

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

Taxa	Status	Distribution	Comments	Reference
<i>Afghanobuthus</i> Lourenco, 2005	Synonymization		Synonymized with <i>Mesobuthus</i> Vachon, 1950	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Afghanobuthus naumanni</i> Lourenco, 2005	Synonymization		Synonymized with <i>Mesobuthus parthorum</i> (Pocock, 1889).	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>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</i>

				of Arachnology. 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 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 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>	New sp.	Brazil		Lourenco WR, Aguiar-Neto MB,

Lourenco, Aguiar-Neto & Limeira-de-Oliveira, 2009				Limera-de-Oliveira F. A new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) from the state of Maranhao, Brazil. <i>Boletin 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>Boletin 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	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 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) " UPEL: Caracas – Venezuela. [Correct reference will be included later]
<i>Ananteris caucaguitensis</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 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	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 cisandinus</i> Lourenco, 2015	New sp.	Peru		Lourenco WR. Comments on the Ananterinae 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 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 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) " UPEL: Caracas – Venezuela. [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	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 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 of Arachnology</i> . 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 hemispermatophore for the taxonomy of the group. <i>Zootaxa</i> . 2011(2904):1-44.
	New sp.	Colombia		Teruel R, Roncallo CA. A new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones: buthidae) from the Caribbean region of Colombia. <i>Euscorpius</i> . 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.crv.2012.06.005
<i>Ananteris kalina</i> Ythier, 2018	New sp.	French Guiana		Ythier E. A synopsis of the scorpion fauna of French Guiana, with description of four new species. <i>ZooKeys</i> . 2018(764):27-90.
<i>Ananteris kuryii</i> Giupponi,	New sp.	Brazil		Giupponi APD, de Vasconcelos

Vasconcelos & Lourenco, 2009				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 – Venezuela</i> . [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. Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 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 – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris otoviano</i> Lira, Pordeus & Ribeiro de Albuquerque, 2017	New sp.	Brazil		Lira AFA, Pordeus LM, Ribeiro de Albuquerque CM. A New species of <i>Ananteris</i> (Scorpiones: Buthidae) from Caatinga biome, Brazil. Acta Arachnologica. 2017;66(1):9-15.
<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) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris paracotoensis</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 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) " UPEL: Caracas – Venezuela. [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) " UPEL: Caracas – Venezuela. [Correct reference will be included later]
<i>Ananteris riocaurensis</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 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 – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris sepulvedai</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 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) " UPEL: Caracas – Venezuela. [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. Zootaxa. 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). Euscorpius. 2013(168):1-10.
<i>Androctonus donarei</i> Rossi, 2015	New sp.	Morocco		Rossi A. Tre nuove specie di importanza medica del genere

				Androctonus Ehrenberg, 1828 (Scorpiones: Buthidae). Aracnida - Rivista Arachnologica Italiana. 2015;5(Supplemento):2-20.
<i>Androctonus eburneus</i> (Pallery, 1928)	New status		The species <i>Androctonus eburneus</i> (= <i>Prionurus eburneus</i> Pallary, 1928), previously synonymised to <i>Androctonus amoreuxi</i> (Audouin, 1826), is revalidated.	Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Togo (Scorpiones, Buthidae). Entomol Mitt Zool Mus Hamburg. 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). Euscorpius. 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). Arthropoda Selecta. 2012;21(4):307-38.
<i>Androctonus robustus</i> Kovarik & Ahmed, 2013	New sp.	Pakistan		Kovarik F, Ahmed Z. A Review of <i>Androctonus finitimus</i> (Pocock, 1897), with Description of Two New Species from Pakistan and India (Scorpiones, Buthidae). Euscorpius.

				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 tigras</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). <i>Entomol Mitt Zool Mus Hamburg</i> . 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). <i>Aracnida - Rivista Arachnologica Italiana</i> . 2015;5(Supplemento):2-20.
<i>Androctonus turieli</i> Teruel & Kovarik, 2014	Synonymization		Synonymized with <i>A. aeneas</i> C. L. Koch, 1839.	Teruel R, Kovarik F. Redescription of <i>Androctonus bicolor</i> Ehrenberg, 1828, and Description of <i>Androctonus turieli</i> sp. n. from Tunisia (Scorpiones: Buthidae). <i>Euscorpius</i> . 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. <i>Aracnida - Rivista Arachnologica Italiana</i> . 2015;1(5):11-9.
<i>Anomalobuthus talebii</i> Teruel, Kovarik, Navidpour & Fet, 2014	New sp.	Eastern Iran		Teruel R, Kovarik F, Navidpour S, Fet V. The First Record of the Genus <i>Anomalobuthus</i> Kraepelin, 1900 from Iran, with Description of a New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2014 (192):1-10.
<i>Anomalobuthus krivochatskyi</i>	New sp.	Central		Teruel R, Kovarik F, Fet V.

Teruel, Kovarik & Fet, 2018		Uzbekistan and extreme southern Kazakhstan		Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Anomalobuthus lowei</i> Teruel, Kovarik & Fet, 2018	New sp.	Southeastern Kazakhstan),		Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Anomalobuthus pavlovskyi</i> , Teruel, Kovarik & Fet, 2018	New sp.	South-central Kazakhstan and extreme northern Turkmenistan).		Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Anomalobuthus zarudnyi</i> (Birula, 1911)	New comb.	South-central Kazakhstan and extreme northern Turkmenistan).	Previous name <i>Psammobuthus zarudnyi</i> Birula, 1911.	Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(270):1-45.
<i>Babycurus bringnolii</i>	Nomen dubia			Kovarik F, Lowe G, Stahlavsky

Lourenco & Rossi, 2017	New sp.	Central African Republic		F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41. Lourenco WR, Rossi A. A new species of <i>Babycurus</i> Karsch, 1886 from dry Savannahs in Central African Republic (Scorpiones: Buthidae). <i>Onychium</i> . 2017;13:3-8.
<i>Babycurus dunlopi</i> Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015	New sp.	Ethiopia		Kovarik F, Lowe G, Seiter M, Pliskova J, Stahlavsky F. Scorpions of Ethiopia (Arachnida: Scorpiones). Part II. Genus <i>Babycurus</i> Karsch, 1886 (Buthidae), with description of two new species. <i>Euscorpius</i> . 2015 (196):1-31.
<i>Babycurus ornatus</i> Werner, 1936	Synonymization		Synonymized with <i>Lychas burdoi</i> (Simon, 1882).	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.

<i>Babycurus taramassoi</i> Borelli, 1919	New status	Ethiopia	Raised from subspecies status. Previous name <i>B. wituensis taramassoi</i> Borelli, 1919	Kovarik F, Lowe G, Seiter M, Pliskova J, Stahlavsky F. Scorpions of Ethiopia (Arachnida: Scorpiones). Part II. Genus <i>Babycurus</i> Karsch, 1886 (Buthidae), with description of two new species. <i>Euscorpius</i> . 2015 (196):1-31.
<i>Barbaracurus</i> Kovarik, Lowe & Stahlavsky, 2018	New genus	Arabian peninsula, Horn of Africa, Nigeria, Cameroon	Contains many species previously included in <i>Babycurus</i> Karsch, 1886.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Barbaracurus exquisitus</i> (Lowe, 2000)	New comb.		Previously <i>Babycurus exquisitus</i> (Lowe, 2000)	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Barbaracurus prudenti</i> (Lourenco, 2013)	New comb.		Previously <i>Babycurus prudenti</i> Lourenco, 2013.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two

	New sp.	Cameroon		<p>new species from Oman and Yemen. <i>Euscorpius</i>. 2018(267):1-41.</p> <p>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.</p>
<i>Barbaracurus sofomarensis</i> (Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015)	New comb.		Previously <i>Babycurus sofomarensis</i> Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
	New sp.	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>Barbaracurus somalicus</i> (Hirst, 1907)	New comb.		Previsously <i>Babycurus somalicus</i> (Hirst, 1907).	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of

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

Kovarik, Lowe, Seiter, Pliskova &Stahlavsky, 2015				F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Barbaracurus zambonellii</i> (Borelli, 1902)	New comb.		Previsously <i>Babycurus zambonellii</i> Borelli, 1902.	Kovarik F, Lowe G, Stahlavsky F. Review of the genus <i>Babycurus</i> Karsch, 1886 (Arachnida, Scorpiones, Buthidae), with descriptions of <i>Barbaracurus</i> gen. n. and two new species from Oman and Yemen. <i>Euscorpius</i> . 2018(267):1-41.
<i>Buthacus agarwali</i> Zambre & Lourenco, 2010	New sp.	India	First record of <i>Buthacus</i> in India.	Zambre AM, Lourenco WR. A new species of <i>Buthacus</i> Birula, 1908 (Scorpiones, Buthidae) from India. <i>Boletin de la SEA</i> . 2010 (46):115-9.
<i>Buthacus ahaggar</i> Lourenco, Kourim & Sadine, 2017	New sp.	Algeria		Lourenco WR, Kourim ML, Sadine SE. Scorpions from the region of Tamanrasset, Algeria. Part I. A new species of <i>Buthacus</i> Birula, 1908 (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017;3(8):31-41.
<i>Buthacus armasi</i> Lourenco,	Synonymized		Synonymized with <i>Buthacus</i>	Kovarik F. Notes on the Genera

2013	New sp.	Algeria	leptochelys (Ehrenberg, 1829).	<p>Buthacus, Compsobuthus, and Lanzatus with Several Synonymies and Corrections of Published Characters (Scorpiones: Buthidae). Euscorpius. 2018(269):1-12.</p> <p>Lourenco WR. The Buthacus 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.</p>
<i>Buthacus elmenia</i> Lourenco & Sadine, 2017	New sp.	Algeria		<p>Lourenco WR, Sadine SE, Bissati S, Houtia A. The genus Buthacus 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.</p>
<i>Buthacus golovatchi</i> Lourenco, Duhem & Cloudsley-Thompson, 2012	New sp.	Chad		<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:</p>

				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 <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 mahraouii</i> Lourenço, 2004	Synonymization		Synonymized with <i>Buthacus zieglerei</i> Lourenco, 2000.	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 maliensis</i> Lourenço & Qi,2007	Synonymization		Synonymized with <i>Androctonus aleksandrplotkini</i> Lourenço & Qi, 2007.	Kovarik F. Notes on the Genera <i>Buthacus</i> , <i>Compsobuthus</i> , and <i>Lanzatus</i> with Several Synonymies and Corrections of Published Characters (Scorpiones: Buthidae). Euscorpius. 2018(269):1-12.
<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). <i>Revista Iberica de Arachnologia</i> . 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). <i>Aracnida - Rivista Arachnologica Italiana</i> . 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). <i>Euscorpius</i> . 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). <i>Zoology in the Middle East</i> . 2009;46:103-11.
<i>Butheoleus ferrugineus</i> Kraepelin, 1898	New combination	Djibouti, Ethiopia, Somaliland,	New status <i>Neobuthus ferrugineus</i> (Kraepelin, 1898)	Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i>

		Somalia		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. Euscorpius. 2015 (195):1-10.

<i>Butheoloides savanicola</i> Lourenco, 2013	New sp.	Cameroon		Lourenço WR. The remarkable peri-Saharan distribution of the genus <i>Butheoloides</i> Hirst (Scorpiones, Buthidae), with the description of a new species from Cameroon. <i>Comptes Rendus - Biologies</i> . 2013;In Press.
<i>Butheoloides vanderberghi</i> Lourenco, 2015	New sp.	Chad		Lourenco WR. Deux nouvelles espèces de scorpions de la famille des Buthidae C. L. Koch, 1837 collectées dans le Parc National de Zakouma au Tchad. <i>Revista Iberica de Arachnologia</i> . 2015 (26):19-24.
<i>Butheolus harrisoni</i> Lowe, 2018	New sp.	Oman		Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. <i>Euscorpius</i> . 2018(261):1-73.
<i>Butheolus hallani</i> Lourenco & Rossi, 2017	New name		Old name <i>Butheolus pallidus</i> Lourenco & Duhem, 2012 is not available and a new replacement name is proposed.	Lourenco WR, Rossi A. A new substitute name for <i>Butheolus pallidus</i> Lourenço et Duhem, 2012 (Scorpiones, Buthidae), species described from United Arab Emirates/Oman. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017;3(13):42-4.
<i>Butheolus pallidus</i> Lourenco & Duhem, 2012	New sp.	Oman, United Arab Emirates		Lourenço WR, Duhem B. Two new species of scorpions from the Arabian Peninsula belonging

				to the genera <i>Butheolus</i> Simon and <i>compsobuthus</i> Vachon. <i>Zoology in the Middle East</i> . 2012;55:121-6.
<i>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 scientific journal before it is valid. Because of this this taxa should be	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

			treated as <i>nomina dubia</i> (Victor Fet, personal communication).	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. Euscorpium. 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. Euscorpium. 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 boussaadi</i> Lourenço, Chichi & Sadine, 2018	New sp.	Algeria		Lourenco WR, Chichi S, Sadine SE. A new species ff Buthus Leach, 1815 from the region of Bou Sâada-M'sila, Algeria; A possible case Of vicariance for the genus (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2018(32):15-20.
<i>Buthus 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). <i>Onychium</i> . 2017;13:9-15.
<i>Buthus duprei</i> Rossi & Tropea, 2016	New sp.	Sudan		Rossi A, Tropea G. A complementary study on the genus <i>Buthus</i> Leach, 1815 in Sudan with the description of a new species (Scorpiones: Buthidae). <i>Aracnida - Rivista Arachnologica Italiana</i> . 2016;8(2):24-31.
<i>Buthus egyptiensis</i> Lourenco, 2012	New sp.	Egypt		Lourenco WR, Cloudsley Thompson JL. A new species of <i>Buthus</i> Leach, 1815 from Egypt (Scorpiones, Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 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 <i>Buthus</i> (Leach, 1815) (Scorpiones, Buthidae) in Europe, with a description of a new species from Spain. <i>Bull Br Arach Soc</i> . 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 <i>Buthus</i> Leach, 1815 in Sudan with the description of a new species from the enclave of Karora (Scorpiones: Buthidae). <i>Onychium</i> . 2016;12:3-10.
<i>Buthus labuschagnei</i> Lourenco, 2015	New sp.	Chad		Lourenco WR. Deux nouvelles espèces de scorpions de la famille des Buthidae C. L. Koch, 1837 collectées dans le Parc National de Zakouma au Tchad. <i>Revista Iberica de Arachnologia</i> . 2015 (26):19-24.
<i>Buthus israelis</i> Shulov & Amitai, 1959	New status	Israel	Previous status: <i>Buthus occitanus Israelis</i> (Shulov & Amitai, 1959).	Lourenco WR, Yagmur EA, Duhem B. A new species of <i>Buthus</i> Leach, 1815 from Jordan. <i>Zoology in the Middle East</i> . 2010;49:95-9.

<i>Buthus kunti</i> Yagmur, Koc & Lourenco, 2011	New sp.	Cyprus		Yagmur EA, Koc H, Lourenco WR. A new species of <i>Buthus</i> Leach, 1815 from Cyprus (Scorpiones, Buthidae). <i>ZooKeys</i> . 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</i>

				Entomológica Aragonesa. 2009; (44):71-5.
<i>Buthus orientalis</i> Lourenco & Simon, 2012	New sp.	Egypt		Lourenco WR, Simon E. Confirmation of a new species of <i>Buthus</i> Leach, 1815 from Alexandria, Egypt (Scorpiones, Buthidae). <i>Serket</i> . 2012;13(1/2):8-15.
<i>Buthus oudjanii</i> Lourenco, 2017	New sp.	Morocco		Lourenco WR. Encore une nouvelle espece de <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) pour le nord-est d Maroc. <i>Revista Iberica de Arachnologia</i> . 2017;31:59-63.
<i>Buthus parroti</i> Vachon, 1949	New status	Morocco	Previously <i>Buthus atlantis parroti</i> Vachon, 1949.	Sousa P, Arnedo MA, Harris DJ. Updated catalogue and taxonomic notes on the Old-World scorpion genus <i>Buthus</i> Leach, 1815 (Scorpiones, Buthidae). <i>ZooKeys</i> . 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. <i>Euscorpius</i> . 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). <i>Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg</i> . 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 altagraciaae</i> Teruel, de Armas & Kovarik, 2015	New sp.	Hispaniola, Dominican Republic		Teruel R, de Armas LF, Kovarik F. Two new species of scorpions (Scorpiones: Buthidae, Scorpionidae) from Dominican Republic, Greater Antilles. Revista Iberica de Arachnologia. 2015 (27):13-33.
<i>Centruroides baergi</i>	New status		Raised to species rank from subspecies status. Previous name <i>C. nigrovariatus baergi</i> . Paper from	de Armas LF, Martin Frias E. Complementos a la taxonomía de <i>Centruroides nigrovariatus</i> y

			1999, but not listed in The Scorpion Files until mars 2008.	<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 caribbeanus</i> Teruel & Myers, 2017	New sp.	Mexico, Honduras		Teruel R, Myers B. A New Island Species of <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) from the Southwestern Caribbean. Euscorpius. 2017(252):1-14.
<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. Revista Mexicana de Biodiversidad. 2011;82:1163-75.
<i>Centruroides edwadsii</i> (Gervais, 1843)	New comb.	Mexico, El Salvador,	See paper for details.	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i>

		Honduras, Nicaragua, Costa Rica, Colombia, Cuba & Senegal (introduced)		(Gervais, 1841) and closely related species (Scorpiones: Buthidae). Euscorpis. 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. Journal of Arachnology. 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. Boletin de la SEA. 2010(47):235-40.
<i>Centruroides franckei</i> Santibanez-Lopez & Contreras-Felix, 2013	New sp.	Mexico		Santibanez-Lopez CE, Contreras-Felix GA. Two new species of <i>Centruroides</i> Marx 1890 (Scorpiones: Buthidae) from Oaxaca, Mexico. Zootaxa. 2013;3734(2):130-40.
<i>Centruroides granosus</i> (Thorell, 1876)	New status	Panama	Raised to species status.	de Armas LF, Trujillo RE. Nueva especie de <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) de Guatemala y Honduras, America Central. Boletin de la SEA.

				2010(47):235-40.
<i>Centruroides haitiensis</i> Lourenco, 2016	Synonymization New sp.	Haiti	Synonymized with <i>Centruroides alayoni</i> Armas, 1999.	De Armas LF. First Record of <i>Centruroides alayoni</i> Armas, 1999 (Scorpiones: Buthidae) from Haiti, Greater Antilles. <i>Euscorpius</i> . 2017(244):1-3. Lourenco WR. A new species of <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) from the Island of 'Grande Cayemite' in Haiti. <i>Arachnida - Rivista Aracnologica Italiana</i> . 2016;8:16-23.
<i>Centruroides 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. <i>Boletin de la SEA</i> . 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 Centruroides (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 Centruroides (Scorpiones: Buthidae) from Quiché, Northwestern Guatemala. Euscorpius. 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. Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Centruroides lauriadnae</i> Ponce-Saavedra & Francke, 2019	New sp.	Mexico		Ponce-Saavedra J, Francke OF. Una especie nueva de alacrán del género Centruroides (Scorpiones: Buthidae) del noroeste de México. Revista Mexicana de Biodiversidad. 2019;90:e902660.
<i>Centruroides lucidus</i> Teruel, Armas & Kovarik, 2015	New sp.	The Dominican Republic		Teruel R, De Armas LF, Kovarik F. A New Species of Centruroides Marx, 1890 (Scorpiones: Buthidae) from Southern Hispaniola, Greater Antilles. Euscorpius. 2015 (198):1-18.

<i>Centruroides margaritatus</i> (Gervais, 1841)	New distribution	Northwestern South America (Peru, Ecuador and Colombia) and introduced to Cuba and Jamaica.	See paper for details.	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: buthidae). <i>Euscorpius</i> . 2011(132):1-16.
<i>Centruroides mariaorum</i> Santiago-Blay, 2009	Synonymization New sp.	 Puerto Rico	Synonymized with <i>Centruroides bani</i> Armas & Marcano Fondeur, 1988.	Teruel R, Rivera MJ, Sanchez AJ. The Scorpion Fauna of Mona Island, Puerto Rico (Scorpiones: Buthidae, Scorpionidae). <i>Euscorpius</i> . 2017(250):1-15. 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, Buthidae) 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	de Armas LF, Martin Frias E. Complementos a la taxonomía de <i>Centruroides nigrovariatus</i> y <i>C. elegans</i> (Scorpiones:

			until mars 2008.	Buthidae) de México. Anales de la Escuela Nacional de Ciencias Biológicas. 1999;44:27-35.
<i>Centruroides morenoi</i>	Synonymization		Synonymized with <i>Centruroides margaritatus</i> (Gervais, 1841)	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: buthidae). Euscorpius. 2011(132):1-16.
	New status	Jamaica, Cuba (introduced), Trinidad?	Raised to species rank from subspecies status by Armas & Maes, 1998. Info and reference from Alex Tietz in Mars 2008, and verified by Rolando Teruel.	de Armas LF, Maes J-M. Lista anotada de los Alcranes (Arachnida: Scorpiones) de America Central, con algunas consideraciones biogeograficas. Rev Nica Ent. 1998;46:23-38
<i>Centruroides ornatus</i> Pocock, 1902	New status	Mexico	Previously treated as a subspecies to <i>Centruroides infamatus</i> (C. L. Kock, 1844).	de Armas LF, Martin Frias E. El genero <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) en el estado de Veracruz, Mexico. Boletin Sociedad Entomológica Aragonesa. 2008(43):7-22.
<i>Centruroides panamensis</i> Arias & Esposito, 2014	New sp.	Panama		Arias DQ, Esposito LA. A new species of <i>Centruroides</i> Marx (Scorpiones: Buthidae) from Panama and new distribution records for <i>Centruroides bicolor</i> (Pocock, 1898) and <i>Centruroides granosus</i> (Thorell, 1876). Zootaxa. 2014;3795(3):373-82.
<i>Centruroides poncei</i> Teruel, Kovarik, Baldazo-Monsivais	New sp.	Mexico		Teruel R, Kovarik F, Baldazo Monsivaiz JG, Hoferek D. A

& Hoferek, 2015				new species of <i>Centruroides</i> of the "nigrovariatus" group (Scorpiones: Buthidae) from southern Mexico. <i>Revista Iberica de Arachnologia</i> . 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. <i>Zootaxa</i> . 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. <i>Revista Mexicana de Biodiversidad</i> . 2016;In Press, Corrected Proof.
<i>Centruroides sanandres</i> Armas, Sarmiento & Florez, 2012	New sp.	San Andres, Colombia		de Armas LF, Sarmiento DL, Florez D E. Composicion de genero <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) en Colombia, con la descripcion de una nueva especie. <i>Boletin de la SEA</i> . 2012(50):105-14.
<i>Centruroides sasae</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis.

				Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Centruroides serrano</i> Santibanez-Lopez & Ponce-Saavedra, 2009	New sp.	Mexico		Santibanez-Lopez CE, Ponce-Saavedra J. A new species of <i>Centruroides</i> (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). Revista Mexicana de Biodiversidad. 2009;80:71-84.
<i>Centruroides tenuis</i> Thorell, 1876	New status	Hispaniola, Greater Antilles	Have previously had an unclear status. See paper for details. <i>Centruroides zayasi</i> Armas, 1976 is a junior synonym of <i>C. tenuis</i> .	Teruel R. The true taxonomic identity of <i>Centruroides tenuis</i> (Thorell, 1876) and <i>Centruroides zayasi</i> Armas, 1976 (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 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. ? Novitates Caribaea 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. Revista Mexicana de Biodiversidad. 2013;84:100-16.
<i>Chaneke</i> Francke, Teruel & Santibanez-Lopez, 2014	New genus	Mexico		Francke OF, Teruel R, Santibanez-Lopez CE. A new genus and a new species of scorpion (Scorpiones: Buthidae) from southeastern Mexico. Journal of Arachnology. 2014;42:220-32.
<i>Chaneke alicae</i> (Armas &	New comb.		Previous name <i>Tityopsis alicae</i>	Francke OF, Teruel R,

Frias, 1998)			Armas & Frias, 1998	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,

	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.	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. 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 <i>Cicileus</i> 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 <i>Cicileus</i> 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 <i>Compsobuthus</i> 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 <i>Buthus atrostriatus</i> , but later transferred to <i>Vachonus atrostriatus</i> by Tikader & Bastawade, 1983. Also reported as <i>Mesobuthus eupeus atrostriatus</i> by some authors. The current decision is based on an examination of the type. NB! Navidpour et al., 2011 forgot to mention the taxa's status in <i>Vachonus</i> in their discussion of the taxa's status.	Navidpour S, Ezatkhah 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>	Synonymization		Synonymized with <i>Sassanidotus</i>	Kovarik F. Family Buthidae. In:

Kovarik, 2003			<i>gracilis</i> (Birula, 1900)	Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Compsobuthus birulai</i> Lourenco, Leguin & Duhem, 2010	New sp.	United Arab Emirates		Lourenço WR, Leguin EA, Duhem B. Notes on the type material of <i>Compsobuthus acutecarinatus</i> (Simon, 1882) and <i>C. maindroni</i> (Kraepelin, 1900), and description of a new species from United Arab Emirates. <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. eritreensis</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). <i>Boletin Sociedad Entomológica Aragonesa</i> . 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). Euscorpius. 2012 (150):1-10.
<i>Compsobuthus levyi</i> Kovarik, 2012	New sp.	Jordan, Israel		Kovarik F. Three New Species of <i>Compsobuthus</i> Vachon, 1949 from Yemen, Jordan, Israel, and Somaliland (Scorpiones:Buthidae). 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 <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212. Lourenço WR, Duhem B. Two new species of scorpions from the Arabian Peninsula belonging to the genera <i>Butheolus</i> Simon and <i>compsobuthus</i> Vachon. <i>Zoology in the Middle East</i> . 2012;55:121-6.
<i>Compsobuthus maidensis</i> Kovarik, 2018	New sp.	Somaliland		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVI. <i>Compsobuthus maidensis</i> sp. n. (Buthidae) from Somaliland. <i>Euscorpius</i> . 2018(260):1-11.
<i>Compsobuthus</i>	New sp.	Oman		Lowe G. A new lithophilic

<i>nematodactylus</i> Lowe, 2009				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> Lourenço, 2009	New sp.	Mali		Lourenço WR. A new species of <i>Compsobuthus</i> Vachon, 1949 from Mali (Scorpiones, Buthidae). Acta Biológica Paranaense. 2009;38(1-2):1-8.
<i>Compsobuthus williamsi</i> Lourenço, 1999	Synonymization		Synonymized with <i>Compsobuthus matthiesseni</i> (Birula, 1905).	Kovarik F. Notes on the Genera <i>Buthacus</i> , <i>Compsobuthus</i> , and <i>Lanzatus</i> with Several Synonymies and Corrections of Published Characters (Scorpiones: Buthidae). Euscorpius. 2018(269):1-12.
<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 amoudensis</i> Kovarik,	New sp.	Somaliland		Kovarik F, Lowe G, Just P,

Lowe, Just, Awale, Elmi & Stahlavsky, 2018				Awale AI, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of the genus <i>Gint</i> Kovařík et al., 2013, with description of three new species from Somaliland (Scorpiones, Buthidae). <i>Euscorpius</i> . 2018(259):1-41.
<i>Gint basfasae</i> Kovarik & Lowe, 2019	New sp.	Somaliland		Kovarik F, Lowe G. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVIII. <i>Gint banfasae</i> sp. n. from Somaliland (Buthidae). <i>Euscorpius</i> . 2019(272):1-14.
<i>Gint calviceps</i> (Pocock, 1900)	New comb.		Previous name <i>Buthacus calviceps</i> Pocock, 1900.	Kovarik F, Lowe G, Pliskova J, Stahlavsky F. A New Scorpion Genus, <i>Gint</i> gen. n., from the Horn of Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2013 (173):1-19.
<i>Gint childsi</i> Kovarik, 2018	New sp.	Kenya		Kovarik F. A New Scorpion Species from Kenya, <i>Gint childsi</i> sp. n. (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(266):1-9.
<i>Gint dabakalo</i> Kovarik & Mazuch, 2015	New sp.	Somaliland		Kovarik F, Mazuch T. Review of the Genus <i>Gint</i> Kovařík et al., 2013, with Description of Two New Species from Somaliland and Somalia (Puntland) (Scorpiones: Buthidae). <i>Euscorpius</i> . 2015 (209):1-23.

<i>Gint gaitako</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2013	New genus	Ethiopia		Kovarik F, Lowe G, Pliskova J, Stahlavsky F. A New Scorpion Genus, <i>Gint</i> gen. n., from the Horn of Africa (Scorpiones: Buthidae). <i>Euscorpius</i> . 2013 (173):1-19.
<i>Gint gubanensis</i> Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Just P, Awale AI, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of the genus <i>Gint</i> Kovařík et al., 2013, with description of three new species from Somaliland (Scorpiones, Buthidae). <i>Euscorpius</i> . 2018(259):1-41.
<i>Gint insolitus</i> (Borelli, 1925)	New status		Previously <i>Buthus insolitus</i> Borelli, 1925	Rossi A. Revisione del genere <i>Gint</i> Kovarik, Lowe, Pliskova & Stahlavsky, 2013 in Somalia con la descrizione di due nuove specie (Scorpiones, Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2015;1(2):50-63.
<i>Gint maidensis</i> Kovarik, Lowe, Just, Awale, Elmi & Stahlavsky, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Just P, Awale AI, Elmi HSA, Stahlavsky F. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of the genus <i>Gint</i> Kovařík et al., 2013, with description of three new species from Somaliland

				(Scorpiones, Buthidae). Euscorpius. 2018(259):1-41.
<i>Gint marialuisae</i> Rossi 2015	New sp.	Somalia		Rossi A. Revisione del genere Gint Kovarik, Lowe, Pliskova & Stahlavsky, 2013 in Somalia con la descrizione di due nuove specie (Scorpiones, Buthidae). Arachnida - Rivista Aracnologica Italiana. 2015;1(2):50-63.
<i>Gint monicae</i> Rossi 2015	New sp.	Somalia		Rossi A. Revisione del genere Gint Kovarik, Lowe, Pliskova & Stahlavsky, 2013 in Somalia con la descrizione di due nuove specie (Scorpiones, Buthidae). Arachnida - Rivista Aracnologica Italiana. 2015;1(2):50-63.
<i>Gint puntlandus</i> Kovarik & Mazuch, 2015	New sp.	Somalia		Kovarik F, Mazuch T. Review of the Genus Gint 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 bistriatus 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 halleuxi</i> Lourenço, Wilme, Soarimalala & Waeber, 2017	New sp.	Madagascar		Lourenco WR, Wilme L, Soarimalala V, Waeber PO. Species of Grosphus Simon, 1880 associated to Grosphus simoni Lourenço, Goodman & Ramilyjaona, 2004 with description of two new species (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2017(30):61-9.
<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 & Wilme, 2015	New sp.	Madagascar		Lourenco WR, Wilme L. 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 rakotoariveloi</i> Lourenço, Wilme, Soarimalala & Waeber, 2017	New sp.	Madagascar		Lourenco WR, Wilme L, Soarimalala V, Waeber PO. Species of <i>Grosphus</i> Simon, 1880 associated to <i>Grosphus simoni</i> Lourenço, Goodman & Ramilyjaona, 2004 with description of two new species (Scorpiones: Buthidae). <i>Revista Iberica de Arachnologia</i> . 2017(30):61-9.
<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</i>

				Hamburg. 2013;16(189):57-62.
<i>Grosphus sabineae</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 bistriatus group of species. Madagascar Conservation & Development. 2016;11(2):1-14.
<i>Grosphus voahangyae</i> Lourenco & Wilme, 2015	New sp.	Madagascar		Lourenco WR, Wilme L. Species of Grosphus Simon, 1880, associated to the group madagascariensis / hirtus (Scorpiones: Buthidae); description of a peculiar new species from the humid eastern forests of Madagascar. Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2015;17(194):207-23.
<i>Grosphus waeberi</i> Lourenco & Wilme, 2016	New sp.	Madagascar		Lourenco WR, Wilme L. Three new species of Grosphus Simon 1880, (Scorpiones: Buthidae) from Madagascar; possible vicariant cases within the Grosphus bistriatus group of species. Madagascar Conservation & Development. 2016;11(2):1-14.
<i>Hemibuthus umarii</i>	New sp.	Pakistan		Amir R, Kamaluddin S, Khan AJ. A new species of the genus

				<i>Hemibuthus</i> Pocock (Arachnida: Scorpionida: Buthidae) from Pakistan with special reference to chromatography and electrophoresis of its venom. Int J Biol Biotech. 2004;1(4):489-95
<i>Heteroctenus</i> Pocock, 1893	New status		Revalidated from synonymization	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <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>). 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, <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>). Bulletin of the American Museum of Natural History. 2017(415):1-134.

<i>Heteroctenus aridicola</i> (Teruel & Armas, 2012)	New status		Restored from synonymy (see below).	De Armas LF. Revalidation of Three Recently Synonymized Cuban Species of <i>Heteroctenus</i> Pocock, 1893 (Scorpiones: Buthidae: Centruroidinae). <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.
	New sp.	Cuba		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.
<i>Heteroctenus bonettii</i> (Armas, 1999)	New comb.		Previously <i>Rhopalurus bonettii</i> Armas, 1999.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed

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

				Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Heteroctenus granulimanus</i> (Teruel, 200)	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: Centruroidinae). <i>Euscorpius</i> . 2017(248):1-3.
	New status		Synonymized with <i>Heteroctenus gibarae</i> (Teruel, 2006).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>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: Rhopalurusinae). Bulletin of the American Museum of Natural History. 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: Centruroidinae). <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: Rhopalurusinae). Bulletin of the American Museum of Natural History. 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: Rhopalurusinae). Bulletin of the American Museum of Natural History. 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 this this taxa should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	Amir R, Kamaluddin S, Kahn AJ. A new species of the genus <i>Buthotus</i> Vachon (Arachnida: Scorpionida: Buthidae) from Pakistan with special reference to chromatography and electrophoresis of its venom. 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. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, <i>Hottentotta</i> , Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
	New sp.	Chad		Lourenco WR, Duhem B, Cloudsley Thompson JL. Scorpions from Ennedi, Kapka and Tibesti, the mountains of Chad, with descriptions of nine new species (Scorpiones: Buthidae, Scorpionidae). <i>Arthropoda Selecta</i> . 2012;21(4):307-38.
<i>Hottentotta mazuchi</i> Kovarik, 2013	New sp.	Kenya		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera

				Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta minusalta</i> Vachon, 1959	New status	Afghanistan	Previous status: <i>Hottentotta alticola minusalta</i> Vachon, 1959.	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta navidpouri</i> Kovarik, Yagmur & Moradi, 2018	New sp.	Iran		Kovarik F, Yagmur EA, Moradi M. Two New Hottentotta Species from Iran, with a Review of <i>Hottentotta saulcyi</i> (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(265):1-14.
<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,	New sp.	Southern India		Lourenco WR. New

2015				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 sistaensis</i> Kovarik, Yagmur & Moradi, 2018	New sp.	Iran		Kovarik F, Yagmur EA, Moradi M. Two New <i>Hottentotta</i> Species from Iran, with a Review of <i>Hottentotta saulcyi</i> (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(265):1-14.
<i>Hottentotta somalicus</i> Kovarik, 2018	New sp.	Somalia		Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XIV. <i>Hottentotta somalicus</i> sp. n. (Buthidae) from Somalia. <i>Euscorpius</i> . 2018(256):1-8.
<i>Hottentotta songi</i> (Lourenco, Qi & Zhu, 2005)	New combination		Previously assigned to <i>Mesobuthus</i> (as <i>Mesobuthus songi</i>)	Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the generic position of <i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2010:1-8.

<i>Hottentotta sousai</i> Turiel, 2014	New sp.	Morocco		Turiel C. A New Species of <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from Southern Morocco. <i>Euscorpius</i> . 2014 (181):1-9.
<i>Hottentotta trailini</i> Kovarik, 2013	New sp.	Ethiopia		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Hottentotta ugandaensis</i> Kovarik, 2013	New sp.	Uganda		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>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 <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and descriptions of two new genera

				and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>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: Centruirinae) 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, Isometrus, 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. Euscorpius. 2016 (220):1-133.

<i>Isometrus hainanensis</i> Lourenço, 2005	Synonymization		Synonymized with <i>Isometrus petrzekai</i> Kovarik, 2003	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus jendeki</i> Kovarik, 2013	New sp.	Malaysia		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Isometrus 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: Centururinae) 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. <i>Euscorpius</i> . 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). <i>Acta Zootaxonomica Sinica</i> . 2008;33(2):264-71.
<i>Jaguajir</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New genus	North and northeastern South America		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and <i>Troglorhopalurus</i> , revalidation of <i>Heteroctenus</i> , and

				descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Jaguajir agamemmon</i> (C. L. Koch, 1839)	New comb.		Previous <i>Rhopalurus agamemmon</i> C. L. Koch, 1839.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, 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,	New comb.		Previous <i>Rhopalurus rochae</i> Borelli,	Esposito LA, Yamaguti HY,

1910)			1910.	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 abduallahbayrami</i> Yagmur, koc & Kunt, 2009	New sp.	Turkey		Yagmur EA, Koc H, Kunt KB. Description of a new species of <i>Leiurus</i> Ehrenberg, 1828 (SCorpiones: Buthidae) from Southeastern Turkey. 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 <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species

				from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus brachycentrus</i> (Ehrenberg, 1829)	New status	Saudi Arabia & Yemen	Restored from synonymy.	Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus haenggii</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Saudi Arabia, Oman & Yemen		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus heberti</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Oman		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus hebraeus</i> (Birula, 1908)	New status		Elevated to species status. Previous status: <i>Leiurus quinquestriatus hebraeus</i> (Birula, 1908)	Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus hoggarensis</i> Lourenco, Kourim & Sadine,	New sp.	Algerie		Lourenco WR, Kourim ML, Sadine SE. Scorpions from the

2018				region of Tamanrasset, Algeria. Part II. A new African species of the genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2018;4(16):3-14.
<i>Leiurus macroctenus</i> Lowe, Yagmur & Kovarik, 2014	New sp.	Oman		Lowe G, Yagmur EA, Kovarik F. A Review of the Genus <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with Description of Four New Species from the Arabian Peninsula. <i>Euscorpius</i> . 2014 (191):1-129.
<i>Leiurus 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. <i>Euscorpius</i> . 2014 (191):1-129.
	New sp.	Yemen		Kovarik F. <i>Leiurus nasheri</i> sp. nov. from Yemen (Scorpiones, Buthidae). <i>Acta Soc Bohem</i> . 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). <i>Comptes Rendus Biologies</i> .

				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. <i>Journal of Threatened Taxa</i> . 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). <i>Arthropoda Selecta</i> . 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 <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Lychas armillatus</i> (Gervais, 1841)	New status	Philippines	Restored from synonymy with <i>Lychas mucronatus</i> (Fabricius, 1798).	Lourenco WR. Redécouverte du type de <i>Scorpio armillatus</i> Gervais, 1841 = <i>Lychas armillatus</i> (Gervais) (Scorpiones: Buthidae). <i>Revista Iberica de Arachnologia</i> . 2013 (23):117-8.
<i>Lychas brehieri</i> Lourenco, 2017	New sp.	Myanmar		Lourenco WR. Comments on the genus <i>Lychas</i> C. L. Koch, 1845;

				proposition of a neotype for <i>Lychas scutilus</i> C. L. Koch, 1845 and a description of a new species from caves in north Myanmar (Scorpiones: Buthidae). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017;14:36-51.
<i>Lychas ceylonensis</i> Lourenco & Huber, 1999	Synonymization		Synonymized with <i>L. srilankensis</i> Lourenco, 1997	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . Prague: Clarion Productions; 2013. p. 145-212.
<i>Lychas cernickai</i> Kovarik, 2013	New sp.	Laos		Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera <i>Compsobuthus</i> , <i>Hottentotta</i> , <i>Isometrus</i> , <i>Lychas</i> and <i>Sassanidotus</i> . 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 <i>Compsobuthus</i> , <i>Hottentotta</i> ,

	New sp.	Indonesia		Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212. 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. shoplanti</i> (Oates, 1888)	Kovarik F. Family Buthidae. In: Kovarik F, Ojanguren Affilastro AA, editors. Illustrated catalogue of scorpions Part II Bothriuridae: Buthidae I, genera Compsobuthus, Hottentotta, Isometrus, Lychas and Sassanidotus. Prague: Clarion Productions; 2013. p. 145-212.
<i>Lychas inexpectatus</i> Lourenco, 2011	New sp.	Laos		Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. Boletin de la SEA. 2011(48):105-13.
<i>Lychas infuscatus</i> (Pocock, 1891)	Synonymization	Philippines	Synonymized with <i>Lychas armillatus</i> Gervais, 1841.	Lourenco WR. Redécouverte du type de Scorpio armillatus Gervais, 1841 = Lychas armillatus(Gervais) (Scorpiones: Buthidae). Revista Iberica de Arachnologia. 2013 (23):117-8.
<i>Lychas kaimana</i> Lourenco,	<i>Nomen dubium</i>		Still listed in the species list of The	Kovarik F. Family Buthidae. In:

2011	New sp.	West papua, Indonesia	Scorpion Files until further status updates.	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). Zoosystema. 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> . Journal of Arachnology. 2010;38:35-43.
<i>Mesobuthus brutus</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Iran		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus</i>

				caucasicus Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus elenae</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Tajikistan, Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the Mesobuthus caucasicus Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus fuscus</i> (Birula, 1897)	New status		Raised from synonymy. Previous name <i>Mesobuthus caucasicus fuscus</i> .	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the Mesobuthus caucasicus Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus galliano</i> Ythier, 2018	New sp.	Crete (Greece)		Ythier E. A new species of Mesobuthus Vachon, 1950 (Scorpiones: Buthidae) from Crete (Greece). Revista Iberica de Arachnologia. 2018(32):87-92.
<i>Mesobuthus gorelovi</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Kazakhstan, Turkmenistan, Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the Mesobuthus caucasicus Complex from Central Asia, with Descriptions

				of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus 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). Euscorpius. 2007(58):1-107.
<i>Mesobuthus intermedius</i> (Birula, 1897)	New status		Raised from synonymy. Previous name <i>Mesobuthus caucasicus intermedius</i> .	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<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. J Arachnol. 2011;39(1):59-75.
<i>Mesobuthus kaznakovi</i> (Birula, 1904)	New status		Raised from synonymy. Previous name <i>Mesobuthus caucasicus kaznakovi</i> .	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). Euscorpius. 2018(255):1-77.
<i>Mesobuthus kreuzbergi</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Tajikistan, Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus</i>

				caucasicus Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus longichelus</i> Sun & Zhu, 2010	New 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 mischi</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Afghanistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus nenilini</i> Fet, Kovarik, Gantenbein, Kaiser, Stewart & Graham, 2018	New sp.	Uzbekistan		Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2018(255):1-77.
<i>Mesobuthus parthorum</i> (Pocock, 1889)	New status		Raised from synonymy. Previous name <i>Mesobuthus caucasicus parthorum</i> .	Fet V, Kovarik F, Gantenbein B, Kaiser RC, Stewart AK, Graham MR. Revision of the <i>Mesobuthus caucasicus</i> Complex from Central Asia, with Descriptions of Six New Species (Scorpiones:

				Buthidae). <i>Euscorpium</i> . 2018(255):1-77.
<i>Mesobuthus phillipsi</i> (Pocock, 1889)	New status	Iran	Raised from subspecies. Previous name <i>Mesobuthus eupeus phillipsi</i> (Pocock, 1889)	Mirshamsi O, Sari A, Elahi E, Hosseinie S. <i>Mesobuthus eupeus</i> (Scorpiones: Buthidae) from Iran: A polytypic species complex. <i>Zootaxa</i> . 2011(2929):1-21.
<i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005	New combination		Transferred to <i>Hottentotta</i> (as <i>Hottentotta songi</i> (Lourenco, Qi & Zhu, 2005)). This decision was published almost simultaneously by two papers.	Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the generic position of <i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpium</i> . 2010:1-8. Sun D, Zhu M-S, Lourenco WR. A new species of <i>Mesobuthus</i> (Scorpiones: Buthidae) from Xinjiang, China, with notes on <i>Mesobuthus songi</i> . <i>Journal of Arachnology</i> . 2010;38:35-43.
<i>Microananteris</i> Lourenco, 2003	New status Synonymization		Returned to genus status. Synonymized with <i>Ananteris</i> Thorell, 1891	Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. <i>Boletín de la SEA</i> . 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). <i>Zootaxa</i> . 2011(2747):37-52.
<i>Microananteris minor</i> Lourenco, 2003	N. comb.		Returned to original name.	Lourenco WR. The "Ananteris group" (Scorpiones: Buthidae); suggested composition and possible links with other buthids. <i>Boletin de la SEA</i> . 2011(48):105-13.
	N. comb.		New combination: <i>Ananteris minor</i> (Lourenco, 2003)	Botero-Trujillo R, Noriega JA. On the identity of <i>Microananteris</i> , with a discussion on pectinal morphology, and description of a new <i>Ananteris</i> from Brazil (Scorpiones, Buthidae). <i>Zootaxa</i> . 2011(2747):37-52.
<i>Microananteroides</i> Rossi & Lourenco, 2015	Synonymization		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). <i>Euscorpius</i> . 2017(246):1-7.
	New genus	Ghana		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>Microananteroides mariachiarae</i> Rossi & Lourenco, 2015	Synonymization New sp.	 Ghana	Synonymized with <i>Akentrobuthus atakora</i> Vignoli et Prendini, 2008	Kovarik F, Teruel R, Lowe G. <i>Microananteroides mariachiarae</i> Rossi et Lourenço, 2015 is a Junior Synonym of <i>Akentrobuthus atakora</i> Vignoli et Prendini, 2008 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2017(246):1-7. 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). Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg. 2011;15(186):327-33.
Microcharmidae	Synonymization		Family synonymised with Buthidae. All genera and species transferred 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>Microcharmus</i> Lourenço, 1995 <i>M. bemaraha</i> Lourenço, Goodman & Fisher, 2006* <i>M. cloudsleythompsoni</i> Lourenço, 1995 <i>M. confluenciatus</i> Lourenço, Goodman & Fisher, 2006* <i>M. duhemi</i> Lourenço, Goodman & Fisher, 2006* <i>M. fisheri</i> Lourenço, 1998 <i>M. hauseri</i> Lourenço, 1996 <i>M. jussarae</i> Lourenço, 1996* <i>M. maculatus</i> Lourenço, 1996 <i>M. madagascariensis</i> Lourenço, 1999* <i>M. pauliani</i> (Lourenço, 2004)* <i>M. sabineae</i> Lourenço, 1996	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>M. variegatus</i> Lourenço, Goodman & Fisher, 2006* <i>M. violaceous</i> Lourenço, Goodman & Fisher, 2006*				
<i>Microbuthus satyrus</i> Lowe, Kovarik, Stockmann & Stahlavsky, 2018	New sp.	Oman, Yemen		
<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 eustatia</i> Armas, 2018	New sp.	British Virgin Islands		de Armas LF. A New Species of <i>Microtityus</i> from the British Virgin Islands, West Indies, and New Localities for Other

				Scorpions (Scorpiones: Buthidae, Scorpionidae). Euscorpius. 2018(264):1-10.
<i>Microtityus flavescens</i> Teruel, 2001	New status	Cuba	Previous status: <i>Microtityus fundorai flavescens</i> Teruel, 2001	Teruel R, Kovarik F. Scorpions of Cuba: Jakub Rolcik - Clarion Production; 2012 (page 98-101)
<i>Microtityus franckeri</i> Botero-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). <i>Euscorpius</i> . 2014 (180):1-11.
<i>Microtityus solegladi</i> Armas & Teruel, 2012	New sp.	Dominican Republic		de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012 (21):69-88.
<i>Microtityus starri</i> Lourenço & Huber, 1999	New status		Restored to species status.	de Armas LF, Teruel R. Revisión del género <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) en República Dominicana. Revista Iberica de Arachnologia. 2012(21):69-88.

	Synonymization		Synonymised with <i>M. rickyi</i> Kjellesvig-Waering, 1966 in 2001, but not registered by me until November 2009.	Prendini L. Further additions to the scorpion fauna of Trinidad and Tobago. 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>Microtityus vulcanicus</i> Teruel, 2019	New sp.	Cuba		Teruel R. A New Semidesert <i>Microtityus</i> Kjellesvig-Waering, 1966 (Scorpiones: Buthidae) from Southeast Cuba, Greater Antilles. Euscorpius. 2019(273):1-15.
<i>Neobuthus amoudensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Ethiopia, Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus awashensis</i> Kovarik & Lowe, 2012	New sp.	Ethiopia		Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i> Pocock and <i>Neobuthus</i> Hirst (Scorpions, Buthidae) with the

				description of a new species of <i>Neobuthus</i> from Ethiopia. Ecology of Desert Environments. 2001:171-83.
<i>Neobuthus erigavoensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neobuthus eritreaensis</i> Lowe & Kovarik, 2016	New sp.	Eritrea		Lowe G, Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part V. Two New Species of <i>Neobuthus</i> Hirst, 1911 (Buthidae), from Ethiopia and Eritrea. <i>Euscorpius</i> . 2016(224):1-46.
<i>Neobuthus facterio</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neobuthus ferrugineus</i>	New	Djibouti,	Previous status <i>Butheolus</i>	Lourenco WR. Taxonomic

(Kraepelin, 1898)	combination	Ethiopia, Somaliland, Somalia	<i>ferrugineus</i> Kraepelin, 1898	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 gubanensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus kloppersi</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Kenya		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). Euscorpius. 2018(271):1-81.
<i>Neobuthus kutcheri</i> Lowe & Kovarik, 2016	New sp.	Ethiopia		Lowe G, Kovarik F. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part V. Two New Species of <i>Neobuthus</i>

				Hirst, 1911 (Buthidae), from Ethiopia and Eritrea. <i>Euscorpius</i> . 2016(224):1-46.
<i>Neobuthus maidensis</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neobuthus montanus</i> Kovarik, Lowe, Awale, Elmi & Hurre, 2018	New sp.	Ethiopia, Somaliland		Kovarik F, Lowe G, Awale AI, Elmi HSA, Hurre AA. Scorpions of the Horn of Africa (Arachnida, Scorpiones). Part XVII. Revision of <i>Neobuthus</i> , with Description of Seven New Species from Ethiopia, Kenya and Somaliland (Buthidae). <i>Euscorpius</i> . 2018(271):1-81.
<i>Neogrosphus andrafiabe</i> Lourenco, Wilme & Waeber, 2015	New sp.	Madagascar		Lourenco WR, Wilme L, Waeber PO. More about the geographical distribution of the Malagasy genus <i>Neogrosphus</i> Lourenco, 1995 (Scorpiones: Buthidae) and description of a vicariant new species. <i>C R Biol</i> . 2015 Sep 1.
<i>Neoprotobuthus</i> Lourenço,	Transferred to		Genus and species transferred from	Volschenk ES, Mattoni CI,

2000* <i>N. intermedius</i> Lourenço, 2000*	new family		Microcharmidae (synonymised with Buthidae) to Buthidae.	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 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, Navidpour, Aliabadian & Kovarik, 2013	New sp.	Iran		Mirshamsi O, Azghadi S, Navidpour S, Aliabadian M, Kovařík F. <i>Odontobuthus tirkari</i> sp. Nov. (scorpiones, buthidae) from the eastern region of the iranian plateau. Zootaxa.

				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. Lanzatus, Orthochirus, and Somalicharmus (Buthidae), with Description of Lanzatus somalilandus sp. n. and Orthochirus afar sp. n. Euscorpius. 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 Orthochirus Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). Euscorpius. 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 Orthochirus Karsch, 1892 (Scorpiones: Buthidae) from Maharashtra, India. Euscorpius. 2011(107):1-12.
<i>Orthochirus carinatus</i> Navidpour, Kovarik, Soleglad & Fet, 2019	New sp.	Iran		Navidpour S, Kovarik F, Soleglad ME, Fet V. Scorpions of Iran (Arachnida, Scorpiones). Part X. Alborz, Markazi and Tehran Provinces with a Description of Orthochirus carinatus sp. n. (Buthidae). Euscorpius. 2019(276):1-20.

<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). <i>Euscorpius</i> . 2011(123):1-19.
<i>Orthochirus fomichevi</i> Kovarik, Yagmur, Fet & Hussen, 2019	New sp.	Turkey and Iraq		Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(278):1-31.
<i>Orthochirus gantenbeini</i> Kovarik, Yagmur, Fet & Hussen, 2019	New sp.	Iran		Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(278):1-31.
<i>Orthochirus goyffoni</i> (Lourenco & Vachon, 1995)	Synonymization		Synonymized with <i>O. farzanpayi</i> (Vachon & Farzanpay, 1987).	Navidpour S, Soleglad ME, Fet V, Kovarik F. Scorpions of Iran (Arachnida, Scorpiones). Part IX. Hormozgan Province, with a description of <i>Odontobuthus tavighiae</i> sp. n. (Buthidae). <i>Euscorpius</i> . 2013 (170):1-29.
<i>Orthochirus krishnai</i> Tikader & Bastawade	Redescription	India	Species considered <i>Nomen dubium</i> by Kovarik, 2004, but male is	Zambre AM, Bastawade DB. Description of male <i>Orthochirus</i>

			described and species status confirmed in present study.	krishnai (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). <i>Euscorpius</i> . 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). <i>Arthropoda Selecta</i> . 2012;21(4):307-38.
<i>Orthochirus navidpourii</i> Kovarik, Yagmur, Fet & Hussen, 2019	New sp.	Iran		Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with descriptions of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(278):1-31.
<i>Orthochirus mesopotamicus</i> Birula, 1918	New status	Iran	Elevated to species status. Previous status: <i>Orthochirus scrobiculosus mesopotamicus</i> Birula, 1918.	Kovarik F, Yagmur EA, Fet V, Hussen FS. A review of <i>Orthochirus</i> from Turkey, Iraq, and Iran (Khoozestan, Ilam, and Lorestan Provinces), with

				descriptions of three new species (Scorpiones: Buthidae). <i>Euscorpium</i> . 2019(278):1-31.
<i>Orthochirus tassili</i> Lourenco & Leguin, 2011	New sp.	Algeria		Lourenco WR, Leguin E-A. Further considerations on the species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). <i>Euscorpium</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>	New status	Eritrea, Djibouti,	Previous status: <i>Parabuthus liosoma</i>	Kovarik F, Lowe G, Pliskova J,

Pocock, 1901		central and north-eastern parts of Ethiopia),	<i>abyssinicus</i> Pocock, 1901	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 transferred to <i>Orthochirus</i> : <i>P. blandini</i> <i>P. glabrifrons</i> <i>P. goyffoni</i> <i>P. kasparki</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 amazonicus</i> Lourenco, 2017	New sp.	Brazil		Lourenco WR. A new species of <i>Physoctonus</i> Mello-Leitão, 1934 from the 'Campos formations' of southern Amazonia (Scorpiones, Buthidae). <i>ZooKeys</i> . 2017;711.
<i>Physoctonus striatus</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New sp.	Brazil		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, <i>Physoctonus</i> , <i>Rhopalurus</i> , and

				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>Picobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Picobuthus dundoni</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Picobuthus wahibaensis</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Psammobuthus</i> Birula, 1911	Synonymization		Synonymized with <i>Anomalobuthus</i> Kraepelin, 1900	Teruel R, Kovarik F, Fet V. Revision of the Central Asian scorpion genus <i>Anomalobuthus</i> Kraepelin, 1900, with descriptions of three new species and a generic synonymy (Scorpiones: Buthidae). Euscorpius. 2018(270):1-45.
<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).

				ZooKeys. 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. C R Biol. 2016;339(1):37-43.
<i>Razianus birulai</i> Tahir, Navidpour & Prendini, 2014	New sp.	Pakistan		Muhammad Tahir H, Navidpour S, Prendini L. First reports of <i>Razianus</i> (Scorpiones: Buthidae) from Iraq and Pakistan, descriptions of two new species, and redescription of <i>Razianus zarudnyi</i> . American Museum Novitates. 2014(3806):1-26.
<i>Razianus farzanpayi</i> Tahir, Navidpour & Prendini, 2014	New sp.	Pakistan		Muhammad Tahir H, Navidpour S, Prendini L. First reports of <i>Razianus</i> (Scorpiones: Buthidae) from Iraq and Pakistan, descriptions of two new species, and redescription of <i>Razianus zarudnyi</i> . American Museum Novitates. 2014(3806):1-26.
<i>Razianus xinjianganus</i> Lourenco, Sun & Zhu, 2010	New sp.	China		Lourenco WR, Sun D, Zhu M-S. <i>Razianus xinjianganus</i> sp. nov.: A new record genus and new species of (Scorpiones, Buthidae) from China. Journal of Hebei University (Natural Science Edition).

				2010;30(3):307-18.
<i>Reddyanus</i> Vachon, 1972	New status		Elevated from subgenus status in <i>Isometrus</i> Ehrenberg, 1828	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus 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. <i>Euscorpius</i> . 2016 (220):1-133.
<i>R. basilicusi</i> (Karsch, 1879)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. <i>Euscorpius</i> . 2016 (220):1-133.
<i>R. besucheti</i> (Vachon, 1982)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> Karsch, 1879 and <i>Reddyanus</i> Vachon, 1972, stat. n. <i>Euscorpius</i> . 2016 (220):1-133.
<i>R. bilyi</i> (Kovarík, 2003)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera <i>Charmus</i> 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, 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. corbeti</i> (Tikander & Batawade, 1983)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species

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

				of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. petrzekai</i> (Kovarík, 2003)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarík F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>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 Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 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 Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>R. rigidulus</i> (Pocock, 1897)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>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>	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. zideki</i> (Kovarík, 1994)	New comb.		Previously in genus <i>Isometrus</i> Ehrenberg, 1828.	Kovarik F, Lowe G, Ranawana KB, Hoferek D, Jayarathne VAS, Pliskova J, et al. Scorpions of Sri Lanka (Arachnida, Scorpiones: Buthidae, Chaerilidae, Scorpionidae) with Description of Four New Species of the Genera Charmus Karsch, 1879 and Reddyanus Vachon, 1972, stat. n. Euscorpius. 2016 (220):1-133.
<i>Rhopalurus acromelas</i> Lutz & Mello, 1922	New status		Synonymized with <i>Jaguajir agamemnon</i> (C.L. Koch, 1839)	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the

				American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus amazonicus</i> Lourenco, 1986	New status		Synonymized with <i>R. laticauda</i> Thorell, 1876.	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus bonettii</i> Armas, 1999	New sp.		New species in 1999, but has not be listed in the Scorpion Files by unknown reasons. Added 10.09.09. Thanks to M.A.C. Cozijn for informing me about this.	de Armas LF. Quince nuevos alacranes de La Espanola y Navassa, Antillas Mayores (Arachnida: Scorpiones). Avicennia. 1999;10/11:101-36.
<i>Rhopalurus brejo</i> Lourenco, 2014			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

	New sp.	Brazil		<p>History. 2017(415):1-134.</p> <p>Lourenco WR. The genus <i>Rhopalurus</i> Thorell, 1876 (Scorpiones: Buthidae) in northeast Brazil; a possible case of a vicariant species. <i>Acta Biologica Paranaense</i>, Curitiba. 2014;43(1-2):69-76.</p>
<i>Rhopalurus caribensis</i>	New status		Restored as valid species.	<p>Teruel R, Roncallo CA. Is <i>Rhopalurus caribensis</i> Teruel & Roncallo, 2008, actually a junior synonym of <i>Rhopalurus laticauda</i> Thorell, 1876 (Scorpiones: Buthidae)? A necessary reply. <i>Revista Iberica de Arachnologia</i>. 2013 (23):112-4.</p>
	Synonymization		Synonymized with <i>R. laticauda</i> Thorell, 1876.	<p>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.</p>
	New sp.	Colombia	New species from Colombia that previously have been confused with <i>R. laticauda</i> , which it is closely related to.	<p>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</p>

				description of a new species of the genus. <i>Euscorpium</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		Previously regarded as a junior synonym for <i>Rhopalurus laticauda</i> , and given subspecies rank as <i>R. laticauda pinto</i> . Teruel & 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.	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>Euscorpium</i> . 2008(70):1-14.
<i>Rhopalurus dorsomaculatus</i> Prado, 1938	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed

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

				Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus lambdophorus</i> Mello-Leitão, 1932	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839)	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus melleipalpus</i> Lutz and Mello, 1922	New status		<i>Jaguajir agamemnon</i> (C.L. Koch, 1839).	Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision of the neotropical club-tailed scorpions, Physoctonus, Rhopalurus, and Troglorhopalurus, revalidation of Heteroctenus, and descriptions of two new genera and three new species (Buthidae: Rhopalurusinae). Bulletin of the American Museum of Natural History. 2017(415):1-134.
<i>Rhopalurus ochoai</i> Esposito, Yamaguti, Souza, Pinto da Rocha & Prendini, 2017	New sp.	Venezuela		Esposito LA, Yamaguti HY, Souza CA, Pinto da Rocha R, Prendini L. Systematic revision

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

	New sp.	Puerto Rico		<p>of the neotropical club-tailed scorpions, <i>Physoctonus</i>, <i>Rhopalurus</i>, and <i>Troglorhopalurus</i>, revalidation of <i>Heteroctenus</i>, and descriptions of two new genera and three new species (Buthidae: <i>Rhopalurusinae</i>). <i>Bulletin of the American Museum of Natural History</i>. 2017(415):1-134.</p> <p>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.</p>
<i>Riftobuthus</i> Lourenco, Duhem & Cloudsley-Thompson, 2010	Synonymization New genus	Kenya	<p>Synonymized with <i>Parabuthus Pocock</i>, 1890.</p> <p>Probably a relictual taxa.</p>	<p>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.</p> <p>Lourenço WR, Duhem B, Cloudsley-Thompson JL. A new relictual buthid scorpion from the region of the Great Rift</p>

				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 New sp.	 Kenya	Synonymized with <i>Parabuthus pallidus</i> Pocock, 1895. Probably a relictual taxa.	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. 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.

				ZooKeys. 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 betschi</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. <i>Boletin Sociedad Entomológica Aragonesa</i> . 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. <i>Boletin Sociedad Entomológica Aragonesa</i> . 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>Tityobuthus 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. Boletin 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. Boletin Sociedad Entomológica Aragonesa. 2008(42):89-102
<i>Tityus acananensis</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 acutidens</i> Mello-Leitão, 1933	Synonymization		Synonymised with <i>Tityus serrulatus</i> Lutz & Mello, 1922 (junior	De Souza CAR, Candido DM, Lucas SM, Brescovit AD. On the

			synonym).	<i>Tityus stigmurus</i> complex (Scorpiones, Buthidae). Zootaxa. 2009(1987):1-38.
<i>Tityus alexandroi</i> Teruel, Rivera & Santos	New sp.	Island of Vieques, Puerto Rico.		Teruel R, Rivera MJ, Santos CJ. Two new scorpions from the Puerto Rican island of Vieques, Greater Antilles (Scorpiones: Buthidae). Euscorpius. 2015 (208):1-15
<i>Tityus anasilviae</i> Armas & Abud, 2004	Synonymization		Synonymized with <i>Tityus ottenwalderi</i> Armas, 1999.	Teruel R. Some Taxonomic Corrections to the Genus <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) in Hispaniola, Greater Antilles. Euscorpius. 2917(242):1-9.
<i>Tityus angelesae</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Tityus 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:

	Synonymization		Synonymized with <i>T. metuendus</i> Pocock, 1897.	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. 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.
	New sp.	Suriname, Guyana		
<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>Boletin de la SEA</i> . 2011(48):367-73.
<i>Tityus cisandinus</i> Lourenço & Ythier, 2017)	New sp.	Ecuador		Lourenco WR, Ythier E. Another new species from the rainforests of Ecuador (<i>Tityus cisandinus</i> Lourenço & Ythier, 2017). <i>Arachnida - Rivista Aracnologica Italiana</i> . 2017.
<i>Tityus crassicauda</i> Lourenco & Ythier, 2013	New sp.	Ecuador		Lourenço W, Ythier E. The remarkable scorpion diversity in the Ecuadorian Andes and

				description of a new species of <i>Tityus</i> C. L. Koch, 1836 (Scorpiones, Buthidae). <i>ZooKeys</i> . 2013 (307):1-13.
<i>Tityus curupi</i> Ojanguren-Affilastro, Adilardi, Cajade, Ramõarez, Ceccarelli & Mola, 2017	New sp.	Argentina		Ojanguren-Affilastro AA, Adilardi RS, Cajade R, Ramirez MJ, Ceccarelli FS, Mola LM. Multiple approaches to understanding the taxonomic status of an enigmatic new scorpion species of the genus <i>Tityus</i> (Buthidae) from the biogeographic island of Paraje Tres Cerros (Argentina). <i>PLoS One</i> . 2017;12(7):e0181337.
<i>Tityus cylindricus</i> (Karsch, 1879)	Species revalidated		See paper for details.	De Souza CAR, Candido DM, Lucas SM, Brescovit AD. On the <i>Tityus stigmurus</i> complex (Scorpiones, Buthidae). <i>Zootaxa</i> . 2009(1987):1-38.
<i>Tityus dillerorum</i> Kovarik, Teruel, Lowe & Friedrich, 2015	New status Synonymization		Restored to species status. Synonymized with <i>T. gasci</i> Lourenco, 1981.	Teruel R, Kovarik F, Lowe G, Friedrich S. Complements to the Taxonomy of Some Amazonian Scorpions (Scorpiones: Buthidae). <i>Euscorpius</i> . 2017(245):1-7. Lourenco WR. A propos de quelques amendements sur quelques especes du genre <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) de la

	New sp.	Peru		region amazonienne. Arachnida - 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 duacaensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de la region centro occidental de Venezuela. Bol Acad C Fis Mat y Nat. 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</i> <i>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</i> (<i>Archaeotityus</i>) <i>clathratus</i> C. L. Koch, 1844 and description of two associated new species (Scorpiones, Buthidae). <i>Boletin de la SEA</i> . 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. <i>Zootaxa</i> . 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). <i>Acta Biologica Venezuelica</i> . 2004;24(1):1-12.
<i>Tityus haetianus</i> Teruel & Santos, 2018	New sp.	Haiti		Teruel R, de los Santos G. Two New <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) From Hispaniola, Greater Antilles. <i>Euscorpius</i> . 2018;257:1-16.
<i>Tityus horacioi</i> Lourenco & Leguin, 2011	New sp.	Bolivia		Lourenco WR, Leguin E-A. Une nouvelle espece de <i>Tityus</i> de Bolivie, appartenant au sous-genre <i>Tityus</i> et au groupe d'especes " <i>Tityus bolivianus</i> " (Scorpiones, Buthidae). <i>Boletin</i>

				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 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 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. Descripción 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	New sp.	Venezuela		Gonzales-Sponga MA.

Sponga, 2007				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. Boletin 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. 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 panguana</i> Kovarik, Teruel, Lowe & Friedrich, 2015	New sp.	Peru		Kovarik F, Teruel R, Lowe G, Friedrich S. Four new scorpion species (Scorpiones: Buthidae) from Amazonian Peru. Euscorpius. 2015 (210):1-40.
<i>Tityus paraensis</i> Kraepelin,	Synonymization		Synonymized with the restored	Lourenco WR, Leguin E-A. The

1896			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>).	true indentity of <i>Scorpio (Atreus) obscurus</i> Gervais, 1843 (Scorpiones, Buthidae). <i>Euscorpium</i> . 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 schrammi</i> Teruel & Santos, 2018	New sp.	Dominican Republic		Teruel R, de los Santos G. Two New <i>Tityus</i> C. L. Koch, 1836 (Scorpiones: Buthidae) From Hispaniola, Greater Antilles. Euscorpius. 2018;257:1-16.
<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

	New sp.	Peru		region amazonienne. Arachnida - 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 magnimanus</i> Pocock, 1897.	Kovarik F, Stahlavsky F, Korinkova T, Kral J, van der Ende T. <i>Tityus ythieri</i> Lourenco, 2007 is a synonym of <i>Tityus magnimanus</i> Pocock, 1897 (Scorpiones: Buthidae): a combined approach using morphology, hybridization experiments, chromosomes and mitochondrial DNA. <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>Trypanothacus</i> Lowe, Kovarik, Stockmann & Stahlavsky, 2019	New genus	Arabian Peninsula		Lowe G, Kovarik F, Stockmann M, Stahlavsky F. <i>Trypanothacus</i> gen. n., a new genus of burrowing scorpion from the Arabian Peninsula (Scorpiones: Buthidae). <i>Euscorpius</i> . 2019(277):1-29.
<i>Trypanothacus barnesi</i> Lowe,	New sp.	Oman		Lowe G, Kovarik F, Stockmann

Kovarik, Stockmann & Stahlavsky, 2019				M, Stahlavsky F. Trypanothacus gen. n., a new genus of burrowing scorpion from the Arabian Peninsula (Scorpiones: Buthidae). Euscorpius. 2019(277):1-29.
<i>Trypanothacus buettikeri</i> (Hendrixson, 2006)	New comb.	Saudi Arabia	Previous status: <i>Buthacus buettikeri</i> Hendrixson, 2006.	Lowe G, Kovarik F, Stockmann M, Stahlavsky F. Trypanothacus gen. n., a new genus of burrowing scorpion from the Arabian Peninsula (Scorpiones: Buthidae). Euscorpius. 2019(277):1-29.
<i>Uroplectes andreae</i> Pocock, 1899	Synonymization		Synonymized with <i>Uroplectes occidentalis</i> Simon, 1876	Prendini L. Three new Uroplectes (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. American Museum Novitates. 2015 (3840):1-32.
<i>Uroplectes ansiedippenaarae</i> Prendini, 2015	New sp.	South Africa		Prendini L. A remarkably small species of Uroplectes 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 <i>Uroplectes</i> (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. American Museum Novitates. 2015 (3840):1-32.
<i>Uroplectes zambezicus</i> Prendini, 2015	New sp.	Mozambique, Zambia & Zimbabwe		Prendini L. Three new <i>Uroplectes</i> (Scorpiones, Buthidae) with punctate metasomal segments from tropical central Africa. American Museum Novitates. 2015 (3840):1-32.
<i>Uroplectoides</i> Lourenco, Lourenco, 1998	Synonymization		Synonymized with <i>Uroplectes</i> Peters, 1861	Kovarik F, Lowe G, Hoferek D, Pliskova J, Stahlavsky F. Scorpions of Ethiopia. Part IV. Genus <i>Uroplectes</i> Peters, 1861 (Scorpiones : Buthidae). <i>Euscorpius</i> . 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). Euscorpius. 2016 (217):1-14.
<i>Vachoniolus batinahensis</i> Lowe, 2010	New sp.	Oman		Lowe G. The genus <i>Vachoniolus</i> (Scorpiones: Buthidae) in Oman. <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, Ezatkhah 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>Xenobuthus</i> Lowe, 2018	New genus	Oman, Saudi Arabia, Yemen		Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. <i>Euscorpius</i> . 2018(261):1-73.
<i>Xenobuthus anthracinus</i> (Pocock, 1895)	New status		Previsouly status: <i>Butheolus anthracinus</i> (Pocock, 1895).	Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. <i>Euscorpius</i> . 2018(261):1-73.
<i>Xenobuthus arabicus</i> (Lourenço & Qi, 2006)	New status		Previous status: <i>Butheolus arabicus</i> Lourenço & Qi, 2006.	Lowe G. The genera <i>Butheolus</i> Simon, 1882 and <i>Xenobuthus</i> gen. nov. (Scorpiones: Buthidae) in Oman. <i>Euscorpius</i> . 2018(261):1-73.
<i>Xenobuthus xanthus</i> Lowe,	New sp.	Oman		Lowe G. The genera <i>Butheolus</i>

2018				Simon, 1882 and Xenobuthus gen. nov. (Scorpiones: Buthidae) in Oman. Euscorpius. 2018(261):1-73.
<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.