

on the Neuse. The forms obtained are enumerated. In discussing their significance as regards climatic conditions during the Pleistocene period, he concludes that—

"The temperatures were not lower than they are at the present time in the same latitude, and, if anything, they were slightly higher, with as great humidity as prevails at the present time in the Coastal Plain of North Carolina."

The flora shows a very modern aspect and indicates that the time which has elapsed since the deposition of the beds is, in a geological sense, very short.

In 1909 Berry¹³ enumerated five species of plants not previously listed from the Pleistocene of North Carolina, which were obtained from the Wicomico formation near Weldon.

DIVISIONS OF THE QUATERNARY.

The Quaternary deposits of North Carolina are included in the two series, Pleistocene and Recent. The Pleistocene series are all included in the division known as the Columbia group. As in Maryland and Virginia, the formations of this group in North Carolina consist of a series of terrace deposits the oldest of which occupies the highest position and the younger resting at successively lower levels. These originated in part as shallow marine deposits along sea margins, in part as shallow off-shore deposits along the borders of estuaries, and in part as flood-plain deposits along river valleys at the heads of estuaries. While in Maryland three sets of terrace deposits only have been heretofore recognized, in North Carolina five such sets have been differentiated. The following table shows the correlation of the Pleistocene formations of this State with those in Virginia and Maryland as at present interpreted:

<i>Maryland and Delaware.</i>	<i>Virginia.</i>	<i>North Carolina.</i>
Talbot	Talbot	{ Pamlico Chowan
Wicomico	Wicomico	Wicomico
Sunderland	Sunderland	{ Sunderland Coharie

The recent series include the swamp, wind, river, lake, estuary, and sea deposits now in process of formation.

¹³Torrey, vol. 9, No. 4, April, 1909, pp. 71-73; 2 figs.