

Clench
1926

Euglandina, a few specimens of one of the small glassy sections.

Praticolella, quite good set.

Polygyra, infrequent, but must have quite a few.

Trichodiscina with animal, I think 2 species.

Thysanophora, *T. plagiptycha* at least recognized, on ferns about a foot above ground.

Drymaeus, only two species.

Cælocentrum, two species, I think.

I wrote you that I spotted F. & C.'s type locality of *Lysinoe humboldtiana* and found a nice electric line that goes right close by. Spent an hour at La Vesta in a torrential rainstorm and got a number of specimens of a big *Drymaeus*, but did not get out to El Desierto. I hope to be enough recuperated by the higher, drier climate of Mexico City so that I can get in some good work. I am also going to make another try for *Leptarionta guillarmodi* and *Ceres* at Cordoba if I can. I will leave Vera Cruz Sept. 11, which will get me into Philadelphia about the 20th. Hoping to see you in about a month, I remain,

Yours truly,

HORACE B. BAKER.

Care of Mexican Light & Power Co.,
Necaxa, Estado Puebla,
Ee. Un. Mexico."

SOME NOTES AND A LIST OF SHELLS OF RIO, KENTUCKY

BY WILLIAM J. CLENCH

(Concluded from p. 12)

The following is a complete list of the species obtained at Rio. Where the year is noted it designates that the species was only taken at that time. Where no yearly citation appears, the species was collected both years. This only applies to the Unionidae and Pleuroceridae, as little or no time was spent in 1925 for land shells.

I am under great obligation to Dr. Walker, Dr. Ortmann and Mr. Calvin Goodrich, who have identified most of the material.

Glenbrook Spring	Tritogonia verrucosa (Raf.)
<i>Lymnaea humilis modicella</i> (Say)	<i>Cyclonaias tuberculatus</i> Raf.
<i>Physa microstoma</i> Hald.	<i>Pleurobema cordatum</i> (Raf.) 1925
<i>Goniobasis laqueata</i> Say	<i>Pleurobema cordatum coccinea</i> (Conr.) 1925
* * *	<i>Pleurobema cordatum catillus</i> (Conr.) 1925
About the Spring	<i>Amblema costata</i> Raf.
<i>Polygyra plicata</i> Say	<i>Fusconaia subrotunda</i> (Lea)
" <i>tridentata</i> (Say)	<i>Fusconaia subrotunda kirt-</i> <i>landiana</i> (Lea)
" <i>inflecta</i> (Say)	<i>Fusconaia ebena</i> (Lea) 1924
" <i>albolabris</i> (Say)	" <i>flava</i> (Raf.)
" <i>zaleta</i> (Binn)	<i>Megalonaias gigantea</i> (Barnes) 1925
" <i>appressa</i> (Say)	<i>Elliptio crassidens</i> (Lam)
" <i>thyroides</i> (Say)	" <i>dilatatus</i> (Raf.)
" <i>stenotrema</i> (Fer.)	<i>Lastena lata</i> (Raf.) 1925
<i>Gastrocopta armifera</i> Say	<i>Lasmigona costata</i> (Raf.)
<i>Mesophix laevigata</i> Pfr.	<i>Alasmidonta marginata</i> (Say) 1925
<i>Vitrea indentata</i> Say	<i>Strophitus rugosus</i> (Swains) 1924
" <i>capsella</i> (Gld.)	<i>Ptychobranthus fasciolare</i> (Raf.)
<i>Gastrodonta ligera</i> (Say)	<i>Cyprogenia irrorata</i> (Lea) 1925
* * *	<i>Obovaria subrotunda</i> (Raf.) 1924
Green River, at Toll bridge	<i>Obovaria subrotunda lens</i> (Lea) 1924
<i>Campeloma integrum</i> (Say) ?	<i>Actinonaias carinata</i> (Barnes)
<i>Pleurocera undulatum</i> Say	<i>Ligumia recta latissima</i> (Raf.)
<i>Lithasia obovata</i> Say	<i>Eurynia vanuxemensis</i> (Lea) 1924
<i>Lampsilis anodontoides</i> (Lea) 1924	
<i>Proptera alata</i> (Say) 1924	
* * *	
Green River on the Shoals	
<i>Goniobasis curreyana</i> Lea	
<i>Quadrula pustulosa</i> Lea	
" <i>metanevra wardi</i> (Lea)	

Leptodea fragilis (L)
Proptera alata (Say)
Micromya ortmanni
Lampsilis siliquoides
1924
Lampsilis ovata (Sa)

1895—Cooke, A.
1920—Grier, N. I
1922—Jewell, M.

A NEW PE

PECTEN (CHLAMYS)

Shell compressed
flecks, darker and
zigzag markings near
flush near the umbilic
ture of the upper v
with one smaller ra
threads on each si
left wing much th
numerous low undu
in the interspaces;
byssal notch wide
tions; height of she
diameter, 7 mm.

Loochoo Islands;

This is nearest sc
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The surface has a
tained by Messrs. T
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- Tritogonia verrucosa* (Raf.)
Cyclonaias tuberculatus Raf.
Pleurobema cordatum (Raf.)
 1925
Pleurobema cordatum coccinea
 (Conr.) 1925
Pleurobema cordatum catillus
 (Conr.) 1925
Amblema costata Raf.
Fusconaia subrotunda (Lea)
Fusconaia subrotunda kirt-
landiana (Lea)
Fusconaia ebena (Lea) 1924
 " *flava* (Raf.)
Megalomnias gigantea (Barnes)
 1925
Elliptio crassidens (Lam)
 " *dilatatus* (Raf.)
Lastena lata (Raf.) 1925
Lasmigona costata (Raf.)
Alasmidonta marginata (Say)
 1925
Strophitus rugosus (Swains)
 1924
Ptychobranthus fasciolaris
 (Raf.)
Cyprogenia irrorata (Lea) 1925
Obovaria subrotunda (Raf.)
 1924
Obovaria subrotunda lens
 (Lea) 1924
Actinonaias carinata (Barnes)
Ligumia recta latissima (Raf.)
Eurynia vanuxemensis (Lea)
 1924

- Leptodea fragilis* (Raf.)
Proptera alata (Say)
Micromya ortmanni Walker
Lampsilis siliquoidea (Barnes)
 1924
Lampsilis ovata (Say) 1925
Lampsilis ovata ventricosa
 (Barnes)
Truncilla truncata Raf.
Dysnomia triquetra (Raf.)
 1925

BIBLIOGRAPHY

- 1895—Cooke, A. H. Camb. Nat. Hist. Mollusca.
 1920—Grier, N. M. NAUTILUS, Vol. XXXIV.
 1922—Jewell, M. E. Ecology, Vol. III.

A NEW PECTEN FROM THE LOOCHOO ISLANDS

BY W. H. DALL

PECTEN (CHLAMYS) SMEGMATUS n. sp.

Shell compressed, glistening, whitish above with reddish flecks, darker and more crowded distally; a few opaque white zigzag markings near the umbo; lower valve white with purplish flush near the umbo and reddish margin on the wings; sculpture of the upper valve with nine low subangular whitish rays with one smaller ray in the interspaces with one or two small threads on each side of it; wings nearly smooth, oblique, the left wing much the largest; sculpture of the lower valve of numerous low undulated riblets with one or two small threads in the interspaces; the sculpture grows feeble toward the umbo; byssal notch wide and deep, ctenolium with eleven denticulations; height of shell, 33; width of shell, 30; of hinge-line, 17; diameter, 7 mm.

Loochoo Islands; Coll. Thaanum, No. 9455.

This is nearest some of the forms of *Pecten squamosus* Gmelin, but has a different sculpture with no indication of raised scales. The surface has a greasy sheen. A single specimen was obtained by Messrs. Thaanum and Langford, during their collecting trip of 1925.

SOME NOTES AND A LIST OF SHELLS OF RIO, KENTUCKY

WILLIAM J. CLENCH

Kent Scientific Museum, Grand Rapids, Michigan

Rio is a small settlement, located on the north bank of the Green River, Hart Co., Kentucky, between 30 and 40 miles upstream from Mammoth Cave.¹ During the past two seasons, collections were made at this place, as conditions were very favorable for molluscan life. On the first trip, in 1924, considerable time was spent collecting land shells, as we reached Rio about the first of August when conditions were at their best. On the 1925 trip we did not reach this place until the latter part of September, and after an abnormally dry summer, which was rather unfavorable for land-shell collecting.

This particular section of Kentucky is in the physiographic region designated as "The Knobs," a narrow belt of land which entirely surrounds the bluegrass region except on the north. The Knob Region is characterized by isolated hills, usually steep-sided, well forested and containing many springs and creeks. Outcrops of limestone cover their sides, and many of the highest hills are capped with sandstone. They are not very high but lend a picturesque feature to the landscape so noticeable after leaving the rolling bluegrass region. The upper tributaries of the Green River have their rise in The Knobs and the river itself skirts the southern edge for quite a distance. At Rio the river reaches quite a good size, with long stretches of slack water broken at irregular intervals with gravel and stony riffles.

On both trips the collecting was confined to the vicinity of Rio, not extending more than one-half mile down stream from the toll bridge and only a short distance above it. About an eighth of a mile north of the town Glen Brook Spring is located, whose waters have been dammed to run a small power plant. The capacity of the spring is considerable—nearly sufficient to fill a three-foot pipe leading to the power plant. All

¹See "Vagabonding for Shells," *NAUT.*, Vol. 38, 1925, 133.