

F2d Second crinoidal bed. This is lithologically similar to D2d 1 foot

The following fossils were found:

- | | | |
|--|--|---|
| 2 <i>Stromatopora concentrica?</i> Gold-
fuss r | | 6 <i>Favosites helderbergiae</i> Hall C
7 <i>F. sphaericus?</i> Hall |
|--|--|---|

F2e Iron stain. Though other iron stain lines are noticeable at intervals, one can not mistake this one as it is the most continuous and most pronounced.

With the exception of *Whitfieldella? nucleolata*, brachiopods seem to be entirely wanting in the *Favosites* bed, but immediately above they are very abundant. This is the more notice-

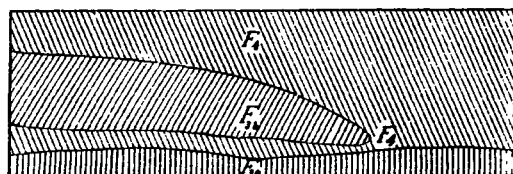


Fig. 6 Diagram of section F

able since the lower part of F3 and the upper part of F2d have the same lithic characters and often weather as a single bed.

F3 An alternation of coarsely and finely crystalline limestone. Coeymans 1-7 inches

The following is a list of the fossils found here:

- | | | |
|--|--|--|
| 6 <i>Favosites helderbergiae</i> Hall C
12 <i>Lichenalia torta</i> Hall c
23 <i>Atrypa reticularis</i> (Linnaeus) r
45 <i>Gypidula galeata</i> (Dalman) c | | 89 <i>Stropheodonta varistriata</i> (Conrad)
90 <i>S. varistriata var. arata</i> Hall
94 <i>Strophonella punctulifera</i> (Conrad)
102 <i>Uncinulus sp.</i> |
|--|--|--|

This bed is subdivided as follows:

F3a A coarsely grained limestone mostly composed of crinoid joints, which seems to be a modified continuation of F2d. A few brachiopods were noticed 1-3 inches

F3b This is of the same lithic character as F4 and doubtless represents the beginning of the latter bed, but the conditions changing brought the typical F3 sediment in again, for at the northern end of the quarry, F4 rests on F3a but as we follow F4 southward, we find it penetrated by a more coarsely grained layer which at the southern end of the quarry attains a thickness of 3 inches. This is represented in the preceding figure [fig.6] 1-3 inches