

Brook
Cove Meadow

BALSAM LAKE MTN.

Chris Carey
5/17/87

260-17

Site	Map Elev	p	Δp	Δe	e	Time	rate
Mill Brook Rd.	(A) 2600'	29.14	0	0	2600'	8:43	
Leave trail	(B) 2870'	28.84	.42	370	2870	9:06	$\Delta p = 29.26 - 28.84 = 0.42$
	(C)	29.07	.19	167	2667		$\Delta e = 2870 - 2500 = 370$
	(D)	29.20	0.06	53	2553		rate = $370/420 = 0.881$
	(E) 2500'	29.26	0	0	2500	9:43-10:00	
Beaver Meadow	(F)	29.16	0.10	86	2586		
	(G)	29.10	0.16	137	2637		$\Delta p = 29.26 - 27.84 = 1.42$
	(H)	28.90	0.36	309	2809		$\Delta e = 3720 - 2500 = 1220$
	(I)	28.80	0.46	395	2895		
Firs on terrace	(J)	28.70	0.56	481	2981		
	(K)	28.55	0.71	610	3110	10:50	
	(L)	28.50	0.76	653	3153		
End logging	(M) e.p. 123	28.30	0.96	825	3325		rate =
	(N)	28.18	1.08	928	3428		$\frac{1220}{1420} = 0.859$
	(O)	28.10	1.16	996	3496		
brood terrace	(P)	28.04	1.22	1048	3548		
Firs on crest	(Q)	28.01	1.25	1074	3574		
N-Peak	(R) 3700'	27.88	1.38	1185	3685	11:48	
B. Lake Summit	(S) 3720'	27.84	1.42	1220	3720	12:02	Summit
Lean-tos	(T) 3600'	27.98					
Lower June.	(U) 2900'	28.74	0.00	0	2900'	1:45	$\Delta p = 28.74 - 28.26 = 0.48$
	(V)	28.62	.12	105	3005'		$\Delta e = 3320' - 2900' = 420$
	(W)	28.50	.24	210	3110		rate = $420/480 = 0.875$
	(X)	28.46	.28	245	3145		
Firgrove blaze	(Y) 28.30	.44	385	3285			
	(Z) e.p. 37	28.28	.46	403	3303		
Upper Junc.	(AA) 3320'	28.26	.48	420	3320'	2:37	
	(BB)	28.50	.75	720	3320	3:17	$\Delta p = 29.01 - 28.26 = 0.75$
Mill Brook Rd.	(B) 2870'	28.76	.25	240	2840		$\Delta e = 3320' - 2600' = 720$
	(A) 2600'	29.01	0.00	0	2600'	3:36	rate = $720/750 = 0.960$

FROM THE NE.

35mm of
beaver meadow
525 & 526
Beaver meadow
Continued
on p-260-57

260-18

See p 260-57

Dan Spada's Beaver Meadow 2500'

Mill Brook

flat base of slope

2600' Mill Brook Rd.

COL 2870'

Bushwhack route

Polystichum braunii
Ribes triste

3100' Spring

3110' terrace
230° true to summit
terrace 3153'

e-p. 123

ledge top 3225'
3428'
3496' last live SUGS

3548' dead SUGS

3574' Firs begin

N. Peak 3700' bog

Summit Tower 3720'

Balsam Lake Mtn.

leantos 3600'

spring

2900' Lower June

to Balsam Lake Club

lower limit of summit fir

Schoolhouse Mtn. fir popn.

Upper June 3320'

e-p. 37

3303'

3285'

3145'

3110'

3005'

2900'

Lower June

Black Brown

old log deck
shortcut to Graham Mtn.
to Graham Mtn.

Firgrove across *Veratrum* flat from trail.

? possible fir with hemlocks. The fir grove at (Y) could continue south on the ridge.

road on terrace with steep ledges below above.

Partial NW lookout: plantations on W spur of DGR

25149

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TREES

ASH seedlings (D)
 (E) to (H) 2809'
 (W) 3110' below trail
 (F) one at 2981'
 (D) 2553'
 (H) 2809'
 OST (BB) 3090': 3 trees at top of steep slope on road.
 HEM (E) down to (D)
 (V) Across valley to 28" of Black Brook

FIR (E) Beaver Meadow 2500'. (More below)

(K) 3110' on a wet & dry terrace. Ten firs to 6" x 25" in understory.

(Q) 3574' Firs reappear & increasingly more abun. to summit. Repr at (Q).

(E) Beaver Meadow: Two trees toward E side, ± 9" x 30" photo. Grove of 8 trees toward W side of Meadow, with 12" leaders & heavy cone crops for '87.

Grove at (Y) begins & extends N & up into Col (Z), (AA) & beyond the Graham Mtn. Rd-Junc. The largest cone of fir in this pop'n is at (Y) 3285' where there are 2 or 3 dozen trees to 40' x 10", some dead & no reprod. Baldern YB SW-facing slope. About a dozen firs at (AA) to Graham Jc.

TREES

PIN 12" x 50' at (C)

RM infl. at 3700' (R)

SORB (K) 3110'
 (Q) 3574'
 (Y) 3285'

BC 2981' (J) Common
 3110' (K) dom
 with YB, 3428' (W) dom
 with B, 3548' (P) dom

BASS 2553' (D)

SUG From (E) Beaver Meadow, common up to but not including (K) 3110' terrace. Reenter at 3153' (L) but becoming scarce by 3428' (N) to 28" line at (O) 3496'. Dead SUGs at 3548' (P). No more above on N slope. 28" to 36" at (U) 2900'. 40" above (X) 3145' above Black Brook. OUT at (Y) Dom at (J) 2981'

SHRUBS 260-19

VA infl. (K)

MM 2586' (E)

AMEL
 (1) infl. Lvs slightly pub & slightly copper at 3110' (K)
 (2) Strouler pubescent & lvs. somewhat copper (AA) 3320'
 (3) Copper lvs with slight pub. at 3548' (P)

ILEX MONT 3110' (K)
 Between (B) & (C) 2870' to 2667'.

LONICEBA common betw. (B) & (C) 2870' to 2667'

RIBES TRISTE
 Not above (E) near W side log road.

BEAVER MEADOW 2500' (E)

RM-YB-SUG-B, FIR, ASH (here all wet site spp, prob relicts predating flooding)

Fir 2' tall at top baldern with Polypody & deer-accessible at (Y)

FOREST HISTORY

First growth from (U) 2900' & probably below until Gould's Line at (Z).

On N spur of B-Lake Mtn., from (M) 3325' up. Last stumps at (L) 3153'.

MO following logging age > 20 yrs and 6" to 7" DBH x 45' above (C). PIN here suggests (at 12" x 50') logging in 1950s. Some stumps are older.

Log roads clear from both shores of Beaver Meadow up to 2845' (T).

Widely scattered SUB & B to 24" in logged area betw. (I) & (J) 2845' to 2981'

Deer browse line about 5' above ground on most trees conspicuous.

3110' terrace (K) has BC dom, some B, YB, FIR, SORB. BC-PB dom at 3428' (N).

HERBS

at 2553'

ALLIUM
 DENT
 DIC
 TIAR
 ARTS
 CAULO
 LAP
 VC
 CLAY m fl.
 Robert
 PA
 V pub
 AFF
 V purp.

Dry hills under
SUB-ASM-OST-BASS.

Beaver Meadow (E)
2500'

Heracleum
[fruits collected]

Thalictrum polyg.
 Onoclea
 Sphagnum
 VV
 Tussilago
 Saxifraga penn? (big)

CAULO at springy
area with OST at
(BB) 3090'

POLYSTICHUM BRAUNII

Just above log road
on W shore of Beaver
Meadow at base of
ledge betw (E) & (F).

Just S of fir grove,
5 plants, with
CAULO
OSMUNDA CLAY.
DIC CAN m fl.

UVUL & OX dom ground
Cover in balders col
2870' (B)

OX, ERY, LL, VV flat at
(J) 2981'

SPH AG, VV at (K) 3110'
MC

W, AA at (L) 3153'

VV at 3428' (N)

VV, CLAY, ERY m fl at 3496' (O)

CB at 3574' (P), RA on
open ridge. At 3005' (V)

CC 1" tall & growing on
summit (S)

Lean to below (T)

VV & Heracleum?

3145' (X) in all
Heracleum?

Thalic
Allium
VV
& damp floor

3218' (Y) on
YB-FIR balders
slope:
OX, CB, CLAY/
ERY above
VV floor

SOILS 260-20

3' gully: fine ledge in
steep log road between
(G) & (H) 2637' to 2809'.

18" cake at 2981' (J)
At (K) 3110', part of the
fir terrace has frag.
ledges at surface.

12" cake at 3428' (N)
24" cake at (X)

SUB-B-BC-YB only at (U)
B to 18"

YB to 36" at (W) 3110'

More Forest History

Doc from a truck on 3110
terrace (K): "Wranovics
Arkville NY". Truck could
date from 1950s & be
somehow connected with
logging?

Leaf at just beginning
at 3325' (M)

Leaves at maybe 1/4 at
at (AA) 3320'.
1/4 at 2870' (G)