Odonotbuthus</i> Vachon,	Deshpande S, Gowande G,



Kamaluddin, 2008	New sp.	Pakistan	1950  Published in 2008, but I learn about the paper in spring 2012.	Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.  Amir R, Kamaluddin S. Revision of the genus <i>Isometrus</i> Hemprich & Ehrenberg (Scorpionida: Buthidae: Centururinae) with description of two new species and cladistic relationship from Pakistan. <i>Pakistan J Entomol</i> . 2008;23(1&2):31-40.
<i>Isometrus deharvengi</i> Lourenco & Duhem, 2010	New sp.	Vietnam		Lourenco WR, Duhem B. Buthid scorpions found in caves; a new species of <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones, Buthidae) from southern Vietnam. <i>C R Biol</i> . 2010 Aug;333(8):631-6.
<i>Isometrus feti</i> Kovarik, 2013	New sp.	Java, Indonesia		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and

				Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus garyi</i> Lourenco & Huber, 2002	Synonymization		Synonymized with <i>Reddyanus loebli</i> (Vachon, 1982)	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Isometrus hainanensis</i> Lourenço, 2005	Synonymization		Synonymized with <i>Isometrus petrzekai</i> Kovarik, 2003	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus jendeki</i> Kovarik, 2013	New sp.	Malaysia		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus kovariki</i> Sulakhe,	New sp.	India		Sulakhe S, Dandekar N,

Dandekar, Mukherjee, Pandey, Ketkar, Padhye & Bastawade, 2020				Mukherjee S, Pandey M, Ketkar M, Padhye A, et al. A new species of <i>Isometrus</i> (Scorpiones: Buthidae) from southern India. <i>Euscorpius</i> . 2020(310):1-13.
<i>Isometrus lao</i> Lourenço & Leguin, 2012	Synonymization		Synonymized with <i>Isometrus petrzekai</i> Kovarik, 2003	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus liaqatii</i> Amir & Kamaluddin, 2008	New comb.  New sp.	  Pakistan	Transferred to genus <i>Odontobuthus</i> Vachon, 1950.  Published in 2008, but I learn about the paper in spring 2012.	Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.  Amir R, Kamaluddin S. Revision of the genus <i>Isometrus</i> Hemprich & Ehrenberg (Scorpionida: Buthidae: Centurinae) with description of two new species

				and cladistic relationship from Pakistan. Pakistan J Entomol. 2008;23(1&2):31-40.
<i>Isometrus lithophilis</i> Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024	New sp.	India		Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. Zoologischer Anzeiger. 2024;308:71-98.
<i>Isometrus longitelson</i> Deshpande, Gowande, Bastawade & Sulakhe, 2022	New sp.	India		Deshpande S, Gowande G, Bastawade D, Sulakhe S. A new species of <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) from southeastern plains of Tamil Nadu, India. Euscorpius. 2022(353):1-19.
<i>Isometrus naksahatra</i> Sulakhe, Deshpande, Gowande, Dandekar & Ketkar, 2022	New sp.	India		Sulakhe S, Deshpande S, Gowande G, Dandekar N, Ketkar M. Arboreal gems: resurrection of <i>Isometrus</i> <i>sankeriensis</i> Tikader & Bastwade, 1983 and descriptions of two new species of <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) from the Western Ghats, India. European Journal of Taxonomy. 2022;811:1-50.

<i>Isometrus neradi</i> Kovarik, 2013	New sp.	Thailand		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus palani</i> Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024	New sp.	India		Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.
<i>Isometrus sankeriensis</i> Tikander & Bastawade, 1983	New status		Restored to species status.	Sulakhe S, Deshpande S, Gowande G, Dandekar N, Ketkar M. Arboreal gems: resurrection of <i>Isometrus sankeriensis</i> Tikader & Bastwade, 1983 and descriptions of two new species of <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) from the Western Ghats, India. <i>European Journal of Taxonomy</i> . 2022;811:1-50.

	Synonymization		Synonymized with <i>Isometrus thurstoni</i> Pocock, 1893 in 2003, but I've missed this until January 2010.	Kovarik F. A review of the genus <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with descriptions of four new species from Asia and Australia. <i>Euscorpius</i> . 2003;10:1-19.
<i>Isometrus tamhini</i> Sulakhe, Dandekar, Padhye & Bastawade, 2020	New sp.	India		Sulakhe S, Dandekar N, Padhye A, Bastawade D. Two new cryptic species of <i>Isometrus</i> (Scorpiones: Buthidae) from the northern Western Ghats, India. <i>Euscorpius</i> . 2020(305):1-24.
<i>Isometrus thenmala</i> Deshpande, Gowande, Dandekar, Joshi, Bastawade & Sulakhe, 2024	New sp.	India		Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.
<i>Isometrus tibetanus</i> Lourenco & Zhu, 2008	New sp.	China		Lourenco WR, Zhu M-S. A new species of the genus <i>Isometrus</i> Ehrenberg 1828 from China (Scorpiones, Buthidae). <i>Acta Zootaxonomica Sinica</i> . 2008;33(2):264-71.
<i>Isometrus wayanadensis</i> Sulakhe, Deshpande, Gowande, Dandekar & Ketkar,	New sp.	India		Sulakhe S, Deshpande S, Gowande G, Dandekar N, Ketkar M. Arboreal gems:

2022				resurrection of <i>Isometrus sankeriensis</i> Tikader & Bastwade, 1983 and descriptions of two new species of <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) from the Western Ghats, India. <i>European Journal of Taxonomy</i> . 2022;811:1-50.
<i>Jaguajir</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New genus	North and northeastern South America		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i> ). <i>Bulletin of the American Museum of Natural History</i> . 2017(415):1-134.
<i>Jaguajir agamemmon</i> (C. L. Koch, 1839)	New comb.		Previous <i>Rhopalurus agamemmon</i> C. L. Koch, 1839.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae:

				Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Jaguajir pinto</i> (Mello-Leitão, 1932)	New comb.		Previous <i>Rhopalurus pinto</i> Mello-Leitão, 1932.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Jaguajir rochae</i> (Borelli, 1910)	New comb.		Previous <i>Rhopalurus rochae</i> Borelli, 1910.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Janalychas</i> Kovarik, 2019	New gen.		A new genus with species previously included in <i>Lychas</i> C.L. Koch, 1845.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and



				Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.
<i>Janalychas granulatus</i> Mirza, 2020	New sp.	India		Mirza ZA. Two new species of buthid scorpion of the genus <i>Janalychas</i> Kovařík, 2019 (Arachnida: Scorpiones: Buthidae) from the Western Ghats, India. Arachnology. 2020;18(4):316–24.
<i>Janalychas keralaensis</i> Mirza, 2020	New sp.	India		Mirza ZA. Two new species of buthid scorpion of the genus <i>Janalychas</i> Kovařík, 2019 (Arachnida: Scorpiones: Buthidae) from the Western Ghats, India. Arachnology. 2020;18(4):316–24.
<i>Janalychas albimanus</i> (Henderson, 1919) <i>Janalychas farkasi</i> (Kovarik, 1997) <i>Janalychas heurtaultae</i> (Kovařík, 1997) <i>Janalychas laevifrons</i> (Pocock, 1897) <i>Janalychas shoplandi</i> (Oates, 1888) <i>Janalychas srilankensis</i> (Lorenco, 1997) <i>Janalychas tricarinatus</i> (Simon, 1884)	New comb.		All species previously included in <i>Lychas</i> C.L. Koch, 1845.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.

<i>Lanzatus huluul</i> Kovarik & Lowe, 2021	New sp.	Somaliland		Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXVII. <i>Lanzatus huluul</i> sp. n. from Somaliland (Buthidae). <i>Euscorpius</i> . 2021(344):1-12.
<i>Langxie</i> Tang, Jia & Liu, 2023	New genus	China		Tang V, Jia Q, Liu L. A new monotypic genus and species from China, <i>Langxie feti</i> gen. et sp. n. (Scorpiones: Buthidae). <i>Euscorpius</i> . 2023(370):1-101.
<i>Langxie feti</i> Tang, Jia & Liu, 2023	New sp.	China		Tang V, Jia Q, Liu L. A new monotypic genus and species from China, <i>Langxie feti</i> gen. et sp. n. (Scorpiones: Buthidae). <i>Euscorpius</i> . 2023(370):1-101.
<i>Lanzatus somalilandus</i> Kovarik, Lowe & Stahlavsky, 2016	New sp.	Somaliland		Kovarik F, Lowe G, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part IX. <i>Lanzatus</i> , <i>Orthochirus</i> , and <i>Somalicharmus</i> (Buthidae), with Description of <i>Lanzatus somalilandus</i> sp. n. and <i>Orthochirus afar</i> sp. n. <i>Euscorpius</i> . 2016(232):1-38.
<i>Leiurus abduallahbayrami</i> Yagmur, koc & Kunt, 2009	New sp.	Turkey		Yagmur EA, Koc H, Kunt KB. Description of a new species of <i>Leiurus</i> Ehrenberg, 1828 (SCorpiones: Buthidae) from Southeastern Turkey. <i>Euscorpius</i> . 2009; (85):1-20.
<i>Leiurus aegyptiacus</i> Lourenco	New sp.	Egypt		Lourenco WR, El-Hennawy HK.

& El-Hennaway, 2021				New considerations on the <i>Leiurus</i> Ehrenberg (Scorpiones: Buthidae) distributed in Africa and description of a particular species from Egypt. <i>Serket</i> . 2021;17(4):325-34.
<i>Leiurus arabicus</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Saudi Arabia		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus brachycentrus</i> (Ehrenberg, 1829)	New status	Saudi Arabia & Yemen	Restored from synonymy.	Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus dekeyseri</i> Lourenco, 2020	New sp.	Mauritania		Lourenco WR. Why does the number of dangerous species of scorpions increase? The particular case of the genus <i>Leiurus</i> Ehrenberg (Buthidae) in Africa. <i>J Venom Anim Toxins Incl Trop Dis</i> . 2020;26:e20200041
<i>Leiurus gubanensis</i> Kovarik & Lowe, 2020	New sp.	Somaliland		Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXIV. <i>Leiurus</i> (Buthidae), with

				description of <i>Leiurus gubanensis</i> sp. n. <i>Euscorpius</i> . 2020(309):1-19.
<i>Leiurus hadb</i> Al-Qahtni, Al-Salem, Alqahtani & Badry, 2023	New sp.	Saudi Arabia		Al-Qahtni AH, Al-Salem AM, Mesfer F, Al Balawi MS, Allahyani WS, Alqahtani AR, Badry A. A new species and a key to the genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones, Buthidae) from Saudi Arabia. <i>ZooKeys</i> . 2023(1178):293–312.
<i>Leiurus haenggii</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Saudi Arabia, Oman & Yemen		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus heberti</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Oman		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus hebraeus</i> (Birula, 1908)	New status		Elevated to species status. Previous status: <i>Leiurus quinquestriatus hebraeus</i> (Birula, 1908)	Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.

<i>Leiurus hoggarensis</i> Lourenco, Kourim & Sadine, 2018	New sp.	Algerie		Lourenco WR, Kourim ML, Sadine SE. Scorpions from the region of Tamanrasset, Algeria. Part II. A new African species of the genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2018;4(16):3-14.
<i>Leiurus kuwaiti</i> Lourenco, 2020	New sp.	Kuwait		Lourenco WR. First record and description of a new species of <i>Leiurus</i> Ehrenberg from Kuwait (Scorpiones: Buthidae). <i>Serket</i> . 2020;17(2):143-9.
<i>Leiurus macroctenus</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Oman		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus maculatus</i> Lourenco, 2022	New sp.	Iraq		Lourenco WR. A new subgenus and species of <i>Leiurus</i> Ehrenberg, 1828 from Iraq (Scorpiones: Buthidae). <i>Serket</i> . 18(4):421-7.
<i>Leiurus nasheri</i> Kovarik, 2007	Synonymization		Synonymized with <i>L. brachycentrus</i> Lowe, Yagmur & Kovarik, 2014.	Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula.

	New sp.	Yemen		Euscorpius. 2014 (191):1-129.  Kovarik F. <i>Leiurus nasheri</i> sp. nov. from Yemen (Scorpiones, Buthidae). Acta Soc Bohem. 2007;71:137-41
<i>Leiurus nigerianus</i> Lourenco, 2021	New sp.	Nigeria		Lourenco WR. A new species of <i>Leiurus</i> Ehrenberg (Scorpiones: Buthidae) from Nigeria, with extension of the distribution range of the genus to the Southwestern portion of the African continent. Serket. 2021;18(1):1-10.
<i>Leiurus nigellus</i> Abu Afifeh, Aloufi & Al-Saraireh, 2023	New sp.	Saudi Arabia		Afifeh BA, Aloufi A, Al-Saraireh M, Badry A, Al-Qahtni AH, Amr ZS. A new remarkable species of <i>Leiurus</i> Ehrenberg, 1828 from Saudi Arabia (Scorpiones: Buthidae). Ecol Mont. 2023(69):91-106.
<i>Leiurus saharicus</i> Lourenco, 2020	New sp.	Mali		Lourenco WR. A remarkable new species of <i>Leiurus</i> Ehrenberg, 1828 from the north deserts of Mali (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2020(37):147-52.
<i>Leiurus sinai</i> Badry, Saleh, Lourenco & Ythier	New sp.	Egypt		Badry A, Salehi M, Sarhan MMH, Youness M, Lourenco WR, Ythier E. A new species of <i>Leiurus</i> Ehrenberg (Scorpiones: Buthidae) from Sinai, Egypt and

				comments on its relationships with <i>L. quinquestriatus</i> and <i>L. hebraeus</i> using morphological and molecular evidence. <i>Faunitaxys</i> . 2023;11(54):1-10.
<i>Leiurus tamajeq</i> Lourenco & Ythier, 2024	New sp.	Mali		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XXXII. <i>Barbaracurus hofereki</i> sp. n. from Djibouti. <i>Euscorpius</i> . 2024(387):1-12.
<i>Lissothus chaambi</i> Lourenco & Sadine, 2014	New sp.	Algeria		Lourenço WR, Sadine SE. A new species of the rare buthid scorpion genus <i>Lissothus</i> Vachon, 1948 from Central Algeria (Scorpiones, Buthidae). <i>Comptes Rendus Biologies</i> . 2014;337(6):416-22.
<i>Lychas aberlenci</i> Lourenco, 2013	New sp.	Laos		Lourenco WR. Scorpions from the rainforest canopy of Laos, with the description of a new species of <i>Lychas</i> C. L. Koch, 1845 (Scorpiones: Buthidae). <i>Arthropoda Selecta</i> . redd
<i>Lychas armasi</i> Kovarik, 2013	New sp.	Papua New Guinea		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion

				Productions; 2013. p. 145-212.
<i>Lychas armillatus</i> (Gervais, 1841)	New status	Philippines	Restored from synonymy with <i>Lychas mucronatus</i> (Fabricius, 1798).	Lourenco WR. Redécouverte du type de <i>Scorpio armillatus</i> Gervais, 1841 = <i>Lychas armillatus</i> (Gervais) (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2013 (23):117-8.
<i>Lychas brehieri</i> Lourenco, 2017	New sp.	Myanmar		Lourenco WR. Comments on the genus <i>Lychas</i> C. L. Koch, 1845; proposition of a neotype for <i>Lychas scutulus</i> C. L. Koch, 1845 and a description of a new species from caves in north Myanmar (Scorpiones: Buthidae). Arachnida - Rivista Aracnologica Italiana. 2017;14:36-51.
<i>Lychas ceylonensis</i> Lourenco & Huber, 1999	Synonymization		Synonymized with <i>L. srilankensis</i> Lourenco, 1997	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Lychas cernickai</i> Kovarik, 2013	New sp.	Laos		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> ,



				Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Lychas chanthaburiensis</i> Ythier & Lourenco, 2022	New sp.	Thailand		Ythier E, Lourenco WR. A new species of Lychas C. L. Koch, 1845 from Thailand (Scorpiones: Buthidae). Faunitaxys. 2022;10(26):1-7.
<i>Lychas eliseanneae</i> Lourenco, 2011	Synonymization		Synonymized with <i>L. shelfordi</i> (Borelli, 1904)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
	New sp.	Indonesia		Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletin de la SEA. 2011(48):105-13.
<i>Lychas feae</i> (Thorell, 1889)	Synonymization		Synonymized with <i>L. shoplandi</i> (Oates, 1888)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion

				Productions; 2013. p. 145-212.
<i>Lychas inexpectatus</i> Lourenco, 2011	New sp.	Laos		Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletin de la SEA. 2011(48):105-13.
<i>Lychas infuscatus</i> (Pocock, 1891)	Synonymization	Philippines	Synonymized with <i>Lychas armillatus</i> Gervais, 1841.	Lourenco WR. Redécouverte du type de <i>Scorpio armillatus</i> Gervais, 1841 = <i>Lychas armillatus</i> (Gervais) (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2013 (23):117-8.
<i>Lychas jakli</i> Kovarik, 2023	New sp.	Indonesia		Kovarik F. <i>Lychas jakli</i> sp. n. (Scorpiones: Buthidae) from Indonesia. Euscorpius. 2023(367):1-8.
<i>Lychas kaimana</i> Lourenco, 2011	<i>Nomen dubium</i>		Still listed in the species list of The Scorpion Files until further status updates.	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
	New sp.	West papua, Indonesia		Lourenco WR. Scorpions from West Papua, Indonesia and description of a new species of <i>Lychas</i> C. L. Koch, 1845 (Scorpiones: Buthidae). Entomol

				Mitt Zool Mus Hamburg. 2011;15(186):317-26.
<i>Lychas kotao</i> Lourenco, 2020	Synonymization		Synonymized with <i>Lychas mucronatus</i> (Fabricius, 1798).	Kovarik F. <i>Lychas jakli</i> sp. n. (Scorpiones: Buthidae) from Indonesia. <i>Euscorpius</i> . 2023(367):1-8.
	New sp.	Thailand	Not blogged as I learned about this species in 2022.	Lourenço WR. A New species of <i>Lychas</i> c. L. Koch, 1845 from ko tao island, Thailand (Scorpiones: Buthidae). <i>Revista bérica de Aracnología</i> . 2020(36):59-64.
<i>Lychas santoensis</i> Lourenco, 2009	New sp.	Espiritu Santo (Vanuatu)		Lourenco WR. Scorpions collected in the island of Espiritu Santo (Vanuatu) and description of a new species of <i>Lychas</i> C. L. Koch (Arachnida, Scorpiones, Buthidae). <i>Zoosystema</i> . 2009;31(3):731-40.
<i>Mesobuthus afghanus</i> (Pocock, 1889)	New status	Afghanistan, Iran, Turkmenistan	Previously a subspecies of <i>Mesobuthus eupeus</i> (C. L. Koch, 1839).	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Mesobuthus barszcewskii</i> (Birula, 1904)	New status		Previous status <i>Buthus eupeus barszcewskii</i> Birula, 1904a:	Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones:

				Buthidae). <i>Euscorpium</i> . 2022(348):1-188.
<i>Mesobuthus birulai</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Iran		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpium</i> . 2022(348):1-188.
<i>Mesobuthus bogdoensis</i> (Birula, 1896)	New status	Kazhakstan, Russia	Previously a subspecies of <i>Mesobuthus eupeus</i> (C. L. Koch, 1839).	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpium</i> . 2019(288):1-27.
<i>Mesobuthus bolensis</i> Sun, Zhu & Lourenco, 2010	New comb.  New sp.	  China	Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpium</i> . 2019(288):1-27.  Sun D, Zhu M-S, Lourenco WR. A new species of <i>Mesobuthus</i> (Scorpiones: Buthidae) from Xinjiang, China, with notes on <i>Mesobuthus songi</i> . <i>Journal of Arachnology</i> . 2010;38:35-43.
<i>Mesobuthus brutus</i> Fet,	New comb.		Transferred to genus <i>Olivierus</i>	Kovarik F. Taxonomic

Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Iran	Farzanpay, 1987.	<p>reassessment of the genera Lychas, Mesobuthus, and Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.</p> <p>Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the Mesobuthus caucasicus Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.</p>
<i>Mesobuthus crucittii</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Iran		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus Mesobuthus Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). Euscorpius. 2022(348):1-188.
<i>Mesobuthus elenae</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New comb.		Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera Lychas, Mesobuthus, and Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.

	New sp.	Tajikistan, Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus faiki</i> Yagmur, Kovarik & Fet, 2024	New sp.	Turkey		Yagmur EA, Kovarik F, Fet V, Hussen FS, Kurt R, Al-Khazali AM, et al. New records of <i>Mesobuthus mesopotamicus</i> (Penther, 1912) in Iraq and <i>Mesobuthus faiki</i> sp. n. from Turkey (Scorpiones: Buthidae). <i>Euscorpius</i> . 2024(388):1-22.
<i>Mesobuthus fomichevi</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Tajikistan, Uzbekistan		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus farleyi</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Iran		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> .

				2022(348):1-188.
<i>Mesobuthus fuscus</i> (Birula, 1897)	New comb.			Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
	New status		Raised from synonymy. Previous name <i>Mesobuthus caucasicus fuscus</i> .	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus galinae</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Turkmenistan		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus gallianoi</i> Ythier, 2018	New comb.		Transferred to genus <i>Aegaeobuthus</i> Kovarik, 2019.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.

	New sp.	Crete (Greece)		Ythier E. A new species of <i>Mesobuthus</i> Vachon, 1950 (Scorpiones: Buthidae) from Crete (Greece). <i>Revista Iberica de Arachnologia</i> . 2018(32):87-92.
<i>Mesobuthus gorelovi</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New comb.		Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
	New sp.	Kazakhstan, Turkmenistan, Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus haarlovi</i> (Vachon, 1959)	New status	Afghanistan	Previously a subspecies of <i>Mesobuthus eupeus</i> (C. L. Koch, 1839).	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Mesobuthus hendersoni</i> (Pocock, 1900)	Synonymization		Synonymised with <i>Hottentotta rugiscutis</i> (Pocock, 1897)	Kovarik F. A revision of the genus <i>Hottentotta</i> Birula, 1908,





				Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus karshius</i>	New comb.		Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
	New sp.	China	ID key for species in China in paper.	Sun D, Sun Z-N. Notes on the genus <i>Mesobuthus</i> (Scorpiones: Buthidae) in China, with description of a new species. <i>J Arachnol</i> . 2011;39(1):59-75.
<i>Mesobuthus kaznakovi</i> (Birula, 1904)	New comb.		Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
	New status		Raised from synonymy. Previous name <i>Mesobuthus caucasicus kaznakovi</i> .	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus kirmanensis</i>	New status		Previous status <i>Buthus eupeus</i>	Kovarik F, Fet V, Gantenbein B,

(Birula, 1900)			<i>kirmanensis</i> Birula, 1900.	Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus kreuzbergi</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Tajikistan, Uzbekistan	Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.  Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus longichelus</i> Sun & Zhu, 2010	New comb.  New sp.	  China	Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.  Sun D, Zhu MS. A new species

				of the genus <i>Mesobuthus</i> Vachon, 1950 (Scorpiones, Buthidae) from Xinjiang, China. <i>ZooKeys</i> . 2010;37:1-12.
<i>Mesobuthus marusiki</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Uzbekistan		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus mesopotamicus</i> (Penther, 1912)	New status		Previous status <i>Buthus eupaeus</i> [Sic] <i>mesopotamicus</i> Penther, 1912	Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus mirshamsii</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Iran		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus mischi</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New comb.		Transferred to genus <i>Olivierus</i> Farzanpay, 1987.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of

	New sp.	Afghanistan		four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.  Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the Mesobuthus caucasicus Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus mongolicus</i> (Birula, 1912)	New status	China, Mongolia	Previously a subspecies of <i>Mesobuthus eupeus</i> (C. L. Koch, 1839).	Kovarik F. Taxonomic reassessment of the genera Lychas, Mesobuthus, and Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.
<i>Mesobuthus navidpouri</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Iran		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus Mesobuthus Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). Euscorpius. 2022(348):1-188.
<i>Mesobuthus nenilini</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the Mesobuthus caucasicus Complex from Central Asia, with Descriptions

				of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus parthorum</i> (Pocock, 1889)	New status		Transferred to genus <i>Olivierus</i> Farzanpay, 1987.  Raised from synonymy. Previous name <i>Mesobuthus caucasicus parthorum</i> .	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.  Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus persicus</i> (Pocock, 1899)	New status	Iran	Previously a subspecies of <i>Mesobuthus eupeus</i> (C. L. Koch, 1839).	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.
<i>Mesobuthus philippovitschi</i> (Birula, 1905)	New status		Previous status <i>Buthus eupeus philippovitschi</i> Birula, 1905.	Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones:

				Buthidae). <i>Euscorpilus</i> . 2022(348):1-188.
<i>Mesobuthus phillipsi</i> (Pocock, 1889)	New status	Iran	Raised from subspecies. Previous name <i>Mesobuthus eupeus phillipsi</i> (Pocock, 1889)	Mirshamsi O, Sari A, Elahi E, Hosseinie S. <i>Mesobuthus eupeus</i> (Scorpiones: Buthidae) from Iran: A polytypic species complex. <i>Zootaxa</i> . 2011(2929):1-21.
<i>Mesobuthus rakhshanii</i> Barahoei, 2023	New sp.	Iran	Been informed that this species should be dated 2023 even though the article is dated 2022.	Barahoei H. Fauna of Sistan Scorpions (Arachnida: Scorpiones), Southeast Iran. <i>Taxonomy and Biosystematics</i> . 2022;14(3):27-70.
<i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005	New combination		Transferred to <i>Hottentotta</i> (as <i>Hottentotta songi</i> (Lourenco, Qi & Zhu, 2005)).  This decision was published almost simultaneously by two papers.	Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the generic position of <i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpilus</i> . 2010:1-8.  Sun D, Zhu M-S, Lourenco WR. A new species of <i>Mesobuthus</i> (Scorpiones: Buthidae) from Xinjiang, China, with notes on <i>Mesobuthus songi</i> . <i>Journal of Arachnology</i> . 2010;38:35-43.
<i>Mesobuthus rahsenae</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Turkey		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14

				new species (Scorpiones: Buthidae). Euscorpius. 2022(348):1-188.
<i>Mesobuthus thersites</i> (C. L. Koch, 1839)	New status	?China, Iran, Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan, Uzbekistan	Previously a subspecies of <i>Mesobuthus eupeus</i> (C. L. Koch, 1839).	Kovarik F. Taxonomic reassessment of the genera Lychas, Mesobuthus, and Olivierus, with descriptions of four new genera (Scorpiones: Buthidae). Euscorpius. 2019(288):1-27.
<i>Mesobuthus turcicus</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Turkey		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus Mesobuthus Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). Euscorpius. 2022(348):1-188.
<i>Mesobuthus vignolii</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Nouvruzov, 2022	New sp.	Iran		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus Mesobuthus Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). Euscorpius. 2022(348):1-188.
<i>Mesobuthus yagmuri</i> Kovarik & Fet, 2022	New sp.	Turkey		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus Mesobuthus Vachon, 1950, with a description of 14 new species (Scorpiones:



				Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Mesobuthus zarudnyi</i>	New sp.	Azerbaijan		Novruzov NE, Kovarik F, Fet V. <i>Mesobuthus zarudnyi</i> sp. n. from Azerbaijan (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(347):1-9.
<i>Mesobuthus zonsteini</i> Kovarik, Fet, Gantenbein, Graham, Yagmur, Stahlavsky, Poverenni & Novruzov, 2022	New sp.	Uzbekistan		Kovarik F, Fet V, Gantenbein B, Graham MR, Yagmur EA, Stahlavsky F, et al. A revision of the genus <i>Mesobuthus</i> Vachon, 1950, with a description of 14 new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(348):1-188.
<i>Microananteris</i> Lourenco, 2003	New status		Returned to genus status.	Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. <i>Boletin de la SEA</i> . 2011(48):105-13.
	Synonymization		Synonymized with <i>Ananteris</i> Thorell, 1891	Botero-Trujillo R, Noriega JA. On the identity of <i>Microananteris</i> , with a discussion on pectinal morphology, and description of a new <i>Ananteris</i> from Brazil (Scorpiones, Buthidae). <i>Zootaxa</i> . 2011(2747):37-52.
<i>Microananteris abounami</i> Lourenco & Chevalier, 2022	New sp.	French Guiana		Lourenço W, Chevalier J. A further new species of the genus

				Microananteris Lourenço, 2003, from French Guiana (Scorpiones, Buthidae). Bulletin de la Société entomologique de France. 2022;127:91-9.
<i>Microananteris inselberg</i> Lourenco, 2021	New sp.	French Guiana		Lourenço WR. The genus Microananteris Lourenço, 2003 in French Guiana (Scorpiones: Buthidae). Zoosystema. 2021;43(20):377-86.
<i>Microananteris minor</i> Lourenco, 2003	N. comb.  N. comb.		Returned to original name.  New combination: <i>Ananteris minor</i> (Lourenco, 2003)	Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletín de la SEA. 2011(48):105-13.  Botero-Trujillo R, Noriega JA. On the identity of Microananteris, with a discussion on pectinal morphology, and description of a new Ananteris from Brazil (Scorpiones, Buthidae). Zootaxa. 2011(2747):37-52.
<i>Microananteris serrulata</i> Lourenco, 2021	New sp.	French Guiana		Lourenço WR. The genus Microananteris Lourenço, 2003 in French Guiana (Scorpiones: Buthidae). Zoosystema. 2021;43(20):377-86.
<i>Microananteroides</i> Rossi & Lourenco, 2015	Synonymization		Synonymized with <i>Akentrobuthus</i> Lamoral, 1976	Kovarík F, Teruel R, Lowe G. <i>Microananteroides mariachiarae</i>

	New genus	Ghana		<p>Rossi et Lourenço, 2015 is a Junior Synonym of <i>Akentrobuthus atakora</i> Vignoli et Prendini, 2008 (Scorpiones: Buthidae). <i>Euscorpius</i>. 2017(246):1-7.</p> <p>Rossi A, Lourenco WR. New comments on the scorpions belonging to the 'Ananteris group' and description of a new genus and species from Ghana (Scorpiones: Buthidae). <i>Onychium</i>. 2015;11:3-9.</p>
<i>Microananteroides mariachiarae</i> Rossi & Lourenco, 2015	Synonymization		Synonymized with <i>Akentrobuthus atakora</i> Vignoli et Prendini, 2008	<p>Kovarik F, Teruel R, Lowe G. <i>Microananteroides mariachiarae</i> Rossi et Lourenço, 2015 is a Junior Synonym of <i>Akentrobuthus atakora</i> Vignoli et Prendini, 2008 (Scorpiones: Buthidae). <i>Euscorpius</i>. 2017(246):1-7.</p> <p>Rossi A, Lourenco WR. New comments on the scorpions belonging to the 'Ananteris group' and description of a new genus and species from Ghana (Scorpiones: Buthidae). <i>Onychium</i>. 2015;11:3-9.</p>
	New sp.	Ghana		
<i>Microbuthus gardneri</i> Lowe, 2010	New sp.	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae)

				from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Microbuthus kristensensorum</i> Lowe, 2010	New sp.	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Microbuthus pusillus</i> Kraepelin, 1898	Synonymization		Synonymized with <i>M. litoralis</i> (Pavesi, 1885)	Lourenco WR. The genus <i>Microbuthus</i> Kraepelin, 1898 in North Africa and redescription of <i>Microbuthus litoralis</i> (Pavesi, 1885) (Scorpiones: Buthidae). <i>Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg</i> . 2011;15(186):327-33.
<i>Microbuthus saharicus</i> Lourenco, 2023	New sp.	Mauritania		Lourenco WR. The remarkable micro-scorpion genus <i>Microbuthus</i> Kraepelin, 1898 in North Africa; description of a new species with comments on its biogeography and ecology (Scorpiones: Buthidae). <i>Serket</i> . 2023;20(1):1-10.
Microcharmidae	New status		Family synonymised with Buthidae. All genera and species transferred to Buthidae.  Family resurrected and related taxa transferred back to Microcharmidae.	Lowe G, Kovarik F. Reanalysis of <i>Teruelius</i> and <i>Grosphus</i> (Scorpiones: Buthidae) with descriptions of two new species. <i>Euscorpius</i> . 2022(356):1-105.  Lourenco WR, Waeber PO, Wilme L. Additions to the geographical distribution of the Malagasy family

	New status Synonymization		Family synonymised with Buthidae. All genera and species transferred to Buthidae.	Microcharmidae Lourenço 1996 (Scorpiones: Buthoidea) and description of three new species of <i>Microcharmus</i> Lourenço, 1995. Madagascar Conservation & Development. 2019;14(1):IN PRESS.  Volschenk ES, Mattoni CI, Prendini L. Comparative anatomy of the mesosomal organs of scorpions (Chelicerata, Scorpiones), with implications for the phylogeny of the order. Zoological Journal of the Linnean Society. 2008;154(4):651-75.
<i>Microbuthus satyrus</i> Lowe, Kovarik, Stockmann & Stahlavsky, 2018	New sp.	Oman, Yemen		
<i>Microtityus adriki</i> Moreno-Gonzalez, Bertani & Carvalho, 2024	New sp.	Brazil		Moreno-González JA, Bertani R, Carvahlo LS. On one of the smallest Amazonian scorpions: a new species of <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones, Buthidae) from Brazil, with amended diagnosis and potential distribution analysis for the genus. Zoosystema. 2024;46(10):245-68.

<i>Microtityus barahona</i> Armas & Teruel, 2012	New sp.	Dominican Republic		de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012 (21):69-88.
<i>Microtityus bivictorum</i> Botero-Trujillo, Erazo-Moreno & Perez, 2009	New sp.	Colombia		Botero-Trujillo R, Erazo-Moreno MC, Perez GA. A new species of <i>Microtityus</i> Kjellesvig-Waering (Scorpiones: Buthidae) from northern Colombia. Zootaxa. 2009; (2120):27-38.
<i>Microtityus borincanus</i> Teruel, Rivera & Sanchez, 2014	New sp.	Puerto Rico		Teruel R, Rivera MJ, Sanchez AJ. First record of the genus <i>Microtityus</i> Kjellesvig-Waering, 1966, from Puerto Rico, with description of two new species (Scorpiones: Buthidae). Euscorpius. 2014 (180):1-11.
<i>Microtityus eustatia</i> Armas, 2018	New sp.	British Virgin Islands		de Armas LF. A New Species of <i>Microtityus</i> from the British Virgin Islands, West Indies, and New Localities for Other Scorpions (Scorpiones: Buthidae, Scorpionidae). Euscorpius. 2018(264):1-10.
<i>Microtityus flavescens</i> Teruel, 2001	New status	Cuba	Previous status: <i>Microtityus fundorai flavescens</i> Teruel, 2001	Teruel R, Kovarik F. Scorpions of Cuba: Jakub Rolcik - Clarion Production; 2012 (page 98-101)
<i>Microtityus franckeri</i> Botero-	New Sp.	Colombia		Botero-Trujillo R, Noriega JA.

Trujillo & Noriega, 2008				First record of the scorpion genus <i>Microtityus</i> from Colombia, with the description of a new species (Scorpiones, Buthidae). Journal of Arachnology. 2008;36:259-66.
<i>Microtityus lourencoi</i> Armas & Teruel, 2012	New sp.	Dominican Republic		de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012 (21):69-88.
<i>Microtityus minimus</i> Kovarik & Teruel, 2014	New sp.	Dominican Republic		Kovarik F, Teruel R. Three New Scorpion Species from the Dominican Republic, Greater Antilles (Scorpiones: Buthidae, Scorpionidae). Euscorpius. 2014 (187):1-27.
<i>Microtityus pusillus</i> Teruel & Kovarik, 2012	New sp.	Cuba		Teruel R, Kovarik F. Scorpions of Cuba: Jakub Rolcik - Clarion Production; 2012 (page 108-112)
<i>Microtityus reini</i> Armas & Teruel, 2012	New sp.	Dominican Republic		de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012 (21):69-88.
<i>Microtityus prendinii</i> Armas & Teruel, 2012	New sp.	Dominican Republic		de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966

				(Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012 (21):69-88.
<i>Microtityus santosi</i> Teruel, Rivera & Sanchez, 2014	New sp.	Puerto Rico		Teruel R, Rivera MJ, Sanchez AJ. First record of the genus <i>Microtityus</i> Kjellesvig-Waering, 1966, from Puerto Rico, with description of two new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2014 (180):1-11.
<i>Microtityus solegladi</i> Armas & Teruel, 2012	New sp.	Dominican Republic		de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012 (21):69-88.
<i>Microtityus starri</i> Lourenço & Huber, 1999	New status		Restored to species status.	de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012(21):69-88.
	Synonymization		Synonymised with <i>M. rickyi</i> Kjellesvig-Waering, 1966 in 2001, but not registered by me until November 2009.	Prendini L. Further additions to the scorpion fauna of Trinidad and Tobago. <i>J Arachnol</i> . 2001;29:173-88.
<i>Microtityus vieques</i> Teruel, Rivera & Santos	New sp.	Island of Vieques, Puerto Rico.		Teruel R, Rivera MJ, Santos CJ. Two new scorpions from the



				Puerto Rican island of Vieques, Greater Antilles (Scorpiones: Buthidae). <i>Euscorpius</i> . 2015 (208):1-15
<i>Microtityus vulcanicus</i> Teruel, 2019	New sp.	Cuba		Teruel R. A New Semidesert <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) from Southeast Cuba, Greater Antilles. <i>Euscorpius</i> . 2019(273):1-15.
<i>Neobuthus amoudensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Ethiopia, Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neobuthus awashensis</i> Kovarik & Lowe, 2012	New sp.	Ethiopia		Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i> Pocock and <i>Neobuthus</i> Hirst (Scorpions, Buthidae) with the description of a new species of <i>Neobuthus</i> from Ethiopia. Ecology of Desert Environments. 2001:171-83.
<i>Neobuthus erigavoensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa

				(Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neobuthus eritreaensis</i> Lowe & Kovarik, 2016	New sp.	Eritrea		Lowe G, Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part V. Two New Species of <i>Neobuthus</i> Hirst, 1911 (Buthidae), from Ethiopia and Eritrea. <i>Euscorpius</i> . 2016(224):1-46.
<i>Neobuthus facterio</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neobuthus ferrugineus</i> (Kraepelin, 1898)	New combination	Djibouti, Ethiopia, Somaliland, Somalia	Previous status <i>Butheolus ferrugineus</i> Kraepelin, 1898	Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i> Pocock and <i>Neobuthus</i> Hirst (Scorpions, Buthidae) with the description of a new species of <i>Neobuthus</i> from Ethiopia. <i>Ecology of Desert</i>

				Environments. 2001:171-83.
<i>Neobuthus fryntai</i> Kovarik, Elmi & Frydlova, 2023	New sp.	Somaliland		Kovarik F, Elmi HSA, Frydlova P. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXIX. A new species of <i>Neobuthus</i> from Somaliland (Buthidae). Acta Societatis Zoologicae Bohemicae. 2023;86:59-69.
<i>Neobuthus gubanensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus haeckeli</i> Kovarik, 2019	New sp.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XXII. Two new species of <i>Neobuthus</i> from Somaliland (Buthidae). Euscorpius. 2019(294):1-16.
<i>Neobuthus kloppersi</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Kenya		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia,

				Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus kutcheri</i> Lowe & Kovarik, 2016	New sp.	Ethiopia		Lowe G, Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part V. Two New Species of Neobuthus Hirst, 1911 (Buthidae), from Ethiopia and Eritrea. Euscorpius. 2016(224):1-46.
<i>Neobuthus maidensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of Neobuthus, with Description of Seven NewSpecies from Ethiopia, Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus montanus</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Ethiopia, Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of Neobuthus, with Description of Seven NewSpecies from Ethiopia, Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus solegladi</i> Kovarik, 2019	New sp.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida,

				Scorpiones). Part XXII. Two new species of Neobuthus from Somaliland (Buthidae). <i>Euscorpius</i> . 2019(294):1-16.
<i>Neogrosphus andrafiabe</i> Lourenco, Wilme & Waeber, 2015	New sp.	Madagascar		Lourenco WR, Wilme L, Waeber PO. More about the geographical distribution of the Malagasy genus <i>Neogrosphus</i> Lourenco, 1995 (Scorpiones: Buthidae) and description of a vicariant new species. <i>C R Biol</i> . 2015 Sep 1.
<i>Neoprotobuthus</i> Lourenço, 2000* <i>N. intermedius</i> Lourenço, 2000*	Transferred to new family		Genus and species transferred from Microcharmidae (synonymised with Buthidae) to Buthidae.	Volschenk ES, Mattoni CI, Prendini L. Comparative anatomy of the mesosomal organs of scorpions (Chelicerata, Scorpiones), with implications for the phylogeny of the order. <i>Zoological Journal of the Linnean Society</i> . 2008;154(4):651-75.
<i>Odontobuthus atherii</i> (Amir & Kamaluddin, 2008)	New comb.		Previously <i>Isometrus atherii</i> Amir & Kamaluddin, 2008	Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus Ehrenberg, 1828</i> (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.

<i>Odontobuthus baluchicus</i> Barahoei, Prendini, Navidpour, Tahir, Aliabadian & Siahsarvie, 2021	New sp.	Iran		Barahoei H, Prendini L, Navidpour S, Tahir HM, Aliabadian M, Siahsarvie R, et al. Integrative systematics of the tooth-tailed scorpions, Odontobuthus (Buthidae), with descriptions of three new species from the Iranian Plateau. Zoological Journal of the Linnean Society. 2021;20:1-44.
<i>Odontobuthus bidentatus</i> Lourenco & Pezier, 2002	New sp.	Iraq	This species was described in 2002, but not included in The Scorpion Files until April 2009 because I did not know about this paper until now.	Lourenco WR, Pezier A. Taxonomic consideration of the genus Odontobuthus Vachon (Scorpiones, Buthidae), with description of a new species. Revue Suisse de Zoologie. 2002;109 (1):115-25.
<i>Odontobuthus brevidigitus</i> Lowe, 2010	New sp.	Oman, United Arab Emirates	Paper has ID key for genus.	Lowe G. A new species of Odontobuthus (Scorpiones: Buthidae) from northern Oman. Euscorpius. 2010(96):1-22.
<i>Odontobuthus chabaharensis</i> Barahoei, Prendini, Navidpour, Tahir, Aliabadian & Siahsarvie, 2021	New sp.	Iran		Barahoei H, Prendini L, Navidpour S, Tahir HM, Aliabadian M, Siahsarvie R, et al. Integrative systematics of the tooth-tailed scorpions, Odontobuthus (Buthidae), with descriptions of three new species from the Iranian Plateau. Zoological Journal of the Linnean Society. 2021;20:1-44.
<i>Odontobuthus kermanus</i>	New sp.	Iran		Barahoei H, Prendini L,

Barahoei, Prendini, Navidpour, Tahir, Aliabadian & Siahsarvie, 2021				Navidpour S, Tahir HM, Aliabadian M, Siahsarvie R, et al. Integrative systematics of the tooth-tailed scorpions, <i>Odontobuthus</i> (Buthidae), with descriptions of three new species from the Iranian Plateau. <i>Zoological Journal of the Linnean Society</i> . 2021;20:1-44.
<i>Odontobuthus liaqatii</i> (Amir & Kamaluddin, 2008)	New comb.		Previously <i>Isometrus liaqatii</i> Amir & Kamaluddin, 2008	Deshpande S, Gowande G, Dandekar N, Joshi M, Bastawade D, Sulakhe S. A baffling case of morphological, molecular and ecological discordance in <i>Isometrus Ehrenberg, 1828</i> (Scorpiones: Buthidae) with the description of five new species from southern India. <i>Zoologischer Anzeiger</i> . 2024;308:71-98.
<i>Odontobuthus tavighiae</i> Navidpour, Soleglad, Fet & Kovarik, 2013	New sp.	Iran		Navidpour S, Soleglad ME, Fet V, Kovarik F. Scorpions of Iran (Arachnida, Scorpiones). Part IX. Hormozgan Province, with a description of <i>Odontobuthus tavighiae</i> sp. n. (Buthidae). <i>Euscorpius</i> . 2013 (170):1-29.
<i>Odontobuthus tirkari</i> Mirshamsi, Azghadi, Navidpour, Aliabadian & Kovarik, 2013	New sp.	Iran		Mirshamsi O, Azghadi S, Navidpour S, Aliabadian M, Kovařík F. <i>Odontobuthus tirkari</i> sp. Nov. (scorpiones, buthidae) from the eastern region of the

				iranian plateau. <i>Zootaxa</i> . 2013;3731(1):153-70.
<i>Olivierus</i> Farzanpay, 1987	New status		Raised from synonymy with <i>Mesobuthus</i> Vachon, 1950	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Olivierus bolensis</i> (Sun, Zhu & Lourenço, 2010) *	Synonymization		Synonymized with <i>Olivierus longichelus</i> (Sun & Zhu, 2010),	Tang V, Liu Z, Graham MR, Fet V, Kovařík F, Šťáhlavský F. Revision of the genus <i>Olivierus</i> in Xinjiang, China, with comments on <i>Mesobuthus thersites</i> (Scorpiones: Buthidae). <i>Euscorpius</i> . 2024;2024(383):1-58.
<i>Olivierus karshius</i> (Sun & Sun, 2011) *	Synonymization		Synonymized with <i>Olivierus longichelus</i> (Sun & Zhu, 2010),	Tang V, Liu Z, Graham MR, Fet V, Kovařík F, Šťáhlavský F. Revision of the genus <i>Olivierus</i> in Xinjiang, China, with comments on <i>Mesobuthus thersites</i> (Scorpiones: Buthidae). <i>Euscorpius</i> . 2024;2024(383):1-58.
<i>Olivierus bolensis</i> (Sun, Zhu & Lourenço, 2010)* <i>Olivierus brutus</i> (Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018)* <i>Olivierus caucasicus</i> (Nordmann, 1840)	New comb.		All species were previously in the genus with <i>Mesobuthus</i> Vachon, 1950.  Additional comments:  <i>Olivierus hainanensis</i> (Birula, 1904)	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.



<p><i>Olivierus elenae</i> (Fet, Kovarik, Gantenbein, Kaiser, Stewart &amp; Graham, 2018)*</p> <p><i>Olivierus extremus</i> (Werner, 1936)</p> <p><i>Olivierus fuscus</i> (Birula, 1897)*</p> <p><i>Olivierus gorelovi</i> (Fet, Kovarik, Gantenbein, Kaiser, Stewart &amp; Graham, 2018)*</p> <p><i>Olivierus hainanensis</i> (Birula, 1904)</p> <p><i>Olivierus intermedius</i> (Birula, 1897)*</p> <p><i>Olivierus karshius</i> (Sun &amp; Sun, 2011)*</p> <p><i>Olivierus kaznakovi</i> (Birula, 1904)*</p> <p><i>Olivierus kreuzbergi</i> (Fet, Kovarik, Gantenbein, Kaiser, Stewart &amp; Graham, 2018)*</p> <p><i>Olivierus longichelus</i> (Sun &amp; Zhu, 2010)*</p> <p><i>Olivierus martensii</i> (Karsch, 1879)</p> <p><i>Olivierus mischi</i> (Fet, Kovarik, Gantenbein, Kaiser, Stewart &amp; Graham, 2018)*</p> <p><i>Olivierus nenilini</i> (Fet, Kovarik, Gantenbein, Kaiser, Stewart &amp; Graham, 2018)*</p> <p><i>Olivierus parthorum</i> (Pocock,</p>			<p>has also a new status as it was previously in synonymy with <i>Mesobuthus</i> Vachon, 1950.</p> <p><i>Olivierus przewalskii</i> (Birula, 1897) is a new species in The Scorpion Files. Unknown why it was listed previously.</p>	
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	Synonymization		gneus.  Synonymized with <i>Orthochirus</i> Karsch, 1891. Species <i>O. insularis</i> (Pocock, 1899), <i>O. socotrensis</i> Kovarik, 2004 and <i>O. vachoni</i> Kovarik, 1998 transferred to <i>Orthochirus</i> .	with description of a new species (Scorpiones: Buthidae). Euscorpius. 2022(349):1-42.  Lourenco WR, Ythier E. A particular new species of <i>Orthochirus</i> Karsch, 1891 from Somalia (Scorpiones: Buthidae). Serket. 2021;17(4):335-49.
<i>Orthochiroides somalilandus</i> Kovarik & Lowe, 2022	New sp.	Somaliland		Kovarik F, Lowe G. Review of <i>Orthochiroides</i> Kovařík, 1998 with description of a new species (Scorpiones: Buthidae). Euscorpius. 2022(349):1-42.
<i>Orthochirus afar</i> Kovarik, Lowe & Stahlavsky, 2016	New sp.	Ethiopia		Kovarik F, Lowe G, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part IX. <i>Lanzatus</i> , <i>Orthochirus</i> , and <i>Somalicharmus</i> (Buthidae), with Description of <i>Lanzatus somalilandus</i> sp. n. and <i>Orthochirus afar</i> sp. n. Euscorpius. 2016(232):1-38.
<i>Orthochirus arabicus</i> Ythier & Lourenco, 2023	New sp.		Saudi Arabia	Ythier E, Lourenco WR. Two new scorpion species from Central Saudi Arabia (Scorpiones: Buthidae). Faunitaxys. 2023;11(8):1-8.
<i>Orthochirus arenicola</i>	New status		New status: Nomen dubium	Kovarik F, Lowe G. Scorpions

Lourenco & Ythier, 2021	New sp.	Somalia		of the Horn of Africa (Arachnida, Scorpiones). Part XXVIII. Scorpions of Djibouti. <i>Euscorpius</i> . 2022(357):1-31.  Lourenco WR, Ythier E. A particular new species of <i>Orthochirus</i> Karsch, 1891 from Somalia (Scorpiones: Buthidae). <i>Serket</i> . 2021;17(4):335-49.
<i>Orthochirus aristidis</i> (Simon, 1882)	Synonymization  New status  Synonymization		Synonymized with <i>Orthochirus olivaceus</i> (Karsch, 1881)  Restored from synonymy (see below).  Synonymized with <i>Orthochirus olivaceus</i> (Karsch, 1881)	Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XXVIII. Scorpions of Djibouti. <i>Euscorpius</i> . 2022(357):1-31.  Lourenco WR, Ythier E. A particular new species of <i>Orthochirus</i> Karsch, 1891 from Somalia (Scorpiones: Buthidae). <i>Serket</i> . 2021;17(4):335-49.  Sarhan M, Badry A, Younes M, Saleh M. Genetic diversity within <i>Leiurus quinquestriatus</i> (Scorpiones: Buthidae) populations in Egypt as inferred from 16S mtDNA sequence analysis. <i>Zoology in the Middle East</i> . 2020;66(3):269-76.
<i>Orthochirus atarensis</i> Lourenco & Leguin, 2011	New sp.	Mauritania		Lourenco WR, Leguin E-A. Further considerations on the

				species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(123):1-19.
<i>Orthochirus bastawadei</i> Zambre, Mirza, Sanap, Upadhye & Javed, 2011	New sp.	India		Zambre AM, Mirza ZA, Sanap RV, Upadhye R, Maqsood Javed SM. A new species of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Maharashtra, India. <i>Euscorpius</i> . 2011(107):1-12.
<i>Orthochirus birulai</i> Kovarik, Fet & Yagmur, 2020	New sp.	Pakistan		Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus blandini</i> (Lourenço & Vachon, 1997)	Synonymization		Synonymized with <i>Orthochirus fuscipes</i> (Pocock, 1900)	Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus borrii</i> Rossi, 2017	Synonymization		Synonymized with <i>O. afar</i> Kovařík & Lowe, 2016. NB! <i>O. borrii</i> was never registered in The Scorpion Files.	Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XXVIII. Scorpions of Djibouti.

				Euscorpius. 2022(357):1-31.
<i>Orthochirus carinatus</i> Navidpour, Kovarik, Soleglad & Fet, 2019	New sp.	Iran		Navidpour S, Kovarik F, Soleglad ME, Fet V. Scorpions of Iran (Arachnida, Scorpiones). Part X. Alborz, Markazi and Tehran Provinces with a Description of <i>Orthochirus</i> <i>carinatus</i> sp. n. (Buthidae). Euscorpius. 2019(276):1-20.
<i>Orthochirus</i> <i>cloudsleythompsoni</i> Lourenco & Leguin, 2011	New sp.	Morocco		Lourenco WR, Leguin E-A. Further considerations on the species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). Euscorpius. 2011(123):1-19.
<i>Orthochirus erardi</i> Lourenço & Vachon, 1997	Synonymization		Synonymized with <i>Orthochirus</i> <i>persa</i> (Birula, 1900)	Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O.</i> <i>persa</i> , <i>O. scrobiculosus</i> , and description of six new species. Euscorpius. 2020(318):1-78.
<i>Orthochirus fomichevi</i> Kovarik, Yagmur, Fet & Hussen, 2019	New sp.	Turkey and Iraq		Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). Euscorpius. 2019(278):1-31.

<i>Orthochirus formozovi</i> Kovarik, Fet & Yagmur, 2020	New sp.	Afghanistan, Iran, Tajikistan, Turkmenistan		Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus gantenbeini</i> Kovarik, Yagmur, Fet & Hussen, 2019	New sp.	Iran		Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(278):1-31.
<i>Orthochirus goyffoni</i> (Lourenco & Vachon, 1995)	Synonymization		Synonymized with <i>O. farzanpayi</i> (Vachon & Farzanpay, 1987).	Navidpour S, Soleglad ME, Fet V, Kovarik F. Scorpions of Iran (Arachnida, Scorpiones). Part IX. Hormozgan Province, with a description of <i>Odontobuthus tavighiae</i> sp. n. (Buthidae). <i>Euscorpius</i> . 2013 (170):1-29.
<i>Orthochirus grosseri</i> Kovarik, Fet & Yagmur, 2020	New sp.	Uzbekistan		Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus hormozganensis</i>	New sp.	Iran		Kovarik F, Navidpour S. Six

Kovarik & Navdipour, 2020				new species of <i>Orthochirus</i> Karsch, 1892 from Iran (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(312):1-42.
<i>Orthochirus insularis</i> Pocock, 189),	New comb.		Previous status: <i>Orthochiroides insularis</i> (Pocock, 1899)	Lourenco WR, Ythier E. A particular new species of <i>Orthochirus</i> Karsch, 1891 from Somalia (Scorpiones: Buthidae). <i>Serket</i> . 2021;17(4):335-49.
<i>Orthochirus katerinae</i> Kovarik & Just, 2022	New sp.	Saudi Arabia		Kovarik F, Just P. <i>Orthochirus katerinae</i> sp. n. (Scorpiones: Buthidae) from Saudi Arabia. <i>Euscorpius</i> . 2022(362):1-9.
<i>Orthochirus kasparki</i> (Lourenco & Huber, 2000)	New status		Synonymized with <i>Orthochirus glabrifrons</i> (Kraepelin, 1903)	Kovařík F, Yağmur EA, Ullrich A, Buzás B. The first record of <i>Orthochirus glabrifrons</i> (Kraepelin, 1903) (Scorpiones: Buthidae) from the United Arab Emirates. <i>Euscorpius</i> . 2023;2023(379):1-11.
<i>Orthochirus kermanensis</i> Kovarik & Navdipour, 2020	New sp.	Iran		Kovarik F, Navidpour S. Six new species of <i>Orthochirus</i> Karsch, 1892 from Iran (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(312):1-42.
<i>Orthochirus kinzelbachi</i> (Lourenco & Huber, 2000)	New status		Synonymized with <i>Orthochirus glabrifrons</i> (Kraepelin, 1903)	Kovařík F, Yağmur EA, Ullrich A, Buzás B. The first record of <i>Orthochirus glabrifrons</i> (Kraepelin, 1903) (Scorpiones: Buthidae) from the United Arab Emirates. <i>Euscorpius</i> . 2023;2023(379):1-11.



<i>Orthochirus kovariki</i> Yagmur & Khalili, 2022	New sp.	Afghanistan		Yagmur EA, Khalili F. <i>Orthochirus kovariki</i> sp. n. from Takhar Province, Afghanistan (Scorpiones: Buthidae). <i>Euscorpius</i> . 2022(352):1-16.
<i>Orthochirus krishnai</i> Tikader & Bastawade	Redescription	India	Species considered <i>Nomen dubium</i> by Kovarik, 2004, but male is described, and species status confirmed in present study.	Zambre AM, Bastawade DB. Description of male <i>Orthochirus krishnai</i> (Scorpiones: Buthidae) from India, with comments on its taxonomic status. <i>Journal of Threatened Taxa</i> . 2009;1(12):621-3.
<i>Orthochirus kryzhanovskyi</i> Kovarik, Fet & Yagmur, 2020	New sp.	Pakistan		Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus kucerai</i> Kovarik & Navdipour, 2020	New sp.	Iran		Kovarik F, Navdipour S. Six new species of <i>Orthochirus</i> Karsch, 1892 from Iran (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(312):1-42.
<i>Orthochirus maroccanus</i> Lourenco & Leguin, 2011	New sp.	Morocco		Lourenco WR, Leguin E-A. One more new species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(135):1-6.
<i>Orthochirus mashipouri</i> Kovarik & Navdipour, 2020	New sp.	Iran		Kovarik F, Navdipour S. Six new species of <i>Orthochirus</i>

				Karsch, 1892 from Iran (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(312):1-42.
<i>Orthochirus melanurus</i> (Kessler, 1874)	New status	Kazakhstan, Uzbekistan		Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus mesopotamicus</i> Birula, 1918	New status	Iran	Elevated to species status. Previous status: <i>Orthochirus scrobiculosus mesopotamicus</i> Birula, 1918.	Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(278):1-31.
<i>Orthochirus milloti</i> Lourenco, 2021	New sp.	Mali		Lourenço WR. The true status of the specimen belonging to the genus <i>Orthochirus</i> Karsch, 1891 (Scorpiones: Buthidae) from Aguelhok (Aguel'hoc), Mali. <i>Revista ibérica de arcnología</i> . 2021(38):99-102.
<i>Orthochirus minor</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones:

				Buthidae, Scorpionidae). Arthropoda Selecta. 2012;21(4):307-38.
<i>Orthochirus navidpouri</i> Kovarik, Yagmur, Fet & Hussen, 2019	New sp.	Iran		Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of Orthochirus from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). Euscorpius. 2019(278):1-31.
<i>Orthochirus nordmanni</i> Kovarik, Fet & Yagmur, 2020	New sp.	Afghanistan		Kovarik F, Fet V, Yagmur EA. Further review of Orthochirus Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O.</i> <i>persa</i> , <i>O. scrobiculosus</i> , and description of six new species. Euscorpius. 2020(318):1-78.
<i>Orthochirus olivaceus</i> (Karsch, 1881)	New status	Egypt, Sudan		Sarhan M, Badry A, Younes M, Saleh M. Genetic diversity within <i>Leiurus quinquestriatus</i> (Scorpiones: Buthidae) populations in Egypt as inferred from 16S mDNA sequence analysis. Zoology in the Middle East. 2020;66(3):269-76.
<i>Orthochirus persa</i> (Birula, 1900)	New status			Kovarik F, Fet V, Yagmur EA. Further review of Orthochirus Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O.</i>

				persa, <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus sejnai</i> Kovarik, Fet & Yagmur, 2020	New sp.	Iran		Kovarik F, Fet V, Yagmur EA. Further review of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Asia: taxonomic position of <i>O. melanurus</i> , <i>O. persa</i> , <i>O. scrobiculosus</i> , and description of six new species. <i>Euscorpius</i> . 2020(318):1-78.
<i>Orthochirus semnanensis</i> Kovarik & Navdipour, 2020	New sp.	Iran		Kovarik F, Navidpour S. Six new species of <i>Orthochirus</i> Karsch, 1892 from Iran (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(312):1-42.
<i>Orthochirus socotrensis</i> (Kovarik, 2004)	New comb.		Previous status: <i>socotrensis</i> Kovarik, 2004.	Lourenco WR, Ythier E. A particular new species of <i>Orthochirus</i> Karsch, 1891 from Somalia (Scorpiones: Buthidae). <i>Serket</i> . 2021;17(4):335-49.
<i>Orthochirus soufiensis</i> Lourenco & Sadine, 2021	New sp.	Algeria		Lourenco WR, Sadine SE. The genus <i>Orthochirus</i> Karsch, 1891, in Algeria with description of a new species (Scorpiones, Buthidae). <i>Bulletin de la Société entomologique de France</i> . 2021;126(2):175-81.
<i>Orthochirus tassili</i> Lourenco & Leguin, 2011	New sp.	Algeria		Lourenco WR, Leguin E-A. Further considerations on the species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa, with

				description of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(123):1-19.
<i>Orthichirus tibesti</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). <i>Arthropoda Selecta</i> . 2012;21(4):307-38.
<i>Orthochirus vachoni</i> (Kovarik, 1998)	New comb.		Previous status: <i>socotrensis vachoni</i> Kovarik, 1998.	Lourenco WR, Ythier E. A particular new species of <i>Orthochirus</i> Karsch, 1891 from Somalia (Scorpiones: Buthidae). <i>Serket</i> . 2021;17(4):335-49.
<i>Orthochirus vignolii</i> Kovarik & Navdipour, 2020	New sp.	Iran		Kovarik F, Navdipour S. Six new species of <i>Orthochirus</i> Karsch, 1892 from Iran (Scorpiones: Buthidae). <i>Euscorpius</i> . 2020(312):1-42.
<i>Pantobuthus</i> Lourenco & Duhem, 2009	New genus	Afghanistan		Lourenco WR, Duhem B. Saharo-Sindian buthid scorpions; description of two new genera and species from Occidental Sahara and Afghanistan. <i>ZooKeys</i> . 2009;14:37-54.
<i>Pantobuthus complicatus</i> Lourenco & Duhem, 2009	New sp.	Afghanistan		Lourenco WR, Duhem B. Saharo-Sindian buthid scorpions; description of two new genera and species from Occidental

				Sahara and Afghanistan. ZooKeys. 2009;14:37-54.
<i>Parabuthus abyssinicus</i> Pocock, 1901	New status	Eritrea, Djibouti, central and north- eastern parts of Ethiopia),	Previous status: <i>Parabuthus liosoma</i> <i>abyssinicus</i> Pocock, 1901	Kovarik F, Lowe G, Pliskova J, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part VII. Parabuthus Pocock, 1890 (Buthidae), with Description of P. hamar sp. n. and P. kajibu sp. n. from Ethiopia. Euscorpius. 2016(228):1-58.
<i>Parabuthus dorisae</i> Kovarik, Lowe, Elmi & Stahlavsky, 2024	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXX. Parabuthus (Buthidae) (Part III), with description of three new species from Somaliland and occurrence of Parabuthus eritreaensis Kovařík, 2003. Euscorpius. 2024(385):1-27.
<i>Parabuthus erigavoensis</i> Kovarik, Lowe, Elmi & Stahlavsky, 2019	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXI. Parabuthus (Buthidae) (Part II), with description of five new species from Somaliland and Ethiopia. Euscorpius. 2019(290):1-63.
<i>Parabuthus evae</i> Kovarik, Lowe, Elmi & Stahlavsky,	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the

2024				Horn of Africa (Arachnida: Scorpiones). Part XXX. Parabuthus (Buthidae) (Part III), with description of three new species from Somaliland and occurrence of Parabuthus eritreensis Kovařík, 2003. Euscorpius. 2024(385):1-27.
<i>Parabuthus glabrimanus</i> Prendini & Esposito, 2010	New sp.	Namibia		Prendini L, Esposito LA. A reanalysis of Parabuthus (Scorpiones: Buthidae) phylogeny with descriptions of two new Parabuthus species endemic to the Central Namib gravel plains, Namibia. Zoological Journal of the Linnean Society. 2010;159(3):673-710.
<i>Parabuthus hamar</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2016	New sp.	Ethiopia		Kovarik F, Lowe G, Pliskova J, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part VII. Parabuthus Pocock, 1890 (Buthidae), with Description of P. hamar sp. n. and P. kajibu sp. n. from Ethiopia. Euscorpius. 2016(228):1-58.
<i>Parabuthus kabateki</i> Kovarik, Lowe, Elmi & Stahlavsky, 2019	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXI. Parabuthus (Buthidae) (Part II),

				with description of five new species from Somaliland and Ethiopia. <i>Euscorpius</i> . 2019(290):1-63.
<i>Parabuthus kajibu</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2016	New sp.	Ethiopia		Kovarik F, Lowe G, Pliskova J, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part VII. <i>Parabuthus</i> Pocock, 1890 (Buthidae), with Description of <i>P. hamar</i> sp. n. and <i>P. kajibu</i> sp. n. from Ethiopia. <i>Euscorpius</i> . 2016(228):1-58.
<i>Parabuthus mazuchi</i> Kovarik, Lowe, Elmi & Stahlavsky, 2019	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXI. <i>Parabuthus</i> (Buthidae) (Part II), with description of five new species from Somaliland and Ethiopia. <i>Euscorpius</i> . 2019(290):1-63.
<i>Parabuthus quincyae</i> Kovarik, Lowe, Elmi & Stahlavsky, 2024	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXX. <i>Parabuthus</i> (Buthidae) (Part III), with description of three new species from Somaliland and occurrence of <i>Parabuthus eritreaensis</i> Kovařík, 2003. <i>Euscorpius</i> . 2024(385):1-27.



<i>Parabuthus robustus</i> Kovarik, Lowe, Elmi & Stahlavsky, 2019	New sp.	Ethiopia, Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXI. Parabuthus (Buthidae) (Part II), with description of five new species from Somaliland and Ethiopia. Euscorpius. 2019(290):1-63.
<i>Parabuthus setiventer</i> Prendini & Esposito, 2010	New sp.	Namibia		Prendini L, Esposito LA. A reanalysis of Parabuthus (Scorpiones: Buthidae) phylogeny with descriptions of two new Parabuthus species endemic to the Central Namib gravel plains, Namibia. Zoological Journal of the Linnean Society. 2010;159(3):673-710.
<i>Parabuthus somalilandus</i> Kovarik, Lowe, Elmi & Stahlavsky, 2019	New sp.	Somaliland		Kovarik F, Lowe G, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XXI. Parabuthus (Buthidae) (Part II), with description of five new species from Somaliland and Ethiopia. Euscorpius. 2019(290):1-63.
<i>Paraorthochirus</i>	Synonymized with <i>Orthochirus</i>		Species transferred to <i>Orthochirus</i> : <i>P. blandini</i> <i>P. glabrifrons</i> <i>P. goyffoni</i>	Navidpour S, Kovarik F, Soleglad ME, Fet V. Scorpion of Iran (Arachnida, Scorpiones). Part I. Khoozestan Province.

			<i>P. kaspareki</i> <i>P. kinzelbachi</i> <i>P. stockwelli</i>	Euscorpius. 2008(65):1-41.
<i>Physoctonus amazonicus</i> Lourenco, 2017	New sp.	Brazil		Lourenco WR. A new species of <i>Physoctonus</i> Mello-Leitão, 1934 from the 'Campos formations' of southern Amazonia (Scorpiones, Buthidae). ZooKeys. 2017;711.
<i>Physoctonus striatus</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New sp.	Brazil		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Trogloorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i> ). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Picobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Picobuthus dundoni</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Picobuthus wahibaensis</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius.

				2010(93):1-53.
<i>Psammobuthus</i> Birula, 1911	Synonymization		Synonymized with <i>Anomalobuthus</i> Kraepelin, 1900	Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Pseudouroplectes jacki</i> Lourenco, 2021	New sp.	Madagascar		Lourenco WR. A further new species for the Malagasy genus <i>Pseudouroplectes</i> Lourenço, 1995 (Scorpiones: Buthidae). <i>Faunitaxys</i> . 2021;9(41):1-7.
<i>Pseudouroplectes lalyae</i> Lourenco & Ythier, 2010	New sp.	Madagascar		Lourenco WR, Ythier E. Another new species of <i>Pseudouroplectes</i> Lourenco, 1995 from Madagascar (Scorpiones, Buthidae). <i>ZooKeys</i> . 2010;48:1-9.
<i>Pseudouroplectes tsingy</i> Lourenco, Wilme & Waeber	New sp.	Madagascar		Lourenco WR, Wilme L, Waeber PO. More about the geographical pattern of distribution of the genus <i>Pseudouroplectes</i> Lourenco, 1995 (Scorpiones: Buthidae) from Madagascar. <i>C R Biol</i> . 2016;339(1):37-43.
<i>Razianus birulai</i> Tahir, Navidpour & Prendini, 2014	New sp.	Pakistan		Muhammad Tahir H, Navidpour S, Prendini L. First reports of <i>Razianus</i> (Scorpiones: Buthidae) from Iraq and Pakistan,

				descriptions of two new species, and redescription of <i>Razianus zarudnyi</i> . American Museum Novitates. 2014(3806):1-26.
<i>Razianus farzanpayi</i> Tahir, Navidpour & Prendini, 2014	New sp.	Pakistan		Muhammad Tahir H, Navidpour S, Prendini L. First reports of <i>Razianus</i> (Scorpiones: Buthidae) from Iraq and Pakistan, descriptions of two new species, and redescription of <i>Razianus zarudnyi</i> . American Museum Novitates. 2014(3806):1-26.
<i>Razianus xinjianganus</i> Lourenco, Sun & Zhu, 2010	New sp.	China		Lourenco WR, Sun D, Zhu M-S. <i>Razianus xinjianganus</i> sp. nov.: A new record genus and new species of (Scorpiones, Buthidae) from China. Journal of Hebei University (Natural Science Edition). 2010;30(3):307-18.
<i>Reddyanus</i> Vachon, 1972	New status		Elevated from subgenus status in <i>Isometrus</i> Ehrenberg, 1828	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus aareyensis</i> (Mirza	New comb.		Moved from <i>Lychas</i> .	Mirza ZA. Two new species of

<p>&amp; Sanap, 2010)</p> <p><i>Lychas aareyensis</i> Mirza &amp; Sanap, 2010</p>	<p>New sp.</p>	<p>India</p>		<p>buthid scorpion of the genus <i>Janalychas</i> Kovařík, 2019 (Arachnida: Scorpiones: Buthidae) from the Western Ghats, India. <i>Arachnology</i>. 2020;18(4):316–24.</p> <p>Mirza ZA, Sanap RV. Description of a new species of scorpion of the genus <i>Lychas</i> C. L. Koch, 1845 (Scorpiones: Buthidae) from Maharashtra, India. <i>Journal of Threatened Taxa</i>. 2010;2(4):789-96.</p>
<p><i>Reddyanus acanthurus</i> (Pocock, 1899)</p>	<p>New comb.</p>		<p>Previously in genus <i>Isometrus</i> Ehrenberg, 1828.</p>	<p>Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. <i>Euscorpium</i>. 2016 (220):1-133.</p>
<p><i>Reddyanus assamensis</i> (Oates, 1888)</p>	<p>New comb.</p>		<p>Previously in genus <i>Isometrus</i> Ehrenberg, 1828.</p>	<p>Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species</p>

				of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus basilicusi</i> (Karsch, 1879)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus besucheti</i> (Vachon, 1982)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus bilyi</i> (Kovarík, 2003)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with

				Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus brachycentrus</i> (Pocock, 1899)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus ceylonensis</i> Kovarik, Lowe, Ranawana, Hoferek, Jayarathne & Stahlavsky, 2016	New sp.	Sri Lanka		Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus corbeti</i> (Tikander & Batawade, 1983)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae,

				Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus deharvengi</i> (Lourenço & Duhem, 2010)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus feti</i> (Kovarík, 2013)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus furai</i> Kovarik & Stahlavsky, 2019	New sp.	Vietnam		Kovarik F, Stahlavsky F. Revision of the genus Reddyanus from Southeast Asia, with description of five new



				species from Cambodia, Malaysia, Thailand and Vietnam (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(295):1-45.
<i>R. heimi</i> (Vachon, 1976)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. <i>Euscorpius</i> . 2016 (220):1-133.
<i>Reddyanus hofereki</i> Kovarik & Stahlavsky, 2019	New sp.	Vietnam		Kovarik F, Stahlavsky F. Revision of the genus <i>Reddyanus</i> from Southeast Asia, with description of five new species from Cambodia, Malaysia, Thailand and Vietnam (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(295):1-45.
<i>Reddyanus jayarathnei</i> Kovarik, 2016	New sp.	Sri Lanka		Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon,

				1972, stat. n. <i>Euscorpium</i> . 2016 (220):1-133.
<i>Reddyanus jendeki</i> (Kovarík, 2013)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. <i>Euscorpium</i> . 2016 (220):1-133.
<i>Reddyanus justii</i> Kovarik, Lowe & Stahlavsky, 3030	New sp.	Laos		Kovarík F, Lowe G, Stahlavsky F. <i>Reddyanus justii</i> sp. n. from Laos (Scorpiones: Buthidae). <i>Euscorpium</i> . 2020(321):1-11.
<i>Reddyanus kanak</i> (Lourenco, 2023)	New sp.	New Caledonia (France)	NB! Lourenco has published this species in the genus <i>Isometrus</i> Ehrenberg, 1828 because he in his paper changes the status of <i>Reddyanus</i> to subgenus. This is done without proper justification, and I have not accepted this decision in The Scorpion Files. Due to this, the new species is listed in <i>Reddyanus</i> and author name is in ( ) as it was initially described in <i>Isometrus</i> .	Lourenco WR. Nouvelles considérations sur <i>Isometrus</i> ( <i>Reddyanus</i> ) <i>heimi</i> Vachon, 1976 et description d'une deuxième espèce d' <i>Isometrus</i> pour la Nouvelle-Calédonie (Scorpiones : Buthidae). <i>Revue Arachnologique</i> . 2023;2(10):30-6.
<i>Reddyanus khammamensis</i> (Kovarík, 2003)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida,

				Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus krasenskyi</i> (Kovarík, 1998)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus kurkai</i> (Kovarík, 1997)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus loebli</i> (Vachon, 1982)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions

				of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus majkusi</i> Kovarik & Stahlavsky, 2019	New sp.	Vietnam		Kovarik F, Stahlavsky F. Revision of the genus Reddyanus from Southeast Asia, with description of five new species from Cambodia, Malaysia, Thailand and Vietnam (Scorpiones: Buthidae). Euscorpius. 2019(295):1-45.
<i>R. melanodactylus</i> (L. Koch, 1867)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. navaiae</i> (Kovarik, 1998)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae,

				Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. neradi</i> (Kovarík, 2013)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. petrzelkai</i> (Kovarík, 2003)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. problematicus</i> (Kovarík, 2003)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida,

				Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. ranawanai</i> Kovarik, 2016	New sp.	Sri Lanka		Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. rigidulus</i> (Pocock, 1897)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Reddyanus rolciki</i> Kovarik & Stahlavsky, 2019	New sp.	Vietnam		Kovarik F, Stahlavsky F. Revision of the genus Reddyanus from Southeast Asia,

				with description of five new species from Cambodia, Malaysia, Thailand and Vietnam (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(295):1-45.
<i>Reddyanus schwotti</i> Kovarik & Stahlavsky, 2019	New sp.	Vietnam		Kovarik F, Stahlavsky F. Revision of the genus <i>Reddyanus</i> from Southeast Asia, with description of five new species from Cambodia, Malaysia, Thailand and Vietnam (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(295):1-45.
<i>R. tibetanus</i> (Lourenço & Zhu, 2008)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. <i>Euscorpius</i> . 2016 (220):1-133.
<i>R. vittatus</i> (Pocock, 1900)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch,

				1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. zideki</i> (Kovarík, 1994)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Rhopalurus acromelas</i> Lutz & Mello, 1922	New status		Synonymized with <i>Jaguajir agamemnon</i> (C.L. Koch, 1839)	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus amazonicus</i> Lourenco, 1986	New status		Synonymized with <i>R. laticauda</i> Thorell, 1876.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus,



				Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus bonettii</i> Armas, 1999	New sp.		New species in 1999, but has not be listed in the Scorpion Files by unknown reasons. Added 10.09.09. Thanks to M.A.C. Cozijn for informing me about this.	de Armas LF. Quince nuevos alacranes de La Espanola y Navassa, Antillas Mayores (Arachnida: Scorpiones). Avicennia. 1999;10/11:101-36.
<i>Rhopalurus brejo</i> Lourenco, 2014	New sp.	Brazil	Synonymized with <i>Troglorhopalurus lacrau</i> (Lourenço and Pinto-da-Rocha, 1997).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.  Lourenco WR. The genus Rhopalurus Thorell, 1876 (Scorpiones: Buthidae) in northeast Brazil; a possible case of a vicariant species. Acta

				Biologica Paranaense, Curitiba. 2014;43(1-2):69-76.
<i>Rhopalurus caribensis</i>	New status		Restored as valid species.	Teruel R, Roncallo CA. Is <i>Rhopalurus caribensis</i> Teruel & Roncallo, 2008, actually a junior synonym of <i>Rhopalurus laticauda</i> Thorell, 1876 (Scorpiones: Buthidae)? A necessary reply. <i>Revista Iberica de Arachnologia</i> . 2013 (23):112-4.
	Synonymization		Synonymized with <i>R. laticauda</i> Thorell, 1876.	Florez E. <i>Rhopalurus caribensis</i> , is a synonym of <i>Rhopalurus laticauda</i> (Scorpiones, Buthidae). <i>Revista Colombiana De Entomologia</i> . 2012 Jul-Dec;38(2):365-7.
	New sp.	Colombia	New species from Colombia that previously have been confused with <i>R. laticauda</i> , which it is closely related to.	Teruel R, Roncallo CA. Rare or poorly known scorpions from Colombia. III. On the taxonomy and distribution of <i>Rhopalurus laticauda</i> Thorell, 1876 (Scorpiones: Buthidae), with the description of a new species of the genus. <i>Euscorpius</i> . 2008(68):1-12.
<i>Rhopalurus crassicauda</i>	New status		Synonymized with <i>Rhopalurus laticauda</i> Thorell, 1876.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed

	New status		<p>Previously regarded as a junior synonym for <i>Rhopalurus laticauda</i>, and given subspecies rank as <i>R. laticauda pintoi</i>.</p> <p>Teruel &amp; Tietz assign species status to <i>R. crassicauda</i>, but suspect that this species is conspecific with <i>R. laticudua</i>. They await a formal synonymization until further research has been done.</p>	<p>scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.</p> <p>Teruel R, Tietz AK. The true identity of <i>Rhopalurus pintoi</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). Euscorpius. 2008(70):1-14.</p>
<i>Rhopalurus dorsomaculatus</i> Prado, 1938	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the

				American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus goiasensis</i> Prado, 1940	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus iglesiasi</i> Werner, 1927	New status		Synonymized with <i>Jaguajir agamemnon</i> (C.L. Koch, 1839)	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus lambdophorus</i> Mello-Leitão, 1932	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839)	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed

				scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus melleipalpus</i> Lutz and Mello, 1922	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus ochoai</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New sp.	Venezuela		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae:

				Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus piceus</i>	New status		Synonymised with <i>R. pintoii</i>	Teruel R, Tietz AK. The true identity of <i>Rhopalurus pintoii</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). Euscorpius. 2008(70):1-14.
<i>Rhopalurus pintoii</i>	New status		<b>Is now <i>Jaguajir pintoii</i>. See there for details.</b>  The authors show that <i>Rhopalurus pintoii</i> is a senior synonym of <i>R. piceus</i>	Teruel R, Tietz AK. The true identity of <i>Rhopalurus pintoii</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). Euscorpius. 2008(70):1-14.
<i>Rhopalurus virkkii</i> Santiago-Blay, 2009	New status		Synonymized with <i>Heteroctenus abudi</i> (Armas and Marcano Fondeur, 1987).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae:

	New sp.	Puerto Rico		Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.  Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Riftobuthus</i> Lourenco, Duhem & Cloudsley-Thompson, 2010	Synonymization		Synonymized with <i>Parabuthus Pocock</i> , 1890.	Kovarik F, Lowe G, Pliskova J, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part VII. <i>Parabuthus</i> Pocock, 1890 (Buthidae), with Description of <i>P. hamar</i> sp. n. and <i>P. kajibu</i> sp. n. from Ethiopia. <i>Euscorpius</i> . 2016(228):1-58.
	New genus	Kenya	Probably a relictual taxa.	Lourenço WR, Duhem B, Cloudsley-Thompson JL. A new relictual buthid scorpion from the region of the Great Rift Valley in Kenya (Scorpiones, Buthidae). <i>Comptes Rendus Biologies</i> . 2010;333(3):280-5.
<i>Riftobuthus inexpectatus</i> Lourenco, Duhem & Cloudsley-Thompson, 2010	Synonymization		Synonymized with <i>Parabuthus pallidus</i> Pocock, 1895.	Kovarik F, Lowe G, Pliskova J, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part VII.

	New sp.	Kenya	Probably a relictual taxa.	<p>Parabuthus Pocock, 1890 (Buthidae), with Description of <i>P. hamar</i> sp. n. and <i>P. kajibu</i> sp. n. from Ethiopia. <i>Euscorpius</i>. 2016(228):1-58.</p> <p>Lourenço WR, Duhem B, Cloudsley-Thompson JL. A new relictual buthid scorpion from the region of the Great Rift Valley in Kenya (Scorpiones, Buthidae). <i>Comptes Rendus Biologies</i>. 2010;333(3):280-5.</p>
<i>Saharobuthus</i> Lourenco & Duhem, 2009	New genus	Occidental Sahara (Western Sahara)		Lourenco WR, Duhem B. Saharo-Sindian buthid scorpions; description of two new genera and species from Occidental Sahara and Afghanistan. <i>ZooKeys</i> . 2009;14:37-54.
<i>Saharobuthus elegans</i> Lourenco & Duhem, 2009	New sp.	Occidental Sahara (Western Sahara)		Lourenco WR, Duhem B. Saharo-Sindian buthid scorpions; description of two new genera and species from Occidental Sahara and Afghanistan. <i>ZooKeys</i> . 2009;14:37-54.
<i>Sahil</i> Kovarik, 2024	New gen.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones) Part XXXI. Two new genera from Somaliland: <i>Sanaag</i> gen. n. and <i>Sahil</i> gen. n. (Buthidae). <i>Euscorpius</i> .



				2024(386):1-11.
<i>Sahil elmii</i> Kovarik, 2024	New sp.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones) Part XXXI. Two new genera from Somaliland: Sanaag gen. n. and Sahil gen. n. (Buthidae). Euscorpius. 2024(386):1-11.
<i>Sanaag</i> Kovarik, 2024	New gen.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones) Part XXXI. Two new genera from Somaliland: Sanaag gen. n. and Sahil gen. n. (Buthidae). Euscorpius. 2024(386):1-11.
<i>Sanaag maidensis</i> (Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018)	New comb.		Previous name <i>Gint maidensis</i> Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018	Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones) Part XXXI. Two new genera from Somaliland: Sanaag gen. n. and Sahil gen. n. (Buthidae). Euscorpius. 2024(386):1-11.
<i>Somalibuthus sabae</i> Kovarik & Njoroge	New sp.	Kenya		Kovarik F, Njoroge L. <i>Somalibuthus sabae</i> sp. n., a new buthid scorpion from Kenya (Scorpiones: Buthidae). Euscorpius. 2021(332):1-19.
<i>Spelaeolychas</i> Kovarik, 2019	New comb.		A new genus with species previously included in <i>Lychas</i> C.L. Koch, 1845.	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones:

				Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Spelaeolychas hosei</i> (Pocock, 1891)	New comb.		Previous status: <i>Lychas hosei</i> (Pocock, 1891).	Kovarik F. Taxonomic reassessment of the genera <i>Lychas</i> , <i>Mesobuthus</i> , and <i>Olivierus</i> , with descriptions of four new genera (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(288):1-27.
<i>Teruelius</i> Lowe & Kovarik, 2019	Synonymization	New status	Raised from synonymy from <i>Grosphus</i> Simon, 1880. See species list for transferred species.	Lowe G, Kovarik F. Reanalysis of <i>Teruelius</i> and <i>Grosphus</i> (Scorpiones: Buthidae) with descriptions of two new species. <i>Euscorpius</i> . 2022(356):1-105.
	New genus	Madagascar	Split from <i>Grosphus</i> Simon, 1880.	Lourenco WR, Rossi A, Wilme L, Raherilalao MJ, Soarimalala V, Waeber PO. The remarkable diversity of the genus <i>Grosphus</i> Simon, 1880 (Scorpiones: Buthidae) in Southern Madagascar and in particular in the region of Cap Sainte Marie. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2020;VI(XXVII):2-35.
				Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones:

				Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius ankarafantsika</i> (Lourenço, 2003)	New comb.		Previous status <i>Grosphus ankarafantsika</i> Lourenço, 2003.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius ankarana</i> (Lourenço & Goodman, 2003)	New comb.		Previous status <i>Grosphus ankarana</i> Lourenço & Goodman, 2003.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius annulatus</i> (Fage, 1929)	New comb.		Previous status <i>Grosphus annulatus</i> Fage, 1929.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius bemaraha</i> (Lourenço, Wilmé & Waeber, 2018)	New comb.		Previous status <i>Grosphus bemaraha</i> Lourenço, Wilmé & Waeber, 2018.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius bicolor</i> (Lourenço, 2012)	New comb.		Previous status <i>Grosphus bicolor</i> Lourenço, 2012.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with

				description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius bistriatus</i> (Kraepelin, 1900)	New comb.		Previous status <i>Grosphus bistriatus</i> (Kraepelin, 1900).	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius eliseanneae</i> (Lourenço & Wilme, 2016)	New comb.		Previous status <i>Grosphus eliseanneae</i> Lourenço & Wilme, 2016.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius feti</i> (Lourenço, 1996)	New comb.		Previous status <i>Grosphus feti</i> Lourenço, 1996.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius flavopiceus</i> (Kraepelin, 1900)	New comb.		Previous status <i>Grosphus flavopiceus</i> (Kraepelin, 1900).	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> .

				2019(281):1-128.
<i>Teruelius ganzhorni</i> (Lourenço, Wilme & Waeber, 2016)	New comb.		Previous status <i>Grosphus ganzhorni</i> (Lourenço, Wilme & Waeber, 2016).	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius grandidieri</i> (Kraepelin, 1900)	New comb.		Previous status <i>Grosphus grandidieri</i> (Kraepelin, 1900).	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius haeckeli</i> Lowe & Kovarik, 2022	New sp.	Madagascar		Lowe G, Kovarik F. Reanalysis of <i>Teruelius</i> and <i>Grosphus</i> (Scorpiones: Buthidae) with descriptions of two new species. <i>Euscorpius</i> . 2022(356):1-105.
<i>Teruelius intertidalis</i> (Lourenço, 1999)	New comb.		Previous status <i>Grosphus intertidalis</i> Lourenço, 1999.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Teruelius limbatus</i> (Pocock, 1889)	New comb.		Previous status <i>Grosphus limbatus</i> (Pocock, 1889).	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones:

				Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius magalieae</i> (Lourenço, 2014)	New comb.		Previous status <i>Grosphus magalieae</i> Lourenço, 2014.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius mahafaliensis</i> (Lourenço, Goodman & Ramilijaona, 2004)	New comb.		Previous status <i>Grosphus mahafaliensis</i> Lourenço, Goodman & Ramilijaona, 2004.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius olgae</i> (Lourenço, 2004)	New comb.		Previous status <i>Grosphus olgae</i> Lourenço, 2004.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius sabineae</i> (Lourenço & Wilme, 2016)	New comb.		Previous status <i>Grosphussabineae</i> Lourenço & Wilme, 2016.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). Euscorpius. 2019(281):1-128.
<i>Teruelius waeberi</i> (Lourenço & Wilme, 2016)	New comb.		Previous status <i>Grosphus waeberi</i> Lourenço & Wilme, 2016.	Lowe G, Kovarik F. Review of <i>Grosphus</i> Simon, 1880, with

				description of <i>Teruelius</i> gen. n., a new buthid genus from Madagascar (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(281):1-128.
<i>Thaicharmus guptai</i> , Mirza, Sanap & Kunte, 2016	New sp.	India		Mirza ZA, Sanap RV, Kunte K. A New Species of the Genus <i>Thaicharmus</i> Kovařík, 1995 (Scorpiones: Buthidae) from Northeast India <i>Euscorpius</i> . 2016(215):1-11.
<i>Thaicharmus indicus</i> Kovarik, 2013	New sp.	India		Kovarik F. A Review of <i>Thaicharmus</i> Kovařík, 1995, with Description of <i>Thaicharmus indicus</i> sp. n. from India (Scorpiones, Buthidae). <i>Euscorpius</i> . 2013 (175):1-9.
<i>Tityobuthus</i> Pocock, 1893	New status		Moved to Ananteridae	Ythier E. A new high-altitude scorpion species of the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones: Ananteridae) from the Pico da Neblina, Brazil. <i>Faunitaxys</i> . 2024;12(19):1-9.
<i>Tityopsis canizaresorum</i> Teruel & Rodríguez-Cabrera, 2020	New sp.	Cuba		Teruel R, Rodríguez-Cabrera TM. Revision of the genus <i>Tityopsis</i> Armas, 1974 (Scorpiones: Buthidae). Part 1. General updates and description of four new species. <i>Euscorpius</i> . 2020(304):1-40.
<i>Tityopsis mulata</i> Teruel & Rodríguez-Cabrera, 2020	New sp.	Cuba		Teruel R, Rodríguez-Cabrera TM. Revision of the genus

				Tityopsis Armas, 1974 (Scorpiones: Buthidae). Part 1. General updates and description of four new species. Euscorpius. 2020(304):1-40.
<i>Tityopsis pumila</i> Teruel & Rodríguez-Cabrera, 2020	New sp.	Cuba		Teruel R, Rodríguez-Cabrera TM. Revision of the genus <i>Tityopsis</i> Armas, 1974 (Scorpiones: Buthidae). Part 1. General updates and description of four new species. Euscorpius. 2020(304):1-40.
<i>Tityopsis sheylae</i> Teruel & Rodríguez-Cabrera, 2020	New sp.	Cuba		Teruel R, Rodríguez-Cabrera TM. Revision of the genus <i>Tityopsis</i> Armas, 1974 (Scorpiones: Buthidae). Part 1. General updates and description of four new species. Euscorpius. 2020(304):1-40.
<i>Tityus acananensis</i> Gonzalez Sponga, 2009	New sp.	Venezuela		Gonzalez Sponga MA. Biodiversidad en Venezuela. Aracnidos. Descripción de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (Escorpiones: Buthidae) de los estados Bolivar y Amazonas. Rev Invest (Guadalajara). 2009; (66):227-55.
<i>Tityus acutidens</i> Mello-Leitão, 1933	Synonymization		Synonymised with <i>Tityus serrulatus</i> Lutz & Mello, 1922 (junior synonym).	De Souza CAR, Candido DM, Lucas SM, Brescovit AD. On the <i>Tityus stigmurus</i> complex (Scorpiones, Buthidae). Zootaxa.



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<i>Tityus alexandroi</i> Teruel, Rivera & Santos	New sp.	Island of Vieques, Puerto Rico.		Teruel R, Rivera MJ, Santos CJ. Two new scorpions from the Puerto Rican island of Vieques, Greater Antilles (Scorpiones: Buthidae). Euscorpius. 2015 (208):1-15
<i>Tityus anasilviae</i> Armas & Abud, 2004	Synonymization		Synonymized with <i>Tityus ottenwalderi</i> Armas, 1999.	Teruel R. Some Taxonomic Corrections to the Genus <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) in Hispaniola, Greater Antilles. Euscorpius. 2917(242):1-9.
<i>Tityus angelesae</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Tityus anori</i> Lourenco, Rossi & Wilme, 2019	New sp.	Brazil		Lourenco WR, Rossi A, Wilme L. Further clarifications on species of <i>Tityus</i> C. L. Koch, 1836, subgenus <i>Atreus</i> Gervais, 1843 (Scorpiones: Buthidae), from Amazonia, with the description of a new species. Arachnida - Rivista Aracnologica Italiana. 2019;5(11):11-24.
<i>Tityus bahoruco</i> Teruel & Armas, 2006	Synonymization		Synonymized with <i>Tityus crassimanus</i> (Thorell, 1876).	Teruel R. Some Taxonomic Corrections to the Genus <i>Tityus</i>

				C. L. Koch, 1836 (Scorpiones: Buthidae) in Hispaniola, Greater Antilles. Euscorpius. 2917(242):1-9.
<i>Tityus betschi</i> Lourenco, 1992	Synonymization		Synonymized with <i>Tityus parvulus</i> Kraepelin, 1914.	Moreno-Gonzalez JA, Gonzalez O R, Florez D E. Taxonomic revision of the Colombian <i>Tityus</i> ( <i>Archaeotityus</i> ) (Scorpiones, Buthidae) species: a morphological and morphometric approach, with a description of a new species. Zootaxa. 2019;4660(1):1-94.
<i>Tityus carolineae</i> Kovarik, Teruel, Cozijn & Seiter, 2013	New status  Synonymization		Restored to species status.  Synonymized with <i>T. metuendus</i> Pocock, 1897.	Teruel R, Kovarik F, Lowe G, Friedrich S. Complements to the Taxonomy of Some Amazonian Scorpions (Scorpiones: Buthidae). Euscorpius. 2017(245):1-7.  Lourenco WR. A propos de quelques amendements sur quelques especes du genre <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) de la region amazonienne. Arachnida - Rivista Aracnologica Italiana. 2016;7:1-17.
	New sp.	Suriname,		Kovarik F, Teruel R, Cozijn MAC, Seiter M. <i>Tityus</i>

		Guyana		carolineae sp. n. from Suriname and Guyana (Scorpiones: Buthidae). Euscorpius. 2013 (178):1-9.
<i>Tityus carrilloi</i> Ojanguren-Affilastro, 2021	New sp.	Argentina		Ojanguren A, Kochalka J, Orellana D, Garcete Barrett BR, Borges A, Ceccarelli F. Redefinition of the identity and phylogenetic position of <i>Tityus trivittatus</i> Kraepelin 1898, and description of <i>Tityus carrilloi</i> n. sp. (Scorpiones; Buthidae), the most medically important scorpion of southern South America. Revista del Museo Argentino de Ciencias Naturales, Nueva Serie. 2021;23:27-55.
<i>Tityus championi</i> Pocock, 1898	Restored species	Costa Rica, Panama	Previous regarded as junior synonym of <i>Tityus asthenes</i> Pocock, 1893.	Teruel R. La verdadera identidad <i>Tityus championi</i> Pocock, 1898 (Scorpiones: Buthidae). Boletín de la SEA. 2011(48):367-73.
<i>Tityus choco</i> Lourenço & Florez D., 2018	New sp.	Columbia		Lourenço WR, Flórez E. Further clarifications on some species of Genus <i>Tityus</i> , Subgenus <i>Atreus</i> (Scorpiones: Buthidae), from Colombia and Ecuador, with the description of a new species. Revista ibérica de arcnología. 2018(33):63-72.
<i>Tityus cisandinus</i> Lourenço & Ythier, 2017)	New sp.	Ecuador		Lourenço WR, Ythier E. Another new species from the rainforests of Ecuador ( <i>Tityus</i>

				cisandinus Lourenço & Ythier, 2017). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017.
<i>Tityus crassicauda</i> Lourenco & Ythier, 2013	New sp.	Ecuador		Lourenço W, Ythier E. The remarkable scorpion diversity in the Ecuadorian Andes and description of a new species of <i>Tityus</i> C. L. Koch, 1836 (Scorpiones, Buthidae). <i>ZooKeys</i> . 2013 (307):1-13.
<i>Tityus curupi</i> Ojanguren-Affilastro, Adilardi, Cajade, Ramõarez, Ceccarelli & Mola, 2017	New sp.	Argentina		Ojanguren-Affilastro AA, Adilardi RS, Cajade R, Ramirez MJ, Ceccarelli FS, Mola LM. Multiple approaches to understanding the taxonomic status of an enigmatic new scorpion species of the genus <i>Tityus</i> (Buthidae) from the biogeographic island of Paraje Tres Cerros (Argentina). <i>PLoS One</i> . 2017;12(7):e0181337.
<i>Tityus cylindricus</i> (Karsch, 1879)	Species revalidated		See paper for details.	De Souza CAR, Candido DM, Lucas SM, Brescovit AD. On the <i>Tityus stigmurus</i> complex (Scorpiones, Buthidae). <i>Zootaxa</i> . 2009(1987):1-38.
<i>Tityus dillerorum</i> Kovarik, Teruel, Lowe & Friedrich, 2015	New status		Restored to species status.	Teruel R, Kovarik F, Lowe G, Friedrich S. Complements to the Taxonomy of Some Amazonian Scorpions (Scorpiones: Buthidae). <i>Euscorpius</i> . 2017(245):1-7.

	Synonymization		Synonymized with <i>T. gasci</i> Lourenco, 1981.	<p>Lourenco WR. A propos de quelques amendements sur quelques especes du genre <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) de la region amazonienne. <i>Arachnida - Rivista Aracnologica Italiana</i>. 2016;7:1-17.</p> <p>Kovarik F, Teruel R, Lowe G, Friedrich S. Four new scorpion species (Scorpiones: Buthidae) from Amazonian Peru. <i>Euscorpius</i>. 2015 (210):1-40.</p>
	New sp.	Peru		
<i>Tityus duacaensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de la region centro occidental de Venezuela. <i>Bol Acad C Fis Mat y Nat</i> . 2007;67 (1-2):37-63.
<i>Tityus dulceae</i>	New sp.	Venezuela	Published in 2006, but I didn't learn about the paper until February 2008.	Gonzales-Sponga MA. Biodiversidad. Tres especies nuevas del género <i>Tityus</i> Koch, 1836 (Buthidae) y una del género <i>Chactas</i> Gervais, 1844 (Chactidae). Escorpiones de la cordillera de Los Andes en Venezuela. <i>Bol Acad C Fis Mat</i>

				Nat. 2006;64(3-4):41-67.
<i>Tityus ebanoverde</i> Armas, 1999	Synonymization		Synonymized with <i>Tityus elii</i> Armas & Marcano, 1992.	Teruel R. Some Taxonomic Corrections to the Genus <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) in Hispaniola, Greater Antilles. <i>Euscorpius</i> . 2917(242):1-9.
<i>Tityus elizabethebravoi</i> Gonzalez-Sponga & Wall Gonzalez, 2008	New sp.	Venezuela		Gonzales-Sponga MA, Wall Gonzalez VM. Biodiversidad en Venezuela. Descripcion de dos nuevas especies del genero <i>Tityus</i> Koch, 1836 (Scorpionidae: Buthidae) del Parque Nacional "Cueva del Guacharo". <i>Bol Acad C Fis Mat y Nat</i> . 2007;57 (3-4):9-23.
<i>Tityus erikae</i> Lourenco, 1999	Synonymization		Synonymized with <i>Tityus tayrona</i> Lourenco, 1991	Teruel R, Roncallo CA. Rare or poorly known scorpions from Colombia. IV. Additions, synonymies and new records (Scorpiones: Buthidae, Scorpionidae). <i>Euscorpius</i> . 2010(105):1-15.
<i>Tityus estherae</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. <i>Entomological News</i> . 2009 Jan-Feb;120 (1):109-24.
<i>Tityus falconensis</i> Gonzalez-Sponga, 1974	Synonymization		Junior synonym of <i>Tityus magnimanus</i> pocock, 1897.	Lourenco WR. Description of <i>Tityus (Atreus) neblina</i> sp. n.

				(Scorpiones, Buthidae), from the "Parque Nacional do Pico da Neblina", in Brazil/Venezuela, with comments on some related species. Boletín Sociedad Entomológica Aragonesa. 2008(43):75-9.
<i>Tityus grahami</i> Lourenco, 2012	New sp.	Brazil		Lourenco WR. Further considerations on <i>Tityus</i> ( <i>Archaeotityus</i> ) <i>clathratus</i> C. L. Koch, 1844 and description of two associated new species (Scorpiones, Buthidae). Boletín de la SEA. 2012(50):277-83.
<i>Tityus grottoedensis</i> Botero-Trujillo & Florez D, 2014	New sp.	Columbia		Botero-Trujillo R, Florez D E. A new species of <i>Tityus</i> (Scorpiones, Buthidae) from El Edén Cave, Colombia. Zootaxa. 2014;3796(1):108-20.
<i>Tityus guariconesis</i>	New sp.	Venezuela	Described in 2004, but I didn't learn about the paper until February 2008.	Gonzalez-Sponga MA. Arácnidos de Venezuela. Descripción de tres nuevas especies de escorpiones de los géneros <i>Tityus</i> (Buthidae), <i>Chactopsis</i> y <i>Broteochactas</i> (Chactidae). Acta Biologica Venezuelica. 2004;24(1):1-12.
<i>Tityus guane</i> Moreno-Gonzalez, Gonzalez O & Florez D, 2019	New sp.	Colombia		Moreno-Gonzalez JA, Gonzalez O R, Florez D E. Taxonomic revision of the Colombian <i>Tityus</i> ( <i>Archaeotityus</i> ) (Scorpiones, Buthidae) species: a

				morphological and morphometric approach, with a description of a new species. Zootaxa. 2019;4660(1):1-94.
<i>Tityus haetianus</i> Teruel & Santos, 2018	New sp.	Haiti		Teruel R, de los Santos G. Two New Tityus C. L. Koch, 1836 (Scorpiones: Buthidae) From Hispaniola, Greater Antilles. Euscorpius. 2018;257:1-16.
<i>Tityus horacioi</i> Lourenco & Leguin, 2011	New sp.	Bolivia		Lourenco WR, Leguin E-A. Une nouvelle espece de Tityus de Bolivie, appartenant au sous-genre Tityus et au groupe d'especes "Tityus bolivianus" (Scorpiones, Buthidae). Boletin de la SEA. 2011(49):103-7.
<i>Tityus irapaensis</i> Gonzalez-Sponga, 2002	Synonymization		Synonymized with <i>Tityus tenuicauda</i> Prendini, 2001	Cornejo-Escobar P, Borges A, Bonoli S, Vasquez-Suarez A, Gregorian T, De Sousa L. Tityus tenuicauda Prendini, 2001 (Scorpiones, Buthidae) en Venezuela. Notas taxonomicas con sinonimia, distribución e historia natural. Saber. 2013;25(1):57-72.
<i>Tityus ivani</i> Gonzalez-Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de dos nuevas especies del genero <i>Tityus</i> Koch, 1836 (Buthidae) y dos especies del genero <i>Chactas</i> Gervais, 1844 (Chactidae). Bol Acad C



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<i>Tityus jaime</i> Miranda, Bermudez, Florez D & de Armas, 2020	New sp.	Costa Rica and Panama		Miranda RJ, Bermudez S, Florez D E, de Armas LF. A new species of <i>Tityus</i> from Panama and Costa Rica previously identified as <i>Tityus pachyurus</i> Pocock, 1897 (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2020(37):197-204.
<i>Tityus juliorum</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Tityus kalettai</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidos. Descripcion de una nueva especie del genero <i>Tityus</i> Koch, 1836 (Buthidae) y tres del genero <i>Chactas</i> Gervais, 1844 (Chactidae). Escorpiones de los alrededores del Carcas, Distrito Metropolitano. Acta Biol Venez. 2007;27 (1):7-24.
<i>Tityus karaja</i> Lourenco, 2016	New sp.	Brazil		Lourenco WR. Une nouvelle espece de <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae), collectee par Jean A. Vellard

				dans l'ancien etat de Goias, aujourd'hui Tocantins, Bresil. Revista Iberica de Arachnologia. 2016(28):75-8.
<i>Tityus kindli</i> Kovarik & Teruel, 2014	New sp.	Dominican Republic		Kovarik F, Teruel R. Three New Scorpion Species from the Dominican Republic, Greater Antilles (Scorpiones: Buthidae, Scorpionidae). Euscorpius. 2014 (187):1-27.
<i>Tityus kukututee</i> Ythier, Chevalier & Gangadin, 2020	New sp.	Suriname		Ythier E, Chevalier J, Gangadin A. Description of <i>Tityus</i> ( <i>Archaeotityus</i> ) <i>kukututee</i> sp. n. from Suriname, with comments on related species (Scorpiones: Buthidae). Arachnida - Rivista Aracnologica Italiana. 2020;VI(XXVII):36-51.
<i>Tityus lamottei</i> Lourenco, 1981	Synonymization		Synonymised with <i>Tityus serrulatus</i> Lutz & Mello, 1922 (junior synonym).	De Souza CAR, Candido DM, Lucas SM, Brescovit AD. On the <i>Tityus stigmurus</i> complex (Scorpiones, Buthidae). Zootaxa. 2009(1987):1-38.
<i>Tityus longidigitus</i> Gonzalez Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de los estados Monagas, Sucre y Bolivar. Bol Acad C Fis Mat y

				Nat. 2008;68 (4):9-30.
<i>Tityus maimirensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnid. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (Escorpiones: Buthidae) de la region centro occidental de Venezuela. Bol Acad C Fis Mat y Nat. 2007;67 (1-2):37-63.
<i>Tityus mana</i> Lourenco, 2012	New sp.	French Guyana		Lourenco WR. Further considerations on <i>Tityus</i> ( <i>Archaeotityus</i> ) <i>clathratus</i> C. L. Koch, 1844 and description of two associated new species (Scorpiones, Buthidae). Boletin de la SEA. 2012(50):277-83.
<i>Tityus maniapurensis</i> Gonzalez Sponga, 2009	New sp.	Venezuela		Gonzalez Sponga MA. Biodiversidad en Venezuela. Aracnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (Escorpiones: Buthidae) de los estados Bolivar y Amazonas. Rev Invest (Guadalajara). 2009; (66):227-55.
<i>Tityus marechali</i> Lourenco, 2013	New sp.	Martinique, Lesser Antilles		Lourenco WR. A new species of <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) from the island of Martinique, Lesser Antilles. Arthropoda Selecta. 2013;22(3):227-31.

<i>Tityus maturinensis</i> Gonzalez-Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de dos nuevas especies del genero <i>Tityus</i> Koch, 1836 (Buthidae) y dos especies del genero <i>Chactas</i> Gervais, 1844 (Chactidae). Bol Acad C Fis Mat y Nat. 2008;58 (1):39-65.
<i>Tityus moralensis</i> Moreno-Gonzalez, Pinto da Rocha & Cabra-Garcia, 2022	New sp.	Colombia		Moreno-Gonzalez JA, Pinto da Rocha R, Cabra-Garcia J. On the <i>Tityus forcipula</i> species group: redescription of <i>Tityus forcipula</i> (Scorpiones, Buthidae), description of a new Andean species, and notes on the taxonomy of the group. Zootaxa. 2022;5155(2):151-86.
<i>Tityus mraceki</i> Kovarik, 2007	Synonymized		Synonymized with <i>Tityus betschi</i> Lourenco, 1992. This study shows that Kovarik's species is only the male of <i>T. betschi</i> .	Lourenco WR. Nouvelles considerations sur le statut taxonomique de quelques especes du genre <i>Tityus</i> C. L. Koch, 1836 (Scorpiones, Buthidae) decrites de la Colombie. Acta Biologica Paranaense. 2008 January-December;37(1-4):195-209.
<i>Tityus mucusunamensis</i>	New sp.	Venezuela	Published in 2006, but I didn't learn about the paper until February 2008.	Gonzales-Sponga MA. Biodiversidad. Tres especies nuevas del género <i>Tityus</i> Koch, 1836 (Buthidae) y una del género <i>Chactas</i> Gervais, 1844

				(Chactidae). Escorpiones de la cordillera de Los Andes en Venezuela. Bol Acad C Fis Mat Nat. 2006;64(3-4):41-67.
<i>Tityus neblina</i> Lourenco, 2008	New species	Brazil, Venezuela		Lourenco WR. Description of <i>Tityus (Atreus) neblina</i> sp. n. (Scorpiones, Buthidae), from the "Parque Nacional do Pico da Neblina", in Brazil/Venezuela, with comments on some related species. Boletín Sociedad Entomológica Aragonesa. 2008(43):75-9.
<i>Tityus obispo</i>	New sp.	Venezuela	Published in 2006, but I didn't learn about the paper until February 2008.	Gonzales-Sponga MA. Biodiversidad. Tres especies nuevas del género <i>Tityus</i> Koch, 1836 (Buthidae) y una del género <i>Chactas</i> Gervais, 1844 (Chactidae). Escorpiones de la cordillera de Los Andes en Venezuela. Bol Acad C Fis Mat Nat. 2006;64(3-4):41-67.
<i>Tityus obscurus</i> (Gervais, 1843)	Restored species		<i>Tityus obscurus</i> (Gervais, 1843) is restored as valid species. It is a senior synonym both for <i>T. paraensis</i> and <i>T. cambidgei</i> Pocock, 1897 (the latter has previously been synonymized with <i>T. paraensis</i> ).	Lourenco WR, Leguin E-A. The true identity of <i>Scorpio (Atreus) obscurus</i> Gervais, 1843 (Scorpiones, Buthidae). Euscorpius. 2008(75):1-9.
<i>Tityus pampanensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidosis. Descripción de cuatro nuevas especies del

				genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de la region centro occidental de Venezuela. Bol Acad C Fis Mat y Nat. 2007;67 (1-2):37-63.
<i>Tityus panguana</i> Kovarik, Teruel, Lowe & Friedrich, 2015	New sp.	Peru		Kovarik F, Teruel R, Lowe G, Friedrich S. Four new scorpion species (Scorpiones: Buthidae) from Amazonian Peru. Euscorpius. 2015 (210):1-40.
<i>Tityus paraensis</i> Kraepelin, 1896	Synonymization		Synonymized with the restored species <i>Tityus obscurus</i> (Gervais, 1843). The latter is a senior synonym both for <i>T. paraensis</i> and <i>T. cambidgei</i> Pocock, 1897 (the latter has previously been synonymized with <i>T. paraensis</i> ).	Lourenco WR, Leguin E-A. The true identity of <i>Scorpio (Atreus) obscurus</i> Gervais, 1843 (Scorpiones, Buthidae). Euscorpius. 2008(75):1-9.
<i>Tityus quiriquirensis</i> Gonzalez Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de los estados Monagas, Sucre y Bolivar. Bol Acad C Fis Mat y Nat. 2008;68 (4):9-30.
<i>Tityus riverai</i> Teruel & Sanchez, 2009	New sp.	Puerto Rico		Teruel R, Sanchez AJ. Una nueva especie de <i>Tityus</i> del grupo " <i>crassimanus</i> " (Scorpiones: Buthidae) de Puerto Rico. Boletin Sociedad Entomológica Aragonesa. 2009 (45):329-33.

<i>Tityus romeroi</i> Gonzalez Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de los estados Monagas, Sucre y Bolivar. Bol Acad C Fis Mat y Nat. 2008;68 (4):9-30.
<i>Tityus rosenbergi</i> Pocock, 1898	New status		Restored from synonymy from <i>Tityus asthenes</i> Pocock 1893	Lourenco WR. New insights on the scorpion species of the 'Tityus trivittatus group' of subgenus <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2019(34):119-25.
<i>Tityus rupestre</i> Lourenco, 2019	New sp.	Brazil		Lourenco WR. New insights on the scorpion species of the 'Tityus trivittatus group' of subgenus <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2019(34):119-25.
<i>Tityus sanfernandoi</i> Gonzalez Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de los estados Monagas, Sucre y Bolivar. Bol Acad C Fis Mat y Nat. 2008;68 (4):9-30.
<i>Tityus schrammi</i> Teruel & Santos, 2018	New sp.	Dominican Republic		Teruel R, de los Santos G. Two New <i>Tityus</i> C. L. Koch, 1836

				(Scorpiones: Buthidae) From Hispaniola, Greater Antilles. <i>Euscorpius</i> . 2018;257:1-16.
<i>Tityus septentrionalis</i> Armas & Abud, 2004	Synonymization		Synonymized with <i>Tityus portoplatensis</i> Armas & Marciano, 1992.	Teruel R. Some Taxonomic Corrections to the Genus <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) in Hispaniola, Greater Antilles. <i>Euscorpius</i> . 2917(242):1-9.
<i>Tityus smithii</i> Pocock, 1893	New status	Lesser Antilles	Restored species. See paper for details.	Teruel R. Redescription of <i>Tityus pictus</i> Pocock, 1893 and <i>Tityus smithii</i> Pocock, 1893, with notes of the <i>Tityus</i> species from Lesser Antilles (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(125):1-26.
<i>Tityus spelaeus</i> Moreno-Gonzalez, Pinto-da-Rocha & Gallao, 2021	New sp.	Brazil		Moreno-González JA, Pinto-da-Rocha R, Gallão JE. Bringing order to a complex system: phenotypic and genotypic evidence contribute to the taxonomy of <i>Tityus</i> (Scorpiones, Buthidae) and support the description of a new species. <i>ZooKeys</i> . 2021;1075:33-75.
<i>Tityus tenuicauda</i> Prendini, 2001	New sp.	Trinidad	New species in 2001, but not registered by me until November 2009.	Prendini L. Further additions to the scorpion fauna of Trinidad and Tobago. <i>J Arachnol</i> . 2001;29:173-88.
<i>Tityus timendus</i> Pocock, 1898	New status	Ecuador	Previously synonymized with <i>Tityus asthenes</i> Pocock, 1893.	Lourenco WR. <i>Tityus</i> ( <i>Atreus</i> ) <i>timendus</i> Pocock, 1898 (Scorpiones, Buthidae), an



				enigmatic scorpion from Ecuador. Acta Biologica Paranaense, Curitiba. 2012;41(1-2):1-8.
<i>Tityus thelyacanthus</i> Mello-Leitao 1933	Synonymization		Synonymized with <i>Tityus charreyroni</i> Vellard 1932	Lourenco WR. New insights on the scorpion species of the 'Tityus trivittatus group' of subgenus Tityus C. L. Koch, 1836 (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2019(34):119-25.
<i>Tityus urachichensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de la region centro occidental de Venezuela. Bol Acad C Fis Mat y Nat. 2007;67 (1-2):37-63.
<i>Tityus ventuarensis</i> Gonzalez Sponga, 2009	New sp.	Venezuela		Gonzalez Sponga MA. Biodiversidad en Venezuela. Aracnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (Escorpiones: Buthidae) de los estados Bolivar y Amazonas. Rev Invest (Guadalajara). 2009; (66):227-55.
<i>Tityus wachteli</i> Kovarik, Teruel, Lowe & Friedrich, 2015	New status		Restored to species status.	Teruel R, Kovarik F, Lowe G, Friedrich S. Complements to the Taxonomy of Some Amazonian

	Synonymization		Synonymized with <i>T. silvestris</i> Pocock, 1897.	Scorpions (Scorpiones: Buthidae). Euscorpius. 2017(245):1-7.  Lourenco WR. A propos de quelques amendements sur quelques especes du genre Tityus C. L. Koch, 1836 (Scorpiones: Buthidae) de la region amazonienne. Arachnida - Rivista Aracnologica Italiana. 2016;7:1-17.
	New sp.	Peru		Kovarik F, Teruel R, Lowe G, Friedrich S. Four new scorpion species (Scorpiones: Buthidae) from Amazonian Peru. Euscorpius. 2015 (210):1-40.
<i>Tityus walli</i> Gonzalez-Sponga & Wall Gonzalez, 2008	New sp.	Venezuela		Gonzales-Sponga MA, Wall Gonzalez VM. Biodiversidad en Venezuela. Descripcion de dos nuevas especies del genero <i>Tityus</i> Koch, 1836 (Scorpionidae: Buthidae) del Parque Nacional "Cueva del Guacharo". Bol Acad C Fis Mat y Nat. 2007;57 (3-4):9-23.
<i>Tityus wayuu</i> Rojas-Runjaic & Armas, 2007	Synonymization		Synonymized with <i>Tityus tayrona</i> Lourenço, 1991.	Moreno-Gonzalez JA, Gonzalez O R, Florez D E. Taxonomic revision of the Colombian Tityus (Archaeotityus) (Scorpiones, Buthidae) species: a

				morphological and morphometric approach, with a description of a new species. Zootaxa. 2019;4660(1):1-94.
<i>Tityus yerenai</i> Gonzalez Sponga, 2009	New sp.	Venezuela		Gonzalez Sponga MA. Biodiversidad en Venezuela. Aracnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (Escorpiones: Buthidae) de los estados Bolivar y Amazonas. Rev Invest (Guadalajara). 2009; (66):227-55.
<i>Tityus ythieri</i> Lourenco, 2007	New status  Synonymization		Reinstated as species. See paper for details.  Synonymised with <i>Tityus magnimanus</i> Pocock, 1897.	Ythier E. Additional biological data on <i>Tityus ythieri</i> Lourenço, 2007. Le bulletin d'Arthropoda. 2011(44):3-7.  Kovarik F, Stahlavsky F, Korinkova T, Kral J, van der Ende T. <i>Tityus ythieri</i> Lourenco, 2007 is a synonym of <i>Tityus magnimanus</i> Pocock, 1897 (Scorpiones: Buthidae): a combined approach using morphology, hybridization experiments, chromosomes and mitochondrial DNA. Euscorpius. 2009(77):1-12.
<i>Troglorhopalurus lacrau</i> (Lourenco & Pinto da Rocha, 1997)	New comb.		Previous <i>Rhopalurus lacrau</i> Lourenco & Pinto da Rocha, 1997.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision

				of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Trypanothacus</i> Lowe, Kovarik, Stockmann & Stahlavsky, 2019	New genus	Arabian Peninsula		Lowe G, Kovarik F, Stockmann M, Stahlavsky F. <i>Trypanothacus</i> gen. n., a new genus of burrowing scorpion from the Arabian Peninsula (Scorpiones: Buthidae). Euscorpius. 2019(277):1-29.
<i>Trypanothacus azraqensis</i> Al-Sarairoh, Afifeh, Aloufi, Amr & Lourenco, 2021	New sp.	Jordan		Al-Sarairoh M, Afifeh BA, Aloufi A, Amr ZS, Lourenco WR. First record of the genus <i>Trypanothacus</i> Lowe, Kovařík, Stockmann & Šťáhlavský, 2019 in Jordan and description of a new species (Scorpiones: Buthidae). Serket. 2021;18(1):11-21.
<i>Trypanothacus barnesi</i> Lowe, Kovarik, Stockmann & Stahlavsky, 2019	New sp.	Oman		Lowe G, Kovarik F, Stockmann M, Stahlavsky F. <i>Trypanothacus</i> gen. n., a new genus of burrowing scorpion from the Arabian Peninsula (Scorpiones: Buthidae). Euscorpius.

				2019(277):1-29.
<i>Trypanothacus buettikeri</i> (Hendrixson, 2006)	New comb.	Saudi Arabia	Previous status: <i>Buthacus buettikeri</i> Hendrixson, 2006.	Lowe G, Kovarik F, Stockmann M, Stahlavsky F. <i>Trypanothacus</i> gen. n., a new genus of burrowing scorpion from the Arabian Peninsula (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(277):1-29.
<i>Uroplectes andreae</i> Pocock, 1899	Synonymization		Synonymized with <i>Uroplectes occidentalis</i> Simon, 1876	Prendini L. Three new <i>Uroplectes</i> (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. <i>American Museum Novitates</i> . 2015 (3840):1-32.
<i>Uroplectes ansiedippenaarae</i> Prendini, 2015	New sp.	South Africa		Prendini L. A remarkably small species of <i>Uroplectes</i> Peters, 1861 (Scorpiones: Buthidae), endemic to the Succulent Karoo of South Africa. <i>African Invertebrates</i> . 2015;56(2):499-513.
<i>Uroplectes malawicus</i> Prendini, 2015	New sp.	Malawi		Prendini L. Three new <i>Uroplectes</i> (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. <i>American Museum Novitates</i> . 2015 (3840):1-32.
<i>Uroplectes katangensis</i> Prendini, 2015	New sp.	Democratic Republic of Congo		Prendini L. Three new <i>Uroplectes</i> (Scorpiones, Buthidae) with punctate

				metasomal segments from tropical central Africa. American Museum Novitates. 2015 (3840):1-32.
<i>Uroplectes zambezicus</i> Prendini, 2015	New sp.	Mozambique, Zambia & Zimbabwe		Prendini L. Three new Uroplectes (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. American Museum Novitates. 2015 (3840):1-32.
<i>Uroplectoides</i> Lourenco, Lourenco, 1998	Synonymization		Synonymized with <i>Uroplectes</i> Peters, 1861	Kovarik F, Lowe G, Hoferek D, Pliskova J, Stahlavsky F. Scorpions of Ethiopia. Part IV. Genus <i>Uroplectes</i> Peters, 1861 (Scorpiones : Buthidae). Euscorpius. 2016 (217):1-14.
<i>Uroplectoides abyssinicus</i> Lourenco, Lourenco, 1998	Synonymization		Synonymized with <i>Uroplectes</i> <i>fischeri</i> Peters, 1861	Kovarik F, Lowe G, Hoferek D, Pliskova J, Stahlavsky F. Scorpions of Ethiopia. Part IV. Genus <i>Uroplectes</i> Peters, 1861 (Scorpiones : Buthidae). Euscorpius. 2016 (217):1-14.
<i>Uroplectoides emiliae</i> (Werner, 1916)	New status		Transferred to <i>Uroplectes</i> . New name <i>Uroplectes emiliae</i> (Werner, 1916).	Kovarik F, Lowe G, Hoferek D, Pliskova J, Stahlavsky F. Scorpions of Ethiopia. Part IV. Genus <i>Uroplectes</i> Peters, 1861 (Scorpiones : Buthidae). Euscorpius. 2016 (217):1-14.
<i>Vachoniolus batinahensis</i> Lowe, 2010	New sp.	Oman		Lowe G. The genus <i>Vachoniolus</i> (Scorpiones: Buthidae) in Oman. Euscorpius. 2010(100):1-37.

<i>Vachoniolus gallagheri</i> Lowe, 2010	New sp.	Oman		Lowe G. The genus <i>Vachoniolus</i> (Scorpiones: Buthidae) in Oman. <i>Euscorpius</i> . 2010(100):1-37.
<i>Vachoniolus iranus</i>	New sp.	Iran		Navidpour S, Kovarik F, Soleglad ME, Fet V. Scorpion of Iran (Arachnida, Scorpiones). Part I. Khoozestan Province. <i>Euscorpius</i> . 2008(65):1-41.
<i>Vachonus asiyaee</i> Amir & Kamaluddin, 2009	New sp.	Pakistan		Amir R, Kamaluddin S. A revision of the genus <i>Vachonus</i> Tikader and Bastawade (Arachnida: Scorpionida: Buthidae) with two new species from Pakistan with reference to their chromatography and electrophoresis of venom. <i>Pakistan J Entomol</i> . 2009;24(1&2):19-26.
<i>Vachonus atrostriatus</i> (Pocock, 1897)	New comb.		New status is <i>Compsobuthus atrostriatus</i> (Pocock, 1897). See more info on this taxa above.	Navidpour S, Ezatkah M, Kovarik F, Soleglad ME, Fet V. Scorpions of Iran (Arachnida: Scorpiones). Part VII. Kerman Province. <i>Euscorpius</i> . 2011(131):1-32.
<i>Vachonus inexpectatus</i> Lourenco, 2015	New sp.	India		Lourenco WR. New considerations on the enigmatic genus <i>Vachonus</i> Tikader et Bastawade, 1983, with the description of a new species from India (Scorpiones: Buthidae). <i>Arachnida - Rivista Arachnologica Italiana</i> .

				2015;1(3):2-9.
<i>Vachonus iqbali</i> Amir & Kamaluddin, 2009	New sp.	Pakistan		Amir R, Kamaluddin S. A revision of the genus <i>Vachonus</i> Tikader and Bastawade (Arachnida: Scorpionida: Buthidae) with two new species from Pakistan with reference to their chromatography and electrophoresis of venom. Pakistan J Entomol. 2009;24(1&2):19-26.
<i>Xenobuthus</i> Lowe, 2018	New genus	Oman, Saudi Arabia, Yemen		Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. Euscorpius. 2018(261):1-73.
<i>Xenobuthus anthracinus</i> (Pocock, 1895)	New status		Previsouly status: <i>Butheolus anthracinus</i> (Pocock, 1895).	Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. Euscorpius. 2018(261):1-73.
<i>Xenobuthus arabicus</i> (Lourenço & Qi, 2006)	New status		Previous status: <i>Butheolus arabicus</i> Lourenço & Qi, 2006.	Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. Euscorpius. 2018(261):1-73.
<i>Xenobuthus xanthus</i> Lowe, 2018	New sp.	Oman		Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. Euscorpius. 2018(261):1-73.
<i>Zabius gaucha</i> Acosta,	New sp.	Brazil	The article has an ID key for <i>Zabius</i> .	Acosta LE, Candido DM,



Candido, Buckup & Brescovit, 2008				Buckup EH, Brescovit AD. Description of <i>Zabius gaucho</i> (Scorpiones, Buthidae), a new species from southern Brazil, with an update about the generic diagnosis. Journal of Arachnology. 2008;36:491-501.
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