

THE UNIVERSITY OF CHICAGO
CHICAGO 37 · ILLINOIS
DEPARTMENT OF GEOLOGY

Lonsdale
please see

June 24, 1948

Professor A. B. Stenzel
Bureau of Economic Geology
University of Texas
Austin, Texas

Dear Professor Stenzel:

I have taken a leave of absence from the Illinois Geological Survey for one year to assist Dr. Harold C. Urey in establishing a paleo-temperature scale by means of isotope ratios of oxygen in calcareous fossil skeletons. In this connection we plan to secure fossils from the Cretaceous of Texas. Dr. J. M. Weller informed me before leaving for the field camp, that he has corresponded with you about this matter and that you would be kind enough to guide Dr. Urey and me to desirable sections for collecting well preserved fossil assemblages.

Dr. Urey and I plan to spend 4 weeks in the field and we were wondering whether we could start the trip about the last week in August.

We have two objectives in mind. 1) To secure good material from a long succession of Cretaceous strata. 2) To collect contemporaneous assemblages from quite contrasting biotopes, preferably where considerable differences in depth relations are indicated.

In order to prepare myself properly for the trip I would greatly appreciate if you would send me a list of publications pertaining to the stratigraphy, ecology and faunal composition of the sequences which you select for our study.

I am very glad that you expressed your willingness to be our adviser and guide on the trip. Will you please let me know whether you are free to go with us between the last week of August and the last week of September, or if you prefer any other time. Both Dr. Urey and I have to be back here early in October, as we are both teaching during the fall term.

With kindest regards, I am,

Sincerely yours,

Henry A. Lowenstam

H. A. Lowenstam

HAL:ws

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