

May 9, 1963

Dear Dr Stenzel,

What a very pleasant surprise I had yesterday to open the big envelope, read your letter and see the autographed copy of your paper. That was so very thoughtful of you and I'm truly proud to have it. I will be looking forward to receiving the other book you mentioned.

Last Sunday week, we had a deluge. I've been collecting and have had a bit of luck in the Texcrete shale pit, and at the locality I call Irving where the coral occurs. May the 3rd I found a slab  $3/4$  in. thick 10 in X 5 in with ventholes showing at either end and scales on the out side. Dr Mc Nulty was very pleased to see it. He thinks it is a *Porthenus* sp. The scales resemble the present day Tarpon. Also found a shrimp that has a masked but better than usual carapace preserved.

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I believe it's a Upogelia, found it near the bottom of the back road where we walked into the pit. At Irving, I found one of the largest Notopocorystes that I've ever seen, not too well preserved. It was about 2 feet below the level where the coral occurs. It is 4 millimeters in length and a little over  $3\frac{1}{2}$  mm. in width, at the widest part. I also found a Placentoceras a few inches above the coral.

A few days ago, I found a small ammonite on the floor of the pit. It's rare I believe, I'd never seen one like it before. I also found a section of it at Irving; both were the same size. The same day, I found one of the ornate little gastropods that one found with the Irving coral - in the shale pit. This was the first time I'd seen one there. As a general rule, the other species of gastropods found in the pit don't have the shell pattern preserved.

I thought it best to cut out part of the map to mark the locality of the upper Grayson exposure. I've drawn spur 303 as best I could remember. Spur 303 is a four lane

highway with a median section. Here the best and newest exposure is on the south side of the highway facing north a steep cut about 7 or 8 feet high. When I gave you the fossils I failed to say that some were collected on the north side of the highway a few yards west on a north facing bank that parallels the railroad.

If you'd like, I'll go back for more and keep them separated this time. Since the recent rain a friend of mine collected some unusually well preserved Hemiaster calvani and Enallaster inflatus and some Loriolia sp? I had also collected a Tuxilites sp. there. Before I'd only found two poorly preserved echenoids at this locality. Now that I think on this I'd better double check with her because there is a newer fresh exposure a mile or so east and she may have collected the echenoids there. It is Upper Grayson too.

As yet I have, been on 123 to check the locality in the Main Street.

The locality where the big oyster was found is a north facing bluff directly south across a bay from Lee's Highpoint resort about 8 miles <sup>slightly</sup> north west of Pottsboro. As you were doubtful when I said it was Duck Creek. I'm not sure at all. It could be Ft. Wk fm.

The Exogyra ponderosa was found intact in the blue black shale a few yards east of the highway 24 bridge about 5 feet above the base of the stream No. Fork of Sulphur River south bank. Six miles south of Broadway Junction.

May 17,

When I laid this aside, mother and me went to Spear 303 to check the newest exposure there. Sure enough that's where the good echinoids were coming from as well as the best - most representative fauna that I've ever found in the Grayson fm. We were both so tired when we left there that I didn't drive back to Handley Dr. to check the mileage. I didn't get back over until yesterday

to do this. That is why I haven't mailed this letter. Guess you are wondering by now why I haven't written. The newest and largest exposure is 3.6 <sup>10<sup>th</sup></sup> of miles east of Handley Dr. on Spur 303. The same species of oysters are found there, some have Bryozoa on them, also a few larger than usual *Brachiopoda* sp. that are so common in the Upper Weno.

If you'd like I'll pick as ~~nearly~~ <sup>best</sup> as possible the best fossils from there and mail them to you. This friend of mine Mrs Betty Hatley said a friend of hers found a different species of an oyster there. I may be able to get it for you later.

After your visit, I called Mrs Alice Frost and asked if she had some oysters that she'd be willing to part with. She has collected from almost every level in the Lower and Upper Cret. as far south as San Antonio.

Dr Bob Perkins had gotten the Rudistids from the Edwards Reef from her some two years ago. She had collected these

with the idea of using them for  
exchange and also for a special exhibit  
at the Mineral Club shows.

Two days ago, she called and said  
she hadn't had time to dig through  
her systems and may not until Fall.  
I told her that I didn't know how  
soon you'd need them. She had  
said before that she'd be glad to  
show them to you if you could  
come up to see them. I'd told her  
that I didn't know if you could or  
not. Dr Perkins has her address  
in case you want to write to her.  
Just looked it up, Rt 1 Cedar Hill, Tex.

If you could tell me exactly what  
you want and need and how soon  
you'll need them, perhaps Mrs Hatley  
could help you too. She's had several  
courses in Geo. at Arn State. Vertebrate  
and Invertebrate paleo. etc. Naturally,  
she knows a lot more than I do.

I wanted to ask if you would tell  
me what species these Woodbine ammonites  
were, also if the Worthoceras sp had been

identified. Also the genera of the Inoceramus from the Tex site pit as well ~~as~~ <sup>as</sup> the ones from the Britton at Inuing. I would appreciate getting this information.

Another thing I wanted to ask, there is a concentration of Alectryonia lugubris (bellapicala) - (I believe) at least they look like it judging from the picture in the Handbook of Cret. Fossils Bul # 2838 - that we found slightly below the contact of the Austin Chalk in the Eagle Ford shale on U.S. 80 just as you drop off the steep hill coming west to Arcadia Park. I've never weathered with them so I don't know if any are ever found with both valves. What few are found at a lower level only have the top valve and are weathered.

I'd better close for now. Please pardon the delay in mailing this letter. And I do want to thank you for the Shell credit card.

P.S. I've misplaced the paper with the Prof's. name and given me to contact at Cornell Univ. If you'll give it to me again I won't misplace it again ~~regard~~ the coral  
Sincerely yours,  
Geary Keeglen