See Chart 38, and Diagram 19.

Tahiti to Valparaiso—*continued.*

| 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. |
|---|---|---|---|---|---|---|---|---|---|
| | 1875 | ° ′ ″ | | ° | ° | | | | |
| 283 | Oct. 9 | 26 9 0 S.<br>145 17 0 W. | 2075 | 35·4 | 68·5 | GLOBIGERINA OOZE, grey, slightly coherent, chalky, brown when wet.<br>**Residue** dark brown. | 46·61 | (40·00 %), Globigerinidæ, *Pulvinulina*.<br>(3·00 %), Miliolidæ, *Cassidulina subglobosa*, Lagenidæ, Rotalidæ. | (3·61 %), small teeth of fish, Echini spines, Coccoliths, Rhabdoliths. |
| 284 | ,, 11 | 28 22 0 S.<br>141 22 0 W. | 1985 | 35·1 | 68·0 | GLOBIGERINA OOZE, white with yellow tinge, slightly coherent, chalky, yellow when wet.<br>**Residue** red-brown. | 65·81 | (50·00 %), Globigerinidæ, *Pulvinulina*.<br>(1·00 %), Miliolidæ, Lagenidæ, Textularidæ, Rotalidæ, *Nonionina umbilicatula*. | (14·81 %), Otoliths of fish, Ostracodes, Echini spines, Coccoliths, Rhabdoliths. |
| *285 | ,, 14 | 32 36 0 S.<br>137 43 0 W. | 2375 | 35·0 | 65·0 | RED CLAY, dark red-brown when dry, coherent, plastic and dark brown when wet.<br>**Residue** dark brown. | 26·25 | (20·00 %), Globigerinidæ.<br>(1·00 %), *Cassidulina subglobosa*, *Lagena lævis* (?), Rotalidæ. | (5·25 %), sharks' teeth, larval Lamellibranchs, Polyzoa, Coccoliths, Rhabdoliths. |
| †286 | ,, 16 | 33 29 0 S.<br>133 22 0 W. | 2335 | 34·8 | 63·0 | RED CLAY, reddish yellow, slightly coherent, plastic and red-brown when wet.<br>**Residue** dark red-brown. | 25·13 | (15·00 %), Globigerinidæ, *Pulvinulina*.<br>(3·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, *Nonionina umbilicatula*. | (7·13 %), fragments of teeth of fish, Ostracodes, Coccoliths, Rhabdoliths. |
| 287 | ,, 19 | 36 32 0 S.<br>132 52 0 W. | 2400 | 34·7 | 57·8 | RED CLAY, chocolate brown colour, unctuous, plastic, coherent, lustrous streak.<br>**Residue** chocolate brown. | [1·00] | Globigerinidæ, *Pulvinulina*, *Uvigerina*. | Small teeth of fish. |

* See anal. 23, 81, 82, 120, 121, 122, 123, 124, 125, 137, 138, 139, 140, 143, 149; Pl. II. figs. 5, 7; Pl. V. figs. 6, 7, 7*a*, 10, 11; Pl. VI. figs. 2, 2*a*, 3, 3*a*, 4, 4*a*, 5, 5*a*, 6, 6*a*, 7, 7*a*, 12, 12*a*, 18, 20, 21, 23; Pl. VII. fig. 1; Pl. XVI. fig. 3; Pl. XVII. fig. 1; Pl. XVIII. fig. 1; Pl. XXIII. figs. 1, 4, 8; Pl. XXVIII. fig. 3; Pl. XXIX. figs. 1, 2, 3, 4.

† See anal. 27, 75, 78, 126, 127, 128, 141, 142, 144, 145, 146, 148, 150, 151, 152, 153; Pl. II. fig. 6; Pl. V. figs. 8, 9; Pl. VI. figs. 14, 14*a*, 22; Pl. VII. figs. 2, 3, 4, 5; Pl. VIII. figs. 1, 2, 3, 6, 7, 8, 9, 9*a*, 14, 14*a*; Pl. X. figs. 1, 1*a*, 1*b*, 2, 2*a*, 3, 4, 4*a*, 5.