

•EUGENE• DAVIS•

ARCHITECT



LIBERTY BANK BUILDING DALLAS, TEXAS

3736 Purdue
Dallas, Texas
July 9, 1942

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

Dear Dr. Stenzel:

The casts of *Astacodes davisii* came on the afternoon mail today. Please accept my thanks for for them.

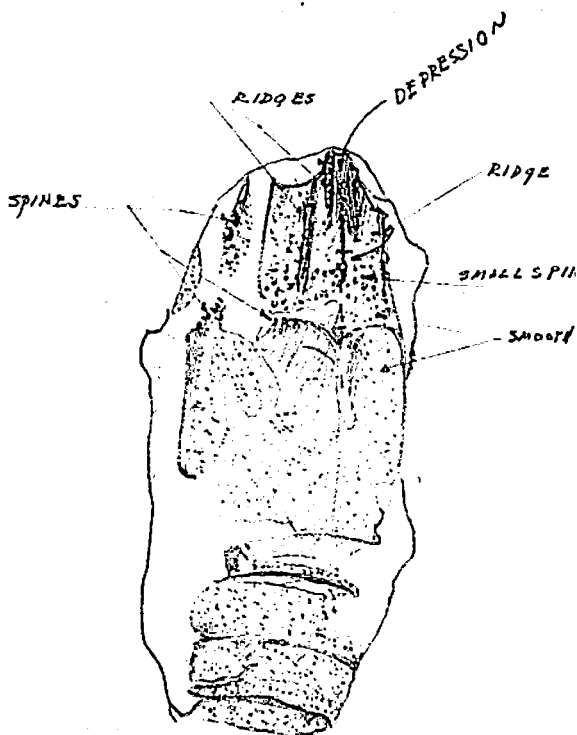
Last Saturday afternoon, I found a specimen in the Eagle Ford formation at California Crossing which is almost exactly the same size as the specimen of *Astacodes davisii*, but has only three and one-half sections of the tail. The texture of the surface is smooth except that very small pebble-like markings, very close together, are visible under the glass. The head is smooth at the rear where it joins the body and becomes slightly spiny for a quarter-inch after which three spiny ridges appear and extend as far as the eye sockets. Near the ends of these ridges, two additional ridges appear which extend forward between the eye sockets to form a point, the end of which is missing. From the outer edges of the eye sockets spiny ridges extend back along the sides of the head and seem to disappear about a quarter-inch beyond the joint between the head and body. The under side of the specimen is obscured by the matrix except for a part of one leg a small spot which shows a texture similar to the back except that the surface is covered with more pronounced markings. The sections of the tail show closely placed pores of very small size.

When I got your letter saying that the cast was being mailed, I was very glad indeed because I wanted to compare this new specimen with it as I felt that they were much alike and yet different in appearance.

If I have time, I will make a drawing so that you can tell better whether this specimen will interest you. I have not found any other like it.

Sincerely yours,
Eugene Davis

I did not have time to
make this a scientific
drawing. It is rather
pictorial -



EAGLE FORD FORMATION
CALIFORNIA CROSSING

DRAWING IS FULL SIZE