

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

Taxa	Status	Distribution	Comments	Reference
<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 arcadioi</i> Botero-Trujillo, 2008	New Sp.	Colombia		Botero-Trujillo R. The scorpion genus <i>Ananteris</i> in Colombia: comments on the taxonomy and description of two new species (Scorpiones, Buthidae). <i>Journal of Arachnology</i> . 2008;36:287-99.
<i>Ananteris ashaninka</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. <i>Euscorpius</i> . 2015 (210):1-40.
<i>Ananteris asuncionensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris barinensis</i>	New sp.	Venezuela	Described in 2006 in a monography	GONZÁLEZ-SPONGA, M. A.

			published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris bernabei</i> Giupponi, Vasconcelos & Lourenco, 2009	New sp.	Brazil		Giupponi APD, de Vasconcelos EG, Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in southeast Brazil, with the description of three new species. <i>ZooKeys</i> . [Article]. 2009; (13):29-41.
<i>Ananteris bianchinii</i> Lourenco, Aguiar-Neto & Limeira-de-Oliveira, 2009	New sp.	Brazil		Lourenco WR, Aguiar-Neto MB, Limeira-de-Oliveira F. A new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) from the state of Maranhao, Brazil. <i>Boletín Sociedad Entomológica Aragonesa</i> . 2009(45):91-4.
<i>Ananteris bonito</i> Lourenco, 2012	New sp.	Brazil		Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in the Northeast region of Brazil and description of a new species. <i>Boletín de la SEA</i> . 2012(50):73-6.
<i>Ananteris camacan</i> Lourenco, Giupponi & Leguin, 2013	New sp.	Brazil		Lourenco WR, Giupponi APL, Leguin E-A. Description of three

				more new species of the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) from Brazil. <i>An Acad Bras Cienc.</i> 2013;85(2):371-87.
<i>Ananteris capayaensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela.</i> [Correct reference will be included later]
<i>Ananteris caracensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela.</i> [Correct reference will be included later]
<i>Ananteris catuaroi</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela.</i> [Correct reference will be included later]
<i>Ananteris caucaguitensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO

			Libertador. I didn't know about this publication until February 2008.	<i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " UPEL: Caracas – Venezuela. [Correct reference will be included later]
<i>Ananteris chagasi</i> Giupponi, Vasconcelos & Lourenco, 2009	New sp.	Brazil		Giupponi APD, de Vasconcelos EG, Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in southeast Brazil, with the description of three new species. ZooKeys. [Article]. 2009; (13):29-41.
<i>Ananteris chirimakei</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " UPEL: Caracas – Venezuela. [Correct reference will be included later]
<i>Ananteris cisandinus</i> Lourenco, 2015	New sp.	Peru		Lourenco WR. Comments on the <i>Ananterinae</i> Pocock, 1900 (Scorpiones: Buthidae) and description of a new remarkable species of <i>Ananteris</i> from Peru. Comptes Rendus - Biologies. 2015;338:134-9.
<i>Ananteris claviformis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN

			publication until February 2008.	VENEZUELA (Scorpionidae: Buthidae) ” <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris cumbensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn’t know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: “ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) ” <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris curariensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn’t know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: “ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) ” <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris desiderio</i> Lourenco, Giupponi & Leguin, 2013	New sp.	Brazil		Lourenco WR, Giupponi APL, Leguin E-A. Description of three more new species of the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) from Brazil. <i>An Acad Bras Cienc.</i> 2013;85(2):371-87.
<i>Ananteris dorae</i> Botero-Trujillo, 2008	New Sp.	Colombia		Botero-Trujillo R. The scorpion genus <i>Ananteris</i> in Colombia: comments on the taxonomy and description of two new species (Scorpiones, Buthidae). <i>Journal</i>

				of Arachnology. 2008;36:287-99.
<i>Ananteris elguapoi</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris faguasi</i> Botero-Trujillo, 2009	New sp.	Colombia		Botero-Trujillo R. Two new species of <i>Ananteris</i> (Scorpiones, Buthidae) from El Tuparro Natural National Park, eastern Colombia. <i>Comptes Rendus Biologies</i> . 2009;332(1):83-94.
<i>Ananteris guiripaensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris hasshy</i> Rolando & Roncallo, 2008	Synonymization		Synonymized with <i>Ananteris columbiana</i> Lourenco, 1991	Botero-Trujillo R, Florez D E. A revisionary approach of Colombian <i>Ananteris</i> (Scorpiones, Buthidae): two new species, a new synonymy, and notes on the value of trichobothria and

	New sp.	Colombia		hemispermatochore for the taxonomy of the group. Zootaxa. 2011(2904):1-44.  Teruel R, Roncallo CA. A new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones: buthidae) from the Caribbean region of Colombia. Euscorpius. 2008(72):1-7
<i>Ananteris infuscata</i> Lourenco, Giupponi & Leguin, 2013	New sp.	Brazil		Lourenco WR, Giupponi APL, Leguin E-A. Description of three more new species of the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) from Brazil. An Acad Bras Cienc. 2013;85(2):371-87.
<i>Ananteris inoae</i>	New sp.	Venezuela	Described in 2006 as <i>A. inoi</i> in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.  Name changed to <i>A. inoae</i> by Rojas-Runjaic & De Sousa (2007).	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]  Rojas-Runjaic FJM, De Sousa L. Catálogo de los escorpiones de Venezuela (Arachnida: Scorpiones). Boletín Sociedad Entomológica Aragonesa.

				2007(40):281-307
<i>Ananteris intermedia</i> Lourenco, 2012	New sp.	French Guiana		Lourenço WR. Humiculous scorpions: On the genera <i>Ananteris</i> Thorell, 1891 and <i>Microananteris</i> Lourenço, 2004 (Scorpiones: Buthidae), with the description of a new species from French Guiana. <i>Comptes Rendus Biologies</i> . 2012;In Press. doi: 10.1016/j.crvi.2012.06.005
<i>Ananteris kuryii</i> Giupponi, Vasconcelos & Lourenco, 2009	New sp.	Brazil		Giupponi APD, de Vasconcelos EG, Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in southeast Brazil, with the description of three new species. <i>ZooKeys</i> . [Article]. 2009; (13):29-41.
<i>Ananteris madeirensis</i> Lourenco & Duhem, 2010	New sp.	Brazil		Lourenco WR, duhem B. Further considerations on the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in Brazilian Amazonia and description of two new species. <i>Boletin de la SEA</i> . 2010(47):33-8.
<i>Ananteris maniapurensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas</i> –



				Venezuela. [Correct reference will be included later]
<i>Ananteris meridana</i>	New sp.	Venezuela	Described in 2006 as <i>A. meridanus</i> in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.  Name changed to <i>A. meridana</i> by Rojas-Runjaic & De Sousa (2007).	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]  Rojas-Runjaic FJM, De Sousa L. Catálogo de los escorpiones de Venezuela (Arachnida: Scorpiones). Boletín Sociedad Entomológica Aragonesa. 2007(40):281-307
<i>Ananteris michaelae</i> Lourenco, 2013	New sp.	Guyana		Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in the Guayana region and a description of a new species from Guyana. <i>Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg</i> . 2013;16(190):101-9.
<i>Ananteris norae</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas –</i>

				Venezuela. [Correct reference will be included later]
<i>Ananteris polleti</i> Lourenco, 2016	New sp.	French Guiana		Lourenco WR. Scorpions from the Mitaraka Massif in French Guiana. II. Description of a new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones: Buthidae). C R Biol. 2016 May 4.
<i>Ananteris ochoai</i> Botero-Trujillo & Florez D	New sp.	Colombia		Botero-Trujillo R, Florez D E. A revisionary approach of Colombian <i>Ananteris</i> (Scorpiones, Buthidae): two new species, a new synonymy, and notes on the value of trichobothria and hemispermatophore for the taxonomy of the group. Zootaxa. 2011(2904):1-44.
<i>Ananteris palmari</i> Botero-Trujillo & Noriega, 2011	New sp.	Brazil		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). Zootaxa. 2011(2747):37-52.
<i>Ananteris paoensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " UPEL: Caracas –

				Venezuela. [Correct reference will be included later]
<i>Ananteris paracotoensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris plataensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris principalis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris riocauensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas –</i>

				Venezuela. [Correct reference will be included later]
<i>Ananteris riomachensis</i> Rojas-Runjaic, Portillo-Quintero & Borges, 2008	New sp.	Venezuela		Rojas-Runjaic FJM, Portillo-Quintero C, Borges A. Un nuevo escorpion del genero <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) para la sierra de Perija, Venezuela. Memoria de la Fundacion la Salle de Ciencias Naturales. 2008;169:65-81.
<i>Ananteris riochicoi</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris roraima</i> Lourenco & Duhem, 2010	New sp.	Brazil		Lourenco WR, duhem B. Further considerations on the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in Brazilian Amazonia and description of two new species. Boletin de la SEA. 2010(47):33-8.
<i>Ananteris sanchezi</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas –</i>

				Venezuela. [Correct reference will be included later]
<i>Ananteris sepulvedai</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris singularis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris solimariae</i> Botero-Trujillo & Florez D	New sp.	Colombia		Botero-Trujillo R, Florez D E. A revisionary approach of Colombian <i>Ananteris</i> (Scorpiones, Buthidae): two new species, a new synonymy, and notes on the value of trichobothria and hemispermatophore for the taxonomy of the group. <i>Zootaxa</i> . 2011(2904):1-44.
<i>Ananteris surinamensis</i> Lourenco, 2012	New sp.	Surinam		Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in Guyanas region, with a

				description of a new species from Suriname. entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2012;16(188):41-7.
Ananteris volschenki Botero-Trujillo, 2009	New sp.	Colombia		Botero-Trujillo R. Two new species of Ananteris (Scorpiones, Buthidae) from El Tuparro Natural National Park, eastern Colombia. Comptes Rendus Biologies. 2009;332(1):83-94.
<i>Ananteris zuliana</i>	New sp.	Venezuela	Described in 2006 as <i>A. zulianus</i> in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.  Name changed to <i>A. zuliana</i> by Rojas-Runjaic & De Sousa (2007).	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]  Rojas-Runjaic FJM, De Sousa L. Catálogo de los escorpiones de Venezuela (Arachnida: Scorpiones). Boletín Sociedad Entomológica Aragonesa. 2007(40):281-307
<i>Ananteroides</i> Borelli, 1911	New status		Returned from synonymy with <i>Ananteris</i> Thorell, 1891	Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletín de la SEA.

				2011(48):105-13.
<i>Ananteroides feae</i> Borelli, 1911	N. comb.		See above.	Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletin de la SEA. 2011(48):105-13.
<i>Ananteroides inexpectatus</i> Lourenco, 2013	New sp.	Mauritania		Lourenco WR. Une nouvelle espece de <i>Ananteroides</i> Borelli, 1911, de Mauritanie (Scorpiones, Buthidae) Revista Iberica de Arachnologia. 2013 (23):79-81.
<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 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 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> (Pallery, 1928)	New status		The species <i>Androctonus eburneus</i> (= <i>Prionurus eburneus</i> Pallery, 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 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>	New sp.	Pakistan		Kovarik F, Ahmed Z. A Review



Kovarik & Ahmed, 2013				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 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 tigray</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 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 & Kovarík, 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>Anomalobuthus talebii</i> Teruel, Kovarík, 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>Babycurus bringnolii</i> Lourenco & Rossi, 2017	New sp.	Central African Republic		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 prudenti</i> Lourenco, 2013	New sp.	Cameroon		Lourenco W. A new species of <i>Babycurus</i> Karsch, 1886 from northern Cameroon (Scorpiones: Buthidae). <i>Arthropoda Selecta</i> . 2013;22(4):343-8.
<i>Babycurus sofomarensis</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 taramassoi</i> Borelli,	New status	Ethiopia	Raised from subspecies status.	Kovarik F, Lowe G, Seiter M,

1919			Previous name <i>B. wituensis taramassoi</i> Borelli, 1919	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>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. Boletin de la SEA. 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 armasi</i> Lourenco, 2013	New sp.	Algeria		Lourenco WR. The <i>Buthacus</i> Birula, 1908 populations from Tassili n'Ajjer, Algeria (Scorpiones, Buthidae) and description of a new species. Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2013;16(190):89-99.
<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). Arachnida - Rivista Aracnologica Italiana. 2017;3(XII):18-30.
<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 mahraouii</i> Lourenço, 2004	Synonymization		Synonymized with <i>Buthacus zieglerei</i> Lourenco, 2000.	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 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. Entomol Mitt Zool Mus Hamburg. 2004 15;14(170):205-10.
<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). Revista Iberica de Arachnologia. 2015 (27):55-9.
<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>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. Euscorpius. 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. Euscorpius.

				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 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	New sp.	Oman, United		Lourenço WR, Duhem B. Two



& Duhem, 2012		Arab Emirates		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>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. <i>Taprobanica</i> . 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. <i>Boletin de la SEA</i> . 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. <i>Euscorpium</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	Amir R, Kamaluddin S, Jabbar A. Two new species of the genus <i>Stenochirus</i> Karsch (Scorpionidae: Buthidae: Buthidae) from Pakistan with

			scientific journal before it is valid. Because of this this taxa should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	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. 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, 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. Int J Biol Biotech. 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. Euscorpius. 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 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. Zoology in the Middle East. 2010;49:95-9.
<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)." <u>Revista Iberica de Arachnologia</u> (28): 13-17.
<i>Buthus awashensis</i> Kovarik, 2011	New sp.	Ethiopia		Kovarik F. <i>Buthus awashensis</i> sp. n. from Ethiopia (Scorpiones: Buthidae). Euscorpius. 2011(128):1-6.
<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	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). Entomol Mitt Zool

			molecular study of the genus is needed to sort out which species are valid.	Mus Hamburg. 2008;15 (179):45-52.
<i>Buthus boumalenii</i> Touloun & Boumezzough, 2011	New sp.	Morocco		Touloun O, Boumezzough A. Une nouvelle espece du genre Buthus Leach, 1815 (Scorpiones: Buthidae) du Maroc. Boletin de la SEA. 2011(48):183-7.
<i>Buthus centroafricanus</i>	New sp.	Central African Republic		Lourenco WR. A new species of the genus Buthus 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, 2012	New sp.	Morocco		Lourenco WR, Touloun O, Boumezzough A. Un nouveau 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 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 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). Arthropoda Selecta. 2012;21(4):307-38.
<i>Buthus karoraensis</i> Rossi & Tropea, 2016	New sp.	Eritrea, Sudan (?)		Rossi A, Tropea G. On the presence of the genus Buthus Leach, 1815 in Sudan with the description of a new species from the enclave of Karora

				(Scorpiones: Buthidae). Onychium. 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. Revista Iberica de Arachnologia. 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. Zoology in the Middle East. 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). <i>Euscorpius</i> . 2013 (167):1-10.
<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 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 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 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 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. Revista Iberica de Arachnologia. 2013 (22):9-14.
<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). Entomol Mitt Zool Mus Hamburg. 2008;15 (179):45-52.
<i>Centruroides altagraciae</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 bonito</i> Quijano-Ravell, Teruel & Ponce-Saavedra, 2016	New sp.	Mexico		Quijano-Ravell AF, Teruel R, Ponce-Saavedra J. A new <i>Centruroides</i> 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 <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) from Guatemala. Euscorpius. 2013

				(172):1-5.
<i>Centruroides chamela</i> Ponce-Saavedra & Francke, 2011	New sp.	Mexico		Ponce-Saavedra J, Francke OF. Especie nueva de la alacran del genero <i>Centruroides</i> (Scorpiones: Buthidae) de la costa del estado de Jalisco, Mexico. <i>Revista Mexicana de Biodiversidad</i> . 2011;82:1163-75.
<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 fallassisimus</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 &	New sp.	Mexico		Santibanez-Lopez CE, Contreras-Felix GA. Two new

Contreras-Felix, 2013				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. <i>Boletin de la SEA</i> . 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 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). <i>Revista Mexicana de Biodiversidad</i> . 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 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: <i>buthidae</i> ). <i>Euscorpius</i> . 2011(132):1-16.
<i>Centruroides mariaorum</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 mascota</i> Ponce-Saavedra & Francke, 2011	New sp.	Mexico		Ponce-Saavedra J, Francke OF. Nueva especie de alacran del genero <i>Centruroides</i> (Scorpiones, <i>Buthidae</i> ) del estado de Jalisco, Mexico. <i>Revista Mexicana de Biodiversidad</i> . 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 nigrovaryatus</i> y <i>C. elegans</i> (Scorpiones: <i>Buthidae</i> ) de México. <i>Anales de la Escuela Nacional de Ciencias Biológicas</i> . 1999;44:27-35.
<i>Centruroides morenoi</i>	Synonymization		Synonymized with <i>Centruroides</i>	de Armas LF, Teruel R, Kovarik

	New status	Jamaica, Cuba (introduced), Trinidad?	<i>margaritatus</i> (Gervais, 1841)  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.	F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: <i>buthidae</i> ). <i>Euscorpius</i> . 2011(132):1-16.  de Armas LF, Maes J-M. Lista anotada de los Alcranes (Arachnida: Scorpiones) de America Central, con algunas consideraciones biogeograficas. <i>Rev Nica Ent.</i> 1998;46:23-38
<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: <i>Buthidae</i> ) en el estado de Veracruz, Mexico. <i>Boletin Sociedad Entomológica Aragonesa.</i> 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: <i>Buthidae</i> ) from Panama and new distribution records for <i>Centruroides bicolor</i> (Pocock, 1898) and <i>Centruroides granosus</i> (Thorell, 1876). <i>Zootaxa.</i> 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: <i>Buthidae</i> ) from southern Mexico. <i>Revista Iberica</i>

				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 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. Revista Mexicana de Biodiversidad. 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. Boletin de la SEA. 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. Entomological News. 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 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>Chanেকে</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. <i>Journal of Arachnology</i> . 2014;42:220-32.
<i>Chanেকে 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 Chaneke 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,

	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.	1972, stat. n. Euscorpius. 2016 (220):1-133.  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 Cicileus Vachon, 1948 (Scorpiones: Buthidae) and description of a new species from Libya. Arachnida - Rivista Arachnologica Italiana. 2015;1(1):22-37.
<i>Cicileus hoggarensis</i> Lourenco & Rossi, 2015	New sp.	Algeria		Lourenco WR, Rossi A. Two new species of Cicileus Vachon,

				1948 from Hoggar Mountains in Algeria. Arachnida - Rivista Aracnologica Italiana. 2015;1(4):2-12.
<i>Cicileus montanus</i> Lourenco & Rossi, 2015	New sp.	Algeria		Lourenco WR, Rossi A. Two new species of Cicileus Vachon, 1948 from Hoggar Mountains in Algeria. Arachnida - Rivista Aracnologica Italiana. 2015;1(4):2-12.
<i>Compsobuthus armenicus</i> Lourenco & Leguin, 2015	New sp.	Armenia		Lourenco WR, Leguin E-A. A new species of Compsobuthus Vachon, 1949 (Scorpiones: Buthidae) from Armenia. Zoology in the Middle East. 2015:1-5.
<i>Compsobuthus atrostriatus</i> (Pocock, 1897)	New comb.		Originally described as Buthus atrostriatus, but later transferred to Vachonus atrostriatus by Tikader & Bastawade, 1983. Also reported as Mesobuthus eupeus atrostriatus 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 Vachonus 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. Euscorpius. 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

				Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. 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. <i>Zoology in the Middle East</i> . 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). <i>Arthropoda Selecta</i> . 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. <i>Compsobuthus</i> Vachon, 1949 (Buthidae), with a description of <i>C. eritreaensis</i> sp. n. <i>Euscorpius</i> . 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 <i>Compsobuthus</i> 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 <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 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 <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 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 Compsobuthus Vachon, 1949 from Yemen, Jordan, Israel, and Somaliland (Scorpiones:Buthidae). Euscorpius. 2012 (150):1-10.
<i>Compsobuthus lowei</i> Lourenco & Duhem, 2012	Synonymization  New sp.	  Oman, United Arab Emirates	Synonymized with <i>C. setosus</i> Hendrixson, 2006.	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.  Lourenço WR, Duhem B. Two new species of scorpions from the Arabian Peninsula belonging to the genera Butheolus Simon and compsobuthus Vachon. Zoology in the Middle East. 2012;55:121-6.
<i>Compsobuthus nematodactylus</i> Lowe, 2009	New sp.	Oman		Lowe G. A new lithophilic Compsobuthus Vachon, 1949 (Scorpiones: Buthidae) from northern Oman. Euscorpius. 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. Euscorpius.

				2008(67):1-33.
<i>Compsobuthus indicus</i> Kovarik & Ahmed, 2011	New sp.	Pakistan		Kovarik F, Ahmed Z. Compsobuthus indicus sp. n. from Pakistan (Scorpiones: Buthidae). Euscorpius. 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 Compsobuthus, Hottentotta, 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>Femtobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Femtobuthus shutuae</i> Lowe, 2010	New sp.	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<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). Euscorpius. 2013 (173):1-19.
<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). Euscorpius. 2013 (173):1-19.
<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). Euscorpius. 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). Euscorpius. 2013 (173):1-19.
<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). Arachnida - Rivista Aracnologica Italiana. 2015;1(2):50-63.
<i>Gint marialuisae</i> Rossi 2015	New sp.	Somalia		Rossi A. Revisione del genere <i>Gint</i> 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 <i>Gint</i> 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 <i>Gint</i> Kovařik et al., 2013, with Description of Two New Species from Somaliland and Somalia (Puntland)

				(Scorpiones: Buthidae). Euscorpius. 2015 (209):1-23.
<i>Grosphus bicolor</i> Lourenco, 2012	New sp.	Madagascar		Lourenco WR. A new species of Grosphus 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		Lourenco WR, Wilme L. Three new species of Grosphus Simon 1880, (Scorpiones: Buthidae) from Madagascar; possible vicariant cases within the Grosphus bistratus group of species. Madagascar Conservation & Development. 2016;11(2):1-14.
<i>Grosphus ganzhorni</i> Lourenco, Wilme & Waeber, 2016	New sp.	Madagascar		Lourenco WR, Wilme L, Waeber PO. One more vicariant new species of Grosphus simon, 1880 (Scorpiones: Buthidae) from Madagascar. Revista Iberica de Arachnologia. 2016(29):45-50.
<i>Grosphus magalieae</i> Lourenco, 2014	New sp.	Madagascar		Lourenco WR. The genus Grosphus Simon, 1880 in South- Western Madagascar, with the description of a new species (Scorpiones, Buthidae). Zoosystema. 2014;36(3):631-45.
<i>Grosphus makay</i> Lourenco &	New sp.	Madagascar		Lourenco WR, Wilme L.

Wilme, 2015				Scorpions collected in the Makay mountain range, Madagascar (Scorpiones: Hormuridae, Buthidae) and with description of a new species. <i>Revista Iberica de Arachnologia</i> . 2015 (26):55-61.
<i>Grosphus mayottensis</i> Lourenco & Goodman, 2009	New sp.	Mayotte (France), Comoros Archipelago		Lourenco WR, Goodman SM. Scorpions from the Comoros Archipelago: Description of a new species of <i>Grosphus</i> Simon (Scorpiones, Buthidae) from Mayotte (Maore). <i>Boletin Sociedad Entomológica Aragonesa</i> . 2009; (44):35-8.
<i>Grosphus rossii</i> Lourenco, 2013	New sp.	Madagascar		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		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. <i>Madagascar Conservation &amp; Development</i> . 2016;11(2):1-14.
<i>Grosphus voahangyae</i>	New sp.	Madagascar		Lourenco WR, Wilme L. Species

Lourenco & Wilme, 2015				of <i>Grosphus</i> Simon, 1880, associated to the group <i>madagascariensis</i> / <i>hirtus</i> (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		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>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, <i>Physoctonus</i> ,

				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 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 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 aridicola</i> (Teruel & Armas, 2012)	New status		Restored from synonymy (see below).	De Armas LF. Revalidation of Three Recently Synonymized Cuban Species of Heteroctenus Pocock, 1893 (Scorpiones: Buthidae: Centruroidinae). Euscorpius. 2017(248):1-3.
	New status		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

	New sp.	Cuba		<p>scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of <i>Heteroctenus</i>, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). <i>Bulletin of the American Museum of Natural History</i>. 2017(415):1-134.</p> <p>Teruel R, de Armas LF. Nueva especie de <i>Rhopalurus</i> Thorell, 1876 de Cuba Oriental, con algunas consideraciones sobre sus congeneres Antillanos (Scorpiones: Buthidae). <i>Boletín de la SEA</i>. 2012(50):209-17.</p>
<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 <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). <i>Bulletin of the American Museum of Natural History</i> . 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> (Teruel, 200)	New status		Restored from synonymy (see below).	De Armas LF. Revalidation of Three Recently Synonymized Cuban Species of Heteroctenus Pocock, 1893 (Scorpiones: Buthidae: Centruroidinae). Euscorpius. 2017(248):1-3.
	New status		Synonymized with <i>Heteroctenus</i>	Esposito LA, Yamaguti HY,



			<i>gibarae</i> (Teruel, 2006).	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.
<i>Heteroctenus melloleitaoui</i> (Teruel & Armas, 2006)	New status		Restored from synonymy (see below).	De Armas LF. Revalidation of Three Recently Synonymized Cuban Species of <i>Heteroctenus</i> Pocock, 1893 (Scorpiones: Buthidae: <i>Centruroidinae</i> ). <i>Euscorpius</i> . 2017(248):1-3.

	New status		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, <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 princeps</i> (Karsch, 1879)	New comb.		Previously <i>Rhopalurus princeps</i> (Karsch, 1879)	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>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	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

			this this taxa should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	electrophoresis of its venom. Int J Biol Biotech. 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, 1861).	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 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 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. <i>Revista Iberica de Arachnologia</i> . 2014 (24):15-8.
<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. <i>Aracnida - Rivista Arachnologica Italiana</i> . 2016;2(10):34-44.
<i>Hottentotta khoozestanus</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>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. <i>Illustrated catalogue</i>

	New sp.	Chad		<p>of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.</p> <p>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.</p>
<i>Hottentotta mazuchi</i> Kovarik, 2013	New sp.	Kenya		<p>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.</p>
<i>Hottentotta minusalta</i> Vachon, 1959	New status	Afghanistan	Previous status: <i>Hottentotta alticola minusalta</i> Vachon, 1959.	<p>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</p>

				Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<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. <i>Euscorpius</i> . 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. <i>Euscorpius</i> . 2010(103):1-23.
<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. <i>Arachnida - Rivista Arachnologica Italiana</i> . 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 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</i>

				songi Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). Euscorpius. 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. Euscorpius. 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>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, <i>Physoctonus</i> , <i>Rhopalurus</i> , 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 atherii</i> Amir & Kamaluddin, 2008	New sp.	Pakistan	Published in 2008, but I learn about the paper in spring 2012.	Amir R, Kamaluddin S. Revision of the genus <i>Isometrus</i> Hemprich & Ehrenberg (Scorpionida: Buthidae: Centruurinae) with description of two new species and cladistic relationship from Pakistan. Pakistan J Entomol. 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. C R Biol. 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 Compsobuthus, Hottentotta, <i>Isometrus</i> , Lychas 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. Euscorpilus. 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 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 Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus liaqatii</i> Amir & Kamaluddin, 2008	New sp.	Pakistan	Published in 2008, but I learn about the paper in spring 2012.	Amir R, Kamaluddin S. Revision of the genus <i>Isometrus</i> Hemprich

				& Ehrenberg (Scorpionida: Buthidae: Centruurinae) with description of two new species and cladistic relationship from Pakistan. Pakistan J Entomol. 2008;23(1&2):31-40.
<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 sankeriensis</i> Tikander & Bastawade, 1983	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. Euscorpius. 2003;10:1-19.
<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). Acta Zootaxonomica Sinica. 2008;33(2):264-71.
<i>Jaguajir</i> Esposito, Yamaguti, Souza, Pinto da Roacha & 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> ,

				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 agagemmon</i> (C. L. Koch, 1839)	New comb.		Previous <i>Rhopalurus agagemmon</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>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>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. Lanzatus, Orthochirus, and Somalicharmus (Buthidae), with Description of Lanzatus somalilandus sp. n. and Orthochirus afar sp. n. Euscorpius. 2016(232):1-38.
<i>Leiurus abdullahbayrami</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. Euscorpius. 2009; (85):1-20.
<i>Leiurus arabicus</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Saudi Arabia		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus

				Leiurus Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. Euscorpius. 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 Leiurus Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. Euscorpius. 2014 (191):1-129.
<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 Leiurus Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. Euscorpius. 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 Leiurus Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. Euscorpius. 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 Leiurus Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula.

				Euscorpius. 2014 (191):1-129.
<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. Euscorpius. 2014 (191):1-129.
<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. Euscorpius. 2014 (191):1-129.
	New sp.	Yemen		Kovarik F. <i>Leiurus nasheri</i> sp. nov. from Yemen (Scorpiones, Buthidae). Acta Soc Bohem. 2007;71:137-41
<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). Comptes Rendus Biologies. 2014;337(6):416-22.
<i>Lychas aareyensis</i> Mirza & Sanap, 2010	New sp.	India		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. Journal of Threatened Taxa. 2010;2(4):789-96.
<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). Arthropoda Selecta. 2013;22(1):33-40.
<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 Compsobuthus, Hottentotta, Isometrus, <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 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 Compsobuthus, Hottentotta, Isometrus, <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 Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<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 "Anantheris 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 Scorpio armillatus Gervais, 1841 = Lychas armillatus(Gervais) (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2013 (23):117-8.
<i>Lychas kaimana</i> Lourenco, 2011	<i>Nomen dubium</i>  New sp.	  West papua, Indonesia	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.  Lourenco WR. Scorpions from West Papua, Indonesia and description of a new species of Lychas C. L. Koch, 1845 (Scorpiones: Buthidae). Entomol Mitt Zool Mus Hamburg. 2011;15(186):317-26.

<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 bolensis</i> Sun, Zhu & Lourenco, 2010	New sp.	China		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 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, with descriptions of four new species (Scorpiones, Buthidae). <i>Euscorpius</i> . 2007(58):1-107.
<i>Mesobuthus karshius</i>	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 longichelus</i> Sun & Zhu, 2010	New sp.	China		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 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



Lourenco, 2003	N. comb.		New combination: <i>Ananteris minor</i> (Lourenco, 2003)	group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletin de la SEA. 2011(48):105-13.  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). Zootaxa. 2011(2747):37-52.
<i>Microananteroides</i> Rossi & Lourenco, 2015	Synonymization  New genus	Ghana	Synonymized with <i>Akentrobuthus</i> Lamoral, 1976	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). Euscorpius. 2017(246):1-7.  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). Onychium. 2015;11:3-9.
<i>Microananteroides mariachiarae</i> Rossi &	Synonymization		Synonymized with <i>Akentrobuthus atakora</i> Vignoli et Prendini, 2008	Kovarik F, Teruel R, Lowe G. <i>Microananteroides mariachiarae</i>

Lourenco, 2015	New sp.	Ghana		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.  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.
<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.
Microcharmidae	Synonymization		Family synonymised with Buthidae. All genera and species transferred to	Volschenk ES, Mattoni CI, Prendini L. Comparative

			Buthidae.	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.
<p><i>Microcharmus</i> Lourenço, 1995</p> <p><i>M. bemaraha</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. cloudsleythompsoni</i> Lourenço, 1995</p> <p><i>M. confluenciatus</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. duhemi</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. fisheri</i> Lourenço, 1998</p> <p><i>M. hauseri</i> Lourenço, 1996</p> <p><i>M. jussarae</i> Lourenço, 1996*</p> <p><i>M. maculatus</i> Lourenço, 1996</p> <p><i>M. madagascariensis</i> Lourenço, 1999*</p> <p><i>M. pauliani</i> (Lourenço, 2004)*</p> <p><i>M. sabineae</i> Lourenço, 1996</p> <p><i>M. variegatus</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. violaceous</i> Lourenço, Goodman &amp; Fisher, 2006*</p>	Transferred to new family		Genera and species transferred from Microcharmidae (synonymized 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. Zoological Journal of the Linnean Society. 2008;154(4):651-75.
<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 bividentorum</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 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-Trujillo & Noriega, 2008	New Sp.	Colombia		Botero-Trujillo R, Noriega JA. 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). Euscorpius. 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  Synonymization		Restored to species status.  Synonymised with <i>M. rickyi</i> Kjellesvig-Waering, 1966 in 2001, but not registered by me until November 2009.	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.  Prendini L. Further additions to the scorpion fauna of Trinidad and Tobago. J Arachnol. 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). Euscorpius. 2015 (208):1-15
<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 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. Euscorpius. 2016(224):1-46.
<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. Ecology of Desert Environments. 2001:171-83.
<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 <i>Neobuthus</i> Hirst, 1911 (Buthidae), from Ethiopia and Eritrea. Euscorpius. 2016(224):1-46.
<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. C R Biol. 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. Zoological Journal of the Linnean Society. 2008;154(4):651-75.
<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 <i>Odontobuthus</i> 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 <i>Odontobuthus</i> (Scorpiones: Buthidae) from northern Oman. Euscorpius. 2010(96):1-22.
<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). Euscorpius. 2013 (170):1-29.
<i>Odontobuthus tirkari</i> Mirshamsi, Azghadi,	New sp.	Iran		Mirshamsi O, Azghadi S, Navidpour S, Aliabadian M,

Navidpour, Aliabadian & Kovarik, 2013				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>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. <i>Euscorpius</i> . 2016(232):1-38.
<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 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 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). Euscorpius. 2013 (170):1-29.
<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. Journal of Threatened Taxa. 2009;1(12):621-3.
<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). Euscorpius. 2011(135):1-6.
<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 tassili</i> Lourenco	New sp.	Algeria		Lourenco WR, Leguin E-A.

& Leguin, 2011				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>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. <i>ZooKeys</i> . 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 abyssinicus</i> Pocock, 1901	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 glabrimanus</i> Prendini & Esposito, 2010	New sp.	Namibia		Prendini L, Esposito LA. A reanalysis of <i>Parabuthus</i> (Scorpiones: Buthidae) phylogeny with descriptions of two new <i>Parabuthus</i> species endemic to the Central Namib gravel plains, Namibia. <i>Zoological Journal of the Linnean Society</i> . 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. <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 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 setiventer</i> Prendini & Esposito, 2010	New sp.	Namibia		Prendini L, Esposito LA. A reanalysis of <i>Parabuthus</i> (Scorpiones: Buthidae) phylogeny with descriptions of two new <i>Parabuthus</i> species endemic to the Central Namib gravel plains, Namibia. <i>Zoological Journal of the Linnean Society</i> . 2010;159(3):673-710.
<i>Paraorthochirus</i>	Synonymized with <i>Orthochirus</i>		Species transfered to <i>Orthochirus</i> : <i>P. blandini</i> <i>P. glabrifrons</i> <i>P. goyffoni</i> <i>P. kaspareki</i> <i>P. kinzelbachi</i> <i>P. stockwelli</i>	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>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>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>Picobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae)

				from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Picobuthus dundoni</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Picobuthus wahibaensis</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<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> . <i>American Museum Novitates</i> . 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>R. acanthurus</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>R. assamensis</i> (Oates, 1888)	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. basilicusi</i> (Karsch, 1879)	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. besucheti</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>R. bilyi</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. 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>R. ceylonensis</i> Kovarik, Lowe, Ranawana, Hoferek, Jayarathne & Stahlavsky,	New sp.	Sri Lanka		Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions

2016				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. corbeti</i> (Tikander & Batawade, 1983)	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>R. deharvengi</i> (Lourenço & Duhem, 2010)	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>R. feti</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 Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<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. Euscorpius. 2016 (220):1-133.
<i>R. 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. Euscorpius. 2016 (220):1-133.
<i>R. jendeki</i> (Kovarík, 2013)	New comb.		Previously in genus <i>Isometrus</i>	Kovarik F, Lowe G, Ranawana

			Ehrenberg, 1828.	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. khammamensis</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. 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>R. 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>R. 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>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. navaiaae</i> (Kovarík, 1998)	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>R. neradi</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 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.	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. <i>Euscorpius</i> . 2016 (220):1-133.
<i>R. problematicus</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 <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. <i>Euscorpius</i> . 2016 (220):1-133.
<i>R. ranawanai</i> Kovarik, 2016	New sp.	Sri Lanka		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>Euscorpius</i> . 2016 (220):1-133.
<i>R. rigidulus</i> (Pocock, 1897)	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 Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<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 Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 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 Charmus 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. Euscorpium. 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	de Armas LF. Quince nuevos alacranes de La Espanola y

			unknown reasons. Added 10.09.09. Thanks to M.A.C. Cozijn for informing me about this.	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 Rhopalurus caribensis Teruel & Roncallo, 2008, actually a junior synonym of Rhopalurus laticauda Thorell, 1876 (Scorpiones: Buthidae)? A necessary reply. Revista Iberica de Arachnologia. 2013 (23):112-

	Synonymization		Synonymized with <i>R. laticauda</i> Thorell, 1876.	4. 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 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.

	New status		<p>Previously regarded as a junior synonym for <i>Rhopalurus laticauda</i>, and given subspecies rank as <i>R. laticauda pinto</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>Teruel R, Tietz AK. The true identity of <i>Rhopalurus pinto</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). <i>Euscorpius</i>. 2008(70):1-14.</p>
<i>Rhopalurus dorsomaculatus</i> Prado, 1938	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	<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>
<i>Rhopalurus goiasensis</i> Prado, 1940	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	<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</p>



				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	New status		<i>Jaguajir agamemnon</i> (C.L. Koch,	Esposito LA, Yamaguti HY,

and Mello, 1922			1839).	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 pinto</i>	New status		<p><b>Is now <i>Jaguajir pinto</i>. See there for details.</b></p> <p>The authors show that <i>Rhopalurus pinto</i> is a senior synonym of <i>R. piceus</i></p>	<p>Teruel R, Tietz AK. The true identity of <i>Rhopalurus pinto</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). <i>Euscorpius</i>. 2008(70):1-14.</p>
<i>Rhopalurus virkkii</i> Santiago-Blay, 2009	New status		Synonymized with <i>Heteroctenus abudi</i> (Armas and Marcano Fondeur, 1987).	<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>
	New sp.	Puerto Rico		<p>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-</p>

				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. <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 sp.	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>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>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 betshi</i> Lourenco, Qi & Goodman, 2008	New species	Madagascar		Lourenco WR, Qi JX, Goodman SM. The identity of <i>Tityus baroni</i> (Pocock, 1890) (Scorpiones, Buthidae) and

				description of three new species from Madagascar. Boletín Sociedad Entomológica Aragonesa. 2008(42):89-102
<i>Tityobuthus chelbergorum</i> Lourenco, Qi & Goodman, 2008	New species	Madagascar		Lourenco WR, Qi JX, Goodman SM. The identity of <i>Tityus baroni</i> (Pocock, 1890) (Scorpiones, Buthidae) and description of three new species from Madagascar. Boletín Sociedad Entomológica Aragonesa. 2008(42):89-102
<i>Tityobuthus lokobe</i> Lourenco, Waeber & Wilme, 2016	New sp.	Madagascar		Lourenco WR, Waeber PO, Wilme L. The geographical pattern of distribution of the genus <i>Tityobuthus</i> Pocock, 1890, a typical Ananterinae element endemic to Madagascar (Scorpiones: Buthidae). C R Biol. 2016. Article in Press.
<i>Tityusobuthus lucileae</i> Lourenco, 1996	Synonymization		Synonymised with <i>Tityobuthus baroni</i> (Pocock, 1890)	Lourenco WR, Qi JX, Goodman SM. The identity of <i>Tityus baroni</i> (Pocock, 1890) (Scorpiones, Buthidae) and description of three new species from Madagascar. Boletín Sociedad Entomológica Aragonesa. 2008(42):89-102.
<i>Tityobuthus mccarteri</i> Lourenco, Qi & Goodman, 2008	New species	Madagascar		Lourenco WR, Qi JX, Goodman SM. The identity of <i>Tityus baroni</i> (Pocock, 1890) (Scorpiones, Buthidae) and

				description of three new species from Madagascar. Boletín Sociedad Entomológica Aragonesa. 2008(42):89-102
<i>Tityus acananensis</i> Gonzalez Sponga, 2009	New sp.	Venezuela		Gonzalez Sponga MA. Biodiversidad en Venezuela. Aracnidos. Descripción de cuatro nuevas especies del género <i>Tityus</i> Koch, 1836 (Escorpiones: Buthidae) de los estados Bolívar 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. 2009(1987):1-38.
<i>Tityus alejandroi</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. 2017(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 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 carolineae</i> Kovarik, Teruel, Cozijn & Seiter, 2013	New status		Restored to species status.	Teruel R, Kovarik F, Lowe G, Friedrich S. Complements to the Taxonomy of Some Amazonian Scorpions (Scorpiones: Buthidae). Euscorpius. 2017(245):1-7.
	Synonymization		Synonymized with <i>T. metuendus</i> Pocock, 1897.	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, Guyana		Kovarik F, Teruel R, Cozijn MAC, Seiter M. <i>Tityus carolineae</i> sp. n. from Suriname and Guyana (Scorpiones:



				Buthidae). <i>Euscorpius</i> . 2013 (178):1-9.
<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). <i>Boletín de la SEA</i> . 2011(48):367-73.
<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, Ramóñez, 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

	Synonymization		Synonymized with <i>T. gasci</i> Lourenco, 1981.	Scorpions (Scorpiones: Buthidae). <i>Euscorpius</i> . 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. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2016;7:1-17.
	New sp.	Peru		Kovarik F, Teruel R, Lowe G, Friedrich S. Four new scorpion species (Scorpiones: Buthidae) from Amazonian Peru. <i>Euscorpius</i> . 2015 (210):1-40.
<i>Tityus duacaensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. <i>Arachnidos. Descripcion de cuatro nuevas especies del genero Tityus Koch, 1836 (EScorpiones: Buthidae) de la region centro occidental de Venezuela. 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. Bol Acad C Fis Mat 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. Euscorpius. 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". Bol Acad C Fis Mat y Nat. 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). Euscorpius. 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. Entomological News. 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. Boletin Sociedad Entomológica Aragonesa. 2008(43):75-9.
<i>Tityus grahami</i> Lourenco, 2012	New sp.	Brazil		Lourenco WR. Further considerations on <i>Tityus (Archaeotityus) 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 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 horacioi</i> Lourenco & Leguin, 2011	New sp.	Bolivia		Lourenco WR, Leguin E-A. Une nouvelle espece de <i>Tityus</i> de

				Bolivia, appartenant au sous-genre <i>Tityus</i> et au groupe d'espèces " <i>Tityus bolivianus</i> " (Scorpiones, Buthidae). Boletín 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. <i>Tityus tenuicauda</i> 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. Descripción de dos nuevas especies del género <i>Tityus</i> Koch, 1836 (Buthidae) y dos especies del género <i>Chactas</i> Gervais, 1844 (Chactidae). Bol Acad C Fis Mat y Nat. 2008;58 (1):39-65.
<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 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. 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 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 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</i> ( <i>Atreus</i> ) <i>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. Arachnidos. Descripción de cuatro nuevas especies del género <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de la región 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,	New sp.	Peru		Kovarik F, Teruel R, Lowe G, Friedrich S. Four new scorpion

2015				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 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 septentrionalis</i> Armas & Abud, 2004	Synonymization		Synonymized with <i>Tityus portoplatensis</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. Euscorpius. 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). Euscorpius. 2011(125):1-26.
<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. J Arachnol. 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 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 Scorpions (Scorpiones: Buthidae). Euscorpius. 2017(245):1-7.
	Synonymization		Synonymized with <i>T. silvestris</i> Pocock, 1897.	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 -

	New sp.	Peru		Rivista Aracnologica Italiana. 2016;7:1-17.  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 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		Reinstated as species. See paper for details.	Ythier E. Additional biological data on <i>Tityus ythieri</i> Lourenço, 2007. Le bulletin d'Arthropoda. 2011(44):3-7.
	Synonymization		Synonymised with <i>Tityus</i>	Kovarik F, Stahlavsky F,

			<i>magnimanus</i> Pocock, 1897.	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. <i>Euscorpius</i> . 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, <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>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. African Invertebrates. 2015;56(2):499-513.
<i>Uroplectes malawicus</i> Prendini, 2015	New sp.	Malawi		Prendini L. Three new Uroplectes (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. American Museum Novitates. 2015 (3840):1-32.
<i>Uroplectes katangensis</i> Prendini, 2015	New sp.	Democratic Republic of Congo		Prendini L. Three new Uroplectes (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 Uroplectes Peters, 1861	Kovarik F, Lowe G, Hoferek D, Pliskova J, Stahlavsky F. Scorpions of Ethiopia. Part IV. Genus Uroplectes Peters, 1861 (Scorpiones : Buthidae). Euscorpius. 2016 (217):1-14.

<i>Uroplectoides abyssinicus</i> Lourenco, Lourenco, 1998	Synonymization		Synonymized with <i>Uroplectes 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). <i>Euscorpius</i> . 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). <i>Euscorpius</i> . 2016 (217):1-14.
<i>Vachoniolus batinahensis</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 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. <i>Pakistan J Entomol</i> . 2009;24(1&2):19-26.
<i>Zabius gaucho</i> Acosta, Candido, Buckup & Brescovit, 2008	New sp.	Brazil	The article has an ID key for <i>Zabius</i> .	Acosta LE, Candido DM, 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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