

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

August 2019: The family Diplocentridae was included as a subfamily (Diplocentrinae) in Scorpionidae by Fet & Soleglad in 2005. In the last years, several publications have provided support for the family status of Diplocentridae. Based on these and the advice from scorpion taxonomists that regularly comments and advices me on The Scorpion Files, I have decided to implement Diplocentridae as a family in The Scorpion Files. Hopefully, future studies will clarify the status of other scorpion families and their relations and that a consensus can be achieved for higher scorpion taxonomy.

<b>Taxa</b>	<b>Status</b>	<b>Distribution</b>	<b>Comments</b>	<b>Reference</b>
<i>Cazierius cayacoa</i> Teruel, Jimenez & de los Santos, 2021	New sp.	Dominican Republic	Troglobite	Teruel R, Jimenez C, de los Santos G. The first troglobitic scorpions from Hispaniola, Greater Antilles: two new species of <i>Cazierius</i> Francke, 1978 (Scorpiones: Diplocentridae). 2021(340):1-9.
<i>Cazierius ciguayo</i> Teruel, Jimenez & de los Santos, 2021	New sp.	Dominican Republic	Troglobite	Teruel R, Jimenez C, de los Santos G. The first troglobitic scorpions from Hispaniola, Greater Antilles: two new species of <i>Cazierius</i> Francke, 1978 (Scorpiones: Diplocentridae). 2021(340):1-9.
<i>Cazierius granulatus</i> Teruel, 2013	New sp.	Cuba		Teruel R. La subfamilia Diplocentrinae (Scorpiones: Scorpionidae) en Cuba. Sexta parte: Nueva especie de <i>Cazierius</i> Francke 1978. Revista Iberica de Arachnologia. 2013 (23):43-8.
<i>Cazierius neibae</i>	New sp.	Dominican		Kovarik F, Teruel R. Three New

		Republic		Scorpion Species from the Dominican Republic, Greater Antilles (Scorpiones: Buthidae, Scorpionidae). Euscorpius. 2014 (187):1-27.
<i>Cazierius scaber</i> (Pocock, 1893)	New comb.	Jamaica	New name: <i>Heteronebo scaber</i> (Pocock, 1893)	Teruel R. Los escorpiones Diplocentrinos de Jamaica (Scorpiones: Scorpionidae: Diplocentronae). Boletín Sociedad Entomológica Aragonesa. 2009; (44):103-10.
<i>Cazierius tatae</i> Santiago-Blay, 2009	Synonymization		Regarded as junior synonym of <i>C. garridoi</i> Armas, 2005 and synonymised.	de Armas LF. Acerca de algunos alacranes (Scorpiones: Buthidae, Scorpionidae) recientemente descritos o registrados de Puerto Rico e Isla Mona, Antillas Mayores. Boletín Sociedad Entomológica Aragonesa. 2009(45):298.
	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>Cryptoiclus</i> Teruel & Kovarik, 2012	New genus	Cuba	Endemic to eastern Cuba.	Teruel R, Kovarik F. Scorpions of Cuba: Jakub Rolcik - Clarion Production; 2012 (page 168-174)
<i>Cryptoiclus rodriguezii</i> Teruel	New sp.	Cuba	Endemic to eastern Cuba.	Teruel R, Kovarik F. Scorpions

& Kovarik, 2012				of Cuba: Jakub Rolcik - Clarion Production; 2012 (page 168-174)
<i>Didymocentus armasi</i> Teruel & Rodriguez, 2008	New sp.	Cuba		Teruel R, Rodriguez TM. La subfamilia Diplocentrinae (Scorpiones: Scorpionidae) en Cuba. Quinta parte: el genero <i>Didymocentrus</i> Kraepelin 1905. Boletin Sociedad Entomológica Aragonesa. 2008(42):53-78
<i>Didymocentus jaumei</i> Armas, 1976	Restored species		Species is valid and is redescribed and updated as to their respective diagnosis and geographical distribution.	Teruel R, Rodriguez TM. La subfamilia Diplocentrinae (Scorpiones: Scorpionidae) en Cuba. Quinta parte: el genero <i>Didymocentrus</i> Kraepelin 1905. Boletin Sociedad Entomológica Aragonesa. 2008(42):53-78
<i>Didymocentrus martinicae</i> Teruel & Questel, 2020	New sp.			Teruel R, Questel K. A new Lesser Antillean scorpion of the genus <i>Didymocentrus</i> Kraepelin, 1905 (Scorpiones: Diplocentridae). Euscorpius. 2020(313):1-15.
<i>Didymocentus sanfelipensis</i> Armas, 1976	Restored species		Species is valid and is redescribed and updated as to their respective diagnosis and geographical distribution.	Teruel R, Rodriguez TM. La subfamilia Diplocentrinae (Scorpiones: Scorpionidae) en Cuba. Quinta parte: el genero <i>Didymocentrus</i> Kraepelin 1905. Boletin Sociedad Entomológica Aragonesa. 2008(42):53-78
<i>Diplocentrus bicolor</i> Contreras-Felix & Santibanez-Lopez, 2011	New sp.	Mexico		Contreras-Felix G, Santibanez-Lopez CE. <i>Diplocentrus bicolor</i> sp. n. (Scorpiones:

				Diplocentridae) from Jalisco, Mexico. Zootaxa. 2011(2992):61-8.
<i>Diplocentrus duende</i> Santibanez-Lopez & Gonzalez-Santillan, 2017	New sp.	Mexico		Santibanez-Lopez CE, Gonzalez-Santillan E. A new species of <i>Diplocentrus</i> (Scorpiones: Diplocentridae) with punctate pedipalp surfaces, a diagnostic character within the "mexicanus" group. C R Biol. 2017; In Press.
<i>Diplocentrus formosus</i> Armas & Martin-Frias, 2003	New status		Reinstated as valid species. Previously synonymized with <i>Diplocentrus tehuano</i> Francke, 1977.	Santibanez-Lopez CE, Francke OF, Prendini L. Systematics of the keyserlingii group of <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae), with descriptions of three new species from Oaxaca, Mexico. American Museum Novitates. 2013 (3777):1-47.
<i>Diplocentrus franckei</i> Santobanez-Lopez, 2014	New sp.	Mexico		Santibanez-Lopez CE. A new species of the genus <i>Diplocentrus</i> Peters, 1861 (Scorpiones, Diplocentridae) from Oaxaca, Mexico. Zookeys. 2014 (412):103-16.
<i>Diplocentrus gladiator</i>	New sp.	Mexico	Species described in 1999, but I didn't learn about this species before October 2008. Thanks to Oscar Francke for informing me!	Beutelspacher CR, Trujillo Olivera M. Una especie nueva de <i>Diplocentrus</i> Peters (Scorpionida: Diplocentridae) de Chiapas, Mexico. Rev Nica Ent. 1999;50:1-11.

<i>Diplocentrus insularis</i> Sagastume-Espinoza, Longhorn & Santibañez- Lopez, 2015	New sp.	Honduras		Sagastume-Espinoza KO, Longhorn SJ, Santibanez-Lopez CE. A new scorpion species of genus <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae) endemic to Islas de la Bahia, Honduras. C R Biol. 2015 May 27.
<i>Diplocentrus Izabal</i> Armas & Trujillo, 2016	New sp.	Guatemala		De Armas LF, Trujillo RE. A new species of <i>Diplocentrus</i> (Scorpionidae: Diplocentrinae) from western Izabal, Guatemala. <i>Euscorpius</i> . 2016(225):1-8.
<i>Diplocentrus kraepelini</i> Santibanez-Lopez, Francke & Prendini, 2013	New sp.	Mexico		Santibanez-Lopez CE, Francke OF, Prendini L. Systematics of the keyserlingii group of <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae), with descriptions of three new species from Oaxaca, Mexico. <i>American Museum Novitates</i> . 2013 (3777):1-47.
<i>Diplocentrus lachua</i> Armas. Trujillo & Agreda, 2011	New sp.	Guatemala		de Armas LF, Trujillo RE, Agreda EO. Nueva especie de <i>Diplocentrus</i> Peters, 1851 (Scorpionidae: Diplocentrinae) del noroeste de alta Verapaz, Guatemala. <i>Boletín de la SEA</i> . 2011(49):113-7.
<i>Diplocentrus landelinoi</i> Trujillo & Armas, 2012	New sp.	Guatemala		Trujillo RE, de Armas LF. Dos especies nuevas de <i>Diplocentrus</i> Peters, 1861 (Scorpionidae:

				Diplocentrinae) de Guatemala. Revista Iberica de Arachnologia. 2012 (21):131-8.
<i>Diplocentrus longimanus</i> Santibanez-Lopez, Francke & Athanasiadis, 2011	New sp.	Mexico		Santibanez-Lopez CE, Francke OF, Athanasiadis MC. The genus <i>Diplocentrus</i> Peters (Scorpiones: Diplocentridae) in Morelos, Mexico. Revista Iberica de Arachnologia. 2011;19:3-13.
<i>Diplocentrus majahuensis</i>	New sp.	Mexico	Species described in 2003, but I didn't learn about this species before October 2008. Thanks to Oscar Francke for informing me!	Baldazo Monsivaiz JG. <i>Diplocentrus majahuensis</i> , nueva especie de alcrán del estado de Guerrero, Mexico (Scorpiones, Diplocentridae). Entomologia Mexicana. 2003;2:73-7.
<i>Diplocentrus motagua</i> Armas & Trujillo, 2009	New sp.	Guatemala		de Armas LF, Trujillo RE. Nueva especie de <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Scorpionidae) de Guatemala. Boletín Sociedad Entomológica Aragonesa. 2009(45):67-72.
<i>Diplocentrus oxlajubaktun</i> Trujillo & Armas, 2012	New sp.	Guatemala		Trujillo RE, de Armas LF. Dos especies nuevas de <i>Diplocentrus</i> Peters, 1861 (Scorpionidae: Diplocentrinae) de Guatemala. Revista Iberica de Arachnologia. 2012 (21):131-8.
<i>Diplocentrus poncei</i> Francke & Quijano-Ravell, 2009	New comb. New sp.	Mexico	See <i>Kolotl</i> below. Authors using family Diplocentridae	Francke OF, Quijano-Ravell AF.

				Una especie nueva <i>Diplocentrus</i> (Scorpiones: Diplocentridae) del estado de Michoacan, Mexico. <i>Revista Mexicana de Biodiversidad</i> 2009;80:659-63.
<i>Diplocentrus popiti</i> Trujillo & Armas, 2016	New sp.	Guatemala		Trujillo RE, de Armas LF. Nueva especie de <i>Diplocentrus peters</i> , 1861 (Scorpiones: Scorpionidae: Diplocentrinae) del occidente de Guatemala. <i>Revista Iberica de Arachnologia</i> . 2016(28):103-6.
<i>Diplocentrus sagittipalpus</i> Santibanez-Lopez, Francke & Prendini, 2013	New sp.	Mexico		Santibanez-Lopez CE, Francke OF, Prendini L. Systematics of the keyserlingii group of <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae), with descriptions of three new species from Oaxaca, Mexico. <i>American Museum Novitates</i> . 2013 (3777):1-47.
<i>Diplocentrus sissomi</i> Santibanez-Lopez, Francke & Prendini, 2013	New sp.	Mexico		Santibanez-Lopez CE, Francke OF, Prendini L. Systematics of the keyserlingii group of <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae), with descriptions of three new species from Oaxaca, Mexico. <i>American Museum Novitates</i> . 2013 (3777):1-47.
<i>Diplocentrus tenango</i>	New sp.	Mexico		Santibanez-Lopez CE, Francke OF. A new species of

				<i>Diplocentrus</i> (Arachnida: Scorpiones) from Oaxaca, Mexico. Zootaxa. 2008(1742):53-60
<i>Heteronebo barahonae</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>Heteronebo franckei</i> Stockwell, 1985	Synonymization		Synonymized with <i>Heteronebo scaber</i> (Pocock, 1893)	Teruel R. Los escorpiones Diplocentrininos de Jamaica (Scorpiones: Scorpionidae: Diplocentronae). Boletin Sociedad Entomológica Aragonesa. 2009; (44):103-10.
<i>Heteronebo jamaicae</i> <i>jamaicae</i> Francke, 1978	New status		Revalidated as species.	Santibanez-Lopez CE, Francke OF, Prendini L. Phylogeny of the North American scorpion genus <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae) based on morphology, nuclear and mitochondrial DNA. Arthropod Systematics & Phylogeny. 2014;72(3):257-79.
	Synonymization		Synonymized with <i>Heteronebo scaber</i> (Pocock, 1893)	Teruel R. Los escorpiones Diplocentrininos de Jamaica (Scorpiones: Scorpionidae: Diplocentronae). Boletin Sociedad Entomológica



				Aragonesa. 2009; (44):103-10.
<i>Heteronebo jamaicae occidentalis</i> Francke, 1978	New status		Revalidated as species.	Santibanez-Lopez CE, Francke OF, Prendini L. Phylogeny of the North American scorpion genus <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae) based on morphology, nuclear and mitochondrial DNA. <i>Arthropod Systematics &amp; Phylogeny</i> . 2014;72(3):257-79.
	Synonymization		Synonymized with <i>Heteronebo scaber</i> (Pocock, 1893)	Teruel R. Los escorpiones Diplocentrinos de Jamaica (Scorpiones: Scorpionidae: Diplocentronae). <i>Boletin Sociedad Entomológica Aragonesa</i> . 2009; (44):103-10.
<i>Heteronebo jamaicae portlandensis</i> Francke, 1978	New status		Revalidated as species.	Santibanez-Lopez CE, Francke OF, Prendini L. Phylogeny of the North American scorpion genus <i>Diplocentrus</i> Peters, 1861 (Scorpiones: Diplocentridae) based on morphology, nuclear and mitochondrial DNA. <i>Arthropod Systematics &amp; Phylogeny</i> . 2014;72(3):257-79.
	Synonymization		Synonymized with <i>Heteronebo scaber</i> (Pocock, 1893)	Teruel R. Los escorpiones Diplocentrinos de Jamaica (Scorpiones: Scorpionidae: Diplocentronae). <i>Boletin Sociedad Entomológica</i>

				Aragonesa. 2009; (44):103-10.
<i>Heteronebo morenoi</i> (Armas, 1973)	New status	Cuba	Raised from subspecies status. Previously <i>Heteronebo bermudezi morenoi</i> (Armas, 1973).	Teruel R, Rodriguez-Cabrera TM. The Missing Piece of the Puzzle Solved: <i>Heteronebo Pocock</i> , 1899 (Scorpiones: Scorpionidae) Occurs at Isla de Pinos, Cuba. <i>Euscorpius</i> . 2017(240):1-4.
<i>Heteronebo scaber</i> (Pocock, 1893)	New comb.	Jamaica	Previous name: <i>Cazierius scaber</i> (Pocock, 1893) + senior synonym of <i>Heteronebo franckei</i> Stockwell, 1985, <i>H. jamaicae jamaicae</i> Francke, 1978, <i>H. jamaicae occidentalis</i> Francke, 1978 & <i>H. jamaicae portlandensis</i> Francke, 1978	Teruel R. Los escorpiones Diplocentrinos de Jamaica (Scorpiones: Scorpionidae: Diplocentronae). Boletín Sociedad Entomológica Aragonesa. 2009; (44):103-10.
<i>Kolotl</i> Santibanez-Lopez, Francke & Prendini, 2014	New genus	Western Mexico		Santibanez-Lopez CE, Francke OF, Prendini L. <i>Kolotl</i> , n. gen. (Scorpiones: Diplocentridae), a New Scorpion Genus from Mexico. <i>American Museum Novitates</i> . 2014 (3815):1-28.
<i>Kolotl magnus</i> (Beutelspacher & López-Forment, 1991)	New comb.		Previous name: <i>Diplocentrus magnus</i> Beutelspacher & López-Forment, 1991.	Santibanez-Lopez CE, Francke OF, Prendini L. <i>Kolotl</i> , n. gen. (Scorpiones: Diplocentridae), a New Scorpion Genus from Mexico. <i>American Museum Novitates</i> . 2014 (3815):1-28.
<i>Kolotl poncei</i> (Francke & Quijano-Ravell, 2009)	New comb.		Previous name: <i>Diplocentrus poncei</i> Francke & Quijano-Ravell, 2009.	Santibanez-Lopez CE, Francke OF, Prendini L. <i>Kolotl</i> , n. gen. (Scorpiones: Diplocentridae), a New Scorpion Genus from

				Mexico. American Museum Novitates. 2014 (3815):1-28.
<i>Oiclus ardens</i> Ythier, 2019	New sp.	Guadeloupe: BasseTerre		Ythier E. On the genus <i>Oiclus</i> Simon, 1880 (Scorpiones: Diplocentridae) in Guadeloupe islands, with description of three new species. Arachnida - Rivista Aracnologica Italiana. 2019;5(12):17-49.
<i>Oiclus cousteaui</i> Ythier, 2019	New sp.	Guadeloupe: Ilets Pigeon		Ythier E. On the genus <i>Oiclus</i> Simon, 1880 (Scorpiones: Diplocentridae) in Guadeloupe islands, with description of three new species. Arachnida - Rivista Aracnologica Italiana. 2019;5(12):17-49.
<i>Oiclus tipunch</i> Ythier, 2019	New sp.	Guadeloupe: Iles des Saintes		Ythier E. On the genus <i>Oiclus</i> Simon, 1880 (Scorpiones: Diplocentridae) in Guadeloupe islands, with description of three new species. Arachnida - Rivista Aracnologica Italiana. 2019;5(12):17-49.
<i>Oiclus nanus</i> Teruel & Chazal, 2010	New Sp.	Guadeloupe, Lesser Antilles		Teruel R, Chazal L. A new species of the genus <i>Oiclus</i> Simon, 1880 (Scorpiones: Scorpionidae: Diplocentrinae) from Guadeloupe, Lesser Antilles. Euscorpius. 2010 (92):1-9.
<i>Oiclus questeli</i> Teruel, 2008	New Sp.	Lesser Antilles		Teruel R. A new species of <i>Oiclus</i> Simon 1880 (Scorpiones:

				Scorpionidae: Diplocentrinae) from Saint-Barthelemy, Lesser Antilles. Boletin Sociedad Entomológica Aragonesa. 2008(43):95-9.
<i>Oiclus tite</i> Ythier, Jourdan & Malglaive, 2022	New sp.	Lesser Antilles		Ythier E, Jourdan T, Malglaive L. The Scorpions of Petite Terre, Guadeloupe, Lesser Antilles, with description of a new species of <i>Oiclus</i> Simon, 1880 (Scorpiones, Buthidae, Diplocentridae). Bulletin de la Société entomologique de France. 2022;127(2):187-201.
<i>Urodacus butleri</i> Volschenk, Harvey & Prendini, 2012	New sp.	Australia		Volschenk ES, Harvey MS, Prendini L. A new species of <i>Urodacus</i> (Scorpiones: Urodacidae) from Western Australia. American Museum Novitates. 2012(3748):1-18.