

fossils given seem to prove conclusively that they are Pleistocene. The writer compares the fossils from this locality with those found near the mouth of the Potomac River (Cornfield Harbor).

CROOM, H. B.—*Some Account of the Organic Remains Found in the Marl Pits of Lucas Benners, Esq., in Craven County, N. C.* Amer. Jour. Sci., vol. 27, pp. 168-171, 1835.

Mr. Benners' estate, where the pits were dug, was located on the north bank of the Neuse River, sixteen miles below New Bern. The pits were about 25 feet in depth, and about 10 feet below the surface of the river. The following* genera are named and their measurements given:

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| 1. <i>Pholas costata</i> . | 7. <i>Arca</i> . | 13. <i>Buccinum</i> . |
| 2. <i>Venus</i> . | 8. <i>Pecten</i> . | 14. <i>Mya</i> . |
| 3. <i>Strombus</i> . | 9. <i>Ostrea</i> . | 15. <i>Donax</i> (?) |
| 4. <i>Murex</i> . | 10. <i>Patella fornicata</i> . | 16. <i>Nerita</i> . |
| 5. <i>Cardium</i> . | 11. <i>Pectunculus</i> . | 17. <i>Madrepora porites</i> . |
| 6. <i>Solen</i> . | 12. <i>Conus</i> . | |

Besides, there were sharks' teeth, vertebræ of fishes, and teeth, hoof, and horns of an elk, and grinder of *Mastodon giganteum*.

MORTON, SAMUEL G.—*Notice of the Fossil Teeth of Fishes of the United States, the Discovery of the Galt in Alabama, and a Proposed Division of the American Cretaceous Group.* Amer. Jour. Sci., vol. 28, 1835, pp. 276-278.

The author divides the American Cretaceous into the Upper division, the Medial division, and the Lower division. The beds included in the Upper division and at least a part of those included in the Lower division were later shown to belong to the Eocene.

1838.

CONRAD, T. A.—*Fossils of the Medial Tertiary of the United States.* No. 1, 1838, 32 pp., pls., 1-27, Phila. Republished by W. H. Dall, Washington, 1893.

Fossils are described from the Miocene at Murfreesborough, Wilmington, and near New Bern, which he refers to the "Medial Tertiary."

WAGNER, WILLIAM.—*Description of Five New Fossils of the Older Pliocene Formation of Maryland and North Carolina.* (Read January, 1838.) Jour. Acad. Nat. Sci., Phila., vol. 8, 1838, pp. 51-53.

The three following new forms of Miocene shells from "Meherring River," North Carolina, are described and figured:

Pecten marylandicus,
Panopea goldfussii,
Mysia nucleiformis.

1840.

CONRAD, T. A.—*Fossils of the Medial Tertiary of the United States.* No. 2, 1840, pp. 33-56, pls. XVIII-XXIX. Phila. Published by W. H. Dall, Washington, 1893.

The following fossils are described:

Lucina divaricata, from Upper Tertiary of North Carolina.
Astarte lunulata, from Upper Tertiary, New Bern.
Pecten eboreus, from Upper Tertiary, New Bern.