

circumference: it has three clumps of cocoa-nut trees upon it, but of its south and west sides the greater portion is a bare reef. After surveying it, they bore up for the two groups, and the same afternoon passed through the channel between them, which is a mile wide, with no soundings. The southern island was surveyed: it has a bare reef on its southeast and west sides, with a cocoa-nut grove on the south end. No entrance exists to the lagoon, and no natives were seen. The southern portion of the northern isle is a bare reef, with some high clumps of trees on the eastern side.

On the 6th, Nukutipipi or Margaret's Island was made. It proved to be a small round lagoon island, two miles in circumference, high and well wooded on the north side, with a flat submerged reef on the southeast and east sides. After completing the observations, they stood for Teku or the Four Crowns of Quiros, the island to the westward: it has now five clumps of trees. It had no opening to its lagoon, nor could a landing be effected. No traces of inhabitants were seen on either of the islands.

On the 10th, Lieutenant-Commandant Ringgold made what they supposed to be the island of Archangel, but very much out of place. It is a small lagoon island, of oblong shape, lying northwest and southeast; wooded on the northeast and east, with a stunted growth of trees. No cocoa-nut trees were seen, and the eastern portion of the trees appeared as if burnt. A reef extends off the northwest and southwest sides, with a heavy surf, and there is a submerged reef on the south and west sides. No opening exists, and a landing cannot be effected without imminent danger to the boats. Its native name is Heretua.

The supposed location of Archangel was then searched for, but no signs of land found. Turnbull Island was also looked for without success.

On the 12th, they made the island of San Pablo, in latitude $19^{\circ} 56'$ S., longitude 145° W. This island is higher than those just mentioned: it has several cocoa-nut groves, and natives were seen on the island. No opening was observed into its lagoon.

Lieutenant-Commandant Ringgold now lay-to, for the purpose of communicating with the natives the next day. In the morning early, several of them were seen fishing, and others on the beach, who fled at the approach of the brig; but on being hailed by one of the natives on board, they came from their hiding-places, bringing down cocoanuts, and showing a disposition to communicate. Lieutenant-Commandant Ringgold went towards the shore in his boat, with some presents: on the beach he found three men, with five women and a