

MARL SHELLS FROM COBALT.

The following species were found in a small lot of marl from Cobalt, recently received from Mr. George H. Clapp, of Pittsburg, Pa. Though not extensive, it is of interest, not only as from that locality, but for comparison with the shells from similar deposits in Michigan and elsewhere.

I am indebted to Dr. V. Sterki for the identification of the *Pisidia* and the notes accompanying them.

Zonitoides arborea Say. Apparently recent.

Pyramidula cronkhitei anthonyi Pils. Apparently recent.

Physa heterostrophia Say.

Planorbis bicarinatus striatus Baker. The specimens are not only spirally lineate, but also transversely corrugated, very like the var. *corrugatus* Currier.

Planorbis campanulatus Say.

Planorbis exacuus Say.

Planorbis parvus Say.

Planorbis deflectus Say.

Planorbis hirsutus Gld.

Ancylus parallelus Hald.

Valvata tricarinata Say.

Sphaerium simile Say.

Sphaerium striatinum Lam.

Musculium securis Prime.

Pisidium kirklandi Sterki. "Like typical examples, but with finer striae."

Pisidium contortum Prime.

Pisidium rotundatum Prime.

Pisidium noveboracense Prime. "Small."

Pisidium mainense Sterki. "Striae extremely fine and regular."

Pisidium medianium Sterki. "Small."

Pisidium pauperculum Sterki. "Small."

Pisidium tenuissimum Sterki. "Small."

Pisidium vesiculare Sterki. "A small northern variety, seen from Canada and Minnesota, very oblique and shape different from that of the types."

Pisidium scutellatum Sterki. "Small, juvenile."

"Not a specimen was seen that might be referred to *P. abditum*."

"It is interesting to note that most of the species are represented by small, and, in some cases, specifically northern forms especially that of *vesiculare*. *Scutellatum*, if mature, would probably show the same."

BRYANT WALKER.