

of elevated chains, in which we do not find that our animals have left any traces of their existence.

The researches of M. Adolphe Brongniart have also made known to us the nature of the vegetables which covered those countries. In the same strata with our palæotheria, there have been found trunks of palms, and many others of those beautiful plants whose genera now only grow in warm climates. Palms, crocodiles, and trionyces always occur in greater or less abundance wherever our ancient pachydermata are found\*.

The sea which had covered these lands and destroyed their animals, left large deposits, which still form at the present day, at no great depth, the basis of our great plains: it had then retired anew, and left immense surfaces to a new population, whose remains are found in the sandy and muddy deposits of all countries known.

It is to this deposition from the sea, made in a state of quiet, that certain fossil cetacea, very much resembling those of our own days, should, in my opinion, be referred;—a dolphin, allied to our epaulard †, and a whale very like our rorquals ‡, both discovered in Lombardy by M. Cor-

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\* See my "Researches," vol. iii. p. 351. *et seq.*

† Id. vol. v. part i. p. 309.

‡ Id. p. 390.