

First record of *Heterophrynus elaphus* (Pocock, 1903) (Amblypygi: Phryniidae) for Bolivia

Florian Réveillion¹, Pierre Olivier Maquart² & Hubert Höfer³

¹ CEREP, Musées de Sens, 5 rue Rigault, 89100 Sens, France – florian.reveillion@sfr.fr

² 52 chemin du fief du Magny, 85210 Sainte-Hermine, France – pierreoliviermaquart@yahoo.fr

³ Staatliches Museum für Naturkunde Karlsruhe, Erbprinzenstr. 13, D-76133 Karlsruhe, Germany

Abstract: New geographical data for *Heterophrynus elaphus* (Amblypygi, Phryniidae) represent the first Bolivian record of a whip spider.

Key words: Amblypygi, Phryniidae, Heterophryniinae, whip spider, *Heterophrynus elaphus*, first record, Bolivia.

Primera cita de Bolivia de *Heterophrynus elaphus* (Pocock, 1903) (Amblypygi: Phryniidae)

Resumen: Una nueva localidad para *Heterophrynus elaphus* (Amblypygi, Phryniidae) representa el primer registro boliviano de ambliopígididos.

Palabras clave: Amblypygi, Phryniidae, Heterophryniinae, ambliopígido, *Heterophrynus elaphus*, primera cita, Bolivia.

Due to their prevalent occurrence in tropical and subtropical regions, their cryptic and nocturnal behavior and low abundance, whip spider (Amblypygi) are not among the frequently collected and studied arthropods. Therefore the distribution of many species is not known (Harvey, 2002, 2007). However, in many museum or university collections around the world, (often unidentified) specimens of these arachnids can be found. Visiting and revising the collections can even reveal new species (Pocock, 1894) and certainly improve the data basis for the distribution of single species.

At the collections of the State Museum of Natural History Karlsruhe 40 vouchers of several South American species are deposited, originating from the studies of the former curator and arachnologist Prof. Beck and his collaborators (Beck, 1972; Beck & Görke, 1974, under *Admetus pumilio* C.L. Koch). Among this material are several specimens of *Heterophrynus elaphus* (Pocock, 1903) from Bolivia. This species was, to date, only known from Peru (Harvey, 2003). Moreover, to date no amblypygid species was recorded from Bolivia (Harvey, 2003), so this is the first published record of a whip spider from Bolivia and a new geographical record for *H. elaphus*.

For identification of the specimens we have used the key in Weygoldt (2002).

MATERIAL EXAMINED: 2♂♂, 3♀♀: Bolivia, Beni, Prov. Ballivian, Rurrenabaque (Lat. 14.442157, Long. -67.529867, WGS84); Eduardo Forno leg., 12/I/1982, manual sampling at night,

from secondary forest, humid, on stones covered with moss and lichens. Voucher SMNK-AMBLY 0046 deposited at Staatliches Museum für Naturkunde Karlsruhe, Germany.

Bibliography

- BECK, L. 1972. Zur Tagesperiodik der Laufaktivität von *Admetus pumilio* C. L. Koch (Arachnida, Amblypygi) aus dem neotropischen Regenwald II. *Oecologia*, **9**: 65-102.
- BECK, L. & K. GÖRKE 1974. Tagesperiodik, Revierverhalten und Beutefang der Geißelspinne *Admetus pumilio* C.L. Koch im Freiland. *Zeitung für Tierpsychologie*, **35**: 173-186.
- HARVEY, M. S. 2002. The neglected cousins: What do we know about the smaller arachnid orders? *Journal of Arachnology*, **30**: 357-372.
- HARVEY, M. S. 2003. *Catalogue of the smaller Arachnid orders of the world: Amblypygi, Uropygi, Schizomida, Palpigradi, Ricinulei and Solifugae*. CSIRO. 385 pp.
- HARVEY, M. S. 2007. The smaller arachnid orders: diversity, descriptions and distributions from Linnaeus to the present (1758 to 2007). *Zootaxa*, **1668**: 1-766.
- POCOCK, R. I. 1894. Notes on the Pedipalpi of the Family Tarantulidae contained in the Collection of the British Museum. *Annals and Magazine of Natural History*, **14**(6): 273-298.
- WEYGOLDT, P. 2002. Amblypygi. Pp. 293-302 in J. Adis (ed.). *Amazonian Arachnida and Myriapoda*. Pensoft Publ., Sofia, Moscow.