

CHAPTER XVI.

THE PHILIPPINE ISLANDS.

Zamboanga, Mindanao Island. Paddy Fields and Buffaloes. The Lutaos and their Pile-Dwellings. Pile-Dwellings on Dry Land. The Ground Floor, a Late Addition to the First Story. Wide Distribution of Pile-Dwellings. Their Possible Origin. Dances Performed by the Lutaos. Bamboo Jew's Harp. Lutao Canoe and Weapons. Search for *Birgus Latro*. Birds' Eggs hatched in the Sea Sand. Alcyonarian Corals. Basilan Island. Cart-wheels cut from Living Planks. Galeopithecus and Flying Lizard. Cebu Island. Mode of Dredging up *Euplectella*. Mactan Island, Raised Reef. Large *Cerianthus*. Trachytic Volcano at Camiguin Island. Temperature at which Plants can Grow in Hot Mineral Water. Manila-Hemp Plantations. Manila. Shirt Worn over Trousers. Clothes Originally Ornamental only. Half-hatched Ducks' Eggs Eaten. Cock Fighting. Sale of Indulgences.

Philippine Islands, October 24th to November 12th, 1874, January 11th to February 5th, 1875.—The ship arrived on October 24th, 1874, at the town of Zamboanga, which lies at the extremity of a long promontory projecting from the west side of the large island of Mindanao, the southernmost of the Philippine group. A small area at the tip of this promontory belongs to Spain; a wide tract behind it belonging to Portugal; whilst the entire island of Mindanao is about half of it Portuguese, and half Spanish. The ship paid a second visit to Zamboanga on the return journey southwards, from January 29th to February 5th, 1875.

On landing at Zamboanga I was immediately reminded that we were nearing India, and scenes in Ceylon were recalled at once to my memory. Swampy paddy fields stretched everywhere round the town with plenty of snipe in them, and the domestic buffaloes lay about wallowing in mud pools and throwing water over their backs with their scoop-like ears. In one pool several native women were bathing in company with the buffaloes.

Especially interesting in the Philippines are the various stages in development and modification of pile-dwellings. All the native buildings are pile-dwellings or modifications of them,