

Aug. F. Fow

Pat. No. 1071 Boundary

1.

Just south
of
about 2 1/2

2.

1.

1/2 inch
left of ground
to
to
to
to
to
to
to
to
to
to

Along road to Fly, about
1 mile from Fly,

Large phosphatic nodules,
½ ft greenish sandy rock with very
4½ ft. Black shale
1 ft. of sandstone

J. C. Baker, ½ mi. S. of Fly,
at spring up hollow SW of road
Here the Black shale is
exposed with its sand-
stone base resting on
what I consider Ordovician,
quartz limestone.

Whist. Dr. Skelley, less than
½ mi. from Fly,
Black shale.

17 feet not exposed.

13 feet limestone, Clinton, white.

25 feet not exposed.

? Leiper's Creek limestone in stream
bed. No certainty about this
being Carter's creek.

In Clinton is

Halyrites catenulatus
Favosites favosus Large

Left side of stream.

W of R. S. clam. down stream.

5½ feet Black slate,

1 foot sandstone.

16 feet to base of sandstone.

top of solid limestone exposure
large *Orthis* common to

32 ft. from clayey limestone with

Underlying this up stream

is Clinton with *clark* &

triplexiana

The *Aspord* is replaced
by clayey limestone weather-
ing better than limestone
above. = *Lanval*.

The *Aspord* contains
the numerous specimens of
Orthis.

Country *Aspord* as
10 feet, at least 5 feet
of preceding section
belongs to top of *Aspord*

9

Same as last.

5½ feet Black shale.

1 foot sandstone.

14 feet of limestone,

? 2 feet of clay poorly exposed.

27 ⊕ feet of *Lanval* limestone.

10 feet of clayey limestone
with *Orthis*. = *Aspord*

32 Clinton with *Stricklandinia*
triplexiana.

Mr. B when used to live
just across the stream.

About 2 miles from last locality
is road leading S to Gaskill's
Brand road to Santa Fe. Here
the *Lanval* is quarried for making
new road bed to Santa Fe. fine
road.

25
4.5
14.25
17.00
22

25
4.5
14.25
17.00
22

Ort. Well below Tom Fox
house,

6 ft Ozgood.

17 feet with chert nodules

sites near top

13 ft. white limestone Halys.

14½ feet not exposed

Leiper's Creek limestone

Believed to be Ordovician

Known to be so at least for

4 feet and the interval

between the Leiper's creek

bed and the Silurian

invaries southward

from Tom Fox when they

touch to Oil Well.

Just before reaching road turning
south east after passing Tom Fox
house.

Clinton nearly full
section, high up in bluff
Halysites.

Clayton Jarrett's house, owned
1¾ miles west of Theta.

¾ miles from Leiper's Creek.

Just below this house is Black
Shale or Ordovician.

Pete Thompson. Below his
house is Black shale or ^{phosphatic sand = 15 in.} Clinton

about 3 feet of soft clayey limestone

Halysites et al are considered as

Ozgood.

Clinton cherty, complete

section, cherty to top, with

Halysites common.

On road leading south down the
ridge opposite the road to Pete
Thompson.

Black shale. (a little chert at top)

Clinton. 15 feet. Forams to Grolland.

4 ft green clay 1 ft limestone.

2½ ft more green clay, limestone.

Widow Nancy Ad. Leisson.
 Above Balum Hay,
 Opposite Gaskill's branch.
 South east of house, on ridge
 is Black slate or Ordovician
 Gap of 5 feet.

NE of T.C. Gaskill's house
 is Black slate or Ordovician
 Gap of 5 feet

C. E. Harris. 1 mile above Gaskill
 Black Shale, Branch

55
 15
 4P

shale, same as at Sante Fe.

4 ft apparently occupied by hard clay

13 1/2 feet Limestone

9 ft more loose fragments = Co. good?

33 ft. continuous limestone, Clinton,
 cherty to top,

Halysites Favosites large.

Opposite J. W. Shelley
 Above the springs
 Black shale.

6 1/2 ft. unknown,
 15 ft 4 in. Clinton, This is cherty
 farther up the creek.

Orinoidal Scipers Creek,
 thick section.

Half a mile westward of where
 New fork leaves Runb Creek
 on road to C. E. Harris on Swan
 Creek.

Clinton 13 ft 8 in.

4 1/2	3.5
42 2/3	5.5
41 3/4	1.9
41 1/2	2.5

NE of Mat Soral in hill.

21
25
46
10

21 ft white limestone

25 ft with exposure

with Clinton chert, identifiable

33 ft from Ord. to highest point

Favosites farosus layers

- Platystrophia bifurcata

- Rhinospira ponderosa

- Abryna marginalis

- Leptæna rhomboidalis

Helicotites, porous layers & closer

- Strophodontina triplicata

- Maclurea Daytonensis

Near Fly the Silurian section diminishes about 70 feet in one mile, going southward. East of C. E. Harris the Silurian section thins at least about 40 feet in half a mile, and east of Mat Soral where the section diminishes 65 feet in about the same distance.

21
25
46
10

L. E. Colyer's Mill. No Black shale. Waverly fossiliferous at base, and about 4 inches blacker than the rest, on Ordovician full of fossils.

Halysites

Helicotites interstitus

Maclurea Daytonensis

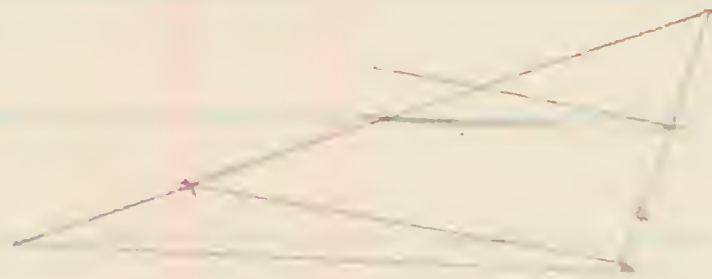
6 ft thin. Black shale.

12 ft of Clinton massive.

Creek.

Dacia Clayton Photo.
Bordenburg, Lewis Co.

3.66



4 2 6 15

Top of hill is

75 feet above sink hole.

Hill E of hotel at S. end of Chifton

- Septuaria rhomboidalis*
- Orthis fissiplicata*
- Spirifer foggi*, Pigeon type
- Orthis elegantula* but some are
- Strophomena* long hinge line small, *Strophomena*
- Melasma Wilkesi*, Pigeon type
- Atrypa reticularis*
- Cardiodon* small *Cardiodon*
- Labium* small *Labium*
- Chonetes* small *Chonetes*
- Favosites acuticosta*
- Atrypa* small *Atrypa*
- Palaeoniscus* small *Palaeoniscus*
- Astyloporina* small *Astyloporina*
- Astyloporina stellatimantata*
- Petrasia Fanningana*
- Ampelopsis Shumardi*, near top of hill
- Orthis* small *Orthis*
- Platystrophia* small *Platystrophia*
- Platystrophia* small *Platystrophia*
- Platystrophia* small *Platystrophia*

- Calymene Tennesseeensis*
- Orthis biloba*
- Petrasia Mayanensis*
- Spirifer* small *Spirifer*
- Astyloporina* small *Astyloporina*
- Cardiodon* small *Cardiodon*
- Labium* small *Labium*
- Chonetes* small *Chonetes*
- Favosites* small *Favosites*
- Atrypa* small *Atrypa*
- Palaeoniscus* small *Palaeoniscus*
- Astyloporina* small *Astyloporina*
- Spirifer* small *Spirifer*
- Spirifer* small *Spirifer*
- Strophomena* small *Strophomena*
- Helicotoma* small *Helicotoma*
- Petrasia Mayanensis*
- Leptaena* small *Leptaena*
- Platystrophia* small *Platystrophia*
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Main street N8W.

Line of sight N72E down the river,
20 ft 9 in from water to top of
Lower Silurian limestone.

Limestone section = 22 feet.

Board 11 ft 7 in long.

27	27
27	27
12) 189	297 ft.
15 ft 9 in.	15 ft 9 in
	312 ft 9 in

Distance 312 ft down stream.

Top of L.S. limestone 1 ft 6 in
above water.

∴ Fall of 19 ft 3 inches in 312 ft.
19 ft - 19.25 ft in 312 ft.

312) 19.25 (.05.17 in 1 ft.	
1872	6.17 in 100 ft.
536	
312	
2180	
2184	

Fall of 6.17 ft in 100 feet going N72E.

10 ft 7 in. of greenish clay shale
with the upper 6 inches harder

with *Strophomena*

as in rock beneath

More shale 6 feet.

Lower Sil. limestone = 22 ft

Shale above the l. = 16 ft 7 in.

Greenish yellow, vitreous hard,
with chert at top. 1 foot.

Overlying limestone clayey
and reddish. Coarse crinoid
stems, 3/4 in. in diameter and
Orthises especially abun-

dant between 7 ft 6 in and
8 ft 6 in. but also found
below. At this level,

8 ft above Clinton? occurs
also *Caryocrinus*, *Lituites*,

Cyclonema, *Platyceras* or *Mlaemus*
12 feet above Clinton is ordinary

stone is *Stephanocrinus*, *Pisocrinus*

More solid limestone with plenty
of both small crinoids begins at
14 feet.

at Clifton
Agrostis sp.
Phlox pilularis
Thalictrum flavum
Delphinium
Trifolium
Asperula
Thymus
Phlox
Delphinium
Asperula
Thymus

28	9
15	8
16	0
3	0
21	6
15	0
<hr/>	
100	0

15	8
28	9
16	0
3	0
21	6
15	0
<hr/>	
100	0

