

small shrubs. A high sloping beach continuous around. Has a shore platform about 300 feet wide.

*Birnie's*.—Lat.  $3^{\circ} 35'$  S.; Long.  $171^{\circ} 30'$  W. Four-fifths of a mile by one-third, trending north-west. No lagoon. A sandy flat about ten feet high, except near the north-north-east extremity, where it is about twelve feet. To the south-south-west the submerged reef extends out nearly a mile, over which the sea breaks. In passing it, distinguished no vegetation except the low purslane and some trailing plants.

*Swain's*.—(Fig. 4, page 135.) Lat.  $11^{\circ} 10'$  S.; Long.  $170^{\circ} 52'$  W.  $1\frac{1}{4}$  miles by  $\frac{2}{3}$ ; shape nearly rectangular; trends east and west. No lagoon, but the centre a little lower than the sides. Surface covered with shrubbery and large trees, among the latter many cocoa-nuts; the centre more sparsely wooded. Height fifteen to eighteen feet, excepting on the middle of the western side, where the surface is covered with loose fragments of coral of small size; there appears to have been a former entrance to the lagoon at this place. Shore reef, or platform, one hundred yards in average width, and one hundred and fifty yards at the place where we landed. Beach high, ten to twelve feet. At lower part of beach, for a height of two to three feet, the coral reef-rock was exposed, indicating an elevation of the island. For three or four feet above this, layers of the beach sand-rock were often in view, consisting of coral pebbles firmly cemented, and having the usual dip of seven or eight degrees seaward; in many places it was concealed by the beach sands and pebbles. There was no growing coral on the platform, excepting Nullipores. The outer margin of this platform was very uneven, and much intersected by channels, though less so than at Enderbury's Island. Great numbers of Birgi (large Crustacea) were burrowing over the island, some of which were six inches in breadth.

*Otuhu*, Paumotu Archipelago.— $14^{\circ} 5'$  S.;  $141^{\circ} 30'$  W.  $1\frac{1}{2}$  miles by  $\frac{2}{3}$ , trending north and south. No lagoon. Wooded.

*Margaret*, Paumotu Archipelago.— $20^{\circ} 42'$  S.;  $143^{\circ} 4'$  W. Diameter one mile, nearly circular. A small shallow lagoon