

## New records of water mites (Acari, Hydrachnidia) from Iran, with the description of a new species

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### Abstract

New records of Iranian water mites (Acari: Hydrachnidia) from the collection of Jürgen Schwoerbel are reported. *Axonopsis gerecke* is described as new to science. The first description is given of the female of *Hygrobates bucharicus* Sokolow, 1928. New records from Iran are given of: *Torrenticola anomala* (Koch, 1837), *T. ungeri* (Szalay, 1927), *Monatractides lusitanicus* (Lundblad, 1941), *Albia stationis* Thon, 1899, and *Aturus barbatulus* K. Viets, 1936.

**Keywords:** Acari, water mites, taxonomy, new species, Iran

### Introduction

The detection of unstudied material in the water mite collection Schwoerbel not only allows for important additions to our knowledge of the water mite fauna of Iran, but also provides material useful for the analysis of previously reported species (Pestic 2004; Pestic et al. 2004). In this paper, further information is provided, based partly on this collection, partly on the results of recent field work done by R. Vafaei (Arak). Seven water mite species (Acari: Hydrachnidia) are reported, including one newspecies of the genus *Axonopsis* Piersig.

### Material and Methods

Water mites were conserved in Koenike's fluid and dissected as described elsewhere (e.g. Gerecke 1991). The holotype and paratype of the new species will be deposited in the Naturhistorisches Museum Basel (NHMB).

The composition of the material is given as: (males/females/deutonymphs). The fol-