

SECOND REPORT ON A COLLECTION OF FOSSILS FROM THE  
LAKES ENTRANCE SHAFT, GIPPSLAND, VICTORIA.

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Report No. 1943/10.



This collection of fossils was made by Mr. H. J. Cook, Supervisor of the Lakes Entrance Project during December, 1942. It consists chiefly of broken specimens of molluscan shells, the most important being a fragment of a large Mitra, Fulgeraria ancilloides (Tate) and an almost complete specimen of Cypraea consobrina (McCoy). The importance of the discovery of the latter species is discussed in the report on my recent visit to the shaft, but the presence of the former (which has previously only been recorded from the Balcumbian and has a length of 110 millimetres) in the present collection, again indicates that valuable information has been lost through inadequate sampling of the rich shelly zone in the Kalimnan stage.

The depths given below are those indicated on the samples.

0-100 feet - These limiting depths are definitely within the Kalimnan stage. Smaller fossils have been obtained by washing the samples.

FORAMINIFERA - Quinqueloculina amnophila, Astronomenion australe, Ephidium crispum.

BRYOZOA - Cellaria rigida, C. rigida var. perampla, C. fistulosa, Melicerita scutimarginata, Selenaria punctata, Lunulites canaliculata, Schizoperella burlingtonensis.

BRACHIOPODA - Stethothyris insolita.

PELECYPODA - Chlamys antiaustralis, Spondylus pseudoradulus, Glycymeris subtrigonalis, Limopsis beaumarriensis, Dorinia johnstoni, Venericardia gippslandica, V. depressulata, Antigona dimorphophylla, Cardium sp., Eucassatella kingicoleoides, E. canna, Panope orbita, Aloida (Notocorbula) ephemia, Cana multilamella, C. polita.

GASTEROPODA - Turritella tristira, T. conspicabilis, T. sp. nov., Fulgeraria ancilloides, Cypraea consobrina.

OSTRACODA - Bairdia amygdaloides, Cythere scutigera.

100-200 feet - These limiting depths embrace the lower portion of the Kalimnan and most of the Upper Miocene horizon.

PELECYPODA - Ostrea arenicola, Spondylus pseudoradula, Serripeecten yahliensis.

170-220 feet - These limiting depths are within the Upper Miocene horizon. The fossils listed have been obtained by washing of the sample.

FORAMINIFERA - Gaudryina collinsi, Lenticulina costata var. multicostata, Anomalina sp. 1.

BRYOZOA - Mucronella teres, Smittina bisinuata, Emballothea mamillata.

PELECYPODA - Serripeecten yahliensis, Venericardia spinulosa.

CANBERRA, A.C.T.  
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I. Crespin  
(I. Crespin)  
COMMONWEALTH PALAEONTOLOGIST.