

0014

1939

Sept. 19. with Bridge

Left Wash DC 5:45 on Capitol Limited

September 23

~~See field notes...~~

1. Forks of Logan Canyon about
 1/2 mi on road. Fossils from 25' above
 Garden City at base (top). Fossils
 from 25-45' above. Heavy ledge
 these are lower than Peak and
 same transitional to the Garden
 City.

2. West of Garden City at ①
 Heavy massive lower with
 heavy massive
 by stream. Fork of
 Pickensville. Up ridge
 opposite base of No. 149. Over
 for section No. 3.

Over

St. Charles
 thin bedded
 limestone
 fossiliferous
 Anorthite
 Worm Creek

Aphecorthin + Pectinobolus

50'

"Opilids"

Trilobites
 small middle

Hebertonites

about 30'

Hebertonites

80' upper part
 of Hebertonites

Green Forks 15'

according to Davis
 840

100'

Sept. 26.

Spent day at Lone Mtn. Drove into mountain by guide road. Drove clear on to Alburian outcrop. Went up over Devonian to see Nevada limestone. Nevada limestone best exposed just NW of westernmost saddle between Alburian and Dev. Lower Nevada for 3 or 400 feet is thin bedded and fossils shell out of it easily. In the lower part at the saddle *Mitospira* occurs. Then follows the Chert with straight ribs. Above come large *Schizophoria*, and *Sypnoida* "conius".

Upper Nevada highly lumpy bedded dolomite.

In afternoon worked on Pogonip at southwest base of Lone Mountain. In the upper 75' some many fossils, *Ammonitites*. At 75' below top occurs *Besseyella*. *Mitospira* at 160' below top, *Hesperonema* at 235'. *Receptaculites* was seen in place 10'-20' above *Mitospira*.

On Aug. 30, 1946 I measured with 27° dip, 200' from Desmorthus to base of Eureka. 150' from *Receptaculites* to 'Desmorthus', estimated 50' from *Mitospira* to *Receptaculites*. Figures for 1939 are wrong.

Sept. 27.

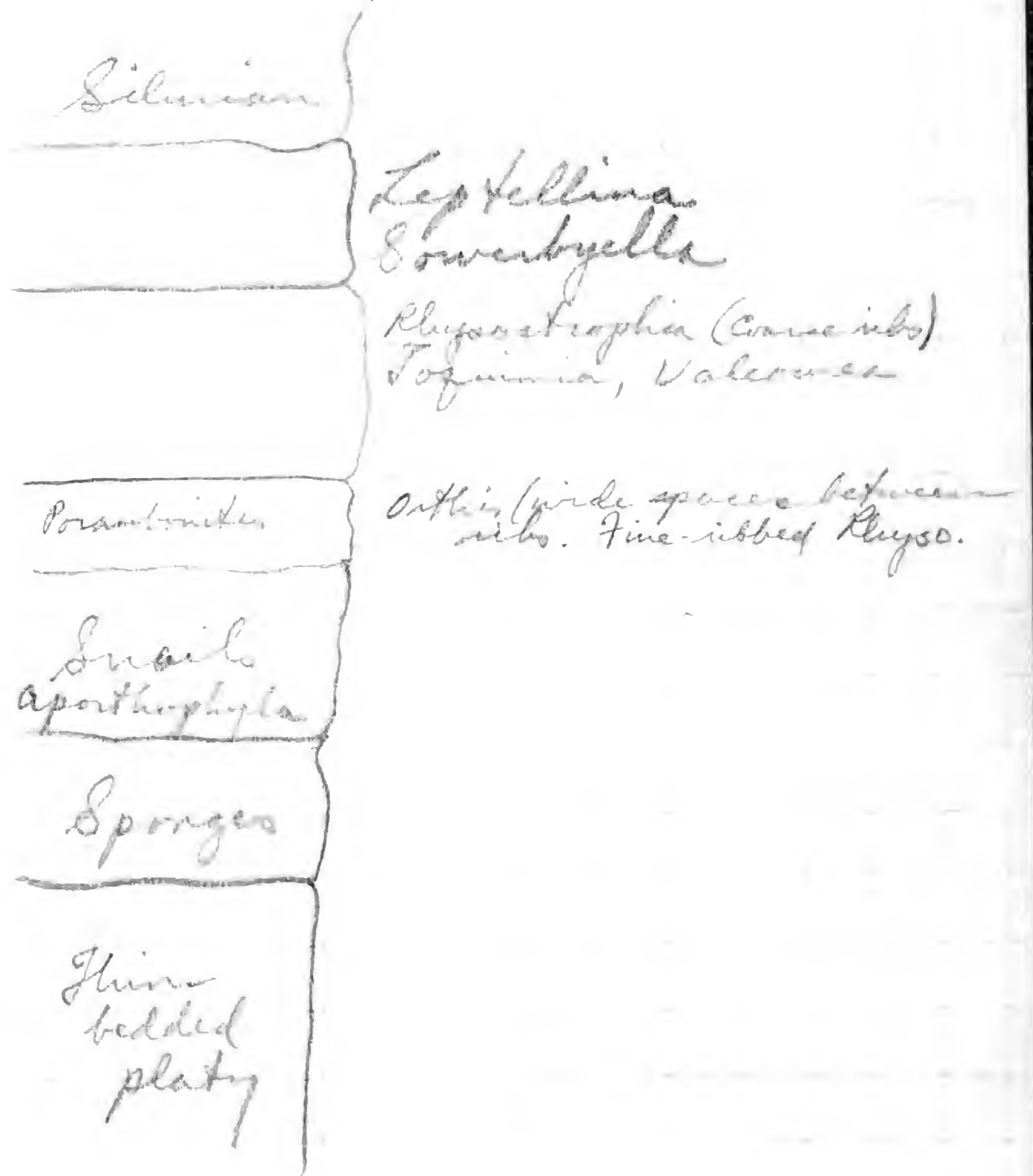
On ridge between Sierra & Woodside
Canyons west of Oswego Mine. Upper
Pogonip faulted against E. Lower part
section shows two zones of Deanorthia
about 20-30 feet apart. Above Deanorthia
comes 100 feet or more containing
Anomalothus, Bryozoa and other
upper Pogonip species.

In afternoon because of rain to
south went to Devils Gate. Here
on north side Gate above thickest
ledge of ls. containing corals occurs
plant, dark limestone containing
Pugosia, Leontopodium, Cyrtospira,
Schizophoria, Rhipidomella, Schuchkella

Sept. 29, 30.

Elkes Canyon

Sequence in brachiopod beds at top of Canyon



October 5.

Following sequence of brachiopods
seen at saddle between Silurian
and Devonian on Lone Mtn.

Gypidula, large Schizophoria
Chonetes Macrostrata?
Meristella, Mucrospira

October 6 - Antelope range visited
by going down west side monitor
range past Curuti Ranch to
intersection with road from east side
3.1 miles north on road on east
side Antelope range is a well-
defined road leading into a
small canyon. Entrance to
canyon marked by platy ls., possibly
E. Pogon in life at head of main
canyon and in lateral canyons
to north + south. Good collecting
near head of side canyon to
north. Sand beds also exposed
at base of mtn. 1/3 mile north of
this canyon. There Archacorthis is
abundant.

October 8

Visited ridge east of Frenchman flat. Mottled zone has above heavy bedded limestone, is probably about 150 feet thick. Consists of fairly thin bedded limestone beginning with trachypod bed. Above that comes thick bed of massive limestone perhaps 200 feet thick crowded with Maclureites and large Receptaculites in the lower part and Mitrospira above. Above this rock are blocks of quartzite. About 5' below Eureka quartzite occurs Orthidella and Strophomena suggesting Anomalorthis zone. Eureka consists of a thin quartzite followed by limestone, then a thick bed of quartzite. The limestone bed between the quartzites is not well preserved was suggesting Fossites.

Bedded bed is exposed on south side of a canyon and along the cliff facing west on the north side of the canyon. The upper forming south wall of canyon is offset from main cliff with dip SW and small isolated mass exposing only trachypod bed and Receptaculites bed. On north wall canyon dips are to SE.

Mitrospira

Receptaculites

Orthidella

