See Charts 12, 13, 14, and 15, and Diagram 4.

	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.
Off St. Paul's Rocks.	109c	1873 Aug. 29	° ′ ″ 0 56 23 N. 29 22 15 W.	780	...	° 76·5	Globigerina Ooze, grey, finely granular, pulverulent. Residue grey with green tinge.	57·34	(50·00 %), Globigerinidæ, *Pulvinulina*. (2·00 %), *Miliolina*, Textularidæ, Lagenidæ, Rotalidæ.	(5·34 %), Pteropods, Ostracodes, Echinoderm fragments, Coccoliths, Rhabdoliths.
	109d	„ 29	0 56 4 N. 29 25 2 W.	1425	...	77·0	Globigerina Ooze, grey, finely granular, pulverulent, chalky. Residue grey with green tinge.	72·77	(60·00 %), Globigerinidæ, *Pulvinulina*. (3·00 %), *Miliolina*, Textularidæ, Lagenidæ, Rotalidæ.	(9·77 %), Pteropods, Ostracodes, Echini spines, Coccoliths, Rhabdoliths.
	110	„ 30	0 9 0 N. 30 18 0 W.	2275	34·8	77·5	Globigerina Ooze, white or light grey, finely granular, pulverulent. Residue brown.	72·93	(65·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), *Miliolina*, Lagenidæ, Rotalidæ.	(6·93 %), Ostracodes, fragments of Echini spines, Coccoliths, Rhabdoliths.
St. Paul's Rocks to Fernando Noronha.	111	„ 31	1 45 0 S. 30 58 0 W.	2475	33·7	78·0	Globigerina Ooze, with red tinge, slightly coherent. Residue yellow-brown.	36·06	(32·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), *Miliolina*, Rotalidæ.	(3·06 %), Ostracodes, Echinoderm fragments, Coccoliths, Rhabdoliths.
	112	Sept. 1	3 33 0 S. 32 16 0 W.	2200	34·0	78·0	Globigerina Ooze, of a dirty white colour, granular, pulverulent. Residue brown.	81·27	(75·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), Miliolidæ, Lagenidæ, Rotalidæ.	(5·27 %), fragments of Echini spines, Coccoliths, Rhabdoliths.
	113a	„ 2	3 47 0 S. 32 24 30 W.	25	...	78·0	Calcareous Sand, mottled red and white. Residue greenish brown.	92·28	(5·00 %), Globigerinidæ, *Pulvinulina*. (20·00 %), Miliolidæ, Textularidæ, Rotalidæ, Nummulinidæ.	(67·28 %), Gasteropods, Lamellibranchs, Echinoderm fragments, Polyzoa, calcareous Algæ.
Fernando Noronha to Pernambuco.	115	„ 3	4 2 0 S. 32 47 0 W.	2150	...	78·0	Globigerina Ooze, with a very slight rose tinge, granular, pulverulent. Residue brown.	79·30	(70·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), *Miliolina*, Lagenidæ, Rotalidæ.	(8·30 %), fragments of Echini spines, Coccoliths, Rhabdoliths.
	116	„ 4	5 1 0 S. 33 50 0 W.	2275	34·3	78·0	Globigerina Ooze, red tinge, granular, pulverulent, earthy. Residue red-brown.	65·04	(57·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), Miliolidæ, Lagenidæ, Rotalidæ.	(7·04 %), Otoliths and small teeth of fish, Ostracodes, Echini spines, Coccoliths, Rhabdoliths.
	117	„ 6	5 56 0 S. 34 45 0 W.	1375	...	78·0	Globigerina Ooze, yellow-brown when dry, slightly coherent, earthy, gritty. Residue red-brown.	56·59	(40·00 %), Globigerinidæ, *Pulvinulina*. (5·00 %), Miliolidæ, *Textularia*, Lagenidæ, Rotalidæ.	(11·59 %), Otoliths of fish, Gasteropods, Lamellibranchs, Pteropods, Heteropods, Ostracodes, fragments of Echini spines, Rhabdoliths.
	117a	„ 6	6 4 0 S. 34 51 0 W.	500	...	78·0	Red Mud, grey-brown, slightly coherent, finely granular, earthy. Residue yellow-brown fine clayey sand.	60·79	(15·00 %), Globigerinidæ, *Pulvinulina*. (5·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ.	(40·79 %), fragments of Lamellibranchs, Pteropods, Heteropods, Ostracodes, Echini spines, Coccoliths, Rhabdoliths.