

UNIVERSITY OF VERMONT
AND STATE AGRICULTURAL COLLEGE
BURLINGTON, VERMONT

Department of Zoology

February 16, 1949

Dr. H. B. Stenzel
Bureau of Economic Geology
The University of Texas
University Station, Box B
Austin 12, Texas

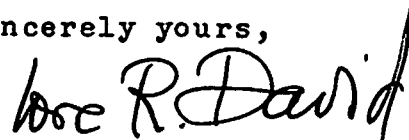
Dear Dr. Stenzel:

Thanks for your letter of January 18th, and I hasten to answer since you say that you were trying to accumulate some samples for me from the various washings of samples. The remains of fish scales you find in such washed samples are so broken up and small that I could not make any use of them. I would like to tell you that before you go to the trouble of collecting such material.

Fish scales can only be found and determined on the entire core samples or ^{or} outcrop samples. It seems to me that you should have in your collection in the Economic Bureau many such cores showing fish scales. Usually geologists collecting such cores do not pay much attention to them and that is why they are frequently overlooked. They occur in the Eagleford formation and some other cretaceous formations of similar age group. I found Upper Eocene scales of Crockett age in the upper formation of the Cook Mountain group. These scales came from the Clay Creek Dome in Washington County, Texas. It seemed that there are a number of localities near Austin where scales are found in out-crops of Cretaceous Age. If you could find Eocene scales too it would be greatly appreciated. If you could direct the attention of your field men to those occurrences they might notice some material, I hope.

With best regards.

Sincerely yours,



Lore R. David
Ass't. Professor of
Zoology.

LRB:tw