

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

Taxa	Status	Distribution	Comments	Reference
<i>Akentrobuthus atakora</i> Vignoli & Prendini, 2008	New sp.	Benin		Vignoli, V. and Prendini, L. (2008). A new species of <i>Akentrobuthus</i> Lamoral, 1976 (Scorpiones: Buthidae) from the Republic of Benin (Western Africa). <i>Journal of Afrotropical Zoology</i> 4, 61-70.
<i>Ananteris arcadioi</i> Botero-Trujillo, 2008	New Sp.	Colombia		Botero-Trujillo R. The scorpion genus <i>Ananteris</i> in Colombia: comments on the taxonomy and description of two new species (Scorpiones, Buthidae). <i>Journal of Arachnology</i> . 2008;36:287-99.
<i>Ananteris 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 –</i>

				Venezuela. [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. ZooKeys. [Article]. 2009; (13):29-41.
<i>Ananteris bianchinii</i> Lourenco, Aguiar-Neto & Limeira-de-Oliveira, 2009	New sp.	Brazil		Lourenco WR, Aguiar-Neto MB, Limeira-de-Oliveira F. A new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) from the state of Maranhao, Brazil. Boletín Sociedad Entomológica Aragonesa. 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. Boletín de la SEA. 2012(50):73-6.
<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) " UPEL: Caracas – Venezuela. [Correct reference

				will be included later]
<i>Ananteris caracensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris catuaroi</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris caucaguitensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental 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 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. <i>ZooKeys</i> . [Article]. 2009;

				(13):29-41.
<i>Ananteris chirimakei</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<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) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris cumbensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris curariensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference

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

Roncallo, 2008	New sp.	Colombia	<i>columbiana</i> Lourenco, 1991	<p>revisionary approach of Colombian Ananteris (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.</p> <p>Teruel R, Roncallo CA. A new species of <i>Ananteris</i> Thorell, 1891 (Scorpiones: buthidae) from the Caribbean region of Colombia. Euscorpius. 2008(72):1-7</p>
<i>Ananteris inoae</i>	New sp.	Venezuela	<p>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.</p> <p>Name changed to <i>A. inoae</i> by Rojas-Runjaic &amp; De Sousa (2007).</p>	<p>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]</p> <p>Rojas-Runjaic FJM, De Sousa L. Catálogo de los escorpiones de Venezuela (Arachnida: Scorpiones). Boletín Sociedad Entomológica Aragonesa. 2007(40):281-307</p>

<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 kuryii</i> Giupponi, Vasconcelos & Lourenco, 2009	New sp.	Brazil		Giupponi APD, de Vasconcelos EG, Lourenco WR. The genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in southeast Brazil, with the description of three new species. <i>ZooKeys</i> . [Article]. 2009; (13):29-41.
<i>Ananteris madeirensis</i> Lourenco & Duhem, 2010	New sp.	Brazil		Lourenco WR, duhem B. Further considerations on the genus <i>Ananteris</i> Thorell, 1891 (Scorpiones, Buthidae) in Brazilian Amazonia and description of two new species. <i>Boletin de la SEA</i> . 2010(47):33-8.
<i>Ananteris maniapurensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference

				<b>will be included later]</b>
<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> . <b>[Correct reference will be included later]</b>  Rojas-Runjaic FJM, De Sousa L. Catálogo de los escorpiones de Venezuela (Arachnida: Scorpiones). Boletín Sociedad Entomológica Aragonesa. 2007(40):281-307
<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> . <b>[Correct reference will be included later]</b>
<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 Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas – Venezuela</i> . [Correct reference will be included later]
<i>Ananteris plataensis</i>	New sp.	Venezuela	Described in 2006 in a monography published by Universidad Pedagógica Experimental Libertador. I didn't know about this publication until February 2008.	GONZÁLEZ-SPONGA, M. A. 2006: "ARÁCNIDOS DE VENEZUELA EL GÉNERO <i>Ananteris</i> THORELL 1891, EN VENEZUELA (Scorpionidae: Buthidae) " <i>UPEL: Caracas –</i>

				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) " <i>UPEL: Caracas – Venezuela</i> . [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) " <i>UPEL: Caracas – Venezuela</i> . [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 –</i>

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

				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. <i>Zootaxa</i> . 2011(2904):1-44.
<i>Ananteris volschenki</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 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). <i>Boletín Sociedad</i>

				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. Boletin 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>Androctonus eburneus</i> (Pallery, 1928)	New status		The species <i>Androctonus eburneus</i> (= <i>Prionurus eburneus</i> Pallery, 1928), previously synonymised to <i>Androctonus amoreuxi</i> (Audouin, 1826), is revalidated.	Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Togo (Scorpiones, Buthidae). 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 togolensis</i> (Pallery, 1928)	New sp.	Togo		Lourenco WR. A new species of <i>Androctonus</i> Ehrenberg, 1828 from Togo (Scorpiones, Buthidae). Entomol Mitt Zool Mus Hamburg. 2008 Oct 1;15 (179):37-44.

<i>Buthacus agarwali</i> Zambre & Lourenco, 2010	New sp.	India	First record of <i>Buthacus</i> in India.	Zambre AM, Lourenco WR. A new species of <i>Buthacus</i> Birula, 1908 (Scorpiones, Buthidae) from India. Boletin de la SEA. 2010 (46):115-9.
<i>Buthacus 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 williamsi</i> Lourenco & Leguin, 2009	New sp.	United Arab Emirates		Lourenco WR, Leguin E-A. A new species of the genus <i>Buthacus</i> Birula, 1908 from the United Arab Emirates (Scorpiones: Buthidae). Zoology in the Middle East. 2009;46:103-11.
<i>Butheoleus ferrugineus</i> Kraepelin, 1898	New combination	Djibouti, Ethiopia, Somaliland, Somalia	New status <i>Neobuthus ferrugineus</i> (Kraepelin, 1898)	Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i> Pocock and <i>Neobuthus</i> Hirst (Scorpions, Buthidae) with the description of a new species of <i>Neobuthus</i> from Ethiopia. Ecology of Desert Environments. 2001:171-83.
<i>Butheoloides littoralis</i> Lourenco, Touloun & Boumezzough, 2011	New sp.	Morocco		Lourenco WR, Touloun O, Boumezzough A. The genus <i>Butheoloides</i> Hirst, 1925 (Scorpiones, Buthidae) in Morocco, with a description of a

				new species. <i>Euscorpius</i> . 2011(113):1-7.
<i>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 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>Euscorpius</i> . 2010(98):1-11.
	New sp.	Pakistan	Originally described in the non-valid genus <i>Stenochirus</i> . I have listed the new species in <i>Buthoscorpio</i> , which is the valid genus name, but formally this has to be done in a scientific journal before it is valid. Because of this this taxa should be treated as <i>nomina dubia</i> (Victor Fet,	Amir R, Kamaluddin S, Jabbar A. Two new species of the genus <i>Stenochirus</i> Karsch (Scorpionidae: Buthidae: Buthidae) from Pakistan with their relationship, chromatography and electrophoresis of venom. <i>Int J</i>

			personal communication).	Biol Biotech. 2005;2(3):531-40.
<i>Buthoscorpio rahmatii</i>	<i>Incertae sedis</i>		Study of the descriptions shows that these taxa can not belong to <i>Buthoscorpio</i> .	Maqsood Javed SM, Thulsi Rao K, Mirza ZA, Sanap RV, Tampal F. A new species of scorpion of the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones: Buthidae) from Andhra Pradesh, India. <i>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, the taxon should be treated as <i>nomina dubia</i> (Victor Fet, personal communication).	Amir R, Kamaluddin S, Jabbar A. Two new species of the genus <i>Stenochirus</i> Karsch (Scorpionidae: Buthidae: Buthidae) from Pakistan with their relationship, chromatography and electrophoresis of venom. <i>Int J Biol Biotech</i> . 2005;2(3):531-40.
<i>Buthoscorpio rayalensis</i> Javed, Rao, Mirza, Sanap & Tampal, 2010	2010	India		Maqsood Javed SM, Thulsi Rao K, Mirza ZA, Sanap RV, Tampal F. A new species of scorpion of the genus <i>Buthoscorpio</i> Werner, 1936 (Scorpiones: Buthidae) from Andhra Pradesh, India. <i>Euscorpium</i> . 2010(98):1-11.



<i>Buthus amri</i> Lourenco, Yagmur & Duhem, 2010	New sp.	Jordan		Lourenco WR, Yagmur EA, Duhem B. A new species of <i>Buthus</i> Leach, 1815 from Jordan. <i>Zoology in the Middle East</i> . 2010;49:95-9.
<i>Buthus awashensis</i> Kovarik, 2011	New sp.	Ethiopia		Kovarik F. <i>Buthus awashensis</i> sp. n. from Ethiopia (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(128):1-6.
<i>Buthus berberensis</i> Pocock, 1900	New status	Somalia	Raised from species status. Previous name <i>Buthus occitanus berberensis</i> Pocock, 1900. Detailed justification not given in the paper, but other subspecies of <i>B. occitanus</i> have been given species status previously. A molecular study of the genus is needed to sort out which species are valid.	Lourenco WR. About the presence of the genus <i>Buthus</i> Leach, 1815 in the Arabian Peninsula and description of a new species (Scorpiones, Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 2008;15 (179):45-52.
<i>Buthus boumalenii</i> Touloun & Boumezzough, 2011	New sp.	Morocco		Touloun O, Boumezzough A. Une nouvelle espece du genre <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae) du Maroc. <i>Boletin de la SEA</i> . 2011(48):183-7.
<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 elongates</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 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 occidentalis</i> Lourenco, Sun & Zhu, 2009	New sp.	Mauritania		Lourenco WR, Sun D, Zhu M-S. About the presence of the genus <i>Buthus</i> Leach, 1815 in Mauritania, with description of a new species (Scorpiones, Buthidae). <i>Boletin Sociedad Entomológica Aragonesa.</i> 2009; (44):71-5.

<i>Buthus orientalis</i> Lourenco & Simon, 2012	New sp.	Egypt		Lourenco WR, Simon E. Confirmation of a new species of <i>Buthus</i> Leach, 1815 from Alexandria, Egypt (Scorpiones, Buthidae). <i>Serket</i> . 2012;13(1/2):8-15.
<i>Buthus yemenensis</i> Lourenco, 2008	New sp.	Yemen		Lourenco WR. About the presence of the genus <i>Buthus</i> Leach, 1815 in the Arabian Peninsula and description of a new species (Scorpiones, Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 2008;15 (179):45-52.
<i>Centruroides baergi</i>	New status		Raised to species rank from subspecies status. Previous name <i>C. nigrovariatus baergi</i> . Paper from 1999, but not listed in The Scorpion Files until mars 2008.	de Armas LF, Martin Frias E. Complementos a la taxonomía de <i>Centruroides nigrovariatus</i> y <i>C. elegans</i> (Scorpiones: Buthidae) de México. <i>Anales de la Escuela Nacional de Ciencias Biológicas</i> . 1999;44:27-35.
<i>Centruroides chamela</i> Ponce-Saavedra & Francke, 2011	New sp.	Mexico		Ponce-Saavedra J, Francke OF. Especie nueva de la alacran del genero <i>Centruroides</i> (Scorpiones: Buthidae) de la costa del estado de Jalisco, Mexico. <i>Revista Mexicana de Biodiversidad</i> . 2011;82:1163-75.
<i>Centruroides edwadsii</i> (Gervais, 1843)	New comb.	Mexico, El Salvador, Honduras, Nicaragua, Costa	See paper for details.	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones:

		Rica, Colombia, Cuba & Senegal (introduced)		buthidae). Euscorpilus. 2011(132):1-16.
<i>Centruroides fallassisimus</i> Armas & Trujillo, 2010	New sp.	Guatemala & Honduras		de Armas LF, Trujillo RE. Nueva especie de Centruroides Marx, 1890 (Scorpiones: Buthidae) de Guatemala y Honduras, America Central. Boletin de la SEA. 2010(47):235-40.
<i>Centruroides granosus</i> (Thorell, 1876)	New status	Panama	Raised to species status.	de Armas LF, Trujillo RE. Nueva especie de Centruroides Marx, 1890 (Scorpiones: Buthidae) de Guatemala y Honduras, America Central. Boletin de la SEA. 2010(47):235-40.
<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 mariaorum</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. Entomological News. 2009 Jan- Feb;120 (1):109-24.
<i>Centruroides mascota</i> Ponce-	New sp.	Mexico		Ponce-Saavedra J, Francke OF.

Saavedra & Francke, 2011				Nueva especie de alacran del genero Centruroides (Scorpiones, Buthidae) del estado de Jalisco, Mexico. Revista Mexicana de Biodiversidad. 2011;82:465-74.
<i>Centruroides meisei</i>	New status		Raised to species rank from subspecies status. Previous name <i>C. elegans meisei</i> . Paper from 1999, but not listed in The Scorpion Files until mars 2008.	de Armas LF, Martin Frias E. Complementos a la taxonomía de <i>Centruroides nigrovariatus</i> y <i>C. elegans</i> (Scorpiones: Buthidae) de México. Anales de la Escuela Nacional de Ciencias Biológicas. 1999;44:27-35.
<i>Centruroides hirsuticauda</i> Teruel, 2011	New sp.	Honduras		Teruel R. Una nueva especie de Centruroides Marx 1890 (Scorpiones: Buthidae) de Honduras, America Central. Boletin de la SEA. 2011(48):61-6.
<i>Centruroides hirsutipalpus</i>	New sp.	Mexico	Medical important species.	Saavedra JP, Francke OF. Descripcion de una nueva de alacran con importancia medica del genero Centruroides (Scorpiones: Buthidae) del estado de Colima, Mexico. Revista Mexicana de Biodiversidad. 2009;80:647-58.
<i>Centruroides margaritatus</i> (Gervais, 1841)	New distribution	Northwestern South America (Peru, Ecuador and Colombia) and introduced to	See paper for details.	de Armas LF, Teruel R, Kovarik F. On <i>Centruroides margaritatus</i> (Gervais, 1841) and closely related species (Scorpiones: buthidae). Euscorpius.

		Cuba and Jamaica.		2011(132):1-16.
<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). <i>Euscorpius</i> . 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 <i>Mars</i> 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. <i>Rev Nica Ent</i> . 1998;46:23-38
<i>Centruroides ornatus</i> Pocock, 1902	New status	Mexico	Previously treated as a subspecies to <i>Centruroides infamatus</i> (C. L. Kock, 1844).	de Armas LF, Martin Frias E. El genero <i>Centruroides</i> Marx, 1890 (Scorpiones: Buthidae) en el estado de Veracruz, Mexico. <i>Boletin Sociedad Entomológica Aragonesa</i> . 2008(43):7-22.
<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. Revista Mexicana de Biodiversidad. 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). Euscorpius. 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). Euscorpius. 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 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>Charmus minor</i> Lourenco, 2002	New sp.	Sri Lanka	Published in 2002, but added to The Scorpion Files in 2009 because I didn't know about the paper until now.	Lourenco WR. Further taxonomic considerations about the genus <i>Charmus</i> 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>Compsobuthus atrostriatus</i> (Pocock, 1897)	New comb.		Originally described as <i>Buthus atrostriatus</i> , but later transferred to <i>Vachonus atrostriatus</i> by Tikader & Bastawade, 1983. Also reported as <i>Mesobuthus eupeus atrostriatus</i> by some authors. The current decision is based on an examination of the type. NB! Navidpour et al., 2011 forgot to mention the taxa's status in <i>Vachonus</i> in their discussion of the taxa's status.	Navidpour S, Ezatkah M, Kovarik F, Soleglad ME, Fet V. Scorpions of Iran (Arachnida: Scorpiones). Part VII. Kerman Province. Euscorpius. 2011(131):1-32.
<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</i>



				acutecarinatus (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 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 lowei</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>Compsobuthus nematodactylus</i> Lowe, 2009	New sp.	Oman		Lowe G. A new lithophilic <i>Compsobuthus</i> Vachon, 1949 (Scorpiones: Buthidae) from northern Oman. <i>Euscorpius</i> . 2009(90):1-13.
<i>Compsobuthus persicus</i>	New sp.	Iran		Navidpour S, Soleglad ME, Fet V, Kovarik F. Scorpions of Iran (Arachnida, Scorpiones). Part II. Bushehr province. <i>Euscorpius</i> . 2008(67):1-33.
<i>Compsobuthus indicus</i>	New sp.	Pakistan		Kovarik F, Ahmed Z.

Kovarik & Ahmed, 2011				Compsobuthus indicus sp. n. from Pakistan (Scorpiones: Buthidae). Euscorpius. 2011(108):1-3.
<i>Compsobuthus tassili</i> Lourenco, 2010	New sp.	Algerie		Lourenco WR. The Compsobuthus species from 'Tassili des Ajjer', Algeria (Scorpiones, Buthidae) and description of a new species. Entomol Mitt Zool Mus Hamburg. 2010 Jun;15(182):147-55.
<i>Compsobuthus tombouctou</i> Lourenco, 2009	New sp.	Mali		Lourenco WR. A new species of Compsobuthus Vachon, 1949 from Mali (Scorpiones, Buthidae). Acta Biológica Paranaense. 2009;38(1-2):1-8.
<i>Femtobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>Femtobuthus shutuae</i> Lowe, 2010	New sp.	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. Euscorpius. 2010(93):1-53.
<i>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). Boletín Sociedad Entomológica

				Aragonesa. 2009; (44):35-8.
<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>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). Euscorpius. 2010 (94):1-8.
<i>Hottentotta khoozestanus</i>	New sp.	Iran		Navidpour S, Kovarik F, Soleglad ME, Fet V. Scorpion of Iran (Arachnida, Scorpiones). Part I. Khoozestan Province. Euscorpius. 2008(65):1-41.
<i>Hottentotta lorestanus</i> Navidpour, Nayebzadeh,	New sp.	Iran		Navidpour S, Nayebzadeh HH, Soleglad ME, Fet V, Kovarik F,

Soleglad, Fet, Kovarik & Kayedi, 2010				Kayedi MH. Scorpions of Iran (Arachnida, Scorpiones). Part VI. Lorestan Province. <i>Euscorpius</i> . 2010 (99):1-23.
<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 saxinatans</i> Lowe, 2010	New sp.	Oman		Lowe G. Two new species of <i>Hottentotta</i> Birula, 1908 (Scorpiones: Buthidae) from northern Oman. <i>Euscorpius</i> . 2010(103):1-23.
<i>Hottentotta songi</i> (Lourenco, Qi & Zhu, 2005)	New combination		Previously assigned to <i>Mesobuthus</i> (as <i>Mesobuthus songi</i> )	Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the generic position of <i>Mesobuthus songi</i> Lourenco, Qi & Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpius</i> . 2010:1-8.
<i>Isometrus atherii</i> Amir & Kamaluddin, 2008	New sp.	Pakistan	Published in 2008, but I learn about the paper in spring 2012.	Amir R, Kamaluddin S. Revision of the genus <i>Isometrus</i> Hemprich & Ehrenberg (Scorpionida: Buthidae: Centruurinae) with description of two new species and cladistic relationship from Pakistan. <i>Pakistan J Entomol</i> . 2008;23(1&2):31-40.
<i>Isometrus deharvengi</i> Lourenco & Duhem, 2010	New sp.	Vietnam		Lourenco WR, Duhem B. Buthid scorpions found in caves; a new species of <i>Isometrus</i> Ehrenberg,

				1828 (Scorpiones, Buthidae) from southern Vietnam. C R Biol. 2010 Aug;333(8):631-6.
<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 sankeriensis</i> Tikander & Bastawade, 1983	Synonymization		Synonymized with <i>Isometrus thurstoni</i> Pocock, 1893 in 2003, but I've missed this until January 2010.	Kovarik F. A review of the genus <i>Isometrus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) with descriptions of four new species from Asia and Australia. Euscorpius. 2003;10:1-19.
<i>Isometrus tibetanus</i> Lourenco & Zhu, 2008	New sp.	China		Lourenco WR, Zhu M-S. A new species of the genus <i>Isometrus</i> Ehrenberg 1828 from China (Scorpiones, Buthidae). Acta Zootaxonomica Sinica. 2008;33(2):264-71.
<i>Leiurus abdullahbayrami</i> Yagmur, koc & Kunt, 2009	New sp.	Turkey		Yagmur EA, Koc H, Kunt KB. Description of a new species of <i>Leiurus</i> Ehrenberg, 1828 (Scorpiones: Buthidae) from Southeastern Turkey. Euscorpius. 2009; (85):1-20.
<i>Leiurus nasheri</i>	New sp.	Yemen		Kovarik F. <i>Leiurus nasheri</i> sp. nov. from Yemen (Scorpiones, Buthidae). Acta Soc Bohem.

				2007;71:137-41
<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 eliseanneae</i> Lourenco, 2011	New sp.	Indonesia		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.
<i>Lychas inexpectatus</i> Lourenco, 2011	New sp.	Laos		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.
<i>Lychas kaimana</i> Lourenco, 2011	New sp.	West papua, Indonesia		Lourenco WR. Scorpions from West Papua, Indonesia and description of a new species of <i>Lychas</i> C. L. Koch, 1845 (Scorpiones: Buthidae). <i>Entomol Mitt Zool Mus Hamburg</i> . 2011;15(186):317-26.
<i>Lychas santoensis</i> Lourenco, 2009	New sp.	Espiritu Santo (Vanuatu)		Lourenco WR. Scorpions collected in the island of Espiritu Santo (Vanuatu) and description of a new species of <i>Lychas</i> C. L. Koch (Arachnida, Scorpiones,

				Buthidae). <i>Zoosystema</i> . 2009;31 (3):731-40.
<i>Mesobuthus bolensis</i> Sun, Zhu & Lourenco, 2010	New sp.	China		Sun D, Zhu M-S, Lourenco WR. A new species of <i>Mesobuthus</i> (Scorpiones: Buthidae) from Xinjiang, China, with notes on <i>Mesobuthus songi</i> . <i>Journal of Arachnology</i> . 2010;38:35-43.
<i>Mesobuthus hendersoni</i> (Pocock, 1900)	Synonymization		Synonymised with <i>Hottentotta rugiscutis</i> (Pocock, 1897)	Kovarik F. A revision of the genus <i>Hottentotta</i> Birula, 1908, with descriptions of four new species (Scorpiones, Buthidae). <i>Euscorpius</i> . 2007(58):1-107.
<i>Mesobuthus karshius</i>	New sp.	China	ID key for species in China in paper.	Sun D, Sun Z-N. Notes on the genus <i>Mesobuthus</i> (Scorpiones: Buthidae) in China, with description of a new species. <i>J Arachnol</i> . 2011;39(1):59-75.
<i>Mesobuthus longichelus</i> Sun & Zhu, 2010	New sp.	China		Sun D, Zhu MS. A new species of the genus <i>Mesobuthus</i> Vachon, 1950 (Scorpiones, Buthidae) from Xinjiang, China. <i>ZooKeys</i> . 2010;37:1-12.
<i>Mesobuthus phillipsi</i> (Pocock, 1889)	New status	Iran	Raised from subspecies. Previous name <i>Mesobuthus eupeus phillipsi</i> (Pocock, 1889)	Mirshamsi O, Sari A, Elahi E, Hosseinie S. <i>Mesobuthus eupeus</i> (Scorpiones: Buthidae) from Iran: A polytypic species 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)).	Teruel R, Rein JO. A new <i>Hottentotta</i> Birula, 1908 from Afghanistan, with a note on the

			<p>This decision was published almost simultaneously by two papers.</p>	<p>generic position of <i>Mesobuthus songi</i> Lourenco, Qi &amp; Zhu, 2005 (Scorpiones: Buthidae). <i>Euscorpius</i>. 2010:1-8.</p> <p>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.</p>
<p><i>Microananteris</i> Lourenco, 2003</p>	<p>New status</p>		<p>Returned to genus status.</p>	<p>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.</p>
	<p>Synonymization</p>		<p>Synonymized with <i>Ananteris</i> Thorell, 1891</p>	<p>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.</p>
<p><i>Microananteris minor</i> Lourenco, 2003</p>	<p>N. comb.</p>		<p>Returned to original name.</p>	<p>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.</p>



	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>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.
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. <i>Zoological Journal of the Linnean Society</i> . 2008;154(4):651-75.
<i>Microcharmus</i> Lourenço, 1995 <i>M. bemaraha</i> Lourenço, Goodman & Fisher, 2006* <i>M. cloudsleythompsoni</i> Lourenço, 1995	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.

<p><i>M. confluenciatus</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. duhemi</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. fisheri</i> Lourenço, 1998</p> <p><i>M. hauseri</i> Lourenço, 1996</p> <p><i>M. jussarae</i> Lourenço, 1996*</p> <p><i>M. maculatus</i> Lourenço, 1996</p> <p><i>M. madagascariensis</i> Lourenço, 1999*</p> <p><i>M. pauliani</i> (Lourenço, 2004)*</p> <p><i>M. sabineae</i> Lourenço, 1996</p> <p><i>M. variegatus</i> Lourenço, Goodman &amp; Fisher, 2006*</p> <p><i>M. violaceus</i> Lourenço, Goodman &amp; Fisher, 2006*</p>				<p>Zoological Journal of the Linnean Society. 2008;154(4):651-75.</p>
<p><i>Microtityus bividentorum</i> Botero-Trujillo, Erazo-Moreno &amp; Perez, 2009</p>	New sp.	Colombia		<p>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.</p>
<p><i>Microtityus flavescens</i> Teruel, 2001</p>	New status	Cuba	<p>Previous status: <i>Microtityus fundorai flavescens</i> Teruel, 2001</p>	<p>Teruel R, Kovarik F. Scorpions of Cuba: Jakub Rolcik - Clarion Production; 2012 (page 98-101)</p>
<p><i>Microtityus franckeri</i> Botero-Trujillo &amp; Noriega, 2008</p>	New Sp.	Colombia		<p>Botero-Trujillo R, Noriega JA. First record of the scorpion genus <i>Microtityus</i> from Colombia, with the description of a new species (Scorpiones,</p>

				Buthidae). Journal of Arachnology. 2008;36:259-66.
<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 starri</i> Lourenço & Huber, 1999	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>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 ferrugineus</i> (Kraepelin, 1898)	New combination	Djibouti, Ethiopia, Somaliland, Somalia	Previous status <i>Butheolus ferrugineus</i> Kraepelin, 1898	Lourenco WR. Taxonomic considerations on the genera <i>Butheolus</i> Simon, <i>Nanobuthus</i> Pocock and <i>Neobuthus</i> Hirst (Scorpions, Buthidae) with the description of a new species of <i>Neobuthus</i> from Ethiopia. Ecology of Desert Environments. 2001:171-83.
<i>Neoprotobuthus</i> Lourenço, 2000* <i>N. intermedius</i> Lourenço, 2000*	Transferred to new family		Genus and species transferred from Microcharmidae (synonymised with Buthidae) to Buthidae.	Volschenk ES, Mattoni CI, Prendini L. Comparative anatomy of the mesosomal organs of scorpions (Chelicerata, Scorpiones), with implications

				for the phylogeny of the order. Zoological Journal of the Linnean Society. 2008;154(4):651-75.
<i>Odontobuthus bidentatus</i> Lourenco & Pezier, 2002	New sp.	Iraq	This species was described in 2002, but not included in The Scorpion Files until April 2009 because I did not know about this paper until now.	Lourenco WR, Pezier A. Taxonomic consideration of the genus <i>Odontobuthus</i> Vachon (Scorpiones, Buthidae), with description of a new species. <i>Revue Suisse de Zoologie</i> . 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. <i>Euscorpius</i> . 2010(96):1-22.
<i>Orthochirus atarensis</i> Lourenco & Leguin, 2011	New sp.	Mauritania		Lourenco WR, Leguin E-A. Further considerations on the species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(123):1-19.
<i>Orthochirus bastawadei</i> Zambre, Mirza, Sanap, Upadhye & Javed, 2011	New sp.	India		Zambre AM, Mirza ZA, Sanap RV, Upadhye R, Maqsood Javed SM. A new species of <i>Orthochirus</i> Karsch, 1892 (Scorpiones: Buthidae) from Maharashtra, India. <i>Euscorpius</i> . 2011(107):1-12.
<i>Orthochirus cloudsleythompsoni</i> Lourenco & Leguin, 2011	New sp.	Morocco		Lourenco WR, Leguin E-A. Further considerations on the species of the genus <i>Orthochirus</i>

				Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(123):1-19.
<i>Orthochirus krishnai</i> Tikader & Bastawade	Redescription	India	Species considered <i>Nomen dubium</i> by Kovarik, 2004, but male is described and species status confirmed in present study.	Zambre AM, Bastawade DB. Description of male <i>Orthochirus krishnai</i> (Scorpiones: Buthidae) from India, with comments on its taxonomic status. <i>Journal of Threatened Taxa</i> . 2009;1(12):621-3.
<i>Orthochirus 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 tassili</i> Lourenco & Leguin, 2011	New sp.	Algeria		Lourenco WR, Leguin E-A. Further considerations on the species of the genus <i>Orthochirus</i> Karsch, 1891 from Africa, with description of three new species (Scorpiones: Buthidae). <i>Euscorpius</i> . 2011(123):1-19.
<i>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 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 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>Picobuthus</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae)

				from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Picobuthus dundoni</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Picobuthus wahibaensis</i> Lowe, 2010	New genus	Oman		Lowe G. New picobuthoid scorpions (Scorpiones: Buthidae) from Oman. <i>Euscorpius</i> . 2010(93):1-53.
<i>Pseudouroplectes lalyae</i> Lourenco & Ythier, 2010	New sp.	Madagascar		Lourenco WR, Ythier E. Another new species of <i>Pseudouroplectes</i> Lourenco, 1995 from Madagascar (Scorpiones, Buthidae). <i>ZooKeys</i> . 2010;48:1-9.
<i>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. <i>Journal of Hebei University (Natural Science Edition)</i> . 2010;30(3):307-18.
<i>Rhopalurus aridicola</i> Teruel & Armas, 2012	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>Rhopalurus bonettii</i> Armas,	New sp.		New species in 1999, but has not be	de Armas LF. Quince nuevos

1999			listed in the Scorpion Files by unknown reasons. Added 10.09.09. Thanks to M.A.C. Cozijn for informing me about this.	alacranes de La Espanola y Navassa, Antillas Mayores (Arachnida: Scorpiones). Avicennia. 1999;10/11:101-36.
<i>Rhopalurus caribensis</i>	New sp.	Colombia	New species from Colombia that previously have been confused with <i>R. laticauda</i> , which it is closely related to.	Teruel R, Roncallo CA. Rare or poorly known scorpions from Colombia. III. On the taxonomy and distribution of <i>Rhopalurus laticauda</i> Thorell, 1876 (Scorpiones: Buthidae), with the description of a new species of the genus. Euscorpius. 2008(68):1-12.
<i>Rhopalurus crassicauda</i>	New status		Previously regarded as a junior synonym for <i>Rhopalurus laticauda</i> , and given subspecies rank as <i>R. laticauda pintoii</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 pintoii</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). Euscorpius. 2008(70):1-14.
<i>Rhopalurus piceus</i>	New status		Synonymised with <i>R. pintoii</i>	Teruel R, Tietz AK. The true identity of <i>Rhopalurus pintoii</i> Mello-Leitao, 1932, with notes on the status and distribution of <i>Rhopalurus crassicaudis</i> Caporiacco, 1947 (Scorpiones: Buthidae). Euscorpius. 2008(70):1-14.



<i>Rhopalurus pintoi</i>	New status		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 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>Riftobuthus</i> Lourenco, Duhem & Cloudsley-Thompson, 2010	New genus	Kenya	Probably a relictual taxa.	Lourenço WR, Duhem B, Cloudsley-Thompson JL. A new relictual buthid scorpion from the region of the Great Rift Valley in Kenya (Scorpiones, Buthidae). Comptes Rendus Biologies. 2010;333(3):280-5.
<i>Riftobuthus inexpectatus</i> Lourenco, Duhem & Cloudsley-Thompson, 2010	New sp.	Kenya	Probably a relictual taxa.	Lourenço WR, Duhem B, Cloudsley-Thompson JL. A new relictual buthid scorpion from the region of the Great Rift Valley in Kenya (Scorpiones, Buthidae). Comptes Rendus Biologies. 2010;333(3):280-5.
<i>Saharobuthus</i> Lourenco & Duhem, 2009	New genus	Occidental Sahara (Western Sahara)		Lourenco WR, Duhem B. Saharo-Sindian buthid scorpions; description of two new genera

				and species from Occidental Sahara and Afghanistan. <i>ZooKeys</i> . 2009;14:37-54.
<i>Saharobuthus elegans</i> Lourenco & Duhem, 2009	New sp.	Occidental Sahara (Western Sahara)		Lourenco WR, Duhem B. Saharo-Sindian buthid scorpions; description of two new genera and species from Occidental Sahara and Afghanistan. <i>ZooKeys</i> . 2009;14:37-54.
<i>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>Boletín 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>Boletín Sociedad Entomológica Aragonesa</i> . 2008(42):89-102
<i>Tityusobuthus lucileae</i> Lourenco, 1996	Synonymization		Synonymised with <i>Tityobuthus baroni</i> (Pocock, 1890)	Lourenco WR, Qi JX, Goodman SM. The identity of <i>Tityus baroni</i> (Pocock, 1890) (Scorpiones, Buthidae) and description of three new species from Madagascar. <i>Boletín Sociedad Entomológica</i>

				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 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 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 championi</i> Pocock, 1898	Restored species	Costa Rica, Panama	Previous regarded as junior synonym of <i>Tityus asthenes</i> Pocock,	Teruel R. La verdadera identidad <i>Tityus championi</i> Pocock, 1898

			1893.	(Scorpiones: Buthidae). Boletin de la SEA. 2011(48):367-73.
<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). Zootaxa. 2009(1987):1-38.
<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 elizabethebravoi</i> Gonzalez-Sponga & Wall Gonzalez, 2008	New sp.	Venezuela		Gonzales-Sponga MA, Wall Gonzalez VM. Biodiversidad en Venezuela. Descripcion de dos nuevas especies del genero <i>Tityus</i> Koch, 1836 (Scorpionidae: Buthidae) del Parque Nacional "Cueva del

				Guacharo". Bol Acad C Fis Mat y Nat. 2007;57 (3-4):9-23.
<i>Tityus erikae</i> Lourenco, 1999	Synonymization		Synonymized with <i>Tityus tayrona</i> Lourenco, 1991	Teruel R, Roncallo CA. Rare or poorly known scorpions from Colombia. IV. Additions, synonymies and new records (Scorpiones: Buthidae, Scorpionidae). Euscorpius. 2010(105):1-15.
<i>Tityus estherae</i> Santiago-Blay, 2009	New sp.	Puerto Rico		Santiago-Blay JA. Systematics and some aspects of the biology of the scorpions (Arachnida) of the greater Puerto Rico region: A biosystematic synopsis. Entomological News. 2009 Jan-Feb;120 (1):109-24.
<i>Tityus falconensis</i> Gonzalez-Sponga, 1974	Synonymization		Junior synonym of <i>Tityus magnimanus</i> pocock, 1897.	Lourenco WR. Description of <i>Tityus (Atreus) neblina</i> sp. n. (Scorpiones, Buthidae), from the "Parque Nacional do Pico da Neblina", in Brazil/Venezuela, with comments on some related species. Boletin Sociedad Entomológica Aragonesa. 2008(43):75-9.
<i>Tityus grahami</i> Lourenco, 2012	New sp.	Brazil		Lourenco WR. Further considerations on <i>Tityus (Archaeotityus) clathratus</i> C. L. Koch, 1844 and description of two associated new species (Scorpiones, Buthidae). Boletin de la SEA. 2012(50):277-83.

<i>Tityus guariconesis</i>	New sp.	Venezuela	Described in 2004, but I didn't learn about the paper until February 2008.	Gonzalez-Sponga MA. Arácnidos de Venezuela. Descripción de tres nuevas especies de escorpiones de los géneros <i>Tityus</i> (Buthidae), <i>Chactopsis</i> y <i>Broteochactas</i> (Chactidae). Acta Biologica Venezuelica. 2004;24(1):1-12.
<i>Tityus horacioi</i> Lourenco & Leguin, 2011	New sp.	Bolivia		Lourenco WR, Leguin E-A. Une nouvelle espece de <i>Tityus</i> de Bolivie, appartenant au sous-genre <i>Tityus</i> et au groupe d'especes " <i>Tityus bolivianus</i> " (Scorpiones, Buthidae). Boletin de la SEA. 2011(49):103-7.
<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	New sp.	Venezuela		Gonzales-Sponga MA.

Sponga, 2007				Biodiversidad en Venezuela. Arachnidos. Descripcion de una nueva especie del genero <i>Tityus</i> Koch, 1836 (Buthidae) y tres del genero <i>Chactas</i> Gervais, 1844 (Chactidae). Escorpiones de los alrededores del Carcas, Distrito Metropolitano. Acta Biol Venez. 2007;27 (1):7-24.
<i>Tityus lamottei</i> Lourenco, 1981	Synonymization		Synonymised with <i>Tityus serrulatus</i> Lutz & Mello, 1922 (junior synonym).	De Souza CAR, Candido DM, Lucas SM, Brescovit AD. On the <i>Tityus stigmurus</i> complex (Scorpiones, Buthidae). Zootaxa. 2009(1987):1-38.
<i>Tityus longidigitus</i> Gonzalez Sponga, 2008	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de los estados Monagas, Sucre y Bolivar. Bol Acad C Fis Mat y Nat. 2008;68 (4):9-30.
<i>Tityus maimirensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidos. Descripcion de cuatro nuevas especies del genero <i>Tityus</i> Koch, 1836 (EScorpiones: Buthidae) de la region centro occidental de Venezuela. Bol Acad C Fis Mat y Nat. 2007;67 (1-2):37-63.
<i>Tityus mana</i> Lourenco, 2012	New sp.	French Guyana		Lourenco WR. Further

				considerations on <i>Tityus</i> ( <i>Archaeotityus</i> ) <i>clathratus</i> C. L. Koch, 1844 and description of two associated new species (Scorpiones, Buthidae). <i>Boletin de la SEA</i> . 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. <i>Rev Invest (Guadalajara)</i> . 2009; (66):227-55.
<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). <i>Bol Acad C Fis Mat y Nat</i> . 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. <i>Acta Biologica Paranaense</i> . 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,	Lourenco WR, Leguin E-A. The true identity of <i>Scorpio (Atreus) obscurus</i> Gervais, 1843 (Scorpiones, Buthidae).

			1897 (the latter has previously been synonymized with <i>T. paraensis</i> ).	Euscorpium. 2008(75):1-9.
<i>Tityus pampanensis</i> Gonzalez Sponga, 2007	New sp.	Venezuela		Gonzales-Sponga MA. Biodiversidad en Venezuela. Arachnidosis. 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 paraensis</i> Kraepelin, 1896	Synonymization		Synonymized with the restored species <i>Tityus obscurus</i> (Gervais, 1843). The latter is a senior synonym both for <i>T. paraensis</i> and <i>T. cambidgei</i> Pocock, 1897 (the latter has previously been synonymized with <i>T. paraensis</i> ).	Lourenco WR, Leguin E-A. The true indenty of <i>Scorpio (Atreus) obscurus</i> Gervais, 1843 (Scorpiones, Buthidae). Euscorpium. 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 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). Euscorpium. 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 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. Euscorpius. 2009(77):1-12.
<i>Vachoniolus batinahensis</i> Lowe, 2010	New sp.	Oman		Lowe G. The genus <i>Vachoniolus</i> (Scorpiones: Buthidae) in Oman. Euscorpius. 2010(100):1-37.
<i>Vachoniolus gallagheri</i> Lowe, 2010	New sp.	Oman		Lowe G. The genus <i>Vachoniolus</i> (Scorpiones: Buthidae) in Oman. Euscorpius. 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 iqbali</i> Amir & Kamaluddin, 2009	New sp.	Pakistan		Amir R, Kamaluddin S. A revision of the genus <i>Vachonus</i> Tikader and Bastawade (Arachnida: Scorpionida: Buthidae) with two new species from Pakistan with reference to their chromatography and electrophoresis of venom. <i>Pakistan J Entomol</i> . 2009;24(1&2):19-26.
<i>Zabius gaucho</i> Acosta, Candido, Buckup & Brescovit, 2008	New sp.	Brazil	The article has an ID key for <i>Zabius</i> .	Acosta LE, Candido DM, Buckup EH, Brescovit AD. Description of <i>Zabius gaucho</i> (Scorpiones, Buthidae), a new

				species from southern Brazil, with an update about the generic diagnosis. Journal of Arachnology. 2008;36:491-501.
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