See Chart 27, and Diagram 13.

| | 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. |
|---|---|---|---|---|---|---|---|---|---|---|
| Fiji Islands to New Hebrides—*continued.* | *176 | 1874 Aug. 15 | ° ′ ″ 18 30 0 S. 173 52 0 E. | 1450 | ° 36·2 | ° 77·5 | GLOBIGERINA OOZE, reddish when wet, red-brown when dry, slightly coherent, breaking up in water. **Residue** chocolate coloured. | 62·41 | (55·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ. | (6·41 %), Otoliths of fish, Ostracode valves, Echini spines, Coccoliths, Rhabdoliths. |
| New Hebrides to Raine Island. | 177 | ,, 18 | 16 45 0 S. 168 7 0 E. | 130 | ... | 78·7 | VOLCANIC SAND, with concretionary masses of a dark brown colour, coherent, gritty. **Residue** brown, with red tinge. | 13·14 | (2·00 %), Globigerinidæ, *Pulvinulina*. (3·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ. | (8·14 %), *Serpula*, Gasteropods, Pteropods, *Balanus*, Echinoderm fragments, Polyzoa, Corals, Alcyonarian spicules. |
| | †178 | ,, 19 | 16 47 0 S. 165 20 0 E. | 2650 | 35·8 | 79·0 | RED CLAY, chocolate coloured when wet, yellow-brown when dry, coherent, breaking up in water, fusing easily before the blowpipe, sublustrous streak. | ... | ... | ... |
| | 179 | ,, 21 | 15 58 0 S. 160 48 0 E. | 2325 | 36·0 | 79·0 | GLOBIGERINA OOZE, pale yellow-brown, slightly coherent, homogeneous, fine grained. **Residue** red-brown. | 32·29 | (27·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), *Biloculina*, Rotalidæ. | (4·29 %), small teeth of fish, Echini spines, Coccoliths, Rhabdoliths. |
| | 180 | ,, 24 | 14 7 0 S. 153 43 0 E. | 2450 | 36·0 | 80·0 | RED CLAY, grey-brown, plastic, homogeneous, fine grained. **Residue** red-brown. | [1·00] | Fragments of Globigerinidæ and Rotalidæ. | ... |
| | 181 | ,, 25 | 13 50 0 S. 151 49 0 E. | 2440 | 35·8 | 80·0 | RED CLAY (*top layer*), light red-grey when dry, coherent, fine grained, lustrous streak, plastic, unctuous, brown when wet. **Residue** brown. | 6·42 | Mostly broken fragments of Globigerinidæ, one or two *Truncatulina pygmæa*. | ... |
| | | | | | | | (*Bottom layer*), light red-grey, somewhat coherent, breaking up readily in water, brown (but lighter shade than the upper) when wet. **Residue** brown. | 32·28 | (28·00 %), Globigerinidæ, *Pulvinulina*, very many more perfect shells than in the upper layer; one or two *Lagena orbignyana*. | (4·28 %), Coccoliths, Rhabdoliths. |
| | 182 | ,, 27 | 13 6 0 S. 148 37 0 E. | 2275 | 35·8 | 78·5 | GLOBIGERINA OOZE, yellow-grey, chalky, slightly coherent, fine grained, breaking up readily in water. **Residue** red-brown. | 49·90 | (40·00 %), Globigerinidæ, *Pulvinulina*. (2·00 %), *Bolivina dilatata*, Nummulinidæ. | (7·90 %), Pteropod fragments, Ostracodes, Echini spines, Alcyonarian spicules, Coccoliths, Rhabdoliths. |

* See anal. 44, 56; Pl. XI. fig. 1; Pl. XXIV. fig. 4.

† See Pl. XXVII. fig. 2.