4029 PONCE DE LEON BOULEVARD
CORAL GABLES, FLORIDA
June 6, 1960

Dr. H. B. Stenzel
Shell Development Company
Exploration and Research Division
P. O. Box 481
Houston 1, Texas

Dear Dr. Stenzel;

I should have answered your letter of May 17th sooner, but we have been extremely busy the past three weeks preparing for, presenting, and recovering from a biannual demonstration field trip for 17 visitors from the operating areas.

I shall procure the material you desire as soon as possible. I will visit Gil Voss again this week to procure the African Discina ostreoides and get them on the way to you.

I am going in the field again this coming Thursday for a week on a chartered boat to the Bahamas bank, where we will core some oolite bars. Hence, I will be unable to get to the Sanibel Island area for the Glottidias until the following weekend. In the meantime, I shall drop a note to Dr. Eugenie Clark of the Cape Hays Marine Laboratory at Englewood for precise data on the Glottidia localities.

Referring to your mention of Tertiary sedimentary structures, are you familiar with our current work on burrowing organisms ? Gene Shinn, our marine biologist, is investigating the nature and sedimentary results of the many various burrowing organisms abundant in shallow tidal flats and sandy mud banks common in this area. One of the most important, we think, is the snapping shrimp, Alphaus heterochelis, with which Gene has conducted several aquaria experiments. It can be shown that the type of excavating performed by these forms can alter or destroy previous structures, and produce laminated sediment, micro-crossbedding, and stromotactis-like structures in rock. It is conceivable that these and other burrowers can in time completely rework sedimentary features composed of organic lime mud and skeletal sands.

I shall mail the Discina shells soon and shall write you again before mailing the live Glottidias.

Best regards,

Jess Pogue

JESS POGUE