

SECTION AT UPPER END OF BLUFF AT MOSSY LOG LANDING, 71½ MILES
ABOVE WILMINGTON, RIGHT BANK.*Pleistocene:*

FEET.

Loose gray sand..... 3
(Unconformity.)

Cretaceous (Black Creek formation) :

Dark greenish-gray, slightly arkosic, compact, argillaceous and in
places ferruginous sand, containing soft shell casts..... 4
Laminated, dark to black clay and gray or ferruginous sand, in
which were observed a few poorly preserved specimens of *Arau-*
caria bladenensis 7

The fossils listed below were obtained from the greensand layer.

U. S. G. S. LOCALITY No. 5357.

<i>Serpula</i> sp.	<i>Cymella bella</i> Conrad.
<i>Nucula</i> n. sp. (aff. <i>N. percrassa</i> Conrad).	<i>Crassatellites carolinensis</i> Conrad.
<i>Arca</i> sp.	<i>Cardium longstreeti</i> Weller.
<i>Trigonoarca</i> sp.	<i>Cardium</i> sp.
<i>Trigonia</i> (probably new species).	<i>Isocardia cliffwoodensis</i> Weller.
<i>Pecten</i> n. sp.	<i>Linearia metastriata</i> Conrad.
<i>Pholadomya</i> sp.	<i>Leptosolen biplicata</i> Conrad.
(specimen destroyed).	<i>Corbula carolinensis</i> Conrad.
	Undetermined pelecypods.

Between Mossy Log Landing and Gummers Cove 60⅔ miles above
Wilmington there are a number of low exposures of marine beds con-
sisting of dark green or greenish-gray, fossiliferous sand with an occa-
sional indurated, calcareous layer likewise fossiliferous. Collections of
fossils were made wherever possible, and on the following pages are
given lists of the forms identified.

U. S. G. S. LOCALITY No. 5356—BLACK RIVER, N. C., 69 MILES ABOVE
WILMINGTON, N. C., RIGHT BANK.

Cymella bella Conrad.
Corbula carolinensis Conrad.
Undetermined pelecypods.

U. S. G. S. LOCALITY No. 5358—BLACK RIVER, N. C., BRYANT NEWKIRK'S
MARL HOLE, 66 MILES ABOVE WILMINGTON, N. C.

<i>Serpula cretacea</i> (Conrad).	<i>Ostrea cretacea</i> Morton.
<i>Nucula</i> n. sp. (aff. <i>N. percrassa</i> Conrad).	<i>Trigonia</i> sp.
<i>Arca</i> sp.	<i>Pecten</i> n. sp.
<i>Cucullaea antrosa</i> Morton?	<i>Crassatellites carolinensis</i> Conrad.
<i>Trigonoarca triquetra</i> Conrad.	<i>Cardium longstreeti</i> Weller.
<i>Trigonoarca</i> n. sp.	<i>Cardium eufaulense</i> Conrad.
<i>Glycymeris subaustralis</i> (d'Orbigny).	<i>Cardium spillmani</i> Conrad.
<i>Pinna</i> sp.	<i>Cardium</i> sp.
	<i>Cyclothyris</i> sp.