

86 <i>Spirifer vanuxemi</i> Hall		102 <i>Uncinulus</i> sp.
89 <i>Stropheodonta varistriata</i> (Conrad)		

D1g Alternating coarse and fine grained limestone. . . . 32 inches

6 <i>Favosites helderbergiae</i> Hall r		103 <i>Whitfieldella?</i> nucleolata (Hall)
86 <i>Spirifer vanuxemi</i> Hall r		146 <i>Leperditia alta</i> (Conrad) c
89 <i>Stropheodonta varistriata</i> (Conrad) r		

D2 *Favosites* bed. From one to several inches below the base of this bed is a shale seam from  $\frac{1}{8}$  to  $\frac{3}{4}$  inch in thickness; but above the seam the lithic character of the rock is the same as beneath it, that is, a fine grained dark blue limestone similar to the lower portion of D1a. This extends up between the heads of the *Stromatopora* and *Favosites* which suddenly become very numerous. . . 3 feet

This bed is subdivided as follows:

D2a This is made up almost entirely of masses of *Stromatopora* and *Favosites*; the interspaces between these are filled with a fine grained, dark blue limestone. *Stromatopora* individuals are greatly in excess of all other fossils. Specimens of *Favosites* partially surrounded by *Stromatoporoid* growths and vice versa are quite common. This layer is specially noticeable when weathered; the concentrically wrinkled laminae of the hydrozoon stand out then very conspicuously. The *Stromatoporoid* masses vary in diameter from 2 to 9 inches. . . . . 9-10 inches

The following fossils were found:

2 <i>Stromatopora concentrica?</i> Goldfuss C		7 <i>F. sphaericus</i> Hall C
6 <i>Favosites helderbergiae</i> Hall C		9 <i>Zaphrentis roemeri</i> Edwards & Haime r

D2b First crinoidal bed. The rock is coarse grained through the presence of very many crinoid joints. No *Stromatoporas* were noticed here, but *Favosites* is still present, though in greatly diminished numbers . . . . . 1+ foot

7 <i>Favosites sphaericus</i> Hall C		89 <i>Stropheodonta varistriata</i> (Conrad) r

D2c A fine grained limestone very similar to D2a. Where this layer is absent it is represented by a weathered line of separation.