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A redescription of *Metopa* species (Amphipoda, Stenothoidae) based on the type material. 3. Natural History Museum, Oslo (NHM)

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Table of contents

| | |
|---|----|
| Abstract | 3 |
| Introduction | 4 |
| Material and methods | 4 |
| <i>Metopa aequicornis</i> Sars, 1879 | 5 |
| <i>Metopa affinis</i> Boeck, 1871 | 6 |
| <i>Metopa alderii</i> (Bate, 1857) | 8 |
| <i>Metopa boeckii</i> Sars, 1892 | 10 |
| <i>Metopa borealis</i> Sars, 1883 | 11 |
| <i>Metopa invalida</i> Sars, 1892 | 12 |
| <i>Metopa leptocarpa</i> Sars, 1883 | 14 |
| <i>Metopa longicornis</i> Boeck, 1871 | 15 |
| <i>Metopa palmata</i> Sars, 1892 | 16 |
| <i>Metopa propinqua</i> Sars, 1892 | 17 |
| <i>Metopa pusilla</i> Sars, 1892 | 19 |
| <i>Metopa robusta</i> Sars, 1892 | 20 |
| <i>Metopa sinuata</i> Sars, 1892 | 22 |
| <i>Metopa tenuimana</i> Sars, 1892 | 23 |
| Discussion | 24 |
| Acknowledgements | 25 |
| References | 25 |

Abstract

This paper presents redescriptions of 14 species of the genus *Metopa* (Stenothoidae) based on the type-collections at the Natural History Museum in Oslo.

Type (syntype/holotype) material of *Metopa aequicornis*, *M. borealis*, *M. leptocarpa*, *M. palmata*, *M. propinqua*, *M. pusilla*, *M. robusta* and *M. tenuimana* was dissected and examined morphologically. Material from the original authors of *M. affinis*, *M. boeckii*, *M. invalida*, *M. longicornis* and *M. sinuata* was also examined morphologically, in addition to Sars' material of *M. alderi*, including his type material of the later synonymized *M. spectabilis*. All species are redescribed using line drawings, and comparisons with the original texts and figures. For the species *M. invalida*, *M. palmata*, *M. robusta* and *M. sinuata* there are morphologic characters that indicate that they in fact do not belong to the *Metopa* s str, but any possible changes in classification are postponed pending a phylogenetic analysis of the genera *Metopa* and *Stenula* has been performed.

A summary of the other species having earlier been designed to *Metopa* in the Oslo collections is given, with a list of their present taxonomic placing.

Key words: Amphipoda, *Metopa*, redescription, Natural History Museum Oslo