

The external molds of the striae are crenulate. It was found in the Lower and Upper New Scotland and probably in the Becraft.

***S. leavenworthana* Hall**

A single specimen was found and this in the lower part of the Port Ewen. This is strongly geniculate toward the front of the shell, while the posterior portion, after a slight depression at the geniculation rises but little over low concentric wrinkles to the umbo.

***S. punctulifera* (Conrad)**

Usually occurs only as external and internal molds. The brachial valve of this species is deeply concave at the umbo but becomes strongly geniculate toward the front. The puncta are usually poorly preserved. It occurs, but in moderate abundance, in the Coeymans, Upper New Scotland and Port Ewen; one specimen represents it in the Becraft.

***Orthothetes woolworthanus* Hall**

Hall describes the surface of this as being covered with fine, rounded striae.¹ It is a rare species and is represented in our collection by several specimens from the New Scotland and Becraft. One well preserved brachial valve, measuring 28mm by 34mm, is flattened in the region of the umbo but becomes quite convex toward the front. The surface is covered with numerous, very fine, rounded, radiating striae.

***Orthis* sp.**

In the Lower Oriskany several specimens of a large *Orthis* were found but they were all too poorly preserved for identification; they much resembled *Rhipidomella musculosa* (Hall).

***Chonetes hemisphericus* Hall**

Quite abundant in the Onondaga. The specimens agree very closely in average size, convexity and striae with those described by Hall.²

***C. hudsonicus* Clarke**

Several specimens from the Lower New Scotland are referred to this species. One of medium size measures 9mm by 15mm by

¹Weller speaks of the striae in the New Jersey specimens as angular. Geol. Sur. N. J. Paleontology. 3:278.

²Pal. N. Y. 4:118, pl.20, fig.6a-d.