

S. cyclopterus occurs very abundantly in the Coeymans and Upper New Scotland; it is found less frequently in the Lower New Scotland and Becraft. The Coeymans specimens are more compressed laterally than the majority of those from the New Scotland. The latter ones have the plications more angular also, thus partially approaching *S. murchisoni*.

S. concinnus Hall

Exceedingly abundant in the Becraft. It differs somewhat from the type description.¹ The number of plications on a shell of average size is less than that given by Hall. The following table will give an idea of the comparison in the pedicle valve between Hall's figures, specimens measured from Becraft mountain, New York, from Schoharie, New York and from Trilobite mountain.

LENGTH	WIDTH	NUMBER OF PLICATIONS	
<i>Hall's figures</i>			
25	34	12	From the New Scotland, called by Hall a large shell.
21	22	14	From the Becraft. This Hall calls large.
12	13	8	From the Becraft.
10	13	6	From the Becraft.
<i>Specimens from Becraft mountain</i>			
21	24	9, 10	A large specimen.
13	18	8	
15	22	9	The average size
<i>Specimens from Schoharie, New York</i>			
27	31	13	Probably from the New Scotland.
28	29	11	Probably from the New Scotland.
<i>Specimens from Trilobite mountain, New York</i>			
25	30	12	Large specimens.
17	24	8-10	Average specimens.

¹Pal. N. Y. 3:200, pl. 25, 28.