

barriers. The reefs of Tahiti extend in some parts a mile from the shores. Tetuaroa, to the north of Tahiti, and Tubuai, near Bolabola, are lagoon islands. Maitea, east of Tahiti, is a sugar loaf truncated at summit, four miles in compass, and is said by Forster to have an encircling reef.

South of the Society Islands, near 25° S., is Rapa, which is represented as a collection of rugged peaks without coral shores. The Rurutu and Hervey Islands, just north-west of Rapa, have coral reefs fringing the shores. There is no evidence of recent volcanic action among them. Some of them are elevated coral islands, as Mitiaro, Atiu, Mangaia and Mauki, and also, according to Stutchbury, Rurutu. Okatutaia is a low coral island but six or seven feet out of water.

Between the Paumotus and the longitude of Samoa are numerous small islands, all of coral origin.

The Samoan or Navigator Islands have extensive reefs. About Tutuila, owing to its abrupt shores, they are somewhat less extensive than around Upolu, and about Savaii they are still smaller, as already explained. The influence of abrupt shores may also be seen in some parts of Upolu; for example, to the west of the harbour of Falifa, where, for several miles, there is no reef, except in some indentations of the coast. Manua is described as having only shore reefs.

The Tonga Islands, south of Samoa, for the most part abound in coral reefs, and Tongatabu and the Hapai Group are solely of coral. Eoa is a moderately high island, with a narrow reef. Tafoa, an active volcano, and Kao, an extinct cone, are *without* reefs. Vavau, according to Williams (*Miss. Enterprises*, p. 427, Amer. ed.), is an elevated coral island. Pylstaarts, near Eoa, is a naked rock, with abrupt shores, and little or no coral. Sunday Island, farther south ($29^{\circ} 12' S.$), is beyond the coral-reef limits.

North of Samoa are several scattered islands of small size, all of coral.

The Feejee Group, already sufficiently described, abounds in reefs of great extent. There are no active volcanoes, and, where examined, no evidence of very recent volcanic action.