



*Zootaxa* 3078: 1–113 (2011)  
www.mapress.com/zootaxa/

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**Monograph**

ISSN 1175-5326 (print edition)

**ZOOTAXA**

ISSN 1175-5334 (online edition)

# ZOOTAXA

3078

## **A taxonomic review of the Leucothoidae (Crustacea: Amphipoda)**

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Magnolia Press  
Auckland, New Zealand

*Accepted by J. Lowry: 26 Aug. 2011; published: 28 Oct. 2011*

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(*Zootaxa* 3078)

113 pp.; 30 cm.

28 Oct. 2011

ISBN 978-1-86977-791-3 (paperback)

ISBN 978-1-86977-792-0 (Online edition)

FIRST PUBLISHED IN 2011 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: [zootaxa@mapress.com](mailto:zootaxa@mapress.com)

<http://www.mapress.com/zootaxa/>

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ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

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## Abstract

The taxonomy of the amphipod family Leucothoidae has been reviewed and changes are proposed. Currently, there are 139 described species of leucothoids in two clades. The anamixid clade contains 39 species and the leucothoid clade contains 100 species. For the first time in a single work, diagnoses, distributions, and available host data are presented for all extant species of the Leucothoidae. The genus *Leucothoella* has been suppressed based on morphological similarities to the genus *Leucothoe*. The genera *Anamixis* and *Paranamixis* need revision, as the major defining character of *Paranamixis* (absence of gnathopod 1) is likely developmental. However, due to lack of available data, the genera currently remain separate. Identification keys are provided for all but five poorly described species in the family.

**Key words:** *Anamixis*, *Nepanamixis*, *Paranamixis*, *Leucothoe*, *Leucothoella*, *Paraleucothoe*