

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 Orgaulsma.	
OH Tahiti—continued.	1875 Oct. 2	17 29 38 S. 149 34 7 W.	620	...	79.0	VOLCANIC MUD, green-grey, plastic when wet, grey when dry, slightly coherent, breaking up readily in water. Residue green.	22.66	(5.00%), Globigerinidæ. (9.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(8.66%), Otoliths of fish, <i>Scrpula</i> , Gasteropods, Lamellibranchs, Pteropods, Heteropods, Ostracodes, Echinoderm fragments, Coral fragments, Polyzoa, Alcyonarian spicules, calcareous Alga, Coccoliths, Rhabdoliths.	
	„ 2	17 29 11 S. 149 34 32 W.	680	...	79.0	VOLCANIC MUD, blue-grey, slightly coherent, plastic and green coloured when wet. Residue green.	19.47	(7.00%), Globigerinidæ. (6.00%), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(7.47%), Otoliths of fish, <i>Scrpula</i> , Gasteropods, Lamellibranchs, Pteropods, Heteropods, Ostracodes, Echinoderm and Coral fragments, Polyzoa, Alcyonarian spicules, calcareous Alga, Coccoliths, Rhabdoliths.	
	280	„ 4	18 40 0 S. 149 52 0 W.	1940	35.8	77.2	GLOBIGERINA OOZE, grey with red tinge, slightly coherent, breaking up in water, yellow-brown when wet. Residue black.	53.36	(45.00%), Globigerinidæ, <i>Pulvinulina</i> . (2.00%), <i>Biloculina depressa</i> , Lagenidæ, <i>Truncatulina</i> , <i>Nonionina umbilicatula</i> .	(6.36%), teeth of fish, Gasteropods, Lamellibranch fragments, Echini spines, Coccoliths, Rhabdoliths.
Tahiti to Valparaiso.	*281	„ 6	22 21 0 S. 150 17 0 W.	2335	34.9	74.5	RED CLAY, red when dry, gritty, slightly coherent, breaking up in water to fine powder, red-brown when wet.	trace	a few Miliolidæ.	..
	+282	„ 7	23 46 0 S. 149 59 0 W.	2450	35.1	73.2	RED CLAY, red when dry, gritty, slightly coherent, breaking up in water to fine powder, red-brown when wet.	trace	...	A few small teeth of fish.

* See anal. 22, 26, 117, 118, 119; Pl. IV. figs. 3, 4, 5; Pl. V. figs. 1, 1a, 2, 3, 3a, 4, 5, 5a, 13; Pl. VI. figs. 9, 9a, 10, 10a, 13, 13a, 15, 15a, 17; Pl. XXI. fig. 2.

† See Pl. XXVI. fig. 2.