

<i>Quercus nigra</i> Linné (leaves).	<i>Rubus</i> sp. (twigs).
<i>Quercus marylandica</i> Muench? (leaves).	<i>Malus pseudo-angustifolia</i> Berry (leaves).
<i>Quercus palustris</i> Du Roi (leaves).	<i>Malus corinariaefolia</i> Berry (leaves).
<i>Quercus alba</i> Linné (leaves).	<i>Crataegus spathulatoides</i> Berry (leaves).
<i>Quercus lyrata</i> Walt. (leaves).	<i>Crataegus coccineafolia</i> Berry (leaves).
<i>Quercus phellos</i> Linné (leaves and acorns).	<i>Ilex opaca</i> Ait. (leaves).
<i>Quercus michauxii</i> Nutt. (leaves and acorns).	<i>Vitis</i> sp. (tendrils).
<i>Quercus predigitata</i> Berry (leaves).	<i>Persea pubescens</i> (Pursh) Sargent (leaves).
<i>Quercus abnormalis</i> Berry (leaves).	<i>Nyssa biflora</i> Walt. (leaves).
<i>Quercus</i> sp. (cupules).	<i>Xolisma ligustrina</i> (Linné) Britt. (leaves).
<i>Quercus</i> sp. (leaves).	<i>Dendrium pleistocenicum</i> Berry (leaves).
<i>Ulmus alata</i> Michx. (leaves).	<i>Vaccinium corymbosum</i> Linné (leaves).
<i>Planera aquatica</i> (Walt.) ? (leaves).	<i>Vaccinium spatulata</i> Berry (leaves).
<i>Liquidambar styraciflua</i> Linné (leaves and fruit).	<i>Vaccinium arboreum</i> Marsh. (leaves).
<i>Platanus occidentalis</i> Linné (leaves and fruit).	

On Tar River, at Dupree Landing, about 14 miles above Greenville, Falkland quadrangle, an exposure occurs as described in the section given below:

SECTION AT DUPREE LANDING, TAR RIVER, RIGHT BANK.

<i>Pleistocene</i> (Chowan formation):	FEET.
Sandy loam and argillaceous sand with pebbles along base.....	6
Lignite bed consisting of a mass of logs, twigs, leaves, acorns, etc., in the form of lignite. Fills a depression in the underlying Patuxent formation	0-3
(Unconformity.)	
<i>Lower Cretaceous</i> (Patuxent formation):	
Compact sands and clays.....	6

From the lignite bed above described E. W. Berry identified cones of *Pinus rigida* Mill, and acorns of *Quercus phellos* Linné.

PAMLICO FORMATION.

Name.—The name Pamlico is derived from Pamlico Sound in eastern North Carolina, away from whose shores the terrace plain forming the surface extends as broad, nearly level, stretches of lowland. The plain is also present on either side of Pamlico River and covers the greater part of Pamlico County.

Definition.—The materials of this formation cover all of that part of the State lying to the east of the escarpment which separates it from the Chowan formation. Reëntnants extend for many miles up the