



SOKKIA™

**TRANSIT
FIELD BOOK**

No. 8152-00

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This Book is manufactured of a High Grade
50% Rag Ledger Paper having a Water Resist-
ant Surface, and is sewed with Nylon Water-
proof Thread.



37 7

The image shows a page from a notebook with a grid pattern. A vertical red line is drawn down the right side of the page, creating a margin. The grid consists of small squares. There are some very faint, illegible markings scattered across the page, possibly bleed-through from the other side. A small metal fastener or clip is visible on the right edge of the page.

Cross at NASA

TOC needed.

- Look at Top of section
- Conrad Meyer
w/ permits barrel

First wedding w-

- Progress

AH-3

992

N.J.

6/28/99

English town

PLATANOID

OVATE TRINEURATE - MENISP.

ASYMMETRIC ENTIRE PINK

LONG STENOPHYLLUM ASYMM.

Celastrorhiza

IN A friable MICACEOUS
yellow COARSE SS.

W. Gallagher HAS STRAT

Liriodendropsis

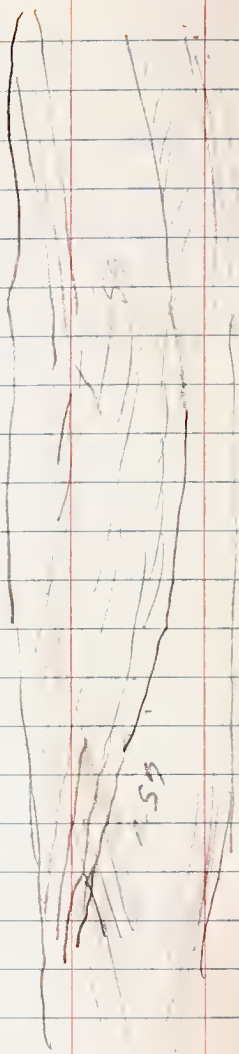
Q. greenland.

Sassa frass. a/bid.

BUCK PIT

PINE HILL MATERIALS

992 BUCK PIT PANEL SKETCH



N

45

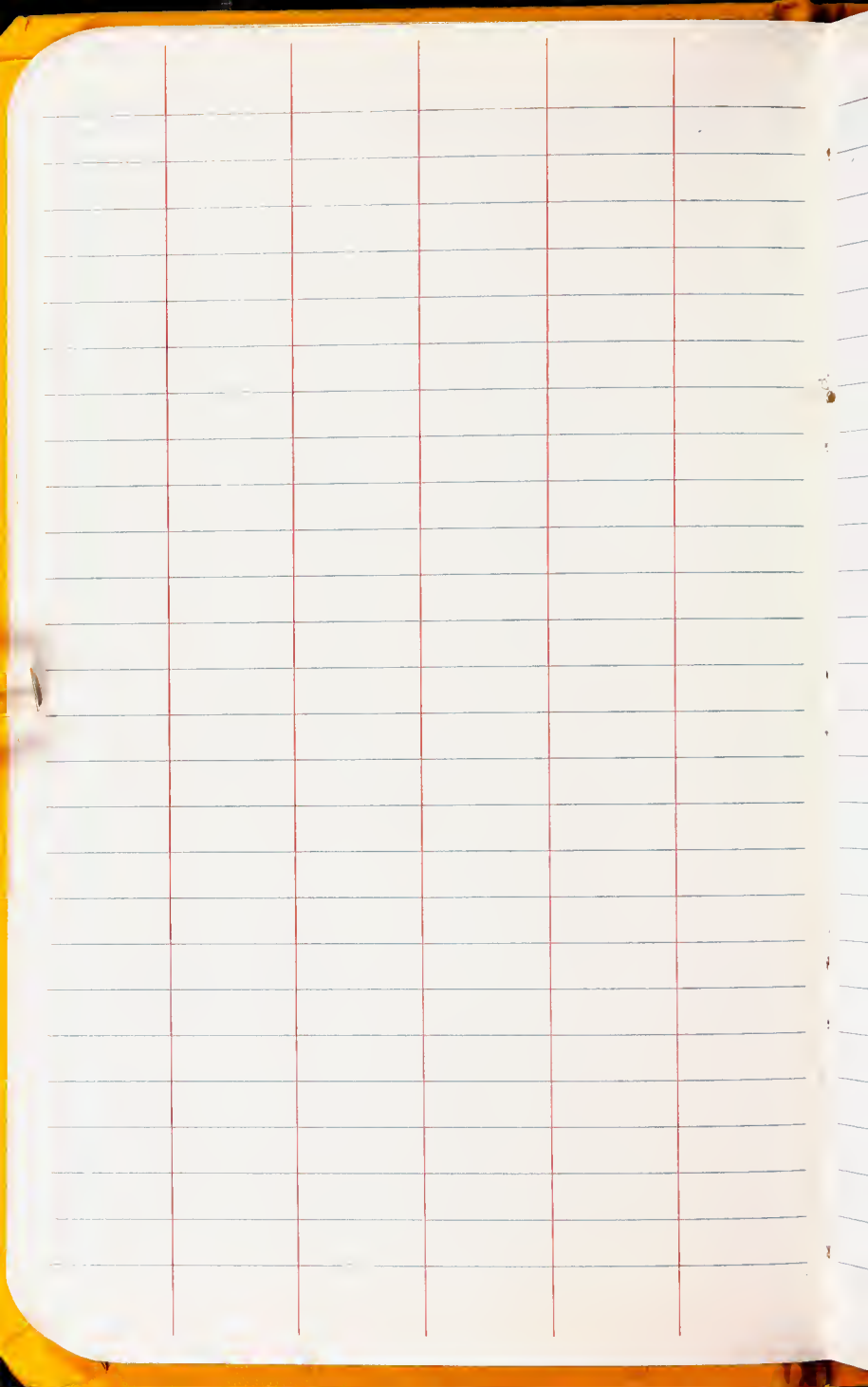
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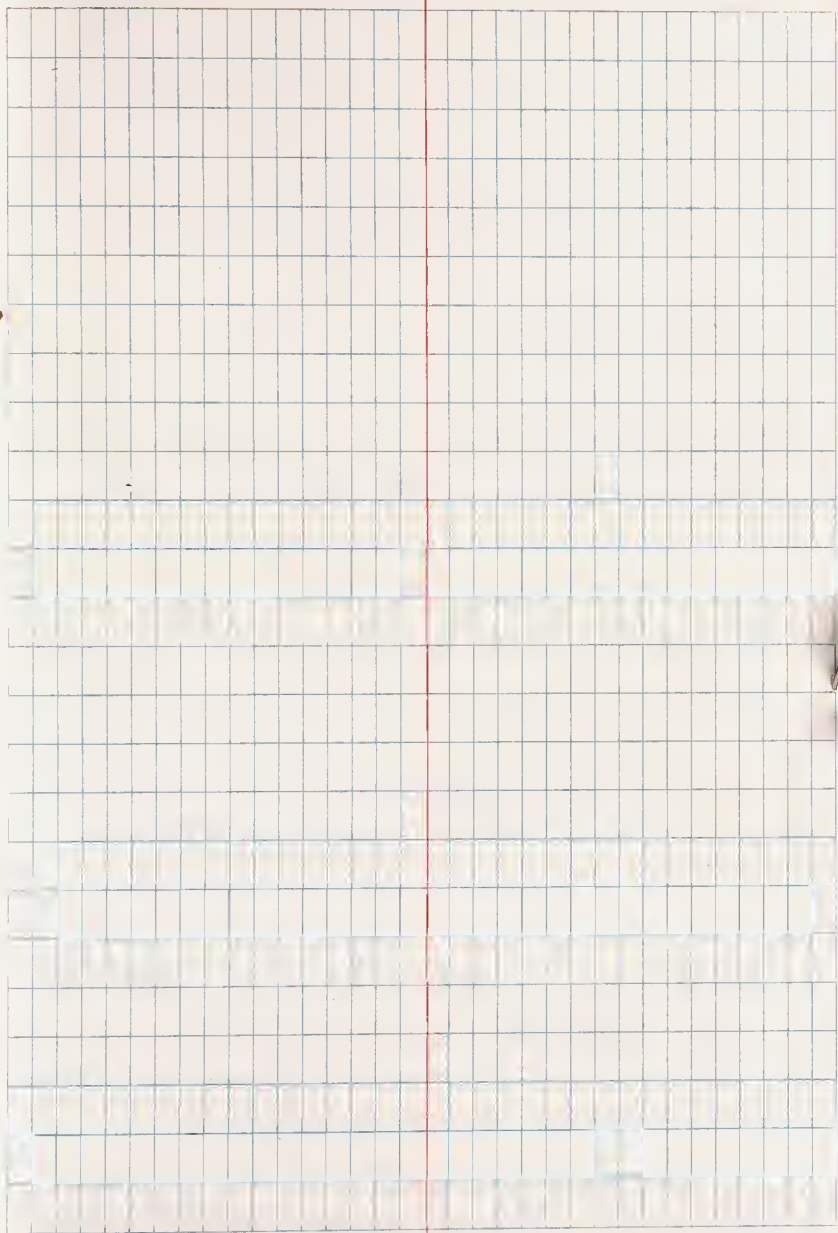


CLAY SS LAMINAE

1 1 1 m.
1 m

m
100.







Loc. 9903

7/14/99

JANICE HECHT

- Loc. at Gingrich.
Sec 7.

IN. BASE of Willwaulf.

Rainierich U. MICH PAP. 28
1989

p. 13.

IN STRAT SECTION.

SECT. 9903

START of SECT. in
Upper Fort Union fm.

0 SITST / vfg ss, Lt. Grey
Lt. grey wh., fissile &
chippy.
becomes more massive at
1.0 m.

→ Sample WYD 1-1 (1.5 m)
No 1° structures visible

UNIT

INT.

2 1.2 M MUDST LT. grey
w w/ limonite stain
Jo. no cracks
Wh. lt. grey
3.2 limonite conc
0.2 m THICK.

→ WY01-2 (4.71)

4.2 Reddish umber
punky mudst
top & bottom poorly
defined

4.4 LT. mudst. wh lt. grey.

~~5.7~~ 5.3 medium yellowish grey
mudst, soilified
(punky, no-10 STAS)
indefinite contacts
→ 5.81. WY01-3
becomes med grey
upward

medium to dark grey
massive mudst
sl. carbonaceous

7/14/99

w/ limonite on cutans

→ Wyo 1-4 6.93m

→ Wyo 1-5 7.31m

4 7.6 lower bdy SS

Yellowish TAN

fragile, frag. subolith
arenite

5 9.6 ~~9.6~~ mottled dark grey
& brownish mudst

Thoroughly soilified

limonite on cutans
"B" horizon

~~6 11~~

→ Wyo 1-6 10.84

6

11

~~12.3~~ ~~12.3~~ mudst, lt grey
& red root mottled

"A Horizon" celts seeds

Wyo 1-7

9903a

7

12.3

Red & umber ~~12.3~~

mudst. w' scattered

calc. globules

Wyo 1-7

12.17

→ Wyo 1-8 13.28

13.5-13.6 Grey mudst
interval w
calc globules.

13.7 UNIT becomes
intensely maroon
many globules

→ Wyo 1-9 14.9Hm.
Greenish x maroon
mottled to top

~~15.4~~

8 15.4 LT grey, LT gray
wh siltst

calc globules in
one 2" horizon
at 15.6

15. 10 cm limonite
st zone at
diffuse basal
contact

→ Wyo 1-10 16.07
9 15.9 SS, med gr. friable
yellowish to grey
with several
reddish inclusions

ST cemented layers
toward top

A local lens extending
10 m or so before
pinching out.

10 17.2 grey siltst grading
upw. to mudst
lt grey - faint
yell. limonitic st.

15.1 brown & ~~lt~~ grey
calc. globules on
slaps. SAME 174
as below.

11 19.4 Red & green gleyed
mudst
mottled & w/o
structure

→ w/o 1-11 (19.5 m)

12 19.9 Dark grey siltst mudst
→ w/o 1-12 (20.29 m)

13 20.6 SAME 1-UNIT 11
grey mottled
w/ globules

→ ~~w/o 1-13 (20.39 m)~~

Sect 19, 9903

14 21.2 mudst / silty massive

→ WY01-13 (21.28m)
15 22.1 mudst, olive grey

massive

wh yellowish

grey

become redder &

more sulfidated

upward w/

scattered spherulites

upward

→ WY01-14 (22.49)
23.9 Becomes

grey & red mottled

upward.

w zones (5-10cm)

of ~~thin~~ brown

(coprolitic) concs

in upper 0.5 m.

→ WY01-15 24.24m.

16 24.5

ss, vfg, platy

friable, w comminuted

plant frags on

bedding planes

→ WY01-16 (26.42)

7/14/99

17

26.8

Red w/ some greenish
mottled mudst.
w/ gleboles

→ Wyo-1-17 (27M)

27.5

Top of This segment
of SECTION 9503

△ Shoot forward to
Shoulder 50 yds to
N on a 0.3 m thick
semilit. calc. coarse
not poorly sorted, S.A,
sub 972.
~~sub 972~~ arenite.

CONTAINS lenses of
calc gleboles.
CUTS INTO red horizon
of UNIT 17.

① LATERAL Shoot 40 yds to
RAVINE SECTION.

←
Eastward within 5 yds
SS has thickened to 1m
& is x bedded to W.

sect 9903 Offset

STAF

~~27m UNIT 19~~

18 26.4 Grey silty mudst
massive

19 27.3 ~~Unit 19 at 27.3~~
Red punky mudst
w/ grey root
mottling in
upper 2.5m
Grey mud morphs

→ Wyo 1-19 30.77
Thoroughly rooted

20 31.8 Vfg., Sublitharenite
poorly sorted, su
w/ biotite, lt. grey
w some light limonite st.
wh. light grey MASSIVE

→ Wyo 1-20 35.78 }
also → Wyo 1-19' at 33.7m

21. 30.2 All Red in Green
mottled. gleyed

1-25 46.0 ~~Wyo 1-19 35.7~~
Maroon mottled WYO 1-22 B 40.7 ~~23 B 41.0~~

22 37.3 mudst "B"
Grey mudst. "A"

23 280
38.0 STACKED sequence of
A & B soils profiles
'B's 0.2 - 0.4 m
THICK root mottled
FAIR mudsts.
Upper surface extensively
grey rootcd.

→ WYO 1-24 39.37 m
'A's are vfg, SA, poorly
sorted sub, biotitic
sublitharctites

→ WYO 1-22 from a red B
at 40.7 m

→ WYO 1-23 from a grey
41.0

24 41.5 ss, vfg, SA 1T grey
NO 1° STAS. remaining
becomes punky x⁰
more paleoweathered
upward. "A"

25 45.8 Maroon & Green mottled
mudst w/ slickensides
a classic gley soil

→ WYO 1-25 46.0 m.
maroon mottled

26 47.2 LT grey wh. silty mudst
w limonite stain
joints at the "A"
to unit 25.

27 ~~52.0~~
Vfg, ss
→ WYO 1-2 48.54
MISSING #
LAMINATED poorly
sorted, SA
TANNISH grey wh.
Fines upward to a
SITST.

→ WYO 1-26 52.0
IN grey ss
55.4 - Red horizon

55.8 - LT grey STB
SA ST

SECT. 1903

7115197

28 57

med gr, poorly sorted
SA, sh. micaceous, ss.
w/ Xbeds lower flow
→ WY01-27 57.4/4
to Thin parallel
bedded.

Limonite yellow stained
TAN WH -

Some well indurated ledges
up to 0.3m thick

58.5 x upward ss becoming
f.g. alternating beds
of ss w yellow grey
mudst interbeds

29 63.5

AIT Sep of lt grey
siltst & yellowish
grey silt mudst. in
0.3-0.9 m interbeds
representing an
incipient soil profile

→ WY01-28 65.06

Well grey silt mudst.

limonite ST. on incip
cutans

→ Wyo 1-29 69.80m

30 71.0 Fissile marl
med. grey sometimes
carbonaceous.

→ Wyo 1-30 71.03m

31 71.5 med grained, clayey
fissile yellow grey
lt. yell grey wh
SS. w. UNCL
shell frags
BIOTITE frags.
in SS

→ Wyo 1-31 72.04

32 73 73 Grey, slicked
mudst. interbed
then at 73.5
interbeds of

33 73.8 light reddish
mottled mudst
to 1.5 m. Thick

ALTERNATING yell. grey

~~alternating w~~

MUDST TO 0.4m w

f.g. poorly sorted, SA, SS TO
0.2m

→ Wyo 1-32 79.30

from a yellow grey
MUDST. INTERVAL

80.6 TOP of SECTION

CO, 8

Loc. 9904

Tom Gibson & Tsuji TAKANADA

I was laid up w/ a bad
back from 7/17 - 7/19
& so only took them to the
loc. on 7/19 in am.

Loc is ND-1 of Tom Gibson

S. face of butte at
western end of The
Crooked Creek escarpment
USNM loc. 14124 SE, SE, Sec. 17
T. 142N, R. 97W DUNN Co.
N.D. R.R. L.V. H. 10.

Taka found coprolite horizon
NEARBY top of Orange zone
Some fossil leaves
Cercidiphyllum & "Frax" coc.

Loc. 9905-

7/21/99

W/ Tom Gibson x Tsujii
TAKANUBO

ON THE SEAST side of
NORTH BUTTE IN
Willwood above Wa.

EAST BUTTE

E ↓

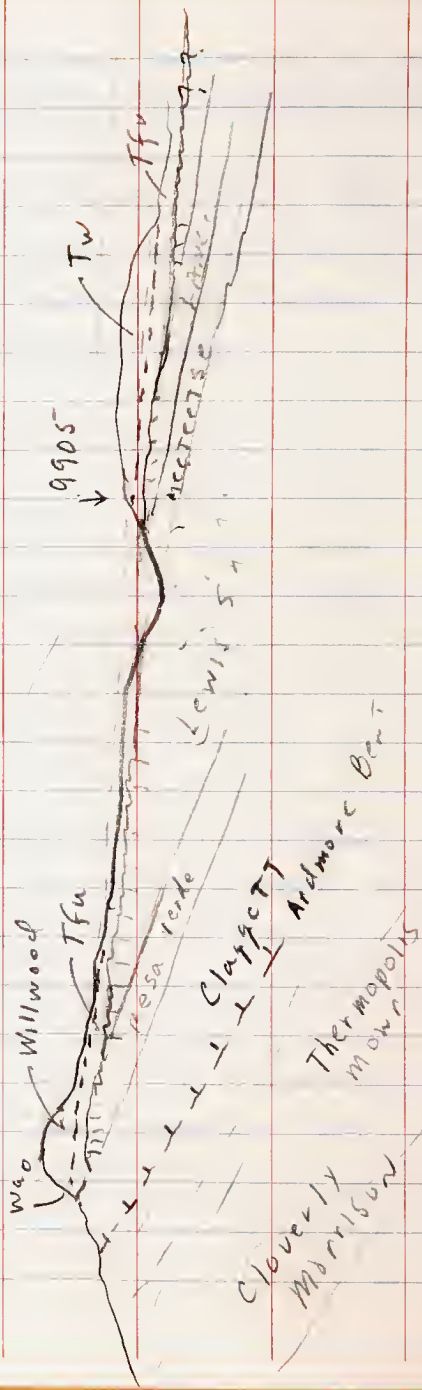
Big Cottonwood
Creek ↓

W

NORTH BUTTE

↓

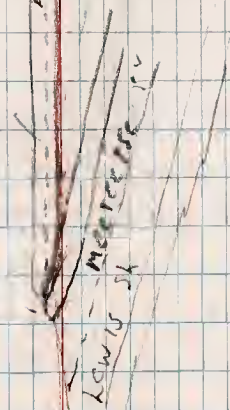
Honey
Corks ↓



wa0 →

CM and SW

Lower FU



WAS

WAS

Loc 9906

Jim Bridger Trail at
Powell City Dump
Gilmore Hill 7 1/2 Quad. Park Co., WY
42° 37' W, 44° 40' N
on Road 5 between Lane 10
& Lane 11.

Old

Locs

Old set of localities in
road cut THAT EXPOSES
a tabular carbonaceous
layer. Old locs are

72141, -1, -2 now w/

72141 to east partially
destroyed by bulldozing

Seq pred. TAN to brown
mudst, thin ss of ^{fluvial plain} ~~overbank~~
deposits w thin occasional
siderite horizons.

Found Ginkgo seeds &
foliage frags, Cercid. ph.
and Monocot stems
& leaves. BUT NO
Ginkgo cuticle

Glyptostrobus
Gerardiphylum europaeus

Loc 9907

Revisiting Loc 7834 in
Upper Fort Union Center,
S line SE, NE, Sec 22, T 57N,
R 101W, Park Co., WY
CLARK '15' QUAD.

PLATANUS nobilis Type

Cerisc

metasey

Glypto

POROSIA

Ampelopsis

Loc ⁴9908

Around Center, N. line

SE $\frac{1}{4}$, NE $\frac{1}{4}$, Sec 15, T 9S, R 22E
Carbon Co, MONT.

near top of Arroyo de
Cator Sect. of Birch
Jurassic

No usable fossil plant
remains found in a
carb paper sh. & lignitic
sequence.

Loc 9909

7/26/97

Center N line SE 1/4, NE 1/4, Sec
15, T9S, R22E, Carbon
Co. ~~to~~ mudst

Leaves in an x-bedded
calc f.g. ss

Seq is 11 bedded calc
mudst 0.8 m

0.8 m 11 bedded calc (mostly)
mudst

0.9 m ss 11 bedded at
base 0.4 m becoming
x bedded w/ a
lateral accretion
ss in upper 0.5 m
leaf fossils toward the
base of the x-bedded
portion of ss

INTERVALS of 1.5 m

3 Highwite 8" TI

5. BASE of ~~0.5 m~~ SS.
X bedded
Trough T
CONT

11.8 Base of yellow
orange ferrug micrite

13 top of micrite

14.2 BASE of X-bedded
SS ledge

15. top SS ledge

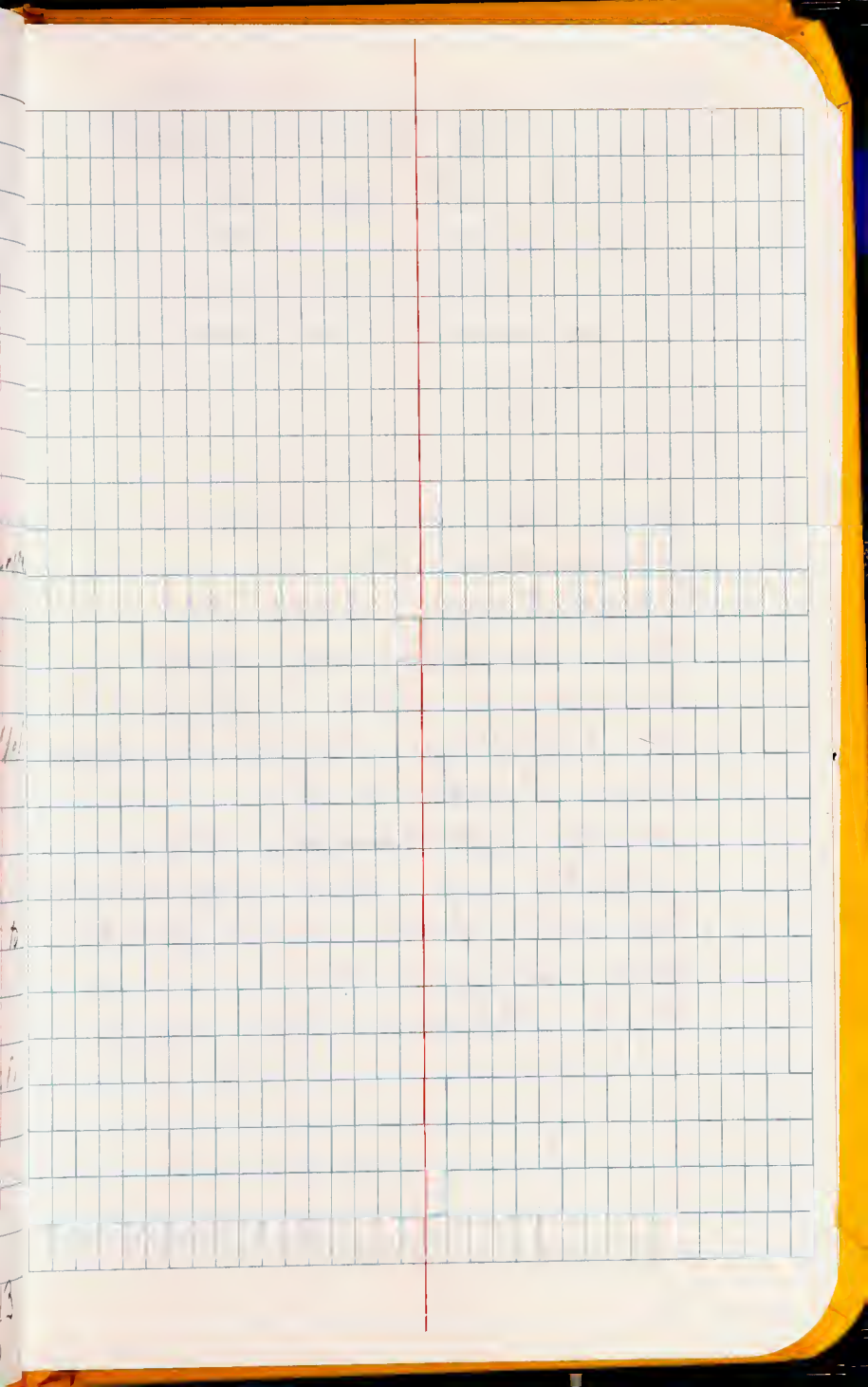
27 BASE SS ledge at top
of section

22 TOP of SS of section
↑

These are 1.5 m intervals

no. of intervals.

4 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22



7/27/99

Belfry SW & W Area
could Cody top ss =
Access Road = M2

Lower semitabular beds
in bluffs to S. of
MONT. 308 between
mile 14 (Belfry) &
mile 10 are probably
equivalent to the
transitional beds to
the lacustrine that
occur in the shoulder
of Silvertip Peak below
the Council ss
beds in these. This
part of the sequence
do not have wide spread
nature of
true Belfry tab ss.

7/27/97

9910

SE SFC 2, T 8S R21E

Hill of Micrite ledges
above SS.

ON ROAD NW, NE 1/4 Sec 11
9911 T 05 R 21 E

- X bedded ss w ~~shale~~
Ferruginous carb cones

9912

~~MIENTE to Soga~~
XLINE 15.

Forming a level dipping
~ 5° SW.

9913 NW, NE, NW ~~W~~ Sect 5
T 51 N, R 94 W, Big Horn Co., MT

Carb mudst. horizon | Gould

W METASEG.

Butte
7/12

Elypt

Cercidi

ANEMIA

LAURACEAE

PLATANUS REYNOLDSII

Some cuticle on Cercidi

In a tabular carbonaceous
mudst & sh forming
a 1 m band about
1/2 way to top of
the valley wall
Top of slope formed
by gentle tilted
red beds.

9914 E, Center 1/2, ~~Sec. 29~~ SW 1/4
NE 1/4 Sec. 29, T51N, R93W
on bluffs n. of Antelope
Creek, w. of Basin Wyo

Orchard Bench 7 1/2' Quad.
Big Horn Co., Wyo.

Carbonaceous papery brown sh.
w poor pl. frags in a
ss + mudst interbedded
seq. showing soil
development.

No usable PLANT frag-remains
here

This is n. of old loc
7848 where plant
fossils have been
found

9915

7/30/99

w/ DANA Croyer.

N 44° 21.05 W 108° 23.446

SE, SW, Sec 34, T 51N, R 96W

Big Horn Co, Wyo Sheep Mt. 7/29

possibly same as LJT 7850

A Lenticular Carbonaceous

layer in Red bedded
Willwood seq.

layer, this layer may
shs have a leachy
SS. layer in turn

is - 1 m thick

pinches out 150' north
50' south + 30' feet
EAST. of loc.

Ginkgo

MONOCOT

+ Cercid (1 fl)

+ UNDER DICOTS

Ginkgo restricted to 10' span of outcrop
loc is ~~thin~~ in low bluff
immediately to e. of road.

= Aluvial Ridge ~~same~~ setting.

for purposes of ginkgo paper. 12/22/00

9916

7/30/97

W/ DANA ROYER.

NEAR THE BIRTHDAY CAMP

LOC 7841

SE, NE, NE, SEC 29, T 50 N
R. 93 W, Big Horn CO. WYO
Orchard Branch 7/24

0.8 m THICK CARB MUDST

w abundant PLANT

FOSSILS INCL.

Equisetum

Taxodium

Glyptostrobus

Platycarya

Averrhoites a few

NO CUTICLE ON GINKGO
FOUND.

7/31/99
9916 Aspen Sh PLANT Loc.

WALKED through N 1/2 Sec 6
T 24N R 116W Lincoln Co Wyo.

Looked for Aspen shale PLANT
loc. NO LUCK Tolat

9917 Skipped

JR\

=E

**RICHARDSON RANCHES
SPRING CANYON
COMMISSARY**

Jack D. Richardson
Steve Roberts

(307) 727-8489

(307) 727-8435

=E

JR\

9918 Real Aspen shale

locality

on low bluff directly
S. of jct of Fontinelle
& Disney Creeks

9918 a lowest level

9918 b DADA'S FIRST FLOAT
level

9918 c *Sapindopsis bevelerian-*
sis level

9918 d *Sapindopsis* smooth
margin level

SECTION of Fossiliferous Aspen Shale

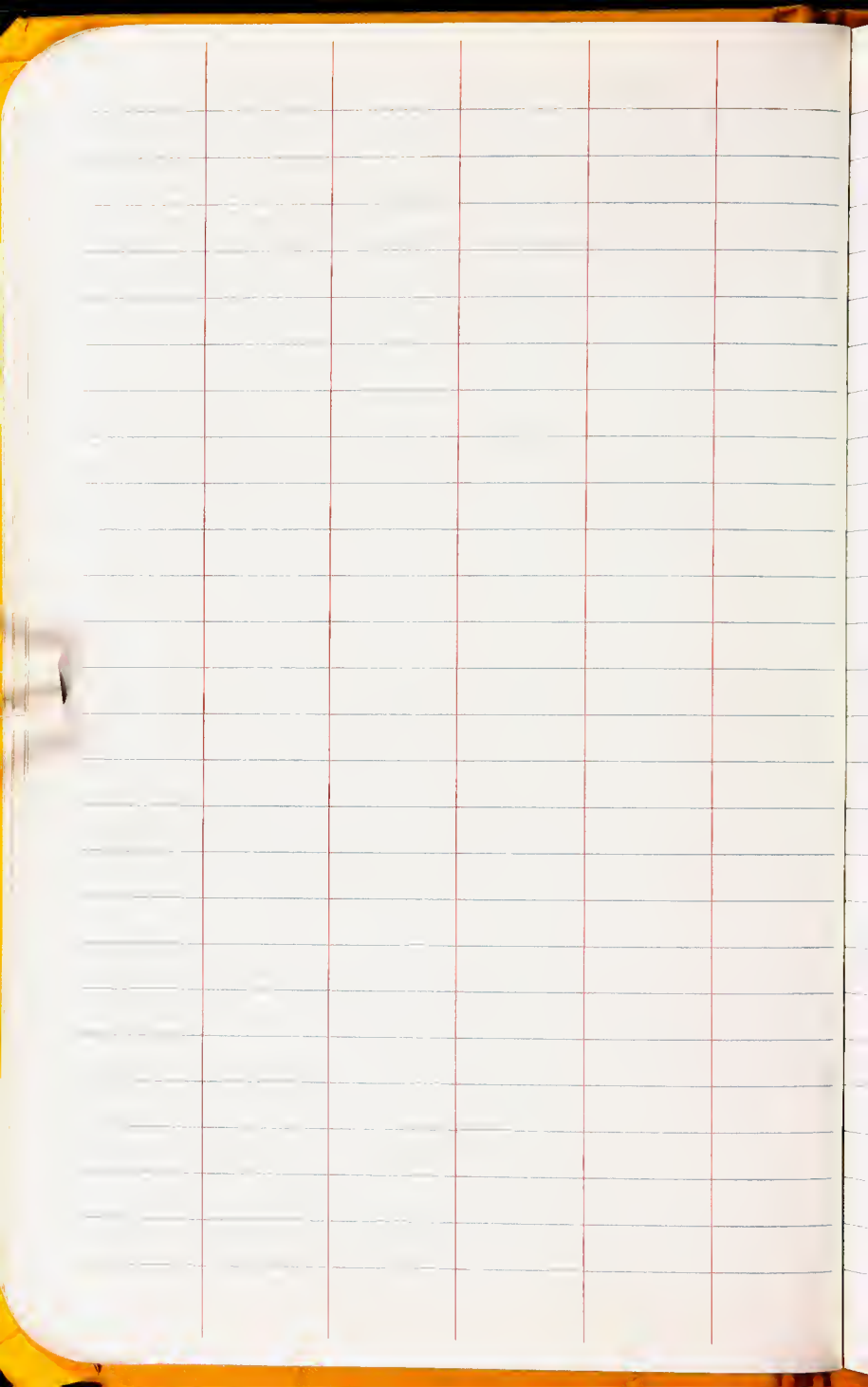
lies NEAR the top of
the CONTACT w
the FRONTIER

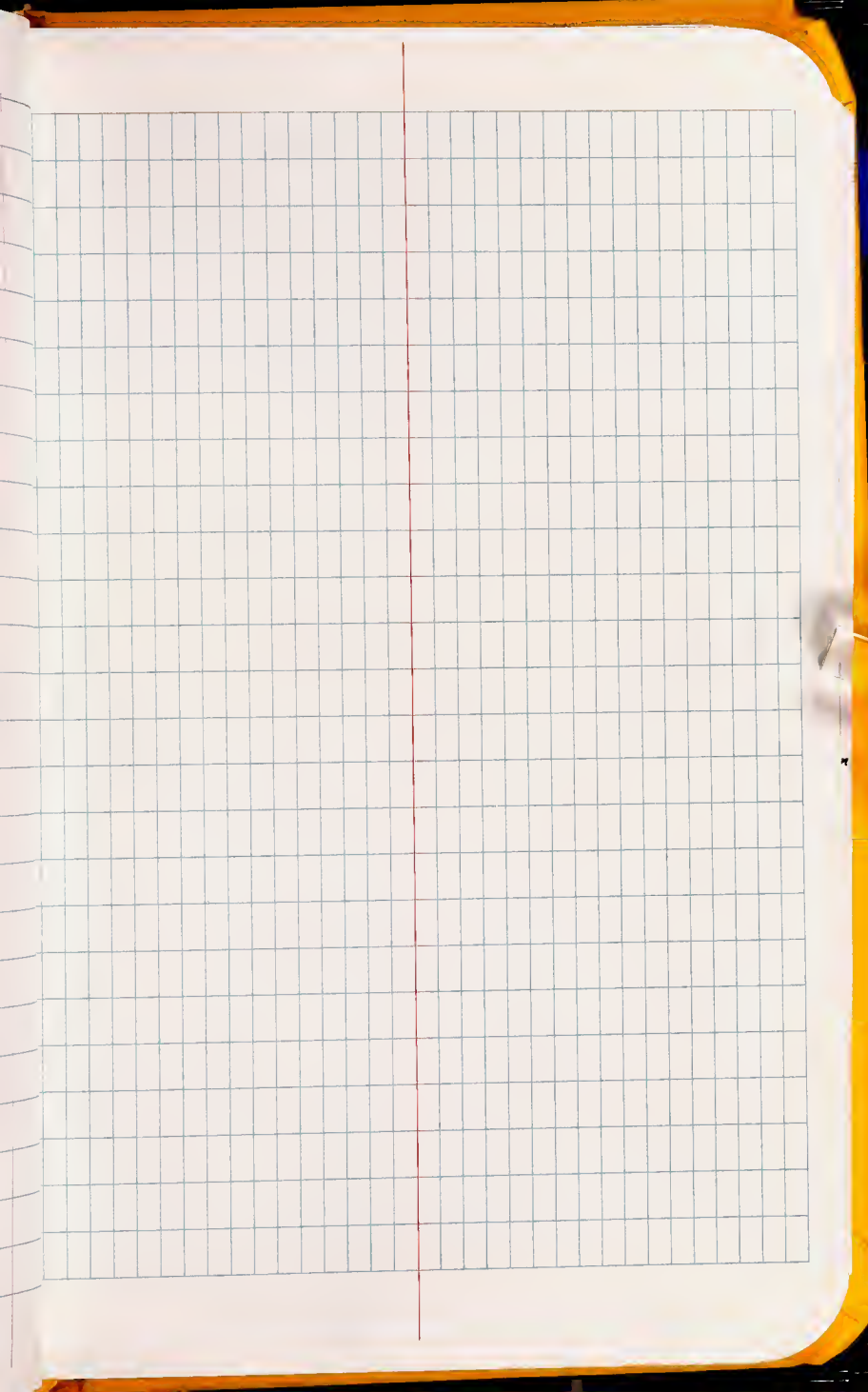
Below it is a seq of
greenish to brownish
shales

base sect consists of

WT grey porcellanous
tuffaceous interbedded
w greenish to
grey to dark grey
v. calc. mudst.

1	0.8	Covered
1	0.8	Covered sect. of greenish to br. shs
2	0.8	WT Tuffaceous mudst w/





M

Plant & fossils of

Ferns 1 pass

~~2410~~ ~~1010~~

2410

3 1.15 N7 buffaceous mudst
bedded some thin
laminae

4 0.2 DA Porcellaneous, dark
grey soft w
carbonized rhizome,
& pl. frags.

5 0.6 LT grey porcellaneous
buffaceous mudst.
w pl. fossils

→ 9918 a

6 1.7 Greenish cherty
sh.

7 0.3 LT grey laminated
buffaceous mudst

→ 9918 b

8 2.4 Greenish grey sh

9

2.5

10 greenish grey
 Tufts to 0.5 m
 interbedded w
 greenish grey shs
 Basal Tuft
 w limonite ST.
 & calcite on
 joint cracks

beds. Seq. are lenticular
 w some bed.

sandy laterally
 sequence of bedded
 10 grey tufts

10

w.
 Sapropylis belvedereensis
 layer 9918C at
 1 m above base

→ 9918C at 1 m.

Tuft beds range
 between 0.1
 & 0.2 m thick

w some greenish
 mudst beds

0.1 - 0.2
 between

→ ~~2.5~~^{2.5 m} 9918d tuft

w Sep. ~~gravel~~
ent Pel PT
Type

- Here leaf mats
are dominated
by anis w/
ferns / rare.

11

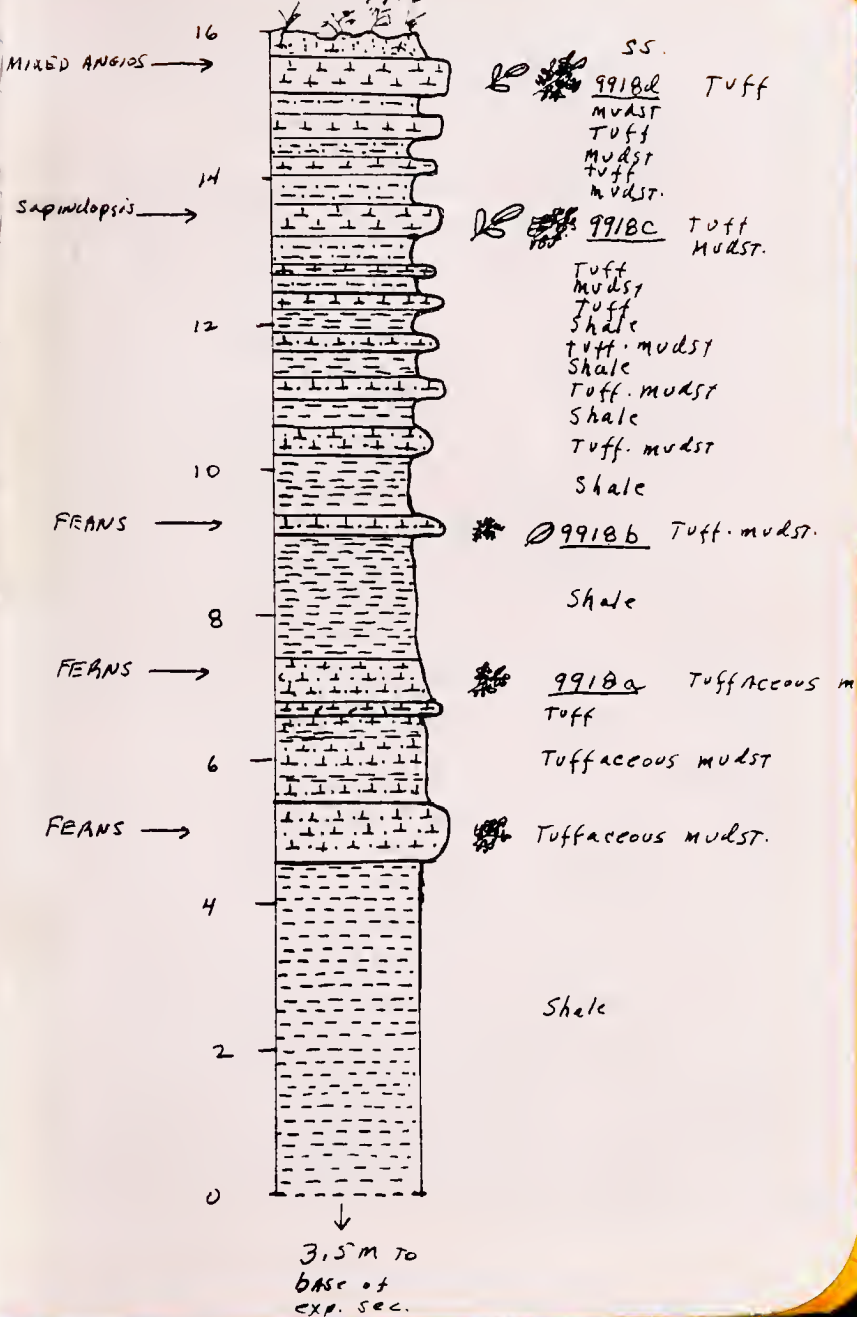
0.3

LT yell grey

1Am Tuff ALGOL
SS

at top of bluff

ASPEN SH. PLANT
BEDS ON FONTINELLE CR.
LDC. 9918



ies
1/1

his

use

with

with

place

place

Ma

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

8/1/99

Notes of observations & Thoughts
on Loc 9918

This loc. appears to represent a sequence of Tuff beds alternated w non-volcaniclastic intervals that allowed plant colonization to take place. The floras here may represent a series of early successional fern and later angiosperm dominated floras that colonized the bare substrate, grew for a while and were then destroyed by a succeeding effaceous event. The light grey Tuffs frequently show lamination and are barren of plant fossils except toward their bases where the plant matter is comminuted and sometimes appears charred or burned. Following this the upper 10 - 40 cm of a Tuff

Loc 9918 (CONT.)

becomes browner or more carbonaceous, shows rooting, or sometimes limonite stained ~~pegs~~ cutans (?) and often has a mat of plant matter (ferns dominate in lower 3 levels, Sap.

helvederensis at 9918c, and angios dominate the mat at 9918d) that appears to represent the plant community at its time of burial by the succeeding Tuff.

What does the increase in angio content upward signify? Evolutionary replacement of ~~angios~~ ferns early successional ferns by angios, or st. different ecological conditions, or increasing maturity of the plant community.

loc 9918 (cont'd)

This question might be explored by looking for changes in community dominance laterally, or by seeing if the same pattern from bottom to top holds laterally.

The plant potential of these beds along strike should be explored in the hill to the S.E. of the site.

Plants found.

Ruffordia (Anemia fremontii fide Brown) levels a, b, c?

Asplenium occidentale Kn.
levels a, b, c

Cladophlebis radix Br all levels

Button Inflorescences (Sparganium
aspensis ~~Br~~ fide Br.)
level c

Trichodendroid/Cercidiphylloid
(Populus ? aspensis fide Brown)

Loc. 9918

(CONT'D.)

level d

Dryandroides lanceolata Kn

levels c & d

Sapindopsis (Laurus aspensis fide Brown)

level d

Think "Nelumbo" Weymouthii Br

level d

Crassidenticulum (Prunus aspensis fide Br)

level c, d

"Staphylea? fremontii Kn
really a Sapindopsis
variant

level c, d

"Sassafras" bradleyi Br.

level d

Crassidenticulum (Sapindopsis
Schulzei fide Brown)

also not noted
by Brown, 1933.

Elatides magnifica (very

rare)

level c

2009918 ()

A berberidaceous looking
leaf

A platanoid

Loc 9919

11/23/99

Pine Hill Quarry (of Buck
Mining Co.), Monroe Twp.,
New Jersey

Englishtown Fm. (Middle
Champanian Age) Late Cretaceous
- 77.5 ma. b.p.

Woodbury Fm below is MARINE
CARB SH. MARINE DATED AT
78.5-80 ma. (Gallagher et al,
1996)

locality & its description
as for loc. 9902

w. Linda Klise

Russel (Tim) B. White

w. Gallagher (N.J. STATE MUS)

& others from

NJSM &

Butgers.

CENSUS TAIWAN

	<u>Σ</u>	<u>%</u>
<i>Liriodendron simplex</i>	0	0
<i>Eucalyptus geinitzi</i>	13	6.2
<i>Ficus atavina</i>	7	3.3
<i>Laurus nebrascensis</i>	4	1.9
<i>Magnolia auriculata</i>	5	2.4
<i>M. capellinii</i>	3	1.4
<i>Dryophyllum</i> cf. <i>D. proteifolius</i>	29	14.0
<i>Quercus morrissoniana</i>	1	0.5
<i>Cinnamomum intermedium</i>	9	4.3
<i>C. membranaceum</i>	44	21.1
<i>Lindera venusta</i>	4	1.9
<i>Acer cuneolatum</i>	35	16.7
<i>Aralia palmata</i>	12	5.7
New elongate (#1)	10	4.8
2 ⁺ New ovate serrate (#1)	2	1.0
1 ⁺ UNK. w/ small teeth (#2)	1	0.5
1 ⁶ UNK. , large ENT. (#3)	1	
UNK w/ insect damage	1	
3 ⁵ <i>Saurauconia</i> or <i>Brachyphyllum</i>	1	
1 ⁷ New pinnate (#4)	1	
1 ⁸ UNK Acer + or - (#5)	1	
1 ⁹ Large, ENT, stenophyll (#6)	1	
2 ⁰ New broad, etc, CRSP (#7)	2	1.0
2 ¹ New ovate, fine serr (#8)	2	1.0

Loc 9919 (Contd.)

CENSUS (cont.)

		Number Counted.
22	New ell. w/dist. 205 (#9)	1
23	New obl, CNT, w close 205 (#10)	1
24	cf <i>Andromeda parlatonii</i> (#11)	2
	New UNK	1
25	Rhus (compd lvs.) (#12)	5
26	New craspedo (#13)	1
27	Monocot (#14)	1
28	New tiny "Ligustrum" (#15)	1
29	New, ell, CNT, eucampto (#16)	2
30	"Sapindopsis" sp, asym lf. bs (#17)	1
31	New broad CNT (#18)	3
32	New Trapezoidal (#19)	1
33	Narrow CNT, doubly acute (#20)	1
34	New UNK (#21)	1
		<hr/>
		Σ 209

0.5

1.0

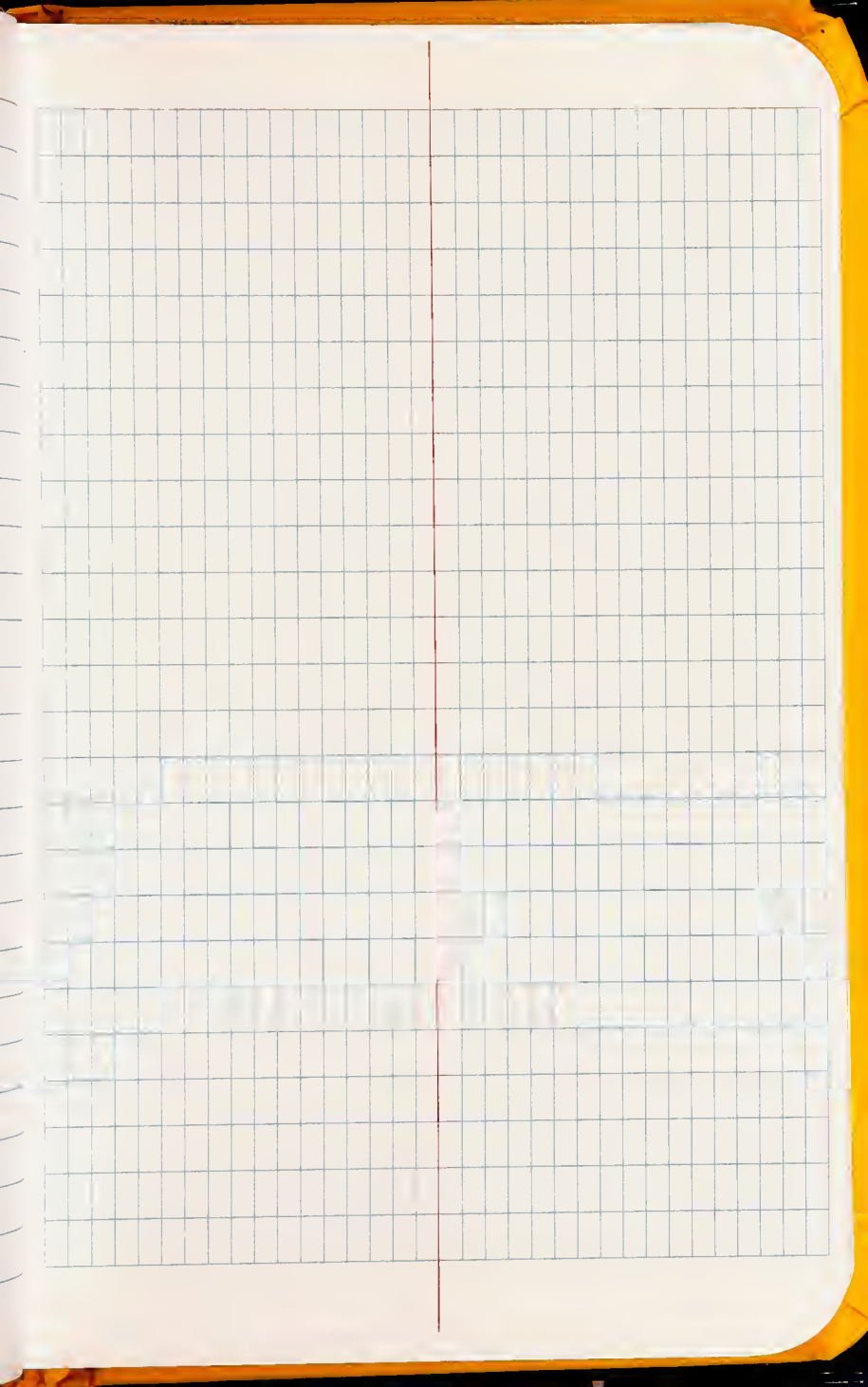
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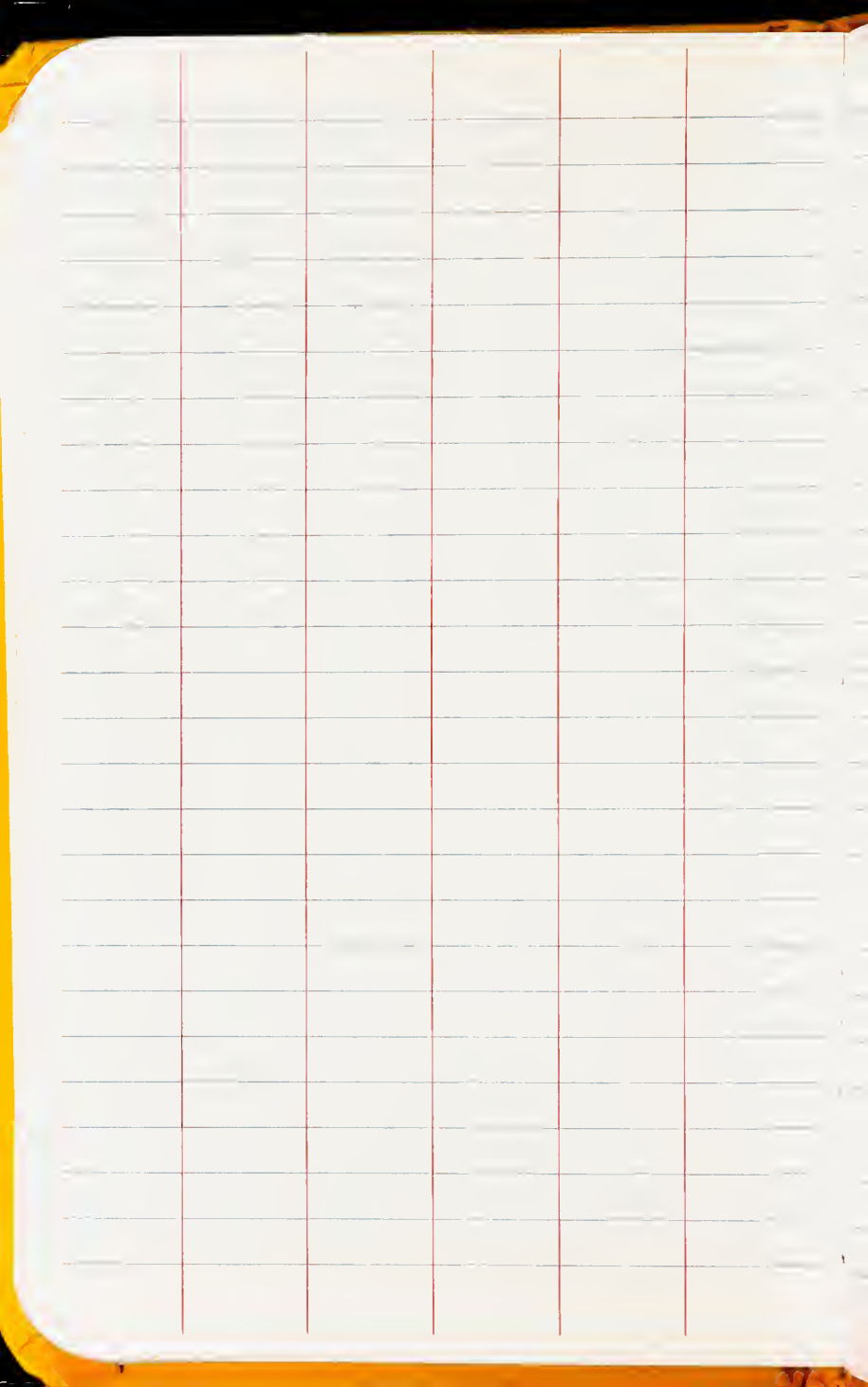
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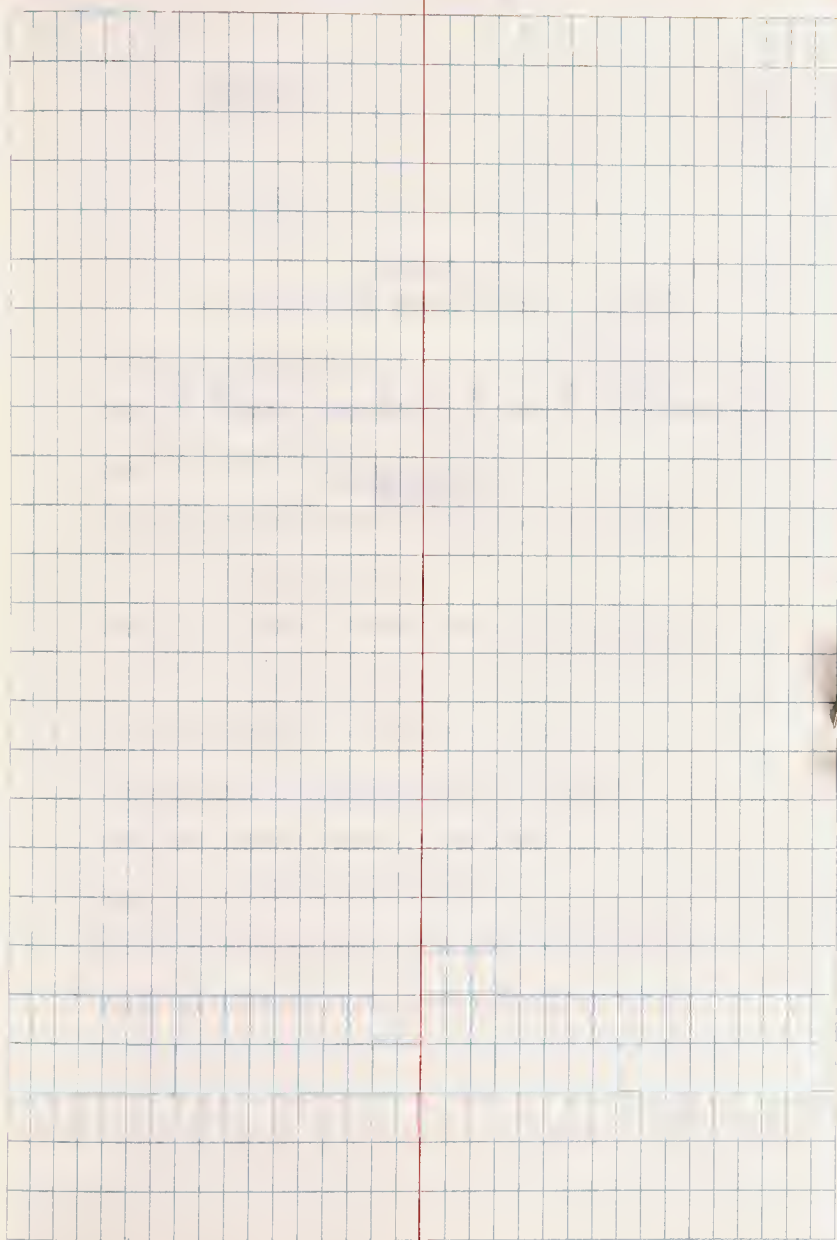
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Limestone

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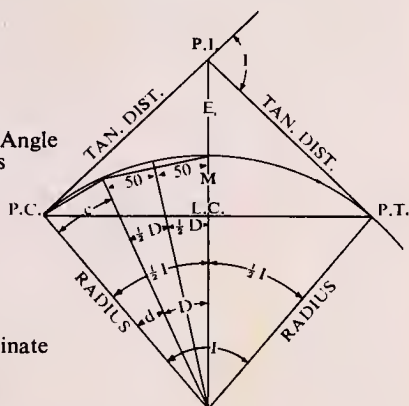
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CURVE FORMULAE

- D** = Degree of Curve
1° = 1-Degree of Curve
2° = 2-Degree of Curve
P.C. = Point of Curve
P.T. = Point of Tangent
P.I. = Point of Intersection
I = Intersection of Angle, Angle between Two Tangents
L = Length of Curve, from P.C. to P.T.
T = Tangent Distance
E = External Distance
R = Radius
L.C. = Length of Chord
M = Length of Middle Ordinate
c = Length of Sub-Chord
d = Angle of Sub-Chord



$$R = \frac{L.C.}{2 \sin \frac{1}{2} I} \quad T = R \tan \frac{1}{2} I = \frac{L.C.}{2 \cos \frac{1}{2} I}$$

$$\frac{L.C.}{2} = R \sin \frac{I}{2}, \quad D 1^\circ = R = 5730, \quad D 2^\circ = \frac{5730}{2}, \quad D = \frac{5730}{R}$$

$$M = R (1 - \cos \frac{1}{2} I), \quad = R - R \cos \frac{I}{2}$$

$$\frac{E + R}{R} = \sec \frac{I}{2}, \quad \frac{R - M}{R} = \cos \frac{I}{2}$$

$$c = 2 R \sin \frac{1}{2} d, \quad d = \frac{c}{2R}$$

$$L.C. = 2 R \sin \frac{1}{2} I, \quad E = R (\sec \frac{1}{2} I - 1), \quad = R \sec \frac{I}{2} - R$$

Minutes in Decimals of a Degree

1'	.0167	11'	.1833	21'	.3500	31'	.5167	41'	.6833	51'	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

Inches in Decimals of a Foot

$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729
1	2	3	4	5	6	7	8	9	10	11
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167

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