

Phacoides contractus Say.
Phacoides cribrarius Say.
Rangia clathrodonta Conrad.
Spisula magnoliana Dall.
Thracia conradi Couthouy.

Venericardia granulata Say.
Venericardia tridentata Say.
Venus rileyi Conrad.
Yoldia laevis Say.

Right Side of Roanoke River, 3 1-2 Miles Below Palmyra.—Fossiliferous blue sandy clay belonging to the St. Marys formation rises about 7 feet above high water. It may be the same layer exposed at Palmyra, though it contains a somewhat different assemblage of fossils.

FOSSILS FROM 3½ MILES BELOW PALMYRA LANDING.

CRUSTACEA:

Balanus concavus Bronn.

GASTROPODA:

Crepidula fornicata Linné.

PELECYPODA:

Leda acuta Conrad.

Mulinia congesta Conrad.

Nucula proxima Say.

Ostrea compressirostra Say.

Phacoides crenulatus Say.

Yoldia laevis Say.

SECTION AT UPPER END OF ROANOKE RIVER BLUFF AT HAMILTON, JUST ABOVE LANDING.

Pleistocene:

	FEET.
Clay sandy loam with some sand layers and some layers of pure clay	12

Miocene (St. Marys):

Lens of fossiliferous sandy clay which at greatest thickness is about 3½ feet. Consists in some places of indurated shell fragments. *Ensis*, *Nucula*, and *Leda* are the most abundant fossils. 0-3½
 Greenish-gray argillaceous sand containing several fossil bands similar to above and some isolated shells..... 13

In several places in the Hamilton Bluffs, especially in the lower portion of the bluff, many layers of shell fragments occur. In one place a layer was seen largely composed of fragments of *Venus*.

FOSSILS FROM HAMILTON BLUFFS.

GASTROPODA:

Cadulus thallus Conrad.

Calliostoma mitchelli Conrad.

Calliostoma philanthropus Conrad.

Calliostoma virginicum Conrad.

Olivella nitidula Dillwyn.

Polynices heros Say.

Scalaspira strumosa Conrad.

Teinostoma nanum H. C. Lea.

Tornatina canaliculata Say.

Turbonilla interrupta Totten.

Turritella variabilis Conrad.

PELECYPODA:

Anomia simplex d'Orbigny.

Arca improcera Conrad.

Corbula inaequalis Say.

Ensis directus Conrad.

Gemma trigona Dall.

Glycymeris subovata Say.

Leda acuta Conrad.

Mulinia congesta Conrad.

Nucula proxima Say.

Ostrea sculpturata Conrad.

Panopea americana Conrad.

Pecten eboreus Conrad.

Phacoides crenulatus Conrad.

Plicatula marginata Say.

Venericardia granulata Say.

Venus rileyi Conrad.

Yoldia laevis Say.