

March 8, 1950

Mr. Jørgen Wind
Lystrup St.
Jylland, Denmark

Dear Mr. Wind:

Your letter of February 28, 1950 was received a few days ago. I am indeed looking forward to receiving publications on the Danian and Paleocene through you. I would appreciate it if you could send me any new papers, as they come out. I am much less interested in papers on the Cretaceous that is older than Danian, but could probably use them too. I am, however, interested in papers on fossil decapod crustaceans of any age.

As to Gryphaea washitaensis Hill, Gryphaea tucuncari Marcou and Gr. corrugata Say, these are quite distinct species clearly separate from Pyenodonte vesicularis (Lamarck) in many essential characters. There is no difficulty in telling them apart. By the way, Pyenodonte vesicularis (Lamarck) was originally described from the la craie de Meudon, Dépt. Seine, France, [Campanian], and this is its type locality. Do you have material from that locality? I have some. If not you should try to get some. In comparing these oysters it is absolutely necessary that you use correct material, that is, topotype material, because it is possible that your Danish material may be not the true Pyenodonte vesicularis (Lamarck). Also I believe the correct generic name of that species is Pyenodonte Fischer de Waldheim 1855 (see Journal of Paleontology, vol. 21, p. 181, 1947.) I can send you some of the Texas Gryphaeas for your use.

As to the so-called Exogyra from the Danian, I have before me J. P. J. Ravn, Pelecypodes et Gastropodes Daniens: Mon. Acad. Roy. Sci. Danemark, sect. sci., 9th ser. vol. 5, No. 2, pl. 1, figs. 11a and 11b. The specimen figured is definitely not an Exogyra but a Gryphaeostrea Conrad 1865 (see Jour. Pal., vol. 21, p. 175, 1947). These two genera are quite distinct and can be separated readily. The specimen figured by Ravn is quite similar to Gryphaeostrea eversa Helleuille from the Thanetian of Cerny in France and to Gryphaeostrea vanor (Morton) from the Upper Eocene Jackson Group of the U. S. A. (Compare G. D. Harris & V. Palmer, The mollusca of the Jackson Eocene etc.: Bulletin of American Paleontology, vol. 30, No. 117, pl. 1, figs. 1-13, 1946-47). Could you send me some specimens, both valves, of the Danian species ("Exogyra" canaliculata)? It interests me very much.

If you care to exchange, I would be interested in Danian and Paleocene fossils and any fossil crustaceans, except Dromiosia rugosa (Schlottheim) of which I have several specimens from the Danian of Malmo, Sweden, originally labeled by Prof. Ferdinand Roemer.

Very sincerely yours,

H. B. STENZEL
Geologist

HBS:ejd