

stamineum. Twenty-two specimens from three localities show very little variation.

I take great pleasure in naming this variety in honor of Prof. S. A. Forbes, Director of the Illinois State Laboratory of Natural History.

LIST OF WISCONSIN SHELLS.

C. H. CHADWICK.

(Continued)

C. FRESH-WATER UNIVALVES.

Carychium exiguum Say. Milwaukee.

“ “ *exile* H. C. Lea. Milwaukee.

Limnæa stagnalis appressa Say. Menomonee River; Oak Creek near South Milwaukee; Okauchee Lake and Delafield, Waukesha Co.; Two Rivers, Manitowoc Co.; Lake Winnebago near High Cliff.

“ *columella* Say. Mill-pond at Delafield, Waukesha Co.

“ *megasoma* Say. Molas Creek, Manitowoc Co.

“ *reflexa* Say. Milwaukee and vicinity (abundant); Oak Creek, South Milwaukee; Sand Ridge Creek, Kenosha Co.; Delafield, Waukesha Co.

“ *palustris* Müller. Vicinity of Milwaukee; North shore of Lake Winnebago. (“*Var. michiganensis*” Walker is included).

“ *catascopium* Say. Lake Michigan at Milwaukee.

“ “ var. approaching *L. emarginata* Say. Lake Mich.

“ *caperata* Say. Vicinity of Milwaukee; Lake Winnebago.

“ “ *umbilicata* Adams. Milwaukee and southwestward; Sand Ridge Creek, Kenosha.

“ *humilis* Say. Milwaukee (scarce).

“ *desidiosa* Say. Milwaukee and vicinity (abundant); Two Rivers, Manitowoc Co.; North shore of Lake Winnebago.

Planorbis trivolvis Say. Milwaukee (common); Delafield and Okauchee, Waukesha Co.; Two Rivers, Manitowoc Co.

“ *trivolvis* (large form). Molas Creek, Manitowoc Co.

Planorbis bicarinatus Say. Milwaukee and vic.; Golden Lake, Waukesha Co.; Little Cedar Lake, Washington Co., Lake Winnebago.

“ *bicarinatus striatus* Baker. Milwaukee (fossil).

“ *campanulatus* Say. Milwaukee and vicinity (common); Delafield, Okauchee and Golden Lake, Waukesha Co.; Little Cedar Lake, Washington Co.; Two Rivers, Manitowoc Co.; Crystal Lake near Elkhart Lake.

Planorbis hirsutus Gould. Two rivers, Manitowoc Co.

“ *deflectus* Say. Vicinity of Milwaukee; Cedar Lake, Washington Co.; Two Rivers, Manitowoc Co.

“ *parvus* Say. Milwaukee and southwestward.

Segmentina armigera Say. Milwaukee and southwestward; Two Rivers, Manitowoc Co.

Ancylus rivularis Say. Root River, Milwaukee Co.

“ *paralellus* Hald., var. St. Martin's, Milwaukee Co.

“ *shimeki* Pils. Near Wauwatosa, (one shell).

Physa sayii Tappan. Milwaukee; Golden Lake, Waukesha Co.; Lake Winnebago near High Cliff.

“ *gyrina* Say. Vicinity of Milwaukee and southwestward (abundant;) Sand Ridge Creek near Kenosha; Two Rivers, Manitowoc Co.; Lake Winnebago.

“ “ *elliptica* Lea. Vicinity of Milwaukee.

“ *integra* Haldeman. Milwaukee and vicinity (common;) Golden Lake, Waukesha Co.

Aplexa hypnorum Linne. Milwaukee.

Pleurocera subulare pallidum Lea (?) Lake Winnebago near High Cliff.

“ *elevatum* Say. Milwaukee River at Lindwurm.

Goniobasis livescens Menke. Milwaukee River and Lake Michigan.

Amnicola limosa Say. Milwaukee River; Lake Michigan; Lake Winnebago near High Cliff.

“ “ *parva* Lea. Near Milwaukee.

“ “ *porata* Say. Lake Michigan at Milwaukee.

“ *lustrica* Pils. Honey Creek near Layton Park, Milwaukee.

“ *cincinnatiensis* Lea. Milwaukee and Menomonee rivers; Lake Winnebago near High Cliff.

“ *emarginata* Küster. Lake Winnebago near High Cliff.

Somatogyrus subglobosus Say. Root River and Kinnikinnick River, Milwaukee Co.; Kenosha; Lake Winnebago.

Pomatiopsis lapidaria Say. Near Wauwatosa, Milwaukee Co.

Valvata tricarinata Say. Milwaukee and vicinity (abundant); Lake Winnebago.

“ “ *simplex* Gould. Lake Michigan at Milwaukee

“ *bicarinata normalis* Walker? North Milwaukee.

“ *sincera* Say. Near Milwaukee.

Vivipara contectoides W. G. B. Kinnikinnick River (one shell.)

Campeloma rufum Haldeman. Okauchee Lake, Waukesha Co.; Little Cedar Lake, Washington Co.; Lake Winnebago.

“ *decisum* Say. Milwaukee and vicinity; Root River, Milwaukee Co.; Two Rivers, Manitowoc Co.; Lake Winnebago.

“ *subsolidum* Anth. Milwaukee and vicinity; Oak Creek, South Milwaukee; Molas Creek, Manitowoc Co.

Lioplax subcarinata Say. Kenosha; Lake Winnebago.

NOTES.

In the May number of the NAUTILUS in an extract from Bulletin 49, Florida Agricultural Experiment station, the writer stated that he did not know how long the Manatee snail (*Drymæus dormani*) had been living on orange trees in Manatee County.

I lived in that county near Bradentown from 1882 until 1886, and during all my residence there diligently collected the land, fresh-water and marine mollusks of that region. During my residence there I collected *Drymæus dormani* in moderate numbers living on the orange trees of a grove in hammock land west of Bradentown, and rarely on trees in a grove north of Manatee river. I also found a few specimens in the Foster Orange Grove south of Manatee. I found several hundred dead shells in the heavy hammock among live oaks north of the Manatee river, and rarely in the air pines on live oaks elsewhere, but I never considered it abundant anywhere.

It may be of interest to state that Mr. E. J. Brown, a neighbor of mine, has found a few specimens of the nearly allied species (*D. dominicus*) living on his grapefruit and orange trees, and two or three specimens of *D. multilineatus* on his trees. *Drymæus dominicus* is rather a scarce species in this region. CHAS. T. SIMPSON.

Little River, Florida, May 21, 1906.