

*Platyceras minutissimum* Walcott (Pam. in advance 32d Rep. N. Y. State Mus. Nat. Hist., 1880), from the Upper Cambrian (Potsdam) horizon, is a small shell related to *P. primævum*. It differs in having stronger surface striæ, a more prominent dorsal ridge, and the whorl larger and more prominent.

*Formation and locality.*—Middle Cambrian, Georgia group. In the conglomerate limestone on the ridge east of the city of Troy, New York, and at Bic Harbor, below Quebec, on the St. Lawrence River, Canada.

#### PTEROPODA.

It is with considerable reservation that I place the genera *Hyolithes* and *Matthevia* under the Pteropoda. The genera *Conularia*, *Hyolithellus*, *Coleoptrion*, *Coleolus*, *Hemiceras*, *Salterella*, *Pterotheca*, *Phragmotheca*, *Matthevia*, and perhaps *Palænigma* form a group that, although representative, in a measure, of the recent Pteropoda, differ in other respects so much that it appears as though a division of the Gasteropoda equivalent to the Pteropoda might be consistently made to receive them.

The following families of this group occur in the Paleozoic:

<b>Hyolithellidae.</b>	Hyolithes. Hyolithellus. Hemiceras. Coleoptrion. Coleolus. Camarotheca. Diplotheca.
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<b>Tentaculidae.</b>	Tentaculites. Styliola.
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<b>Conularidae.</b>	Conularia.
<b>Salterellidae.</b>	Salterella.

<b>Mattheviidae.</b>	Matthevia. <i>Palenigma</i> ??.
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<b>Pterothecidae.</b>	Pterotheca. Phragmotheca.
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#### Genus HYOLITHES Eichwald.

*Hyolithes* Eichwald, 1840. Sil. schicht. Syst. in Elstl., p. 97.

*Theca* Sowerby, 1845; *Pugilunculus* Barrande, 1847; *Vaginella* d'Orbigny, 1850.

Mr. Hall gives a history of this genus and a list of American species placed in it (Pal. N. Y., vol. v, pt. 2, pp. 191-195, 1879). Grouped opposite Potsdam sandstone we find *H. excellens*, a Lower? Cambrian species from Newfoundland, and the following from the Middle Cambrian, Georgia Formation: *H. Americanus*, *H. communis*, *H. Emmonsi*, *H. impar*, and *H. princeps*; and from the Potsdam sandstone, or Upper Cambrian, *H. gibbosus*, *H. gregarius*, and *H. primordialis*, a total of nine species from the Cambrian System.

Since that publication a number of species have been described, and