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COMMONWEALTH OF AUSTRALIA

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DEPARTMENT OF NATIONAL DEVELOPMENT  
BUREAU OF MINERAL RESOURCES  
GEOLOGY AND GEOPHYSICS

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**RECORDS:**

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Report on a sample of Bryozoal Marl from Montagu  
Northwest Tasmania

by

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REPORT ON A SAMPLE OF BRYOZOAL MARL FROM MONTAGU,  
NORTH-EAST T. ISLAND.

Report No. 1944/33.A

This sample of bryozoal marl from Montagu, Tasmania, was collected by Mr. P. Canavan. It contains a faunal assemblage typical of the Balcombian Stage of the Middle Miocene as found in Victoria and can be referred to Longford substage of the Balcombian.

Amongst the foraminifera present, the most important zonal species is Sherbornina atkinsoni Chapman, which was originally described from the Table Cape beds, and which is found in the Middle Miocene (Balcombian Stage) limestones of Murrawah, Tasmania and in the Balcombian deposits in Gippsland, Victoria. The bryozoal and ostracodal assemblages are also characteristic of that stage. This bryozoal marl from Montagu can be closely correlated with the bryozoal limestone from Murrawah about 15 miles to the southwest.

A detailed description of the sample is given below:-

The rock is a cream-coloured bryozoal marl. The washings contain numerous small foraminifera, abundant sponge spicules, poorly preserved bryozoa, ostracoda and abundant small facets of calcite.

FORAMINIFERA: Dorothia parvi, Trifarina bradyi, Nelivina sp. B. Victoriana, Cassidulina subglobosa, Lasena obliquata var., L. sp., Dentalina obliqua, D. sp., Lenticulina caltrata, L. cf. reticulata, Guttulina problema, G. (Sismoidina) silvestrii, Sismoidella elegantissima, Sismomorphina chopmani, Uvicorina canariensis, Globicorina bulloides, Globicorinoides trilobus, Novellina novellonoides, Latellina corrugata, Spinulina limbata var. tuberculolimbata, Siphonella australis, Mononallionella lineolata, H. wilsoni, Sponides recurvus, A. acbriculus, Cibicides lobatulus, C. unguiculatus, Planulina wuellerstorfi, Discorbis orbicularis, Gastroidina calaniti, Sherbornina atkinsoni, Alphidium bowchini.

SPONGIDA: Leionema newberryi.

ECHINODERMATA: Goniocidaris prunispinosa.

BRYOZOA: Helicorita acutimarginata, Cellaria rigida, C. rigida var. peremola, C. divaricata, C. continua, Oxolisia elongata, Callonora fossa, Membranipora macrostoma, Hyommonella abdita, Retenora rigata, R. beaniana, Crisia acropora, Idmona milneana, I. incurva, I. trizona, Macynoeia proboscidea, Entalophora longipora, Homoxa foliacea, Desmanlasiosocia sp.

BRACHYPODA: Chlamys sp.

OSTRACODA: Saardia subdeltoides, S. amygdaloides, Authocythere sp., Cythere melchioroides, C. dietrichi, C. flexicostata, Alatocythere presentensis, Cytherea auricula, C. subtruncata, C. lata.

CANBERRA, A.C.T.  
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