

Burnet, Texas  
July 6, 1943

Dr. H. B. Stenzel, Geologist  
The Bureau of Economic Geology,  
Austin, Texas.

Dear Dr. Stenzel:

Enclosed is the short manuscript on the archaeocete from Gonzales County. As you will undoubtedly notice I have avoided placing the Jackson as a single formation or group name. I have used Wellborn as a member.

After looking through considerable literature including the Carroll Cook thesis on the Catshoula I find that the nomenclature of the Jackson is very cloudy. In his thesis the latest (1932) division placed the Jackson as a group divided into the Fayette Sandstone and the Whitsett Beds. Whitsett was restricted to include only a lower portion of the beds called Whitsett by Dumble in 1924. I can't see that there has been any important change since Veatch other than to include in the old Jackson of Veatch a portion of his Vicksburg beds. Cook, in 1932, stuck to the name Jackson but looked on the entire series of beds as a formation while Ellisor in 1931 saw fit to divide the Jackson into three formations. U.S.G.S. in 1932 reduces Jackson to formation and calls it Fayette.

If you have any suggestions as to the nomenclature to be used, I would appreciate your making the change. I am willing to take whatever you consider the best nomenclature in the light of your extensive work on the Gulf Coast.

If you should like to go to Gonzales County some Sunday--say very early, I would be willing. We could go to the site and you can check the results of some of the trenching at the Jackson site on the Guadalupe. I would like to show you the lack of faulting at the clay pits, etc. I believe that a good measured section of the Jackson at this point would be good to include (section by yourself, of course.).

Sincerely yours,

  
Carl Chelf