



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 Nanafalia 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;
Nodcsaria affinis D'Orbigny - Cretaceous to Recent;
Nonion umbilicatula (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 Sabinetown of Texas and the Martha-ville 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 Nanafalia include:

Bulminella cf. angusta Cushman;
Bolvinita n. sp.;
Ceratobulmina n. sp.;
Eponides lotus Cushman;
Planulina n. sp.;
Cytheridea pendletonensis (Howe);
Cythere alabamensis (Howe);
Cytheres prestwichiana Jones and Sherborn; and
Orthonotocythere n. sp.