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REPORT ON A COLLECTION OF FOSSILS FROM MARRAWAH,
SMITHTON, AND FLINDERS ISLAND, TASMANIA.

Received from the Tasmanian
Mines Dept. on 20th Dec., 1932

MARRAWAH, TASMANIA. (Private Collection).

<u>POLYZOA</u>	-	<u>Cellepora coronopus</u> Busk. <u>Cellepora biradiata</u> Waters. <u>Schizellozoon</u> sp.
<u>ECHINODERMA</u>	-	<u>Linthia</u> sp.
<u>BRACHIOPODA</u>	-	<u>Magellania grandis</u> (T. Wds.) <u>Magellania garibaldiana</u> Dav.
<u>PELECYPODA</u>	-	<u>Chlamys praecursor</u> (Chapman) <u>Chlamys</u> cf. <u>praecursor</u> (Chapman) <u>Ostrea</u> cf. <u>hyotidoidea</u> Tate <u>Cypraea</u> cf. <u>leptorhyncha</u> McCoy
<u>PISCES</u>	-	<u>Isurus retroflexus</u> Ag.

The age of these fossils is Lower Miocene.

MARRAWAH, TASMANIA. (Geol. Surv. Coll.)

Pink Limestone, 3 miles S.E. of Redpa.

Hard, pink polyzoal limestone. In thin section, it consists almost entirely of polyzoal fragments, set in a calcitic matrix. A few foraminifera are present, including Textularia gibbosa, Quinqueloculina sp., and numerous small rotalines; also echinoid plates and spines.

The age of the rock is Lower Miocene. It compares closely with the pink limestone from Mt. Gambier, South Australia, which is also Lower Miocene.

Limestones, 1½ miles S.S.E. of Green Point, Marrawah.

(a) Weathered, yellowish polyzoal limestone with foraminifera (Carpenteria rotaliformis), polyzoa (Cellepora fossa) and cidaroid plates.

(b) Whitish, marly, polyzoal limestone. Washings contain foraminifera, polyzoa and brachiopoda.

FORAMINIFERA

-
Textularia carinata d'Orb.
Textularia sagittula Defr.
Lenticulina orbicularis d'Orb.
Globigerina bulloides d'Orb.
Globigerina triloba Reuss
Globigerina cf. inflata d'Orb.
Carpenteria alternata Chapm. & Cressin
Carpenteria rotaliformis Chapm. & Cressin

Anomalina nonionoides Parr
Discorbis turbo d'Orb
Heronallenia lingulata (Burr. & Holl.)
Cibicides refulgens (Montf.)
Cibicides ungerianua (d'Orb)
Cibicides culter (P. & J.)
Siphonina australis Cushman
? Spirillina decorata Brady
Eponides scabriculus (Chapman)
Eponides karsteni (Reuss)
Elphidium antonina (d'Orb.)
Planorbulinella larvata (P. & J.) var.
plana H. & E.

ANTHOZOA

-

Mopsea tenisoni Chapman
Mopsea sp. nov.

POLYZOA

-

Cellaria australis McG
Schizolavella phymatopora (McG)
Acropora gracilis (M. Edws.)
Hornera striata M. Edws.
Idmonea trigona McG.
Idmonea incurva McG.
Lichenopora sp.

BRACHIOPODA

-

Murrawia triangularis.

The age of these two limestones is Lower Miocene.

MOWBRAY SWAMP (SMITHTON) TASMANIA, (GEOL. SURV. COLL.)(a) Pulbeena Limestone, Smithton, Tasmania.PELECYPODA

-

Pisidium tasmanicum T. Wds.

GASTEROPODA

-

Bulinus tasmanicus (T. Wds.)
Bythinella nigra (Q. & G.)

(b) Smith's Farm, Broadmeadows, Smithton, Tasmania.PELECYPODA

-

Ostrea virescens Angas
Ostrea sp.
Spisula trigonella (Lam.)
Pecten medium Lam.
Cardium tenuicostatum Lam.

GASTEROPODA

-

Limnaea subaquatilis Tate

The age of these beds is Pleistocene.

NO. 1 BORE, WINGAROO, FLINDERS ISLAND, TASMANIA.Upper Part of Bore.POLYZOA

-

Cellepora sp.

10 - 55 feet.

PELECYPODA

-

Chlamys asperimus (Lam)
Nuculana crassa Hinds

		<u>Codakia</u> sp.
		<u>Katelysia peronii</u> (Lam.)
		<u>Antigona gallinula</u> (Lam.)
<u>GASTEROPODA</u>	-	
		<u>Sigapatella calyptraeformis</u> (Lam.)
55 - 80 feet.		
<u>PELECYPODA</u>	-	
		<u>Ostrea</u> cf. <u>virescens</u> Angas
		<u>Nuculana crassa</u> Hinds
		<u>Glycymeris radians</u> (Lam.)
		<u>Glycymeris convexa</u> (Tate)
<u>PELECYPODA</u>	-	
		<u>Divaricella cumingi</u> (Adams and Angas)
		<u>Clausinella placida</u> (Phil.)
		<u>Katelysia strigosa</u> (Lam.)
		<u>Amphidesma crycinaea</u> (Lam.)
		<u>Cardita</u> cf. <u>kalimnae</u> (Pritchard)
<u>SCAPHOPODA</u>	-	
		<u>Dentalium</u> sp.
<u>GASTEROPODA</u>	-	
		<u>Turritella australis</u> Lam.
		<u>Turritella hookeri</u> Reeve
		<u>Tylospira coronata</u> Tate.
		<u>Zemira</u> sp.
		<u>Conus anemone</u> Lam.
		<u>Fusinus novaehollandae</u> (Reeve) var.
		<u>Eugyrina</u> aff. <u>subdistorta</u> (Lam.)
		<u>Nassarius fasciatus</u> (Lam.)
		<u>Sigapatella calyptraeformis</u> (Lam.)
		<u>Polinices conicus</u> (Lam.)
		<u>Bankivia fasciata</u> (Monke)
		<u>Bittium diemenensis</u> (Q. & G.)

The age of the fossils from No. 1 Bore, Wingaroo, is Upper Pliocene (Werrikooian.)

LAGOON, FIVE MILE, FLINDERS ISLAND.

<u>GASTEROPODA</u>	-	<u>Bulinus pyramidata</u> . (Sow.)
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This shell is found living in the lagoon.

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