

See Charts 38 and 39, and Diagram 19.

Number of Station.	Date.	Position.	Depth in Fathoms.	Temperature of the Sea-water (Fahr.).		Designation and Physical Characters.	CARBONATE OF CALCIUM.			
				Bottom	Surface		Per cent.	Foraminifera.	Other Organisms.	
Sandwich Islands to Tahiti—continued.	*274	1875 Sept. 11	" " " 7 25 0 S. 152 15 0 W.	2750	35.1	80.2	RADIOLARIAN Ooze, red-brown or chocolate coloured, fine grained, unctuous, yellow-red when dry, slightly coherent, earthy, clayey, characters not well pronounced. Residue red.	3.89	(2.00%), fragments of <i>Globigerina</i> and <i>Pulvinulina</i> .	(1.89%), a few small teeth of fish, Gasteropods.
	†275	" 14	11 20 0 S. 150 30 0 W.	2610	35.0	80.0	RED CLAY, when wet dark red or deep chocolate coloured, gritty, deep brown when dry, slightly coherent, earthy.	trace	...	Small teeth of fish.
	‡276	" 16	13 28 0 S. 149 30 0 W.	2350	35.1	80.0	RED CLAY, brown when dry, slightly coherent, pulverising easily into a granular powder, earthy, sublustrous streak. Residue dark brown or chocolate coloured.	28.28	(25.00%), <i>Globigerinidae</i> , <i>Pulvinulina</i> . (1.00%), <i>Miliolidae</i> , <i>Textularidae</i> , <i>Lagenidae</i> , <i>Rotalidae</i> , <i>Nummulinidae</i> .	(2.28%), teeth of fish, Cephalopod beaks, Gasteropods, Ostracodes, Echini spines.
	277	" 17	15 51 0 S. 149 41 0 W.	2325	35.1	79.0	RED CLAY, light red-grey, coherent, fine grained, chocolate coloured and plastic when wet. Residue chocolate coloured.	9.43	(7.00%), <i>Globigerinidae</i> , <i>Pulvinulina tumida</i> . (1.00%), <i>Biloculina depressa</i> , <i>Lagena</i> , <i>Rotalidae</i> , <i>Nonionina umbilicatula</i> .	(1.43%), teeth of fish, Echini spines.
	278	" 18	17 12 0 S. 149 43 0 W.	1525	36.5	79.5	VOLCANIC MUD, grey when dry, slightly coherent, gritty, grey-blue when wet. Residue black.	20.47	(10.00%), <i>Globigerinidae</i> , <i>Pulvinulina</i> . (3.00%), <i>Textularidae</i> , <i>Lagenidae</i> , <i>Rotalidae</i> .	(7.47%), <i>Scrupula</i> , Gasteropods (larval), Lamellibranch and Pteropod fragments, Ostracodes, Echini spines, Polyzoa, Cocoliths, Rhabdoliths.
Off Tahiti.	...	" 28	Papeete Harbour.	20	CORAL SAND, grey, made up of white and black particles fine grained. Residue black.	83.34	(5.00%), <i>Miliolidae</i> , <i>Textularidae</i> , <i>Rotalidae</i> , <i>Nummulinidae</i> .	8.34%), <i>Scrupula</i> , Gasteropods, Lamellibranchs, Ostracodes, Echinoderm fragments, Polyzoa, Alcyonarian spicules, Coral fragments, calcareous Algae.
	279	Oct. 2	17 30 26 S. 149 33 45 W.	420	...	79.0	VOLCANIC MUD, blue-grey when dry, slightly coherent, dark blue when wet. Residue black.	22.30	(7.00%), <i>Globigerinidae</i> . (7.00%), <i>Miliolidae</i> , <i>Textularidae</i> , <i>Lagenidae</i> , <i>Rotalidae</i> , <i>Nummulinidae</i> .	(8.30%), Otoliths of fish, <i>Scrupula</i> , Gasteropods, Lamellibranchs, Pteropods, Heteropods, Ostracodes, Echinoderm fragments, Polyzoa, Coral fragments, Alcyonarian spicules, Cocoliths.
	279A	" 2	17 29 53 S. 149 34 0 W.	590	...	79.0	VOLCANIC MUD, blue-grey, slightly coherent, breaking up readily in water, dark blue and plastic when wet. Residue blue.	25.28	(5.00%), <i>Globigerinidae</i> . (10.00%), <i>Miliolidae</i> , <i>Textularidae</i> , <i>Lagenidae</i> , <i>Rotalidae</i> , <i>Nummulinidae</i> .	(10.28%), Otoliths of fish, <i>Scrupula</i> , Gasteropods, Lamellibranchs, Pteropods, Heteropods, Ostracodes, Echinoderm and Coral fragments, Polyzoa, Alcyonarian spicules, calcareous Algae, Cocoliths, Rhabdoliths.

* See anal. 29, 110, 111, 112; Pl. IV. fig. 2; Pl. VI. figs. 8, 11, 11a, 16, 16a; Pl. VIII. figs. 4, 5, 12, 13; Pl. IX. figs. 2, 5, 6, 10; Pl. XXIII. fig. 12.

† See anal. 18, 89, 90, 91.

‡ See anal. 19, 20, 21, 83, 92, 93, 94, 113, 114, 115, 116, 136; Pl. IV. figs. 6, 7, 8; Pl. V. fig. 12; Pl. VI. figs. 1, 1a, 19; Pl. VII. figs. 6, 7; Pl. IX. fig. 8; Pl. XVI. fig. 1; Pl. XVIII. figs. 2, 3, 4; Pl. XIX. figs. 1, 2, 4; Pl. XXI. fig. 1; Pl. XXII. figs. 1, 2, 3, 4; Pl. XXIII. figs. 2, 3, 5, 6, 7, 9.