

9/29/96 Mill Brook Ridge 3480' to 3260' from Kelly Hollow 9/29/96 270-29

| Site | 9/29/96 Michael DeWanda Sammels David | p | Δp | Δe | e calc | e Calc | e Map | time | note |
|-----------------------------------|---|-------|------|------|--------|--------|-------|---------------------|------|
| (A) Mill Brook Road & Kelly H. | | 30.07 | 0.00 | ← | — | — | 1770 | 10:15 ^{AM} | |
| (B) Short Loop Trail Jc. | | 29.87 | 0.20 | 181 | 1951 | | | | |
| (C) Bridge | | 29.68 | 0.39 | 353 | 2123 | | 2120 | 10:50 | |
| (D) Stone wall | | 29.55 | 0.52 | 471 | 2241 | | | | |
| (E) end plantation along brook | | 29.52 | 0.55 | 498 | 2268 | | | | |
| (F) last Norway Spruce | | 29.47 | 0.60 | 543 | 2313 | | | 11:10 | |
| (G) 2° stump | | 29.35 | 0.72 | 652 | 2422 | | | | |
| (H) 2° ASH | | 29.21 | 0.86 | 780 | 2550 | | | | |
| (I) Top of ledge - OST | | 28.95 | 1.12 | 1014 | 2784 | | | | |
| (J) 1st Growth e-p 192 | | 28.91 | 1.16 | 1050 | 2820 | | | | |
| (K) top ledge - ridge growth | | 28.68 | 1.39 | 1258 | 3028 | | | | |
| (L) NTF wet terrace | | 28.57 | 1.50 | 1358 | 3128 | | | | |
| (M) | | 28.34 | 1.73 | 1566 | 3336 | | | | |
| (N) bedrock ravine heads SW | | 28.24 | 1.83 | 1656 | 3426 | | | | |
| (O) CIMN <u>III</u> | | 28.18 | 1.89 | 1710 | 3480 | | | | |
| (P) Mill Brook Ridge Summit 3480' | | 28.18 | 1.89 | 1710 | 3480 | | 3480 | 12:45 PM | |
| (Q) | | | 1.84 | 1710 | 3480 | | | 1:50 PM | |
| (R) SUGS to 11 th | | 28.23 | 1.79 | 1663 | 3433 | | | | |
| (S) SURB in fruit on ledge top | | 28.32 | 1.70 | 1579 | 3349 | | | | |
| (T) CIMN terrace | | 28.36 | 1.66 | 1542 | 3312 | | | | |
| (U) wet terrace | | 28.52 | 1.50 | 1394 | 3164 | | | | |
| (V) COL | | 28.56 | 1.46 | 1356 | 3126 | | 3120 | 2:40 | |
| (W) Summit 3260' | | 28.38 | 1.64 | 1524 | 3294 | | 3260 | 2:53-3:09 | |
| (X) base 10' ledge - SUB seep | | 28.55 | 1.47 | 1366 | 3136 | | | | |
| (Y) LAP | | 28.94 | 1.08 | 1003 | 2773 | | | | |
| (Z) P braunii | | 29.03 | 0.99 | 920 | 2690 | | | | |
| (AA) OST e-p 193v | | 29.20 | 0.82 | 762 | 2532 | | | | |
| (AB) BASS + P braunii = 2° stump | | 29.26 | 0.76 | 706 | 2476 | | | | |
| (AC) Ravine in 20' fill to E | | 29.36 | 0.66 | 613 | 2383 | | | | |
| (AD) ASH | | 29.40 | 0.62 | 576 | 2346 | | | | |
| (AE) Norway spruce | | 29.46 | 0.56 | 520 | 2290 | | | | |
| (AF) Stone wall | | 29.52 | 0.50 | 465 | 2255 | | | | |
| (AG) Trn from W : trail | | 29.60 | 0.42 | 390 | 2160 | | | | |
| (AH) Bridge | | 29.65 | 0.37 | 344 | 2114 | | | | |
| (AI) HEM | | 29.68 | 0.34 | 316 | 2086 | | 2120 | 4:13 | |
| (AJ) Lower trail junc. | | 29.81 | 0.21 | 195 | 1965 | | | 4:16 | |
| (AK) Mill Brook Road & Kelly H. | | 30.02 | 0.00 | — | — | | 1770 | 4:29 | |
| (AL) | | | | | | | | 4:43 | |

$$r = \frac{\Delta e}{\Delta p} = \frac{3480 - 1770}{30.07 - 28.18} = \frac{1710}{1.89} = 0.905$$

$$r = \frac{\Delta e}{\Delta p} = \frac{1710}{1.74} = 0.929$$

$$r = \frac{\Delta e}{\Delta p}$$

(A) 1770 Oak sapling at Highway & another at (B)
ELM, CARP, HAMAM

(B) 1958 OAK. Nem repro.
Norway Spruce planted
10" to 12" DBH x 60 to 80'
40 to 50 yrs old, estimate

219 (C) to (D) 45 to 50 yrs. via a
ring cant on a broken Norway
Spruce stump. recorded

2241 (D) OAK & ASH seedlings

2288 (E) end plantation along brook

2313 (F) upper limit of plantation

(G) 2422 Stumps barkless.
BASS-ASH-SUG CORE
LAD glade, Adiantum
SUBS to 16' DOM. Open woods

(H) 2550 SUB repro. abun. begins
ASH to 24".
Talus above to east.
Brook flowing to west
about 250 ft away
SUBS to 12". Campsite
slope can steepen &
becomes more bouldery.

(I) 2784 Top of 1st ledge. OST

(J) 2820 YB 30", SUB 24" 1°

(K) 3028 Top of ledge. Typical
ledge growth. \$ Campy
turning brown. SUBS
to 26". OK, VA, AA
ross brook; dense VA,
24" BC, then

(L) 3128 Nkfem terrace with
rounded water.

(M) 3336 B-YB-BC dom, SCAT-SUG

(N) 3426 Bedrock "vaine" heads
down to SW about 10 to 15'
deep. Over open ledges
above.

(O) 3480 SUMMIT FLAT.

CINN wet area with CB,
CORTIS, VCASS & NEMO, RM.
No Sphagnum. BC in the W
Suggests not too wet & not
wet all the time. This
CINN ^{area} wraps around the
highest flat on the west.

(P) 3480 20' ledge to SE for lunch.
The full 3480 summit pen-
sion was walked, but NO
CINN swamp was seen one
ledge down at the 3460'
level on the S or SW. This

3460' swamp was recorded
in 1972 & 1988. Where is it?
Out of sight & lower down
from the summit? [NO. over summit]

Summit flora - Campy 15' to 25'
B still green lvs, some brown
RM, MM, YB, BC
\$ Campy, UVUL, DP, LL
AMEL
SORB (2 trunks, 7" x 30') on E.
VACC, M, OX, AA RA

Follow azimuth 300° true =
313° mag. to col at (U)

(U) 3433 SUBS to 18". None on
summit. Moist terrace
ledges down on NW

(R) 3349 NW-facing ledge with
SORB in fruit.

(S) 3312 CINN terrace
VCASS ^{all}
AMEL BART with NEMO,
small SPTAG patch

(T) 3114 Wet terrace with
brook flowing to Alder
Lake. Glyceria nemota
& a mint (?) --
browned heavily to
make I.D. difficult.
30' BC below.

(V) 3126 COL
CINN W 6' tall, some
SPTAG. 20" ^{CORTIS} deep probe
with hiking stick to
a flag. VCASS in center

C14 this one! (319)

The highest elev in the
Col is to N, only 4' up &
5 to 10 ft wide - bedrock
hogback.

2nd CINN W 5' tall
fems. NO SHRUBS

Reascend labyrinth ledge
20' high
SUG 5.

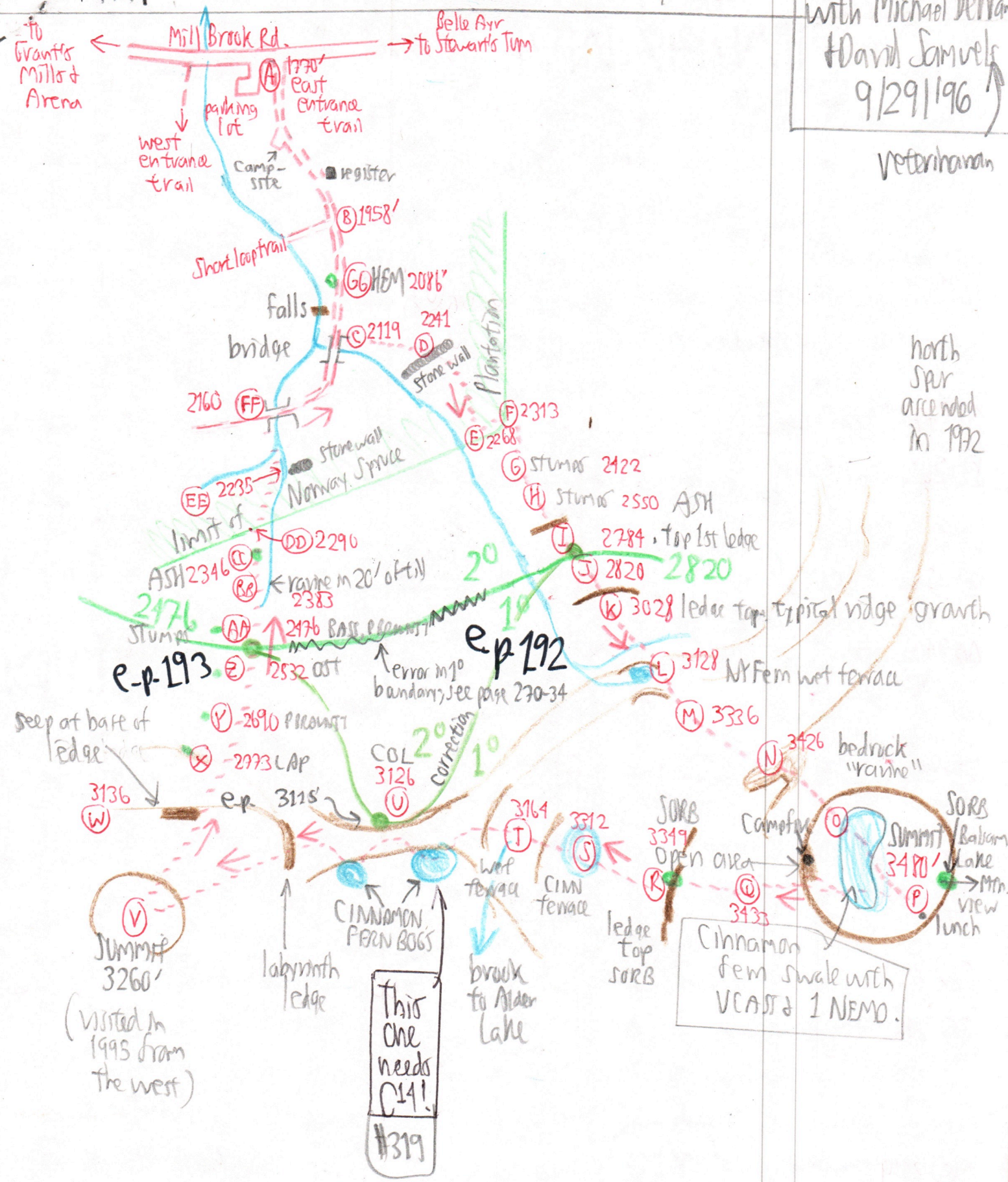
MAP: MBR 3480' to 3260' via Kelly Hollow

270-31

with Michael DeWan
+ David Samuels
9/29/196

Veterinarian

North Spur
ascended
in 1972



(V) SUMMIT 3260' 3294'

[visited 1st time on May 24, 1995
from the west with Mike
Macken after coring the oldest
Catskills bog]

B dom, BC, MO, RM, YB,
1 sub; S. BCs to 40' x 16"

(W) 3136 Base of 10' (highest) ledge
on NNE slope. Most SUB
terrace with W, DOMs to 20"

(X) 2773. LAP glades begin

(Y) 2690. Polystichum braunii
SUBs 26" & YB 26"
MM, YB, SAMB, talus: begins.

(Z) 2532 OST, MM, SAMB,
RLAC, LOMCZS talus

(AA) 2476 BASS, P. braunii &
Stump 2°.

(BB) Ravine on E in 20' of till
2383

(CC) 2346 ASH

(DD) 2290 Norway spruce
begins, with repro.

(EE) 2235 Stone wall.

(FF) 2160 Confluence with
bridge on trail just above
it.

TASP

(C) 2119 bridge

(66) 2086 KEM along brook

(B) 1963 Lower Loop trail J.C.

(A) 1770 Mill Brook Road.

Burroughs 270-32

When Burroughs crossed
MBR in ^{JUN} 1868 to get to
Thomas' Lake from the
Mill Brook Valley & sand
high ferns in a swamp on
the ridge, he could have
been at (O) or (U), with
2 swamps at (U).

He would have had to
bear well to the left
(SE) to get to Thomas'
Lake.

But the topography
doesn't match when he
descended over a N spur
of MBR and arrived in
another hollow on the
Mill Brook side. His
hollow headed NW;
School #4 and Clark
Hollows do not.

Small hemlock 1°
groves occur in both
Kelly Hollow at (66)
& in School #4 Hollow.

East vs West

Grand Cover

Contrast western Catskills
with the open, rocky talus
like slopes around Fox
Hollow lean to, Woodland
Valley & Mink Hollow in the
east. [visited all Fall '96]

The eastern slopes have
low grand-herb cover %.
Gaw Lovett thinks its
because of dense SUB
shade. Why should there
be more shade in the E?
Because forests were
more severely disturbed
& are in more pioneering
earlier stages, thus
younger & faster-growing
trees? In the W,
less disturbance means
more climax, even 20'
climax, with more dead,
down & down trees,
∴ more light on the
floor?