

clouds, however, quickly capped their summits and limited the view to the lower parts of the land. At 7 A.M. the ship proceeded under steam towards Ternate, steering for the channel between it and Tidore Island (see fig. 199).

Hieri, the northernmost islet of the Molucca group, 2200 feet high, is a small but very steep truncated volcanic cone, not in eruption, circular in shape, its diameter being about one and three quarter miles. Close off its north and northwest sides are small rocks. Ternate is a single grand volcanic cone, from the summit of which smoke is constantly issuing. Its height was found to be 5600 feet, and position lat.  $0^{\circ} 48' 30''$  N., long.  $127^{\circ} 19'$  E. The summit itself is bare, but the sides are thickly wooded. The slope of the side is about  $30^{\circ}$  from the horizontal for about two thirds of the distance down, after which it becomes more gradual, and ends in a margin of gently rising ground all round the base, which is cultivated in some way or other. Tidore, the highest and

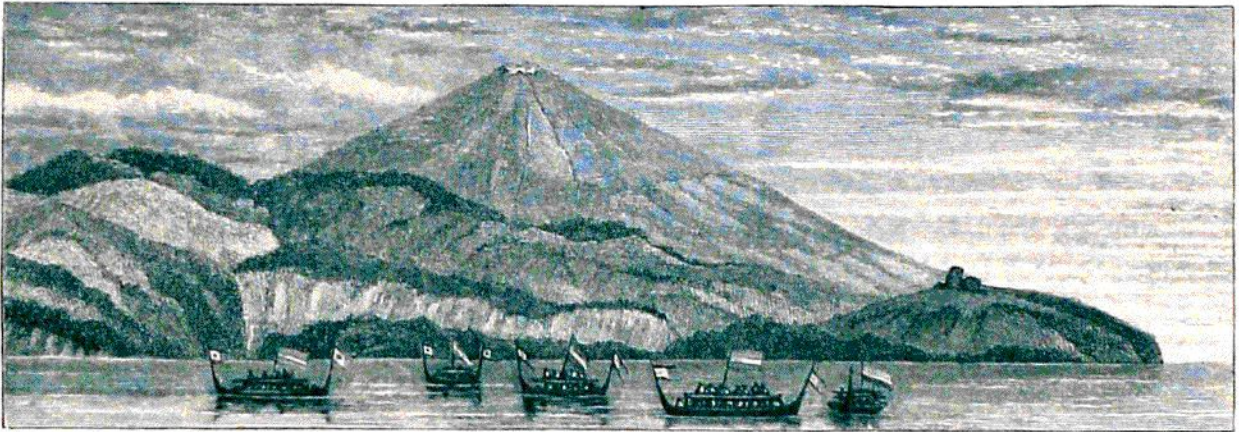


FIG. 199.—Island of Tidore.

most perfect cone, is now entirely quiescent. It was found to be 5900 feet in height, and its position lat.  $0^{\circ} 39'$  N., long.  $127^{\circ} 23'$  E. As in Ternate, the lower grounds on this island are everywhere cultivated, in fact the clearings extend far up the hillsides, and appear to be increasing. Mareh is about 700 or 800 feet in height, with two peaked hills. Metir is another volcanic cone in lat.  $0^{\circ} 28'$  N., long.  $127^{\circ} 23'$  E., attaining an elevation of 2800 feet.

As the entrance between Tidore and Ternate was neared, the small but perfect cone of Mitara Island was very conspicuous. On its summit at the edge of an old crater is a signal station. During the passage between this island and Ternate, the eddies were so strong and the water so much discoloured from a recent heavy thunderstorm that it was thought for a moment that the ship was steaming on to the edge of a reef, and the engines were stopped. It was however only a tide ripple, and the vessel soon proceeded for the anchorage, arriving there at 6 P.M., and anchoring off the coaling pier in 13 fathoms.