

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

Soleglad & Fet (2003) transferred the genus *Belisarius* to Chactidae and the genus *Troglotayosicus* to Superstitionidae. This decision was challenged by Prendini & Wheeler, 2005, but upheld by Fet & Soleglad, 2005. The Scorpion Files has so far followed the systematics of the latest published work, but because several authors lately are using Troglotayosicidae in their works on *Belisarius* and *Troglotayosicus*, I've chosen to reinstate Troglotayosicidae in The Scorpion Files' species list. Hopefully, future studies will be able to conclude on the correct taxonomic position for these enigmatic scorpions.

**02.03.20: Tropea & Onnis, 2020 have moved *Belisarius* to the elevated family Belisariidae.**

| <b>Taxa</b>  | <b>Status</b> | <b>Distribution</b> | <b>Comments</b>                     | <b>Reference</b>   |
|--|---------------|---------------------|-------------------------------------|--|
| <i>Belisarius</i> Simon, 1879  | New comb.     |                     | Moved to family Belisariidae.       | Tropea G, Onnis C. A remarkable discovery of a new scorpion genus and species from Sardinia (Scorpiones: Chactoidea: Belisariidae). Arachnida - Rivista Aracnologica Italiana. 2020;VI(XXVI):3-25.         |
| <i>Belisarius ibericus</i> Lourenco, 2015                                      | New species   | Spain               |                                     | Lourenco WR. The genus <i>Belisarius</i> Simon, 1879 (Scorpiones: Troglotayosicidae), with the description of a new vicariant species from the south of Spain. Comptes Rendus - Biologies. 2015;338:362-7. |
| <i>Troglotayosicus akaido</i> Moreno-Gonzalez, Luna-Sarmiento & Prendini, 2024 | New species   | Columbia            | Troglomorphic, leaf-litter species. | Moreno-González JA, Luna-Sarmiento DA, Prendini L. Phylogeny of the Troglomorphic Scorpion Genus <i>Troglotayosicus</i> (Scorpiones: Troglotayosicidae)  |

|  |             |          |  |   |
|--|-------------|----------|--|---|
|  |             |          |  | with Description of a New Species from Colombia. American Museum Novitates. 2024;2024(4011):1-39.   |
| <i>Troglotayosicus ballvei</i><br>Botero-Trujillo, Ochoa & Prendini, 2021      | New species | Ecuador  | Troglomorphic, leaf-litter species.        | Botero-Trujillo R, Ochoa JA, Prendini L. A New Troglomorphic, Leaf-litter Scorpion from Ecuador (Troglotayosicidae: Troglotayosicus). American Museum Novitates. 2021(3981):1-24.   |
| <i>Troglotayosicus hirsutus</i><br>Botero-Trujillo, Ochoa, Tovar & Souza, 2012 | New species | Columbia | Non cavernous species with troglomorphies. | Botero-Trujillo R, Ochoa JA, Tovar OA, Souza J. A new species in the scorpion genus Troglotayosicus from forest leaf litter in Southwestern Colombia (Scorpiones, Troglotayosicidae). Zootaxa. 2012 (3506):63-76.   |
| <i>Troglotayosicus humiculum</i><br>Botero-Trujillo & Francke, 2009            | New species | Colombia | Non cavernous species with troglomorphies. | Botero-Trujillo R, Francke OF. A new species of troglomorphic leaf litter scorpion from Colombia belonging to the genus Troglotayosicus (Scorpiones: Troglotayosicidae). Texas Memorial Museum Speleological Monographs, 7 Studies on the cave and endogean fauna of North America, V. 2009:1-10. |
| <i>Troglotayosicus meijdeni</i><br>Botero-Trujillo, Gonzalez-                  | New sp.     | Columbia |  | Botero-Trujillo R, Gonzalez-Gomez JC, Valenzuela-Rojas  |

|   |         |         |  |  |
|---|---------|---------|--|--|
| Gomez, Valenzuela-Rojas & Garcia, 2017  |         |         |  | JC, Garcia LF. A new species in the troglomorphic scorpion genus <i>Troglotayosicus</i> from Colombia, representing the northernmost known record for the genus (Scorpiones, Troglotayosicidae). <i>Zootaxa</i> . 2017;4244(4):568-82. |
| <i>Troglotayosicus muranunkae</i><br>Sanchez-Vialas, Blasco-Arostegui, Garcia-Gila & Lourenco, 2020 | New sp. | Ecuador |  | Sánchez-Vialas A, Blasco-Aróstegui J, García-Gila J, Lourenco WR. A new species of <i>Troglotayosicus</i> Lourenço, 1981 (Scorpiones: Troglotayosicidae) from southern Ecuador. <i>Arachnology</i> . 2020;18(6):612-8.                 |