

<i>Tellina (Angulus) dupliniana</i> Dall.	<i>Venus (Tridacnoides) deformis</i> Say.
<i>Tellina (Angulus) declivis</i> Conrad.	<i>Venus (Tridacnoides) rileyi</i> Conrad.
<i>Tellina (Angulus) sp.</i>	<i>Venus plena</i> Conrad.
<i>Tellina (Angulus) propetenella</i> Dall.	<i>Venus plena</i> Conrad var. <i>inflata</i> Dall.
<i>Thracia transversa</i> H. C. Lea.	<i>Venus plena</i> Conrad var. <i>nucca</i> Dall.
<i>Venericardia (Cyclocardia) granulata</i> Say.	<i>Yoldia laevis</i> Say.
<i>Venericardia (Pleromeris) perplana</i> Conrad.	<i>Yoldia laevis?</i> Say.

The Yorktown formation stretches in a belt across the State from northeast to southwest as far as the Neuse River. It seems to be practically continuous beneath the Pleistocene cover from the Dismal Swamp in Gates County southward through Hertford, Chowan, Bertie, Washington, Martin, Beaufort, Pitt, and Craven counties to the Neuse River. South of the Neuse River it has not been recognized.

The Yorktown formation locally has dips of 5 to 10 degrees, but these are unusual. So far as instrumental observations can determine the inclination of the beds, the formation is practically horizontal. Occupying depressions in the irregular surface of the older formations, the basal beds may dip with the slope of the depressions, but the upper beds are practically level. It probably everywhere has a general dip of a few feet to the mile toward the ocean.

Detailed Sections.

TAR FERRY, WICCACON CREEK, HERTFORD COUNTY.

<i>Pleistocene:</i>	FEET.
Yellowish-brown clay loam.....	13
<i>Miocene (Yorktown):</i>	
Fine gray sand.....	4
Marl layer, perfectly preserved shells in matrix of broken shells and sand. Sand is blue when unweathered, yellow where exposed. This material seems to extend to water, though exposures are poor at base, and some of it may have slipped down from above	20

FOSSILS FROM TAR FERRY, WICCACON CREEK.

GASTROPODA:

Crepidula fornicata Say.
Dentalium attenuatum Say.
Marginella contracta Conrad.
Marginella denticulata Conrad.
Marginella limatula Conrad.
Olivella mutica Say.
Polynices duplicatus Say.
Scalaspira strumosa Conrad.
Seila adamsi H. C. Lea.
Teinostoma nanum H. C. Lea.

Tornatina canaliculata Say.
Triforis perversa Linné var. *nigrocincta* Adams.
Turbonilla interrupta Totten.
Turritella variabilis Conrad.
Vermetus graniferus Say.
Vermetus sculpturatus H. C. Lea.

PELECYPODA:

Abra aequalis Say.
Arca limula Conrad.
Astarte concentrica Conrad.