Field notes and maps from Glass Mountains, West Texas, 1956

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Glass maths, 1956
with C.O. Dunbar
August
1952
Aug 18, 1956

Visited Windmill Hill and studied knobs at base. These are thought by Duncan & Coleman to be slumpeds. This would eliminate any Wolfcamp markers low in this Chalk. And matters of fact, according to the views expressed there would be no Wolfcamps here unless it be the 40 or 50' at age 61 + 55 beneath the Shaebachella ledge. The upper beds of the Shaebachella belong to the 1 of the Leonard and are full of the small fossilic Shub bentella.

Aug 19.

Leonard Mtn. - Large knob in southeast angle of mountain is now thought to be a slumpmed block. It has dips of about 45°. The Uddenites shale seems to be OK but may be lower in the Pennsylvanian. Than Uddenites, Jepsonite from 750' knob to base of big conferegeate were thought by Slikman to be of Baptiste age.
Shubertella f. Leonard 12. #1?
yellow shale
Scabriella f. agl.
cgl., ch. r. m. 52

As with Shubertella & Scabriella
shelly form above
Aug 21

An oldenite saddle in Wolfcamps hills Bed 2 on N side saddle is about 25'. Bed 4 appears on both sides saddle opposite first gully to N up canyon. Stop of bed 2 and conglomeratic base of bed 4 come together. My collection seem to them top of bed 2 but may be in reddly 4. Base of 4 all along is congl.
with rounded 1.5. Pebbles, just above (E) of ravine from N.
Between 6+2 shallow asphalt, at entrance 4-6 ravine from S.
The bed 2 is seen the bed of the canyon forms a cascade.
At mouth of 5 ravine, 7 and 4 is about 10'.
4 goes east on N side of ravine. Rounded surface
At bed 2 forms a wall of South gully. Up south gully
while turning to go east, grizzly cut along abrupt face of bed 2.
The shale between 2 + 4 thickening considerably.

N down slope from end of 4
in ravine long slope goes
then shale 4 is tagged to
bed 9. Dry slope of hill 4 bend
of canyon is mostly in and
above 9. Biochemical horizons
as lenses appear scattered over
surfaces.
The biochemical lump has many
fringe algae.
Bed 9 crosses stream exactly
at the elbow of the canyon.
At this point there are two
limestones, the lowest about 4'
Thick, then about 10' of shale
followed by another also
about 4' thick.
Bed 4 is in stream 105 paces down from lower edge of bed 9.

In bed 4 at E-W gully on long slope saw a fine strip bedded in surface. My schistose beds are definitely in part of 4.

Bed 4 varies greatly in thickness has bichisms in it and varies in distance above bed 2.

The shale between 4 + steably sloping 2 is cut out to form tri-ravines.

Section up W side of north ravine. Dip used is 10°.

2 dL 23 steps at 10°+2' all in shale w/ possible limestone; lenses = 12".

3. yellow weathering limestone; granular conglomeric, bioherm about 3' thick at trim place; this would be base of bed 9 at hill to west.

4. Shale about 10' thick with one thin lo 3-4" thick about 2' from base.

5. Coarse, granular lo., about 1½' thick - 3'.

6. Shale w/ scattered lo.; lenses + biohermal masses. Properrinites. Top w/ cobbly
limestone abounding in big fusulines at very top 4 1/2"  
7. Granular, yellow weathering  
   ls. with Part linneensis 5' 1"  
8. Shale about 4'  
9. Limestone, granular orange yellow 1'  
10. Shale 20' with 4" layer of yellow ls. at sand-like  
11. Granular limestone, flat-topped  
   10'-1 1/2' thick  
12. Shale 8'  
13. Yellow granular ls. 1/2'-1' thick  
14. Shale 18' but thin 2-3" ls. one to 2' above base  
15. Finestone platy 6"-9" thick  
16. 25' of shale with thin yellow ls. scattered in it  
17. Finestone with small rounded ls. pebbles, about 9"  
18. 31' shale  
19. Limestone granular, broken.
Six feet thick when measured but thinning or thickening laterally.

20. Shale 331.

21. Limestone, granular, yellow, one foot thick, fine line through.

22. Yellow Wolfcamp float in Hess cobble, suggests an additional 10-15' of section.

On west side of waddensite the bed 9 alco forms a double tier and many bioclines appear to complicate the situation. What we call bed 10 appears down the slope to the north of bed 9 and never makes a cliff or ledge. All my collections should be labelled 9-12 or given some other designation. It would be best to call all collections from 701d Upper Wolfcamp rather than bed 12. I would guess that part of the section to be moist above bed 12.

My 701d is certainly in bed 2 and is about 200' below top of hill. At base of slope at 701d bed 2 is
is slow on the flank of the hill, perhaps 25'-50' above
floor of recessant. From the
Top of 2 1/2 bed four there
must be 50-60' because
the interval spreads out
widely and includes a sandstone
bed of a foot or two thickness
as well as some other
limestone.

Aug 23

Visited Hess Ranch to see
Word/limestone. The limestone
consist of a beds, one a thick
heavy bedded limestone
below a brohemal limestone
in which colonial tetraconals
are fairly common. Brachopods
are rare. Collected two
blocks from two places along
this slope.
Block -
Deerie Windmill
705 A
Wolfe A 301K
Wolfe C 701
707 K
709 C
206 6
Aug 23
706 F

With one lot shipment came to 2057 pounds.