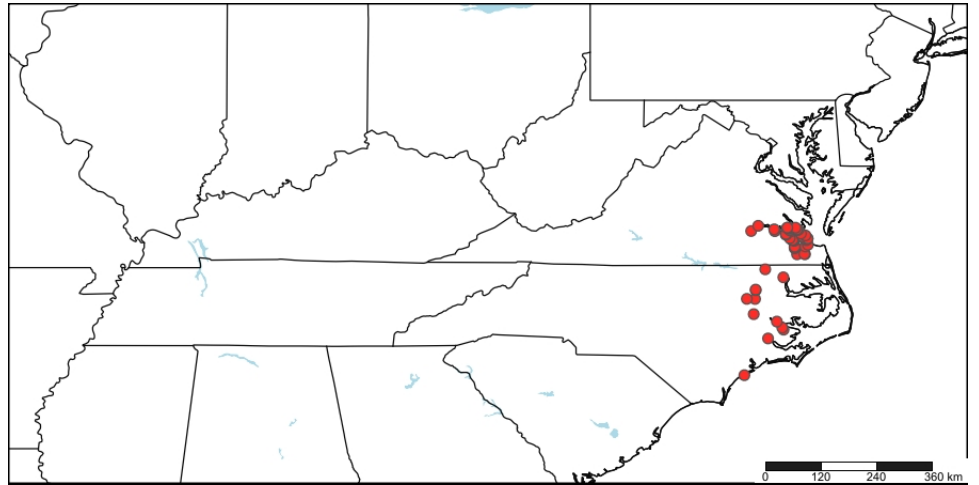
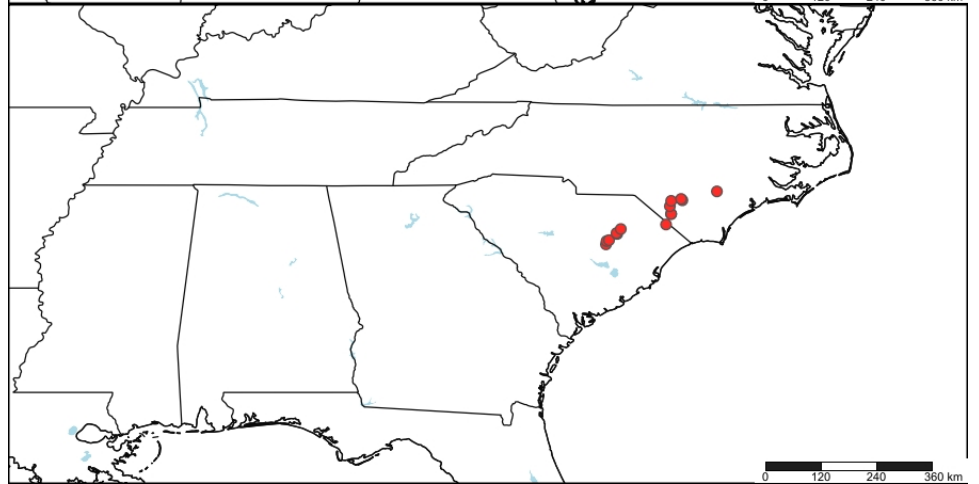


Location Series Maps

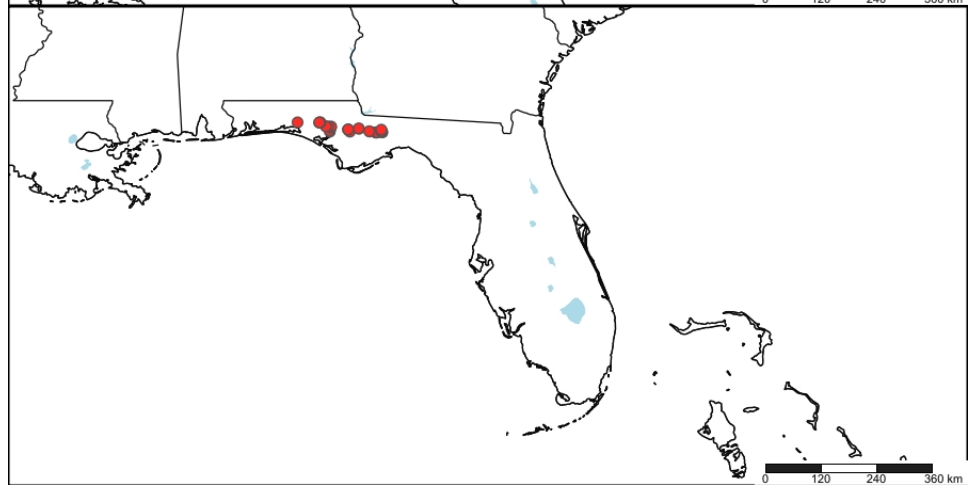
Yorktown Formation
North Carolina and Virginia
~3 million years old



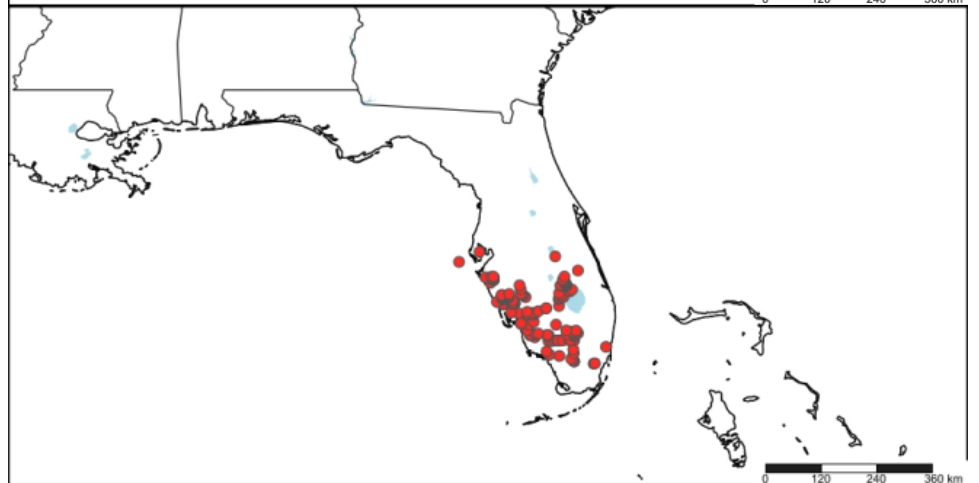
Duplin Formation
South Carolina and
North Carolina
~3 million years old

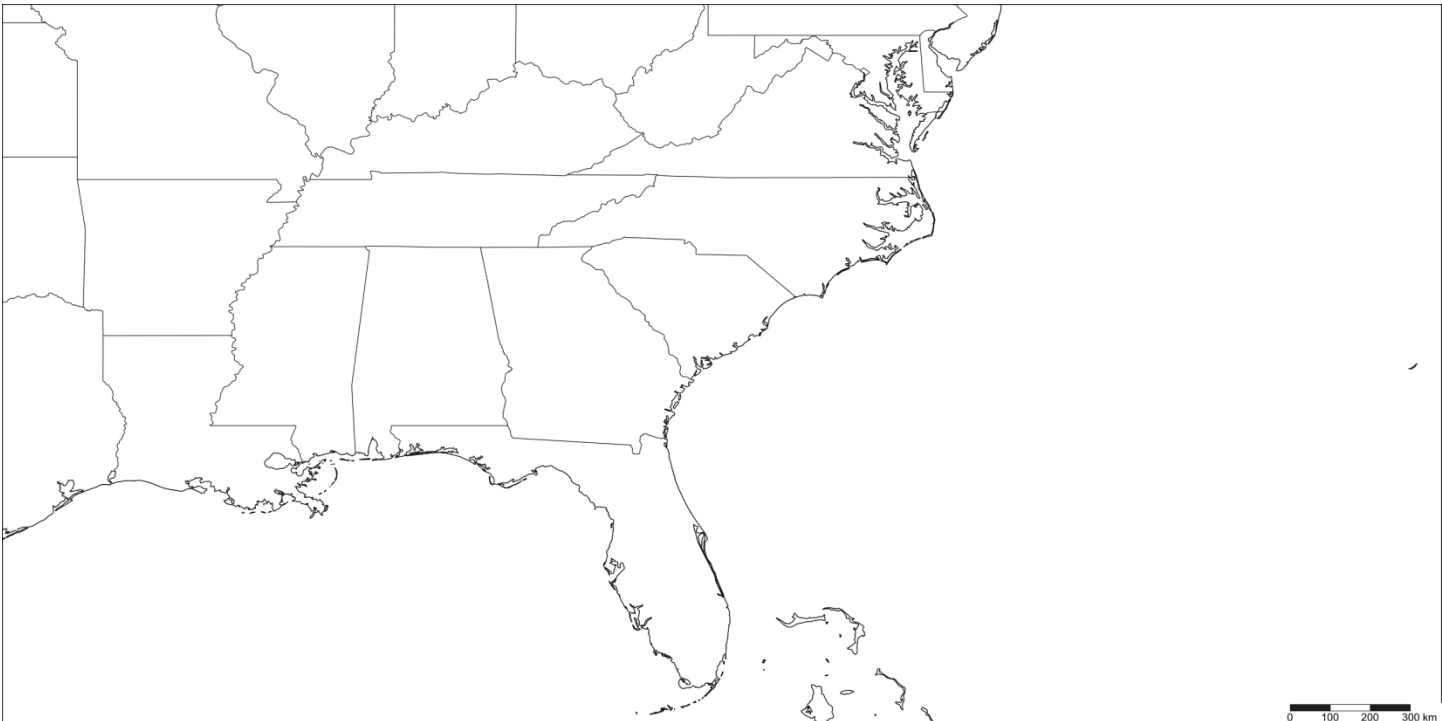


Jackson Bluff Formation
Northern Florida Panhandle
~3 million years old



Tamiami Formation
Southern Florida
~3 million years old





Species Through Time: Location Data

Group	Species	Tamiami Fm.	Jackson Bluff Fm.	Duplin Fm.	Yorktown Fm.
		~3 million y.o.	~3 million y.o.	~3 million y.o.	~3 million y.o.
Gastropods	<i>Conus adversarius</i>	2810	284		
	<i>Conasprella marylandica</i>	202	6		
	<i>Fusinus equalis</i>				
	<i>Neverita duplicata</i>				
	<i>Turritella subannulata</i>				
	<i>Xenophora floridana</i>				
Bivalves	<i>Chesapecten jeffersonius</i>				
	<i>Crassostrea virginica</i>				
	<i>Lucina pensylvanica</i>				
	<i>Panichione ulocyma</i>				
	<i>Planicardium virginianum</i>				
Corals	<i>Manicina areolata</i>				

Which location has the greatest diversity of species? _____

In which location have the most fossils been found? _____

Which five species have been found in greatest abundance overall?

- 1) 2) 3) 4) 5)

Put the five most common species for each location in order from most abundant to least abundant:

Tamiami	Jackson Bluff	Duplin	Yorktown
1)	1)	1)	1)
2)	2)	2)	2)
3)	3)	3)	3)
4)	4)	4)	4)
5)	5)	5)	5)

Are the most common species the same at each location? What are the similarities and differences?

Species Through Time: Location Series Data

<p>Tamiami Formation (Pinecrest Beds): Southern Florida</p> <p>Late Pliocene ~3 million years old 1,741 invertebrate species 241,963 specimens</p> <p>Gastropods</p> <p><i>Conus adversarius</i>: 2810 <i>Conasprella marylandica</i>: 202 <i>Fusinus equalis</i>: 50 <i>Neverita duplicata</i>: 958 <i>Turritella subannulata</i>: 267 <i>Xenophora floridana</i>: 399</p> <p>Bivalves</p> <p><i>Chesapecten jeffersonius</i>: 2 <i>Crassostrea virginica</i>: 164 <i>Lucina pensylvanica</i>: 1124 <i>Panichione ulocyma</i>: 457 <i>Planicardium virginianum</i>: 41</p> <p>Corals</p> <p><i>Manicina areolata</i>: 68</p>	<p>Jackson Bluff Formation: Northern Florida Panhandle</p> <p>Late Pliocene ~3 million years old 896 invertebrate species 133,215 specimens</p> <p>Gastropods</p> <p><i>Conus adversarius</i>: 284 <i>Conasprella marylandica</i>: 6 <i>Fusinus equalis</i>: 4 <i>Neverita duplicata</i>: 264 <i>Turritella subannulata</i>: 13 <i>Xenophora floridana</i>: 127</p> <p>Bivalves</p> <p><i>Chesapecten jeffersonius</i>: 6 <i>Crassostrea virginica</i>: 2 <i>Lucina pensylvanica</i>: 0 <i>Panichione ulocyma</i>: 7580 <i>Planicardium virginianum</i>: 175</p> <p>Corals</p> <p><i>Manicina areolata</i>: 0</p>	<p>Duplin Formation: South Carolina and North Carolina</p> <p>Late Pliocene ~3 million years old 668 invertebrate species 39,499 specimens</p> <p>Gastropods</p> <p><i>Conus adversarius</i>: 531 <i>Conasprella marylandica</i>: 31 <i>Fusinus equalis</i>: 20 <i>Neverita duplicata</i>: 68 <i>Turritella subannulata</i>: 1 <i>Xenophora floridana</i>: 0</p> <p>Bivalves</p> <p><i>Chesapecten jeffersonius</i>: 0 <i>Crassostrea virginica</i>: 16 <i>Lucina pensylvanica</i>: 9 <i>Panichione ulocyma</i>: 0 <i>Planicardium virginianum</i>: 0</p> <p>Corals</p> <p><i>Manicina areolata</i>: 0</p>	<p>Yorktown Formation: North Carolina and Virginia</p> <p>Late Pliocene ~3 million years old 633 invertebrate species 37,878 specimens</p> <p>Gastropods</p> <p><i>Conus adversarius</i>: 17 <i>Conasprella marylandica</i>: 460 <i>Fusinus equalis</i>: 0 <i>Neverita duplicata</i>: 124 <i>Turritella subannulata</i>: 0 <i>Xenophora floridana</i>: 0</p> <p>Bivalves</p> <p><i>Chesapecten jeffersonius</i>: 755 <i>Crassostrea virginica</i>: 13 <i>Lucina pensylvanica</i>: 0 <i>Panichione ulocyma</i>: 0 <i>Planicardium virginianum</i>: 42</p> <p>Corals</p> <p><i>Manicina areolata</i>: 0</p>
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