

Editorial Comments by H.B. Stenzel concerning manuscript by  
S.M. Herrick

The work has good and new observational data. Its conclusions are well-founded. I believe one of the important contributions is Table 1., the detailed list of foraminifers from three localities. It is the first time that a faunal list has been furnished for the Dellet Sand of Alabama, which occupies a critical stratigraphic position.

(1) You mention in your letter of 8, April, 1969, that "possibly there should be more detail regarding the ecology of the forams found...." I fully agree. A paleoecological evaluation of each of the three local faunas would contribute greatly to the work and aid in the understanding of the extensive basal Jacksonian transgression.

(2) Footnote 4 on page 1. Because this is a clarification of the type locality of the Tivola Tongue, it might be advisable to add a separate paragraph describing the location of the type locality more precisely using the U.S.G.S. topographic sheet, if one is available.

(3) Bottom line on p. 3: Use foraminifers, because you use molluscan shells and bryozoan remains in the same sentence. Keep all in the vernacular.

(4) Bottom part of p. 13. Please bring in here Stenzel, 1940, the Yegua problem: Texas Univ. bull. 3945, pt. 2, p. 847-910. This work is the first to prove that (1) the base of the Jackson Group rests on an erosion surface of marine origin and that (2) there is a regional disconformity at the base of the Jackson Group indicative of a wide-spread transgression at least in the area from Brazos County, Texas, to Montgomery, Louisiana.

(5) Mention the locality on the Atlantic coast where Jackson is known to rest on metamorphics of the Piedmont region. This is an important proof of the transgressive nature of the basal Jackson Group on the Atlantic Coastal Plain.

(6) Enter Stenzel, 1940, in the list of references.

I want to emphasize that progress in the geology of the Coastal Plain always has been slow and laborious. The subjects are difficult, and only step by step can proofs be adduced. Your paper is one of these steps and is based on good observational data. It should be published.

October 20, 1969  
H.B. Stenzel

C O P Y