

Department of Geology
The University of Texas
Austin 12, Texas
November 9, 1959

Dr. Henryk B. Stenzel
3726 Colquitt
Houston, Texas

Dear Dr. Stenzel:

Currently I am taking Dr. Keith Young's mesozoic stratigraphy course at the University of Texas. The laboratory part of this course consists of individual research problems. For my problem Dr. Young suggested that a set of thin sections cut from species of Gryphaea would be instructive as the microstructure of the shell shows some variation in different species. Dr. Young told me that in a previous conversation with you, you suggested that forms having a "spongy" wall structure should be placed in the genus Pycnodonte, and forms without this wall structure be placed in the genus Gryphaea.

Dr. Young has given me specimens of these various species, and I am in the process of preparing the thin sections. As the project stands now, some thin sections show no spongy structure at all, some sections show layers of spongy structure inter-layered with normal shell, and some sections show all spongy structure. Dr. Young has suggested that this project might be expanded a bit, and enough sections cut from many different species so that a paper might be written for the Texas Journal of Science. Dr. Young asked me to write to you about this paper as he understands you have a monograph on the Gryphaeas in preparation. We do not wish to overlap your studies, and will not publish the results of this project if you are now treating the same subject matter in your monograph. Would you please let me know if our plan to publish would be a repetition of your work?

I would greatly appreciate hearing any comments or criticisms you might care to make about this project. As soon as I have sufficient data, I will be happy to discuss the results obtained.

Sincerely yours,

Charles M. Hoskin
Charles M. Hoskin

GMH:ch

Copy to:

Dr. Keith Young
Department of Geology
The University of Texas
Austin 12, Texas