

P. 513. "We found here (near the mouth of the Mussel-shell river, Missouri) many shells, and among them very large and fine Baculites."

Baron Leopold von Buch informs me that the late Mr. Nicollet's map, which I have not seen, would have enabled me to give a greater extension to the cretaceous strata in the Far West.

SECTION II. *Geological Formations expressed by different Colours and Numbers on the Map.*

No. 1. *Alluvium and Post-Pliocene.*—One tint is employed to represent everything newer than the chalk. The spaces occupied by tertiary strata are indicated by dotting or by crosses, as in Nos. 2 and 3. I am aware that many parts to which I have been unable to extend these markings are really tertiary.

No. 2. *Miocene.*—The island of Martha's Vineyard has been referred by me to this period, as well as other districts, the area of which is sketched out in the 6th chapter of this work, p. 132, Vol. I., and a more full account of which will be given in the 4th No. of the Quarterly Journ. of the Geol. Soc. London, 1845.

No. 3. *Eocene.*—A short account is given by me of what I observed of these strata, in the 9th chapter, p. 174, Vol. I., and a more detailed paper will be given in the 4th No. of the Quarterly Journ. of the Geol. Soc. London, 1845. I have by no means been able to mark all the points at which Mr. Conrad and others have seen the outcrop of these formations, to which I have also referred the white limestones of