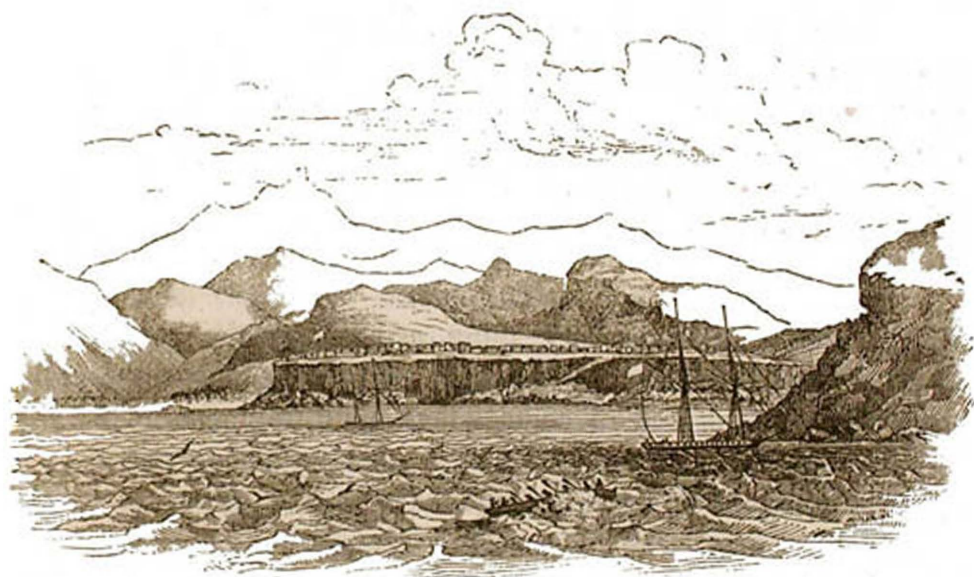


rescence. Its brilliancy was so great, that it might truly be said to have the appearance of being on fire. We made some experiments to ascertain the depth to which these phosphorescent animalculæ extended. After many trials they were not found below eighteen fathoms. The temperature of the water at that depth was  $79^{\circ}$ , at the surface  $80^{\circ}$ , and at one hundred fathoms depth  $58^{\circ}$ . The mean temperature of the air from Madeira until our arrival off this port, was found to have increased from  $69^{\circ}$  to  $78^{\circ}$ , while the difference in the water was from  $71^{\circ}$  to  $81^{\circ}$ .

On the morning of the 7th, we anchored in Porto Praya bay. The island of St. Jago presents a very different appearance from Madeira, particularly the southeastern portion of it, though its formation is known to be similar. There are many high peaks and mountains in its centre, which afford a fine background for the barren and uninteresting coast scenery.



PORT PRAYA, CAPE DE VERDES.

The time of our arrival was just after the rainy season, the island consequently presented a more verdant appearance than it does at other seasons of the year.

Our Consul, F. Gardiner, Esq., came on board and made us welcome to all the island afforded. An officer was despatched to call upon his excellency the governor, to report our arrival, who proved to be a black man. Knowing that the regulations required permission