

The two preceding sections are essentially alike, and agree lithologically with the sections in which Miocene fossils were found.

One-half Mile North of Cokey Swamp, 7 Miles West of Tarboro.—In a roadside ditch, about 2 feet of iron-stained sandy Miocene clay appears, in which are numerous fossil impressions. It is overlain by thinly laminated drab clay containing fine partings of brown sand. The Miocene, lithologically, is very similar to the Miocene strata outcropping along the Tar River near Tarboro. The Miocene marl has been dug at a number of places in the vicinity of Sasnett Mill Branch, and fragments of the old shells can be seen in the fields in that vicinity.

FIRST BEND OF RIVER ABOVE BELL'S BRIDGE, LEFT BANK.

Pleistocene:	FEET. INCHES.	
Loam and flood plain material poorly exposed.....	2-4	
<i>Miocene (St. Marys):</i>		
Marl bed, shells perfectly preserved and representing a large fauna in matrix of fine blue to drab sand, containing quartz pebbles 1 inch or more in diameter. Near the upper part of the bed is a layer in which <i>Divaricella quadrisulcata</i> is extremely abundant. Exposed to water's edge	5	6

TAR RIVER, NEAR BELL'S BRIDGE.

GASTROPODA:	
<i>Cadulus thallus</i> Conrad.	<i>Astarte concentrica</i> Conrad.
<i>Calliostoma philanthropus</i> Conrad.	<i>Astarte symmetrica</i> Conrad.
<i>Crepidula aculeata</i> Gmelin var. <i>costata</i> Morton.	<i>Astarte undulata</i> Say.
<i>Crepidula fornicata</i> Say.	<i>Callocardia sayana</i> Conrad.
<i>Crepidula plana</i> Say.	<i>Cardium laqueatum</i> Conrad.
<i>Crucibulum constrictum</i> Conrad.	<i>Cardium</i> sp.
<i>Dentalium attenuatum</i> Say.	<i>Chama congregata</i> Conrad.
<i>Ecphora quadricostata</i> Say.	<i>Corbula cuneata</i> Say.
<i>Fossarus lyra</i> Conrad.	<i>Corbula inaequalis</i> Say.
<i>Polynices duplicatus</i> Say.	<i>Crassatellites lunulatus</i> Conrad.
<i>Teinostoma lenticulare</i> H. C. Lea.	<i>Crassatellites undulatus</i> Say.
<i>Tornatina canaliculata</i> Say.	<i>Cumingia medialis</i> Conrad.
<i>Turbonilla interrupta</i> Totten.	<i>Diplodonta acclinis</i> Conrad.
* <i>Turbonilla reticulata</i> C. B. Adams.	<i>Diplodonta subvexa</i> Conrad.
<i>Turritella variabilis</i> Conrad.	<i>Divaricella quadrisulcata</i> d'Orbigny.
<i>Vermetus graniferus</i> Say.	<i>Dosinia acetabulum</i> Conrad.
<i>Vermetus sculpturatus</i> H. C. Lea.	<i>Ensis directus</i> Conrad.
PELECYPODA:	
<i>Arca centenaria</i> Say.	<i>Gemma magna</i> Dall.
<i>Arca improcera</i> Conrad.	<i>Glycymeris subovata</i> Say.
<i>Arca plicatura</i> Conrad.	<i>Isocardia fraterna</i> Say.
<i>Asaphis centenaria</i> Conrad.	<i>Leda acuta</i> Conrad.
	<i>Macrocallista albaria</i> Say.
	<i>Modiolus ducatelii</i> Conrad.
	<i>Mulinia congesta</i> Conrad.