

A NEW PERUVIAN CHIONE.

BY IDA S. OLDROYD.

CHIONE MERIDIONALIS n. sp. Plate IV, figs. 3, 4.

Shell of medium size, somewhat triangular elongate, quite flat; concentrically laminated, the laminae crenated, erect, ten in number, evenly spaced; interstices radiately ridged with fine ribs bundled in threes, evenly spaced. Ligamentary area very broadly excavated, with brown markings. Lunule narrow, elongate, faintly marked with brown and circumscribed by an incised line. Nymphs smooth, like young *C. gnidia*. Teeth smooth. Valve margins crenulate. Ligament inset, but showing externally. Color cream-white, with brown marking, interior white.

It is something like a young *C. gnidia* in sculpture, but the laminae are not scalloped as in that species, and it is a small shell compared with that. It is elongate, while *C. gnidia* is ovate. The accompanying plate will show the difference in the two species. Figures 1 and 2 are *C. gnidia*.

Type locality, Peru. The type is in the University of California Museum, locality number 3135. One specimen is in the Stanford University collection.

LAND SHELLS OF SOUTHERN FLORIDA.

BY E. G. VANATTA.

The following species of land shells were picked from leaf-mould collected by Mr. Clarence B. Moore in Southern Florida during the winter of 1919 and 1920, at stations not recorded in THE NAUTILUS volumes XIX (1905), page 40; XXI (1908), page 99; XXVI (1912), pages 16, 31; XXXIII (1919), page 18.

All the records of *Bifidaria contracta* Say in those lists should be changed to *Gastrocopta contracta peninsularis* Pils., which differs from the typical *contracta* as indicated on page 17 of THE NAUTILUS, Vol. XXVI (1912).

Opeas pumilum Pfr. has not been recorded from Florida before.

Pumpkin Key, Lee County, Florida.

<i>Helicina orbiculata</i> Say.	<i>Gastrocopta p. hordeacella</i>
<i>Polygyra c. carpenteriana</i>	(Pils.).
(Bld.).	<i>Gastrocopta c. peninsularis</i> Pils.
<i>Thysanophora plagiptycha</i>	<i>Polita indentata</i> (Say).
(Shutt.).	<i>Guppya gundlachi</i> (Pfr.).
<i>Microceramus floridanus</i> Pils.	<i>Euconulus chersinus</i> (Say).
<i>Gastrocopta rupicola</i> (Say).	

Shell Key (Gomez Old Place), Lee County, Florida.

<i>Helicina orbiculata</i> Say.	<i>Gastrocopta p. hordeacella</i>
<i>Polygyra c. carpenteriana</i> (Bld.).	(Pils.).
<i>Liguus f. roseatus</i> Pils.	<i>Guppya gundlachi</i> (Pfr.).
<i>Gastrocopta rupicola</i> (Say).	

Dismal Key, Lee County, Florida [THE NAUTILUS, XXI
(1908), 100].

Opeas pumilum Pfr.

Buttonwood Key, Lee County, Florida [THE NAUTILUS, XXI
(1908), 100].

Truncatella bilabiata Pfr. *Zonitoides minuscula* (Binn.).

Watson's Place (a Key), Chatham River, Monroe County,
Florida.

<i>Polygyra c. carpenteriana</i> (Bld.).	<i>Zonitoides m. alachuana</i> (Dall).
<i>Gastrocopta rupicola</i> (Say).	<i>Zonitoides singleyana</i> (Pils.).
<i>Zonitoides arborea</i> (Say).	

Lopez Place (a Key), Monroe County, Florida.

<i>Polygyra c. carpenteriana</i> (Bld.).	<i>Zonitoides m. alachuana</i> (Dall).
<i>Gastrocopta rupicola</i> (Say).	<i>Zonitoides singleyana</i> (Pils.).
<i>Gastrocopta p. hordeacella</i> (Pils.).	

Hamilton Place, Lossman River, Monroe County, Florida.

<i>Truncatella bilabiata</i> Pfr.	<i>Gastrocopta c. peninsularis</i> Pils.
<i>Polygyra c. carpenteriana</i> (Bld.).	<i>Euglandina rosea</i> (Fér.).
<i>Thysanophora plagiptycha</i>	<i>Guppya gundlachi</i> Pfr.
(Shutt.).	<i>Zonitoides arborea</i> (Say).
<i>Gastrocopta rupicola</i> (Say).	<i>Zonitoides m. alachuana</i> (Dall).
<i>Gastrocopta p. hordeacella</i> (Pils.).	<i>Zonitoides singleyana</i> (Pils.).

Lossman's Key, Monroe County, Florida [see NAUTILUS, XXVI (1920), 20].

Truncatella bilabiata Pfr.

Chevalier Place (a Key), Chatham River, Monroe County, Florida.

<i>Helicina orbiculata</i> Say.	<i>Gastrocopta</i> p. <i>hordeacella</i>
<i>Polygyra c. carpenteriana</i> (Bld.).	(Pils.).
<i>Polygyra uvulifera</i> (Shutt.).	<i>Gastrocopta c. peninsularis</i> Pils.
<i>Thysanophora selenina</i> (Gld.).	<i>Polita indentata</i> (Say).
<i>Thysanophora plagioptycha</i> (Shutt.).	<i>Euconulus chersinus</i> (Say). <i>Zonitoides arborea</i> (Say).
<i>Gastrocopta rupicola</i> (Say).	<i>Zonitoides minuscula</i> (Binn.).

Gopher Key, Monroe County, Florida.

<i>Helicina orbiculata</i> Say.	<i>Gastrocopta</i> p. <i>hordeacella</i>
<i>Polygyra c. carpenteriana</i> (Bld.).	(Pils.).
<i>Polygyra uvulifera</i> (Shutt.).	<i>Gastrocopta c. peninsularis</i> Pils.
<i>Thysanophora selenina</i> (Gld.).	<i>Polita indentata</i> (Say).
<i>Thysanophora plagioptycha</i> (Shutt.).	<i>Guppya gundlachi</i> (Pfr.). <i>Zonitoides arborea</i> (Say).
<i>Microceramus pontificus</i> (Gld.).	<i>Zonitoides minuscula</i> (Binn.).
<i>Liguus c. lossmanicus</i> Pils.	<i>Zonitoides singleyana</i> (Pils.)
<i>Gastrocopta rupicola</i> (Say).	

THE LEAPING RAZOR SHELL.

BY JAMES SHEPARD.

In making a tour throughout the length of Cape Cod in company with my daughter, C. Antoinette Shepard, we arrived at Wellfleet, Mass., on the afternoon of August 30, 1882. We had been on the beach but a short time when we beheld a sight such as we had never before witnessed. The tide was well out, and on the bare sand some rods from the water we noticed numerous small objects leaping up into the air from place to place and in various directions. We knew of nothing which would be likely to be moving about in that manner. Making our way hastily towards them, we found that those nearest to