



## A survey of Mysida from the Lizard Island area, Great Barrier Reef, Australia, Subfamily Siriellinae (Crustacea, Mysida, Mysidae)

M. SUZETTE TALBOT

c/o Crustacea section, The Australian Museum, 6 College Street, Sydney, New South Wales, 2010, Australia

### Table of contents

Abstract .....	1
Introduction .....	2
Materials and methods .....	2
Mysidae Haworth, 1825 .....	5
Siriellinae Norman, 1892 .....	5
<i>Siriella</i> Dana, 1850 .....	5
Key to species of <i>Siriella</i> from the Lizard Island area .....	6
<i>Siriella affinis</i> Hansen, 1910 .....	7
<i>Siriella anomala</i> Hansen, 1910 .....	10
<i>Siriella distinguenda</i> Hansen, 1910 .....	13
<i>Siriella gracilis</i> Dana, 1852 .....	17
<i>Siriella inornata</i> Hansen, 1910 .....	20
<i>Siriella thompsonii</i> (Milne Edwards, 1837) .....	30
<i>Siriella vincenti</i> W.M. Tattersall, 1927 .....	33
<i>Siriella vulgaris</i> Hansen, 1910 .....	36
Genus <i>Hemisiriella</i> .....	41
<i>Hemisiriella pulchra</i> Hansen, 1910 .....	41
Conclusion .....	45
Subfamily Rhopalophthalminae .....	45
Genus <i>Rhopalophthalmus</i> Illig, 1906 .....	46
Acknowledgments .....	46
References .....	46

### Abstract

Ten species of Siriellinae mysids including *Siriella lacertilis* **sp. nov.**, and one Rhopalophthalminae mysid are reported from the Lizard Island area of the Great Barrier Reef, Australia.

**Key words:** Mysinae, *Siriella*, *Hemisiriella*, *Rhopalophthalmus*, new species, taxonomy