

The lower part of this section is undoubtedly Pliocene or Pleistocene, but the fossils that are represented by casts are not distinctive. However, it is probable that the strata belong to the same period as those exposed at Slocum Creek, and probably will be found to be of Pliocene age.

Slocum Creek, Neuse River.—Along Slocum Creek shell marl was dug a number of years ago and was extensively used as a fertilizer. Mr. Mallinson is reported to have dug large quantities. At present no marl is exposed along the creek, but along the Neuse River a short distance above the mouth of Slocum Creek the marl outcrops just beneath the water. In one or two places the blue clay is exposed for a few inches above the water. On the beach many fossils are exposed which have been washed from the blue clay in which they occur. The excellent state of preservation of the fossils, as well as the forms that are present, indicate the comparatively recent age of the beds. It is probable that they form a part of the upper Pliocene. Sufficient work in the determination of the fossils has not as yet been done to definitely settle this point, and for that reason they are retained in the Pliocene, where they have formerly been placed.

One-fourth Mile West of Croatan Station, Craven County.—Shell marl is found at a depth of 5 feet from the surface in a bluish-gray sandy matrix.

One and One-half Miles East of Lake Ellis, Craven County.—Marl has been dug at this place, in which were many shells contained in a matrix of rather coarse sand with lenses of bluish-gray argillaceous sand. This marl is probably of Pliocene age.

In the vicinity of Newport, Carteret County, marl has been reported to occur in which bones seem to predominate instead of shells.

Two Miles North of Kuhns and 1 Mile East of White Oak River.—On the Frog Point plantation marl has been recently dug. The section exposed is as follows:

Pleistocene:

	FEET.
Deep chocolate, loose brown, fine-grained sandy loam, colored dark by organic matter.....	3
Similar material, but lighter in color and more sandy.....	2

Pliocene (Waccamaw):

Shell bed, perfect shells in a matrix of a fine-grained drab to black argillaceous sand with some pebbles 2 inches in diameter.....	1
Blue-gray marl filled with shells in an excellent state of preservation	3

One-fourth Mile Northeast of Kuhns, Carteret County.—At this place marl has recently been dug. The section is as follows: