

A NEW SPECIES OF *KELLERIA* (COPEPODA: CYCLOPOIDA) FROM BRACKISH WATER IN VICTORIA

By I. A. E. BAYLY

Department of Zoology, Monash University, Clayton, Victoria

Figures 1 and 2

Manuscript received, 20th February, 1969

I. INTRODUCTION

Gurney (1927), while erecting the genus *Kelleria* for the accommodation of two newly discovered species of cyclopoid copepods from the Suez Canal, *K. regalis* Gurney and *K. purpurocincta* Gurney, also suggested the transfer of two previously described species, *Pseudanthessius propinquus* T. Scott (1895) and *P. pectinatus* A. Scott (1909), into this new genus. A similar generic transfer was proposed by Nicholls (1944) for yet another species of *Pseudanthessius*—*P. fucicolus* T. Scott (1912). In view of the subsequent description of three additional species by Sewell (1949), and that of a fourth by Krishnaswamy (1952), the genus *Kelleria* now contains, in order of description, the following nine species: *K. propinqua* (T. Scott), *K. pectinata* (A. Scott), *K. fucicola* (T. Scott), *K. regalis* Gurney, *K. purpurocincta* Gurney, *K. andamanensis* Sewell, *K. camortensis* Sewell, *K. gurneyi* Sewell, and *K. rubimaculata* Krishnaswamy.

In the course of recent investigations into the brackish water zooplankton of the Gippsland Lakes, Victoria, a species of *Kelleria* has come to hand which corresponds with none of the above species and is here described as new.

II. DESCRIPTION OF SPECIES

Family **LICHOMOLGIDAE** Kossmann

Subfamily **LICHOMOLGINAE** Gurney

Genus ***Kelleria*** Gurney

It may be noted that neither of the two originally included nominal species were designated or indicated as the type species and so far no subsequent designation has been made. *K. regalis*, being the more fully described and figured of these two, and also having position precedence, would seem to be the logical choice for such a designation. However, since this paper is not of a revisionary nature, formal designation to this effect will be avoided.

***Kelleria australiensis* sp. nov.**

Figs 1A–1P, 2

Specimens Examined. Lake King near Boxes Creek, 30 ♀, 15 ♂ (unlimited material available), coll. C. R. Campbell, 26.i.1968. In addition small numbers were examined from several other collections made at various places within the Gippsland Lake Complex (Lake Victoria and Lake King) by G. H. Arnott.