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Bathyal Upper Miocene Mollusca from Wairarapa  
District, New Zealand

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*Abstract*

MIDDLE Tongaporutuan Mollusca are listed from three localities in the Mangaopari Stream area, south of Martinborough, and from three localities in the Wainuioru Valley, east of Gladstone. They include *Cymatona*, *Teremelon*, *Inglisella*, *Bathytoma*, *Eoscobinella*, and several other genera that are rare in the Upper Miocene of New Zealand, and also *Apiotoma*, which has not been recorded from New Zealand before. Two new genera and species of Turridae, a new genus of Cancellariidae, and new species of *Cuna*, *Pristinacca*, *Friginatica*, *Oamaruia*, *Waipaoa*, *Inglisella*, *Austromitra*, *Euliginella*, *Apiotoma*, *Turridrupa*, *Bathytoma*, *Mauidrillia*, *Cosmasyrinx*, *Eoscobinella*, *Splendrillia*, and *Hauturua* are described. The siltstone from which the faunas were collected have apparently been deposited in the upper part of the bathyal zone.

INTRODUCTION

VELLA (1954) described several new and highly unusual species and genera of Mollusca from a middle Tongaporutuan locality at Bell's Creek, a tributary of Mangaopari Stream, near White Rock Road, South Wairarapa. He did not list the fauna as a whole, but recorded a number of interesting forms (such as *Marshallena curtata* Marwick) in addition to the new species. Collecting at the locality over a period of about five years by the writer, by Mr P. Wellman, and recently by Mr D. Cowe, has added considerably to the list of species known from Bell's Creek, including further new genera and species. Substantially different faunas were collected at similar localities in Mangaopari Stream and its major tributary McLeod's Stream, along the strike with the Bell's Creek locality and only half a mile to the east of it. Faunas from Bell's Creek, Mangaopari Stream, and McLeod's Stream are listed in Table I. Location of the three localities is shown in Fig. 1.

Near Ruakiwi Road, 50km north-east of Bell's Creek, Mr S. Bunopas, Geological Survey of Thailand,† collected several small faunas of middle Tongaporutuan age that resemble those from Mangaopari Stream and McLeod's Stream in many features. They contain several genera that have not previously been reported from the Tongaporutuan Stage, such as *Teremelon*, *Proximitra*, *Inglisella*, *Cymatona*, *Thatcheria*, and *Eoscobinella*. The localities have been re-collected twice, the

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