

to on the Western Shore of Maryland—although from its quality as it there occurs, and the condition of the soil by which it is overlaid, its application would be of the greatest benefit—it is deemed a matter of infinite importance to indicate, as precisely as the extent of the examinations so far made will permit, the situations in which it has been discovered, or where it is likely to be found by proper research.

A very extensive and very accessible deposit of marl occurs near Piscatawa, on the north side of the creek. The bed is overlaid by a thick crust of indurated shells and sand, that can, however, be easily removed, and beneath which is the friable marl in an excellent condition for immediate use. The analysis of this marl is given at No. 42 of the table. No. 43 indicates the constitution of a marl occurring under similar circumstances with the preceding, at Upper Marlborough. These two localities are to be considered in fact, only the most prominent points of a great fossil deposit, extending from Fort Washington to the west branch of the Patuxent. This deposit will, no doubt, be soon discovered on intermediate spots, from which it can be extracted with equal facilities, so as more generally to diffuse the benefits which its application to the soil must inevitably produce. The situations that may be indicated, as those where it is most likely to make its appearance, are along the small branches that make into the Piscatawa, on either side. The village of Piscatawa is based on a bed of marl, and in its vicinity, at a place called the Marl bottom, the material has been employed with the usual success. We are indebted to Dominick Young, Esq. for this, perhaps solitary, experiment made on the Western Shore of Maryland, on the good effects of marl. Much regret is felt, that, owing to the absence of that gentleman from his plantation, a full account of the result of his experience was not obtained. It is desirable indeed to ascertain the operation of marl on differently constituted soils, and a knowledge of their natural fertility or susceptibilities—never better discovered than by agricultural experiments—is essential, in order to arrive at safe conclusions. The directions given in a former part of this report as to the manner of employing the marl on the Eastern Shore, will no doubt apply