

A NEW SPECIES OF *BOCCARDIA* (POLYCHAETA: SPIONIDAE)
FROM TWO FRESHWATER LAKES IN SOUTHEASTERN AUSTRALIA

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SUMMARY

Boccardia limnicola, is described and illustrated. The species, closely related to marine forms, is distinguished by an unusual branchial arrangement. Ecological notes are provided.

INTRODUCTION

Some spionid polychaetes were collected from two freshwater lakes in southeastern Australia by Brian V. Timms in the spring of 1970. The two lakes are Lake Bong Bong near Glenelg River estuary, Victoria and Lake Barracoota near Mallacoota estuary, Victoria. Polychaetes from the two lakes have been determined to be of the same species. These specialized spionids represent a species new to science and are described in the present study as *Boccardia limnicola*. Types are selected from the Lake Bong Bong collections and are deposited in the Australian Museum, Sydney (AM). The Lake Barracoota material remains with the authors.

SYSTEMATIC ACCOUNT

Boccardia limnicola, new species

MATERIAL EXAMINED: Lake Bong Bong, Victoria, November 17, 1970, in sand, 0.5 m depth HOLOTYPE AM W. 7033; 19 PARATYPES AM W. 7034. Lake Barracoota, October, 1970, in coarse sand covered by detritus, 1.0-3.0 m. depth (3).