

Kelly Hollow and MBR West End 27015

with Beth Linebaugh Waterman & daughter, Kate

6/14/89

Site	Map elev.	p	Δp	Δe	Calc. elev.	Time	
Mill Brook Road (A)	1760	30.05	0.00	100	1760	10:00 AM	
Cross plank bridge		(B)	29.90	0.15	132	1892	
		(C)	29.84	0.21	185	1945	10:23
Trail Jc.		(D)	29.76	0.29	256	2016	10:23
↑ dead BB?		(E)	29.70	0.35	309	2069	
Stone wall		(F)	29.62	0.43	380	2140	
Spring		(G)	29.54	0.51	450	2210	
Beaver Pond	2220	(H)	29.52	0.53	468	2228	10:45
BASS, highest		(I)	29.44	0.61	539	2299	
		(J)	29.27	0.78	689	2449	
		(K)	29.22	0.83	733	2493	
		(L)	29.12	0.93	821	2581	
Ost & ASM seedling, highest		(M) ep #163	28.99	1.06	936	2696	
Tunnel boulder; OST		(N)	28.94	1.11	980	2740	
Top two ledges		(O)	28.88	1.17	1033	2793	
Bog #310		(P)	28.63	1.42	1254	3014	
		(Q) ep #179	28.57	1.48	1307	3067	
Crest of Ridge (MBR)		(R)	28.56	1.49	1316	3076	NOON
Col	3040	(S)	28.55	1.50	1325	3085	12:27 to 12:42
End Log Road		(T)	28.60	1.45	1280	3040	
Summit		(U) #180 P-P	28.54	1.48	1333	3093	
OST highest		(V)	28.40	1.62	1460	3220	1:30
Brook begins		(W)	28.83	1.19	1072	2832	1:55
ASM highest		(X) ep #164	28.94	1.08	973	2733	
Brook in 30' ravine - BASS highest		(Y)	29.19	0.83	748	2508	
		(Z)	29.36	0.66	595	2355	
Plantation upper end		(AA)	29.44	0.58	523	2283	
Rejan Trail		(BB)	29.57	0.45	405	2165	
Waterfall below OAK (large)		(CC)	29.60	0.42	378	2138	
Trail Jc.		(DD)	29.64	0.38	342	2102	
Red pine plant-on W		(EE)	29.76	0.26	234	1994	
Apple, Crat- old field		(FF)	29.80	0.22	198	1958	
Mill Brook Road	1780	(GG)	29.95	0.07	63	1823	
	1760	(HH)	30.00	0.02	18	1778	3:10
		(II)	30.02	0.00	0	1760	3:18

Kate: $\frac{3040 - 1760'}{30.05'' - 28.60''} = \frac{1280'}{1.45''} = 0.883$
~~Kate: $\frac{3040 - 1960'}{30.02'' - 28.60''} = \frac{1080'}{1.42''} = 0.761$~~

27076 Species & Elevations

OST: (B), (F), (J), (M), 16' at (N), (O) max. 2793';
(W) 2832' max.

JASH: (C), (F), (W); several big, to 40", at (I) 2299';
2449' (J), max seedling at (N) 2740'; (V) 2508' max;
Common at (Z) 2355'.

BASS: (L) 2581' max.
(AA) 2283' max.

BUTTERNUT: Along Mill Brook Rd at Kelly Hollow brook.

ELM: Along Mill Brook Road

CARP: (B) 1892'; along Mill Brook Rd 1760'

HEM: (G) 1892' and (DD) 2102'; (M) 2228'.

TASP: (C) big, 2138'

OAK: Sapling at (DD) 2102'; mature tree at (EE) 1994'.

BB: dead at (E) = one ± 10" tree, 2069'

KAMAM: (K), adjacent to bog (R) 3076'.

OX: (B) under Hemlock 1892', then (M) 2696', (O)

CB: (O) at 2793'; (S) 3085'

VA: 1st at (N) 2740'; at (S) 3085'.
(O) 2793'.

SMM: (O) 2793'; (S) 3085'; (K)

Spiraea tom: (H) 2228'

R lac (J) } 2449'
R cynus (I) }

AA (M) 2696', (O) 2793'

Floras

Bog (R) 3076'	Lynch Knob 3085' (S)	Summit 3220' (V)
Cinn fem dom	few SUB BC dom	Trees to ± 40' BC dom
VV	B	B
NEMO	RM	SUB
RM*YB	MO	RM
SORBJ	MM	YB
VCASS	YB	RG
Sphag	VA	RA
Aronia mfl 10' high	\$	\$
Captis	UVUL	OX
Dryop. (camp)	CB	TB
Rhodo. ros. in fl.	MC	AA
	ERY	
	JM	
	Pcili	
	OX	
	Stiept	
	LL	
	Panax	
	Vacc ang	
	Ilex mont	
	Kamam	

15 minute walk to encircle the bog.

N
W side of bog

Old growth

Stump symbol on map = (O)

At (F), stone walls, 2140', SUB & B dom, some clumped probably following, stump sprouting

No stumps from (H) to (P), but a bun. ASL to about (L) 2581', suggests disturbance.

Possibly 1^o from (M) 2696' to (P) 3014' where stumps resume. SUB dom at (M).
YB, BC, SUB to 30" at (O) 2793'

Stumps on crest from (R) to (U) are widely-scattered, suggesting a light selective logging. Stumps with bark off, perhaps 20 to 30 yrs old.

Stumps re-enter at (X) 2733' although two above by 25' to 50', are doubtful [could be a normal break].
Pria 1^o: (V), E of (U), down to (K). SUB & YB to 28' at (U)

MORE
Herbs

27017

Polystichum braunii at (K) under BASS

Vincog (B) 1892'

Zizia (G) 2210'; (FF) 1958' in fl. both

VV (G) 2210'; (M) 2696'; (R) 3076'

Chrysosplenon (G) 2210'

Hydro (I), (K) 2299' to 2493'

Athyra (I) 2299'

Allium (I) in fl. bud, 2299'

Aris (I) 2299'

Osma (I) 2299'

Dicentra (I) lvs. yellowing 2299'

Caule (I) (M) 2299', 2696'; (W) 2832'

Lap. Thick from (H) to (N), 2228' to 2740' & very dense!!

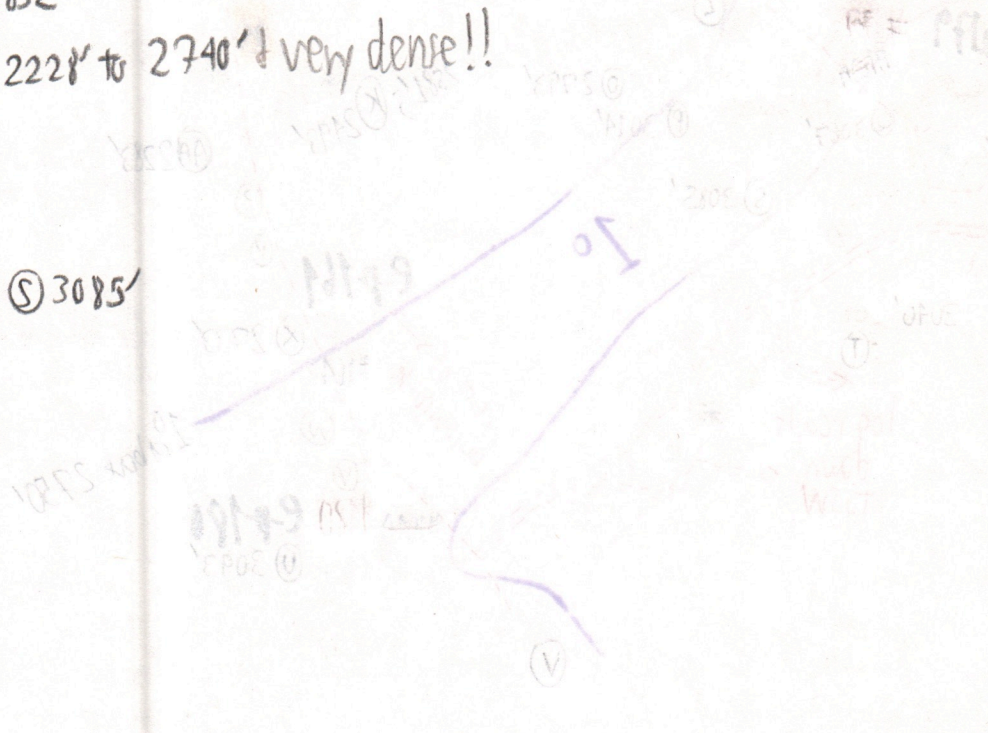
Botrychum va. (K) 2493'

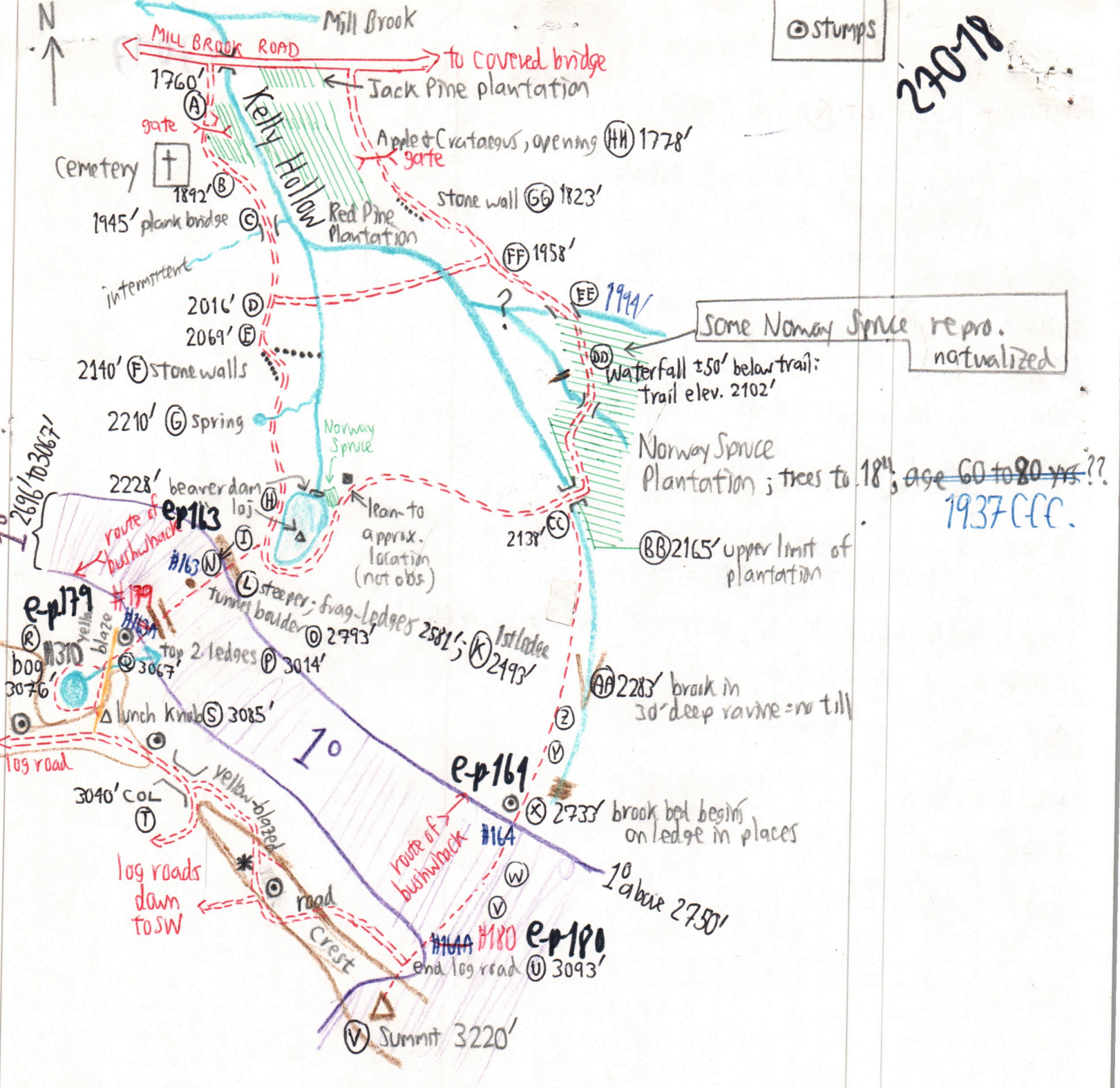
Anemone var (O) 2793'

LL (O) 2793'; (S) 3085'

Tiar (W) 2832'

PA (O) 2793'





stumps

27078

Some Norway Spruce re-pro. naturalized

Norway Spruce Plantation; trees to 18", age 60 to 80 yrs??
1937 CCC.

* pancake. < 12" thick with nil till depth attached. Lodge not visible. Gray mineral till on underside of roots is silty, but color of an E horizon! Gray SS causes the color, not leaching