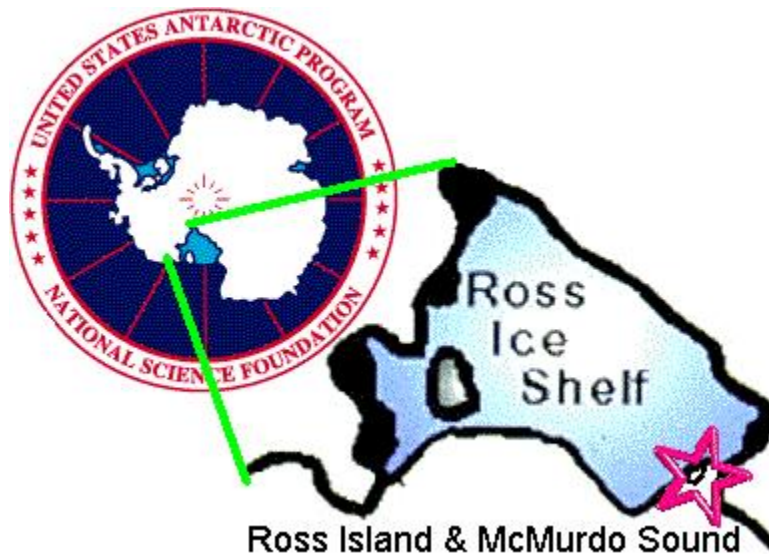


Chaetognatha: arrow worms

UNDERWATER FIELD GUIDE TO ROSS ISLAND & MCMURDO SOUND, ANTARCTICA

Peter Brueggeman

Photographs: Paul Cziko / McMurdo Oceanographic Observatory at <https://moo-antarctica.net/live>



The National Science Foundation's Office of Polar Programs sponsored Norbert Wu on an Artist's and Writer's Grant project, in which Peter Brueggeman participated. One outcome from Wu's endeavor is this Field Guide, which builds upon principal photography by Norbert Wu, with photos from other photographers, who are credited on their photographs and above. This Field Guide is intended to facilitate underwater/topside field identification from visual characters, and there can be some uncertainty in identifications solely from photographs.

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arrow worm



Arrow worms are predatory marine worms, and are found throughout Antarctica ^[1]. The arrow worms in these photos were about ten centimeters long ^[2].

At least seventeen species occur in Antarctica, with *Eukrohnia hamata* being the most common in abundance of individuals and frequency of occurrence ^[1].

References: **1:** Antarctic Chaetognatha: United States Antarctic Research Program Eltanin cruises 10–23, 25, and 27, Paper 2. Biology of the Antarctic Seas XIV. Antarctic Research Series 39(2):69-204, 2013; **2:** McMurdo Oceanographic Observatory on Twitter @MOOAntarctica 19 July 2018