

**First report of *Orthochirus innesi* (Scorpionida: Buthidae) from Morocco**

**První zpráva o štíru *Orthochirus innesi* (Scorpionida: Buthidae) z Maroka**

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**Abstract.** The buthid scorpion *Orthochirus innesi* Simon, 1910, is for the first time recorded from Morocco. The find of extremely large female of *O. innesi* from Syria is reported. A list of Moroccan scorpions, which contains 16 species and 30 subspecies is included.

***Orthochirus innesi* Simon, 1910**

**Material.** 1 male from Erfoud near Ziz river, Morocco, leg. P. Janda, 30.VIII.1993; 1 female from Damascus, Syria, leg. Havlík, VI.1963. Both specimens in author's collection.

**Comments.** The Moroccan specimen was collected at night on a sand dune. The area is at the edge of the Sahara Desert and is characterized by small sand dunes alternating with low outliers of Permo-Carboniferous shale. The specimen is a male 26 mm in total length, of which the tail measures 17.2 mm. The Syrian specimen is noted because of its extreme size. It is a female 41 mm in total length, of which the tail measures 22.8 mm.

**Discussion.** *Orthochirus innesi* has been so far known from Egypt, Libya, Tunisia, Algeria, Sudan, Palestine, Israel, Jordan, Lebanon, Syria, Iraq, Kuwait, Qatar and Saudi Arabia (El-Hennawy 1992, Kovařík 1992). Its occurrence in northern Africa is confined to the Sahara, which is also the case of the Moroccan specimen. In Algeria, Vachon (1952) lists this species from Beni Abbés, which is only about 200 km from the Moroccan locality; its presence in Morocco is therefore not surprising. Because of its small size and inconspicuous habits, *O. innesi* is found only sporadically in Algeria, with the collecting sites scattered and far removed from each other (Vachon 1952). It is probably for this reason that its occurrence in Morocco has escaped attention. With *O. innesi* included, Morocco has 16 species (with 30 subspecies) of scorpions belonging to nine genera and three families.

**LIST OF MOROCCAN SCORPIONS**

(compiled from El-Hennawy (1992) - 1, Delacour & Dupre (1992) - 2  
and author's collection - 3)

**Buthidae Simon, 1879**

*Androctonus amoreuxi amoreuxi* (Audoin & Savigny, 1812) (1)

*Androctonus bicolor liouvillei* (Pallary, 1924) (1, 3)

*Androctonus crassicauda gonneti* Vachon, 1948 (1)

*Androctonus mauretanicus mauretanicus* (Pocock, 1902) (1, 3)

*Androctonus m. bourdoni* Vachon, 1948 (1)

*Androctonus sergenti* Vachon, 1948 (1)

*Buthacus leptochelys leptochelys* (Hemprich & Ehrenberg, 1829) (1, 3)

*Butheoloides maroccanus* Hirst, 1925 (1)  
*Buthus atlantis atlantis* Pocock, 1889 (1)  
*Buthus a. parroti* Vachon, 1949 (1)  
*Buthus barbouri* Werner, 1932 (1)  
*Buthus maroccanus* Birula, 1903 (1, 3)  
*Buthus occitanus occitanus* (Amoreux, 1789) (1, 3)  
*Buthus o. malhommei* Vachon, 1949 (1)  
*Buthus o. mardochei* (E. Simon, 1878) (1)  
*Buthus o. paris* (C. L. Koch, 1839) (1)  
*Buthus o. tunetanus* (Herbst, 1800) (1)  
*Hottentota franzwernerii gentili* (Pallary, 1924) (1, 3)  
*Microbuthus fagei* Vachon, 1949 (2)  
*Orthochirus innesi* E. Simon, 1910 (3)

Euscorpidae Laurie, 1896

*Euscorpium italicum* (Herbst, 1800) (1)

Scorpionidae Pocock, 1893

*Scorpio maurus behringsi* Schenkel, 1949 (1)  
*Scorpio m. fuliginosus* (Pallary, 1928) (1)  
*Scorpio m. hesperus* Birula, 1910 (1)  
*Scorpio m. legionis* Werner, 1932 (1)  
*Scorpio m. mogadorensis* Birula, 1910 (1, 3)  
*Scorpio m. stemmleri* Schenkel, 1949 (1)  
*Scorpio m. subtypicus* Birula, 1910 (1)  
*Scorpio m. tunetanus* Birula, 1910 (1, 3)  
*Scorpio m. weidholzi* Werner, 1929 (1, 3)

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## SOUHRN

*Orthochirus innesi* Simon, 1910 je zde poprvé udáván z území Maroka, z okraje Sahary poblíž říčky Ziz. Nalezený exemplář je samec s celkovým vzrůstem 26 mm, z čehož 17,2 mm představuje ocas.

Druh se vyskytuje v Severní Africe a přes Arabský poloostrov zasahuje až do Iráku. V rámci Severní Afriky je jeho výskyt vázán na Saharu, a právě na jejím marockém okraji byl exemplář nalezen. Vachon (1952) udává v Alžírsku jako místo výskytu Beni Abbés, které je vzdušnou čarou od marocké lokality vzdáleno něco přes 200 km.

Exemplář ze Sýrie zde uvádím pro jeho extrémní mohutnost v rámci druhu. Jedná se o samici s celkovým vzrůstem 41 mm, z čehož 22,8 mm představuje ocas. Tato samice byla nalezena v Damašku v červnu 1963.

Z území Maroka je díky zmíněnému nálezu známo již 16 druhů (ve 30 poddruzích) devíti rodů tří čeledí štírů. Jejich soupis je uveden v druhé části článku.