\( c = \text{Carboniferous} \quad D = \text{Devonian} \quad \hat{q} = \text{Silurian} \)
Skelete

Cross section—Old notebook, pp. 47, Copy sketch. [19]

Cliff at mouth of Upper Hand Cove, p. 15.

Return across Chinese Valley, note h. 68+60.

Lyme p. 68.

Lava beds, note h. 100-102.
Illustrations

Permian - Unconformity 3 "
strata 2 "
Canyon above 2 "

Pre-Cambrian
Skolithos, No 5, 17, 18, 19, 20
Radish bed

Section of white cliff

from N of Kendall's Cove

Aug 25, 1878
Pg 74. Notebook.
Acting having the thinning out of the Upper Permian and the Shinarump conglomerate against the more highly inclined Permian strata beneath, the Permian cliff is introduced although concealed by debris in the immeasurable line of the section.
Sketch of Crossbedding etc. with lines of cleavage running at right angles to the lamination of the strata.

Base of Red beds

Base of Cliff.

This is seen in the White Cliff at a certain point, and also in the light-colored sandstone beneath.
Section 11. - Ideal section of the position of the strata on the line of sections 4, 5, 6, etc., before the breaking of the monoclinal fold, portions of which are preserved by the Tonto sandstone in sections 5 and 6.
Section 17

The East Kaibab Displacement may have begun at the same time as the Hurricane movement or the latter continued throughout Paleozoic time. It is probable that the era of the deposition of the Permican was one of slow movement of the sea bed. Elevation and depression are shown by one strongly marked unconformity by erosion in the lower portion of the Upper Permican. The sediments are mostly detrital in characteristic ripple marks and other indication of a littoral
been as well, in the future north of the Shinarump cliffs 1½ miles southwest of Kanab, Utah.
Section 10.— Sketch of the east side of the Grand Cañon, opposite the mouth of Chuar brook. The displacement of the massive lower Tonto sandstone is distinctly shown: also the butte fault and the arching of the Upper Tonto strata over it in a simple monoclinal fold.
Section 10: Sketch of the east side of the Grand Cañon, opposite the mouth of Chuar brook. The displacement of the massive lower Tonto sandstone is distinctly shown: also the butte fault and the arching of the Upper Tonto strata over it in a simple monoclinal fold.
Cliff nine miles S.W. of Kanab,
half a mile W. of Dunderberg Butte;
Bearing, W., distant 600 yds.
Showing Plane of Unconformity by Erosion between
the Shinarump Conglom. and the Permian.
Middle Butte:—
Bearing S.W., distant 500 yds.

Southern Butte:—
Bearing E., distant 600 yds.

Middle Butte:—
Bearing N.N.E., distant 500 yds.

Sketches of the Three Buttes 11 miles S.W. of Kansas, showing Unconformity by Erosion.

9/7/82.