

## Two new genera and two new species of the subterranean family Bogidiellidae (Crustacea, Amphipoda) from groundwaters in northern Oman, with notes on the geographic distribution of the family

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### Abstract

The bogidiellid amphipod crustaceans *Stockigidiella aequiman* new genus and species and *Omangidiella parvidactyla* new genus and species are described from subterranean groundwater habitats in the Sultanate of Oman on the Arabian Peninsula. *Stockigidiella* is easily distinguished by a row of long, deeply bifid setae on pereopods 5 and 6, whereas *Omangidiella* is distinguished by a greatly reduced propodus of gnathopod 2 and elongate oostegites; it also possesses a third coxal lobe on the maxilliped, a unique character noted only in three other bogidiellid genera from northern and eastern Africa. At present, the family Bogidiellidae contains 35 genera and 105 species but a significant number of provisionally recognized new species and possibly several new genera await description. The geographic distribution of the family Bogidiellidae is nearly circum-global, but species tend to be clustered in discontinuous regions. A number of important questions regarding the origin and biogeographic history of the family remains unanswered.

**Key words** : biogeography, Bogidiellidae, Oman, stygomorphic, subterranean waters

### Riassunto

Nel presente lavoro vengono descritti due nuovi generi e specie di Crostacei Anfipodi Bogidiellidi, *Stockigidiella aequiman* e *Omangidiella parvidactyla* provenienti da habitat di acque dolci