THE MICRO-FAUNA OF THE NANAFALIA

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(Abstract)

The Nanafalla Formation (basal Wilcox) strikes east-west across the south central part of Alabama in a band approximately seven miles in width. The samples which were studied in preparing this paper were taken from Nanafalla Landing on Tombigbee River and from a road cut thirteen miles south of Linden, Alabama.

Numerous long range forms recovered include:

- *Lenticulina midwayensis* (Plummer) - Midway to Claiborne;
- *Nodosaria vertebralis* (Batsch) - Cretaceous to Recent;
- *Nodosaria affinis* D'Orbigny - Cretaceous to Recent;
- *Nonion umbilicata* (Cushman) - Wilcox to Oligocene;
- *Nonion micrum* Cole - Wilcox to Jackson;
- *Cythere cf. oliveri* Cushman - Wilcox to Claiborne;
- *Siphonina prima* Plummer - Midway to Wilcox;

Forms which correlate with the Sabine-town of Texas and the Marthaville of Louisiana, as described by H. V. Howe, in Louisiana Geological Bulletin No. 4 are:

- *Cythere alabamensis* (Howe) and *Orthonotocythere n. sp.*

Index fossils of the Nanafalla include:

- *Buliminella cf. angusta* Cushman;
- *Bolivinello n. sp. ;
- *Ceratobulimina n. sp. ;
- *Eponides lotus* Cushman;
- *Planulina n. sp. ;
- *Cytheridea pendeletonensis* (Howe);
- *Cythere alabamensis* (Howe);
- *Cythereis pristwichiana* Jones and Sherborn; and
- *Orthonotocythere n. sp.*