See Charts 5 and 6, and Diagrams 3 and 7.

	Number of Station.	Date.	Position.	Depth in Fathoms.	Temperature of the Sea-water (Fahr.). Bottom	Temperature of the Sea-water (Fahr.). Surface	Designation and Physical Characters.	Carbonate of Calcium. Per cent.	Foraminifera.	Other Organisms.
Azores to Madeira—*continued.*	80	1873 July 12	° ′ ″ 35 3 0 N. 21 25 0 W.	2660	° 36·6	° 71·0	Globigerina Ooze, white with rose tinge, slightly coherent, chalky. **Residue** red-brown.	66·43	(55·00 %), Globigerinidæ, *Pulvinulina.* (2·00 %), *Miliolina*, *Lagena*, Rotalidæ.	(9·43 %), Ostracodes, Echinoderm fragments, Coccoliths, Rhabdoliths.
	81	„ 13	34 11 0 N. 19 52 0 W.	2675	37·0	71·0	Globigerina Ooze, white with rose tinge, slightly coherent, chalky. **Residue** red-brown.	62·38	(50·00 %), Globigerinidæ, *Pulvinulina.* (2·00 %), Miliolidæ, Textularidæ, *Lagena*, Rotalidæ.	(10·38 %), Ostracodes, Echinoderm fragments, Coccoliths, Rhabdoliths.
	82	„ 14	33 46 0 N. 19 17 0 W.	2400	36·6	70·7	Globigerina Ooze, white with rose tinge, slightly coherent, chalky. **Residue** brown.	79·79	(69·00 %), Globigerinidæ, *Pulvinulina.* (3·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ.	(7·79 %), Echinoderm fragments, Coccoliths, Rhabdoliths.
	83	„ 15	33 13 0 N. 18 13 0 W.	1650	37·0	71·0	Globigerina Ooze, white when dry, slightly coherent, chalky. **Residue** red-brown.	71·09	(60·00 %), Globigerinidæ, *Pulvinulina.* (2·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ.	(9·09 %), Otoliths of fish, *Serpula*, *Dentalium*, Gasteropods, Lamellibranchs, Pteropods, Ostracodes, Echinoderm fragments, Polyzoa, Coccoliths, Rhabdoliths.
Madeira to Cape Verde Islands.	85	„ 19	28 42 0 N. 18 6 0 W.	1125	...	69·2	Volcanic Mud, brown with white spots, slightly coherent, earthy. **Residue** brown-black.	6·54	(2·00 %), Globigerinidæ, *Pulvinulina.* (1·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(3·54 %), Otoliths of fish, Pteropods, Heteropods, Echinoderm fragments, Coccoliths, Rhabdoliths.
	86	„ 21	25 46 0 N. 20 34 0 W.	2300	36·6	71·0	Globigerina Ooze, with yellow tinge, slightly coherent, chalky. **Residue** red.	57·77	(50·00 %), Globigerinidæ, *Pulvinulina.* (1·00 %), Miliolidæ, *Textularia*, *Truncatulina.*	(6·77 %), Ostracode valves, Echini spines, Coccoliths, Rhabdoliths.
	87	„ 21	25 49 0 N. 20 12 0 W.	1675	...	72·0	Nearly the same spot as Station 3, February 18, 1873, where indications were found of a Pteropod Ooze.	...	...	...
	88	„ 22	23 58 0 N. 21 18 0 W.	2300	36·4	72·0	Globigerina Ooze, white with a rose or yellow tinge, slightly coherent, chalky. **Residue** red.	64·38	(57·00 %), Globigerinidæ, *Pulvinulina.* (1·00 %), Miliolidæ, Textularidæ, Rotalidæ.	(6·38 %), fragments of Echinoderms, Coccoliths, Rhabdoliths.
	89	„ 23	22 18 0 N. 22 2 0 W.	2400	36·6	73·5	Globigerina Ooze, yellowish red tinge, slightly coherent, chalky. **Residue** red.	58·50	(50·00 %), Globigerinidæ, *Pulvinulina.* (1·00 %), Rotalidæ.	(7·50 %), fragments of Echinoderms, Coccoliths, Rhabdoliths.