

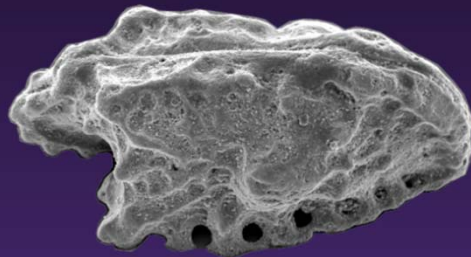
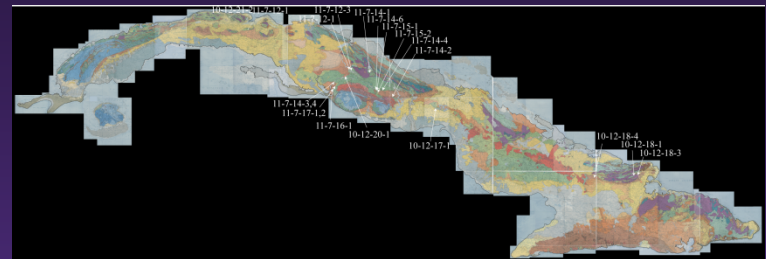
Tectonic Evolution of the Caribbean Basin and Gulf of Mexico: Constraints from the Paleobiogeography of Greater Antillean Late Cretaceous Ostracodes

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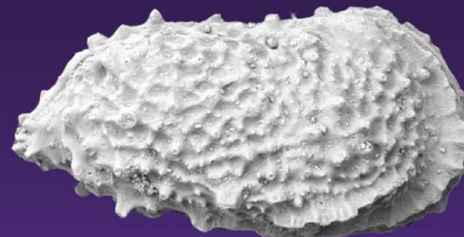


So far in this study, samples containing Late Cretaceous ostracodes have been collected from Jamaica and Chiapas, southeastern Mexico and Cuba. To date, several thousand ostracodes have been collected. A manuscript has been prepared describing 21 new species and 7 new genera from Jamaica (the co-author is preparing the section on stratigraphy.) Samples have also been collected from Cuba that include ostracodes; these samples are currently being picked. At first glance, several of the species from Cuba also occur in Jamaica, indicating a faunal connection during the Late Cretaceous.

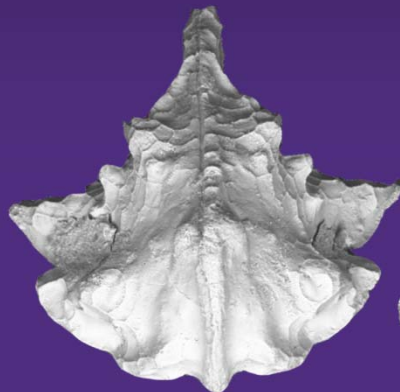
Work for the next year will include thoroughly picking the fossiliferous samples, cleaning the specimens, imaging them on an SEM, describing them and preparing the manuscript for publication.



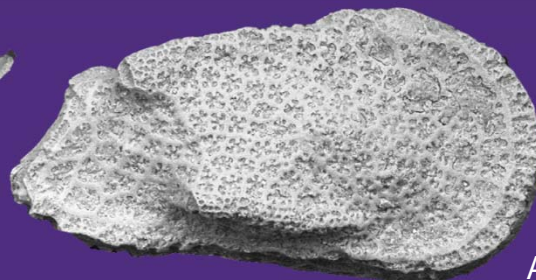
Belokephalocytherura mitchelli,
n. gen. et sp.



Spinicytheridea compta
n. gen. et sp.



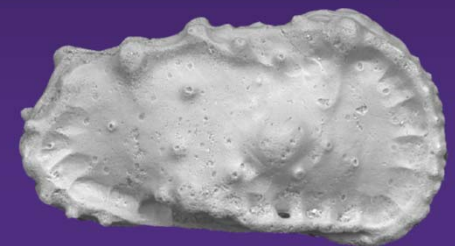
Hemiparacytheridea exquisita
n. sp.



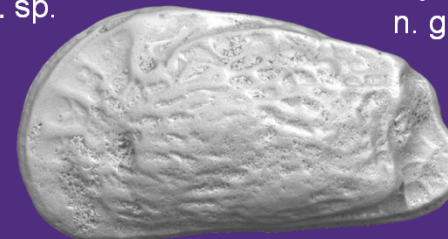
Floricythereis exquisita
n. gen. et sp.



Cythereis riominhoensis
n. sp.



Leicythereis polita
n. gen. et sp.



Phrixocythere unionensis
n. gen. et sp.

All specimens
Approximately
0.8 mm in length