



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

345 Middlefield Rd.  
Menlo Park, Calif.  
July 10, 1963

Dr. Henryk B. Stenzel  
3726 Colquitt St.  
Houston 27, Texas

Dear Henryk:

I have reached the point of writing up a stratigraphic chapter for my Vicksburg mollusks, and I have about resolved on the attached correlation. I wonder if you would be so kind as to give me your opinion on it.

It seems that instead of getting better since I last thought of this, the situation has become even more muddled. I can't see how anyone without some kind of personal experience with the Gulf Coast Oligocene could make any sense whatever of the present literature.

The Oligocene-Miocene boundary is still a toss-up, but I still can't go for Eames solution. How do you feel about it?

I hope things are going well with you.

Sincerely,

F. Stearns MacNeil

*look up Lagaaij Population*

Texas		La. Miss		Florida	
Surface	Subsurface	Surface	Surface	Surface	Subsurface
Flaming	Flaming		Pascagoula	Alum Bluff	Hearthorne
Catahoula	Catahoula	Catahoula	Catahoula	Tampa	Tampa
Salted	?				?
Absent	Ana		> ①	> ②	absent
	"Brio" U	absent	Paynes Hammock		Hot zone of "Brio" zone
Fault	(Hochberg) M		Chickasawhay		ls. ?
?	absent			Swansee	Swansee
	↓		Brentwood		
	↑		Brentwood		
absent			Glendon		
	Vicks	Missley Hill	Marionna		
Frio			Brush Hill	?	
			Red Bluff	Bumpkin ls. & Chapel Zone	
Jackson			Jackson	Ocala	Ocala

< M ?  
O ?

< M ?  
O ?

Miocene  
Oligocene

Eocene

- ① Physical break not demonstrated.
- ② Paynes Hammock may be missing at Frying Water Sink.