

some instances quite large, attaining maximum dimensions of 4 or 5 feet. These are believed to have been transported from the Piedmont region by floating ice, or in the roots of floating trees.

The thickness of the formation varies from 10 to 30 feet, or perhaps in rare instances amounting to as much as 40 feet or more. The average probably lies between 20 and 25 feet.

With the exception of fossils which have been reworked from older underlying formations, no animal remains have been found in the deposits of the formation. Fossil leaves have been found at one locality near Weldon which is believed to represent an estuarine phase of the formation.

Detailed Sections.—There are many exposures of this formation in the bluffs of the larger rivers crossing the belt, and occasional exposures along smaller streams and in road and railroad cuts. In almost all cases the beds form the upper 10, 15, or 20 feet of the section, and rest unconformably upon strata of pre-Pleistocene age, either Tertiary or Cretaceous. A few localities will be described in detail on following pages.

As above noted, fossil leaves were obtained near Weldon. The locality is $1\frac{1}{4}$ miles east of the village, a short distance directly east of the wagon bridge over Roanoke River in Northampton County. From poor exposures the following section was prepared:

SECTION $1\frac{1}{4}$ MILES EAST OF WELDON, NORTHAMPTON COUNTY, N. C.	
<i>Pleistocene</i> (Wicomico formation) :	FEET.
Mostly concealed by vegetation, but in part yellow, more or less sandy clay	35
Yellow, pebbly, argillaceous sand.....	2
Small lens of yellow, sticky clay, containing well-preserved prints of leaves	$\frac{1}{2}$
Yellow, very coarse, pebbly, arkosic sand. The pebbles are for the most part only partially water-worn.....	$2\frac{1}{2}$

The following list is furnished by E. W. Berry, to whom the fossil plants from the above locality were sent for identification (see, also, *Torrey*, vol. 9, No. 4, April, 1909) :

Cercis canadensis Linné.
Liriodendron tulipefera Linné.
Quercus predigitata Berry.
Quercus sp.

The top of the section as determined by aneroid readings is about 95 feet above sea level, and the base is about 20 feet above the normal stage of water in Roanoke River. The deposit is regarded as an estua-