

The Jacksons Hole locality is probably not more than a mile from the Lewis Creek locality near South Washington, visited by Hodge in 1840 and later by Lyell in the early forties.

Lewis Creek enters the Northeast Cape Fear a short distance above Jacksons Hole. At a point about $\frac{1}{2}$ mile above its mouth, near the site of an old water mill, a few fossils were obtained, all of which were found at the Jacksons Hole locality, and it is probable that the two localities represent exactly the same horizon. It is also possible that this is the exact locality visited by Hodge and later by Lyell. The following forms were obtained:

U. S. G. S. LOCALITY No. 4168.

<i>Ostrea subspatulata</i> Forbes.	<i>Anomia argentaria</i> Morton.
<i>Ostrea tecticosta</i> Gabb.	<i>Belemnitella americana</i> Morton.
<i>Exogyra costata</i> Say.	

Continuing down the river, occasional low exposures of Peedee green-sand were observed to a point about 44 miles above Wilmington. A few specimens of *Ostrea subspatulata* Forbes (U. S. G. S. Loc. No. 4166) were obtained at Krooms Bridge, milepost 56; but otherwise no fossils were seen.

Between the occurrence at milepost 44 and Hilton Park, Wilmington, there is no place where Peedee beds are known to rise above water level in the river. Sections at points $41\frac{1}{4}$ and $30\frac{1}{8}$ miles above Wilmington, respectively, show only Eocene strata. However, at Lanes Ferry (Rocky Point), 35 miles above Wilmington, and at Castle Hayne, materials which would correspond to the Peedee beds as here defined have been reported by Dr. Stanton¹ in rock quarries at the base of Eocene limestone, and it is probable that at no place in this region is the surface of the formation more than a few feet below low-water level.

The lowest point on the Northeast Cape Fear at which the Peedee beds have been observed in surface exposures is at Hilton Park at the northern edge of the city of Wilmington, New Hanover County. The following section was made a few rods below the pump station of the Clarendon Waterworks Company:

SECTION AT HILTON PARK, WILMINGTON, N. C.

Pleistocene:	FEET.
Coarse, light gray to yellowish, loose, somewhat loamy sand soil..	11½
Yellowish-brown, medium-grained sand.....	4
Concealed	5
(Unconformity.)	

¹Am. Geol., vol. 7, pp. 333-334.