

See Charts 24, 25, and 26, and Diagrams 10 and 11.

Number of Station.	Date.	Position.	Depth in Fathoms.	Temperature of the Sea-water (Fahr.).		Designation and Physical Characters.	CARBONATE OF CALCIUM.				
				Bottom	Surface		Percent.	Foraminifera.	Other Organisms.		
Termination Land to Melbourne— <i>continued</i> .	*160	1874 Mar. 13	42 42 0 S. 134 10 0 E.	2600	33.9	55.0	RED CLAY, when wet chocolate coloured, reddish when dry, coherent, breaking up with difficulty in water. Residue reddish.	18.56	(12.00%), Globigerinidæ, <i>Pulvinulina</i> . (1.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(5.56%), Teeth of fish and some pieces of bone, Brachiopods, Ostracodes, Echinoderm fragments, Polyzoa, a few Cocoliths.	
	Melbourne to Sydney.	161	Apr. 1	38 22 30 S. 144 36 30 E.	33	...	63.5	SHELLY SANDS, mottled yellow and brown. Residues dark and pale brown.	82.22	(10.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(72.22%), <i>Serpula</i> , Gasteropods, Lamellibranchs, Ostracodes, Echinoderm fragments, Polyzoa.
		162	" 2	39 10 30 S. 146 37 0 E.	38	...	63.2				
		163	" 4	36 57 0 S. 150 34 0 E.	2200	34.5	72.0	GLOBIGERINA OOZE, grey, plastic, green when dry, coherent, fine grained. Residue dark green.	61.77	(25.00%), Globigerinidæ, <i>Pulvinulina</i> . (5.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(31.77%), <i>Serpula</i> , Pteropods, Ostracodes, Echinoderm fragments, Alcyonarian spicules, Cocoliths, Cocospheres.
	Off Sydney.	163A	" 4	36 59 0 S. 150 20 0 E.	150	...	71.0	GREEN MUD (?).	...	...	...
		...	" 4	Port Jackson.	2-10 6-15 7	...	...	BLUE SANDY MUDS, with fragments of shells, in other cases a shelly deposit with many sandy particles. Residues mottled brown.	42.36	(1.00%), Globigerinidæ. (5.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(36.36%), <i>Serpula</i> , Brachiopods, Gasteropods, Lamellibranchs, fragments of Echinoderms, calcareous Alge.
		163B	June 3	33 51 15 S. 151 22 15 E.	35	63.0	69.0	...	...	...	...
		163C	" 12	33 55 0 S. 151 35 0 E.	85	62.2	67.5	HARD GROUND, shells.	...	...	...
		163D	" 12	33 57 30 S. 151 39 15 E.	120	...	68.0	GREEN SAND.	...	Globigerinidæ, <i>Pulvinulina</i> . Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ.	Gasteropods, Pteropods, fragments of Echinoderms.
	163E	" 12	34 0 15 S. 151 44 15 E.	290	...	70.2	GREEN SAND.	...	...	...
163F	" 12	34 3 15 S. 151 51 30 E.	650	40.8	70.2	GREEN MUD, green, coherent, granular, earthy. Residue dark green.	47.32	(35.00%), Globigerinidæ, <i>Pulvinulina</i> . (2.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ.	(10.32%), Otoliths of fish, fragments of Gasteropods, Lamellibranch shells, Echinoderm fragments, Cocoliths, Cocospheres, Rhabdololiths.		

* See anal. 12, 99, 100, 101; Pl. II. figs. 3, 3a, 3b; Pl. VIII. figs. 10, 11; Pl. XVI. fig. 2; Pl. XVII. fig. 3; Pl. XXVIII. figs. 1, 2, 4, 5.