

it, there is a second pavement, proving that these oscillations had gone on before the temple was deserted by the Romans. It has been stated that, for some time previous to 1845, a slow sinking had been going on, and that since then there has been as gradual a rising.

At the earthquake in 1819, about the delta of the Indus, an area of 2000 square miles became an inland sea; and the fort and village of Sindree sunk till the tops of the houses were just above the water. Five and a half miles from Sindree, parallel with this sunken area, a region 50 miles long and in some parts 10 broad was elevated 10 feet above the delta. The natives call it, with reference to its origin, Ullah Bund, or Mound of God. In 1838, the fort of Sindree was still half buried in the sea; and, during an earthquake in 1845, the Sindree Lake was turned into a salt marsh.

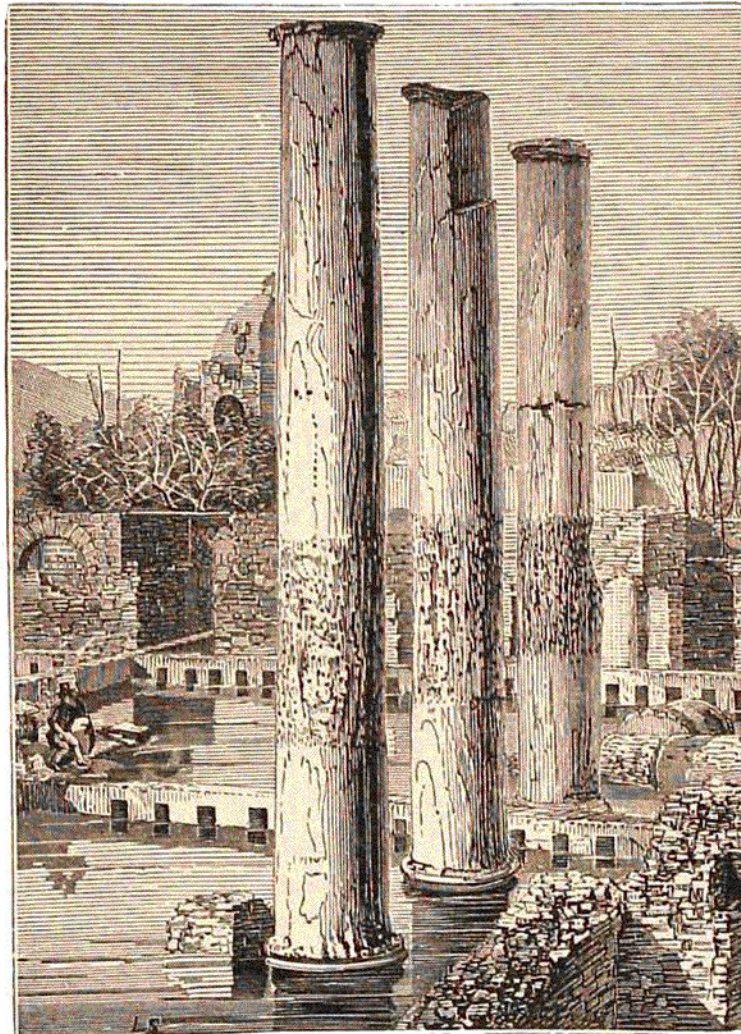
In 1822, the coast along by Concepcion and Valparaiso, for 1200 miles, was shaken by an earthquake; and it has been estimated that the coast at Valparaiso was raised three or four feet. In February, 1835, another earthquake was felt from Copiapo in Chile, eastward beyond the Andes to Mendoza.

Captain Fitzroy states that there was an elevation of four or five feet at Talcahuano, which was reduced by April to two or three feet. The south side of the island of Santa Maria, near by, was raised eight feet, and the north, ten feet; and beds of dead mussels were found on the rocks, ten feet above high-water mark.

The secular movements which have been observed are confined to the middle and higher temperate latitudes, and may be a continuation of the series which characterized the earlier part of the Quaternary age.

In Greenland a slow subsidence is taking place. For 600 miles from

321.



Temple of Jupiter Serapis.