

February 11, 1946

Dr. Chester Stock  
Calif. Institute of Technology  
Pasadena, California

Dear Doctor Stock:

The latest publication of the Bureau--including an article on crustaceans by me--has just come off the press. I take this occasion to send you this publication together with some of my separates for the purpose of extending our recent acquaintance. ✓

From our conversation on the train I believe you will be interested in the paper by Hesse, Turner and me on "Brackish and nonmarine Miocene in southeastern Texas." Desmostylus is mentioned therein. Hesse was rather cautious to put a question mark next to Desmostylus in his part of the text on account of the exceedingly fragmentary nature of the teeth. However, privately he was convinced that the identification was correct and not dubious within the limit of present knowledge of these sea cows. He was thoroughly familiar with the west coast material. Naturally this great extension of the geographic range of Desmostylus opens up new fields of prospects, in the Miocene of Mexico for instance.

I believe that this type of investigation is of importance to distant stratigraphic correlation, and we had planned to work on similar projects in Texas. There are several other places which promise to yield important data for the correlation of the marine invertebrate and nonmarine vertebrate sequence, but on account of Hesse's death they will probably have to wait.

Sincerely yours,

H. B. STENZEL  
Geologist

HBS:hrb