

February 2, 1939

Mr. C. G. Lalicker
School of Geology
University of Oklahoma
Norman, Oklahoma

Dear Mr. Lalicker:

The following is the abstract of my paper to be presented at the meeting of the S.E.P.M. in Oklahoma City.

H. B. Stenzel and R. F. Cumley, A New Paleologic
Correlation Method

The gastropod species *Turricula gabbi* (Conrad) is one of the most common fossils of the middle Eocene Claiborne group of east and central Texas. This species and its ancestors can be traced through about 500 feet of beds. During its evolution the number of riblets on the protoconch decreases from about 188 to 85. This decrease in the number of riblets is so gradual and can be measured to such accuracy that it can be used for an exact correlation of the beds. The results are similar to those obtained from a study of Jurassic ammonites in England.

Very sincerely yours,

H. B. Stenzel, Geologist

HBS:MLL