

cistern of the barometer at the latter place, above half tide, was found to be by levelling fifty-six feet. Total, six thousand two hundred and thirty-seven feet above half tide.

The magnetical observations for dip and intensity were also made, and the longitude by chronometer was found to be, $16^{\circ} 54' 11''$ W. Latitude by observation, $32^{\circ} 38' 11''$ N.

The markets are well supplied with meat, poultry, fish, and all kinds of vegetables.

The bat noticed by Bowdich was the only one of the mammalia seen in a wild state. Of birds, two species of hawks, the linnet, the canary, the goldfinch, the yellow wagtail, and the swift, were all that were seen. Sea fish are abundant; but not a single trace of a fresh water fish was seen or found in the streams. Many specimens of crustacea, insects, and mollusca were added to our collections.

The ride to the Quinta of Mr. Bean at Comancha is one of the prettiest the island affords. It is towards the east end, and some eight or ten miles from the town of Funchal. For variety of scenery and the beauty of its grounds it is not exceeded by any on the island, and it gives a good idea of the effect of English taste when applied to the scenery and fine climate of Madeira. The road to it is the same that has been before described, passing through the gorges and around the different spurs, which gives great variety to it, and presents many fine views. Having a note of introduction from our consul, we stopped at Mr. Bean's gate and sent the servant in, who returned, informing us that Mr. Bean was not at home, but a kind invitation to enter was sent to us from his lady. We did so, riding through hedges of Fuchsias and Myrtles twelve feet high, when a beautiful little cottage on a small level spot burst suddenly upon our view, with its verandahs embosomed in creeping vines, and from the notes of various kinds of birds, one could almost have fancied oneself in an aviary. All united to give the impression that it was the abode of contentment. Several small lakes were partially seen, their dimensions being ingeniously hid from view. On one of them was seen a tiny fleet safely moored, on another, waterfalls, &c., &c.; the banks of others were surrounded with aquatic plants, among which was the *Calla Ethiopica* in full bloom. Then again we were struck with the dahlias, geraniums, roses, and jasmines, and the varieties of trees and shrubs from the tropics, besides willows, oaks, elms, &c., that were familiar to us. A view through the trees down the gorge to the distant ocean was beautiful, bringing before us all the bold scenery of Madeira: truly it was an enchanting spot. The grounds are extensive, and laid out with great taste, and each spot appeared