

Hunter Mtn via Spruce-ton Trail

9/14/196 340
42

Site	P	Δp	Δe	e calc	e map	time	rate
A Trail Head, Hunter Brook	29.38	0.00	—	—	2090	8:45	
B Hunter Brook bridge	29.23	0.15	134	2224	2190	8:58	
J Jones Gap	28.42	0.96	858	2948	2920	9:27	
M Spring spur	27.93	1.45	1296	3386			
O Robb lean-to	27.84	1.54	1377	3467		9:49	
P Colonel's Chair Trail Jc.	27.64	1.74	1556	3646	3630	10:00	
Q 1st level	27.58	1.80	1610	3700			
R x-bedded rock	27.53	1.85	1654	3744			
S new lookout to Blackheads	27.52	1.86	1663	3753		10:17, 12:22	
T Spring Junc. (end-of-hike on 9/10/196)	27.50	1.88	1681	3771		10:22-10:48	
U Spring	27.55	1.83	1636	3726			
V terrace below spring	27.57	1.81	1618	3708			
W Hunter Summit - tower	27.20	2.18 2.14	1950 1950	4040	4040	11:00-11:18 11:48	
X on phoneline, 5ft ledge	27.25	2.09	1904	3994	e-p.237		
Y end exploration on phone	27.36	1.98	1804	3894			
Z PB on trail	27.40	1.94	1767	3857			
T Spring Junc. e-p.231	27.50	1.84	1676	3766		12:10-12:23	
P Colonel's Chair Jc.	27.66	1.68	1530	3620	e-p.234	1:05	
AA big PB's AAA →	27.70 27.80	1.64 1.54	1494 1403	3584 3493			
BB enter burn	27.84	1.50	1367	3457	e-p.53		
CC enter ski trail	27.90	1.44	1312	3402			
DD leave ski trail	27.96	1.38	1257	3347	e-p.232	1:33	
EE mid-bushwhack	27.92	1.42	1294	3384	e-p.233	1:55 to 1:58	
N Spruce-ton Trail	27.90	1.44	1312	3402		2:03	
M Spring spur	27.94	1.40	1275	3365		2:07 to ca. 2:20	
L 10' ledge	28.04	1.30	1184	3274			
K forest description	28.22	1.12	1020	3110			
J Jones Gap	28.43	0.91	829	2919		2:44	
(continued)							
29.34 A							

$$\frac{\Delta e}{\Delta p} = \frac{4040' - 2090'}{29.38'' - 27.20''} = \frac{1950'}{2.18''} = 0.894$$

$$\frac{\Delta e}{\Delta p} = \frac{4040' - 2090'}{27.34'' - 27.20''} = \frac{1950'}{2.14''} = 0.911$$

(I)	28-60	0.74	674	2764		
(H)	28-66	0.68	619	2709		
(G) Culvert	28-72	0.62	565	2655		
(F)	28-82	0.52	474	2564		
(E) Culvert with stonewalk	28-96	0.38	346	2436		
(D)	29-06	0.28	255	2345		
(C) lower switch back	29-14	0.20	182	2272	2290	3-12
(B) Hunter Brook bridge	29-21	0.13	118	2208	2190	
(A) Trail head	29-34	0.00	—	—	2090	3-28

340-43

$$r = 0.911$$

Tree Ages

YB between (Z) + (T): 24" tree, broken off, too rotted for a count, but one less-rotted piece of wood showed 12 to 15 rings/inch. At this rate, a 12" radius would mean 12×12 to $12 \times 15 = 144$ to 180 years.

Tree #44

SPR, also between (Z) + (T): broken at eye level, 16" diam., 75 to 80 rings/acre 5" radius. For 8" total radius, extension would be 120 to 128 years at same rate.

Tree #45

SPR at (C), 12" broken at 3' above ground, dead probably >10 years, some twigs left on damaged crown. 90 to 100 rings total.

Growth rates, SPR & FIR saplings between (S) + (C): 3" to 12" / year for leader shoots. Mean is about 6"/year.

SPR at (AAA) cut to clear trail, maybe 20+ years ago, 120 to 125 years at 16" diam; stump across trail is 20" diam. at base.

Descriptions (340-45)

(B) Widely-scattered mature spruce but many saplings in area. Accord & div. at bridge. BT (tooth) & PB scattered.

(D) HEM (upper part) 2345

(E) ²⁴³⁶ LSP, OSMA, IMP, EUP, R ODOR

(F) BASS 2564

(H) ²⁷⁰⁹ ASN, Accord, A div, Scaes, Hrevacium paniculatum?

(glabrous) with open, wide panicles.

(I) ²⁷⁶⁴ PB locally in pockets, scattered, not dom.

3260 ft knob obvious across Hunter Brook.

BEECH 8 to 12" many with dead branches, Saplings in full foliage. BC to 20", SPR a few to 16"

(J) ^{2919 to 2948} SUB dom to 50'. Jones Gap

No log or bark roads obs. between (B) & (J) or above (J) anywhere branching off the trail.

(K) ³¹¹⁰ Small fir, 16" SUB, 20" SPR.

No bum. No stumps, but NO trees > 24", most < 12".

Logged 20'.

(L) ³²⁷⁴ Scat. fir & small SPR. under SUB-B-YB atop 10' high ledge

(M) ^{Spring 3365 to 3386} SUB at spring on trail at YB dom Spruce, but few above, to 30' x 12". Beech, YB, Aster pin.

(N) To the NE, branching off the trail, ^{Scat. SPR} 3402 is a short false "log road", prob built as access to the phone line. On the descent, MK by accident, entered this road at the end of the bushwhack.

(O) ³⁴⁶⁷ lean to FIR-SORB-PB-PIN- to 20' stunted.

(P) ^{3646 to 3620} Jc.

(Q) 3700. Abrupt forest changes from (Q) to (T), depending on blowdown history. ≠ Open spruce.

(B) dense spruce. Trail flooded.

(R) 3744

(S) Lookout to Blackheads (new), ³⁷⁵³ 20' high ledge. Below, on a terrace are SPR about 50' x 12" ±, as obs. from the distance. PB-SORB-FIR- May be 10'?

(T) Spring Jc. 3771 to 3766. (End of 9/10/96 hike) The spring is in a rock shelter overhanging ledge at 3726 ft, (U) and a terrace below at 3708 (V). The terrace has wet spots with

Sphag, AA-Apunic. 3 YBs 24 to 28", 1 live. Dead YB with 10" high stump, > 30" DBH.

SPR 12" x 50'. A road-like ramp descends from the spring to the fence, but a metal pole \rightarrow with 2 insulators suggests that it was used as a phone line at one time.

At 1st, several stumps without logs suggested a logging, but a return visit on the descent showed these stumps too small for commerce. Perhaps the logs rotted before the stumps.

PBs between (T) & (O) range from 4 to 10" DBH ∴ not.

(W) 4040 Summit. One disturbance but several. Cudweed, Solid-rgt gram.

Descend Phone Line
1st pole, upright
⊗ 2994'. 5' ledge with dense fir above. NO stumps, except those to clear phoneline, and logs present with these stumps.

2nd pole, dam
3rd pole, upright
Ⓟ 3894'. More open forest of FIR-YB-SORB-PB, a few SPR to 30' x 10 to 12" Much \$ camp, brown.

Y. continued
YB scat to 20' NO
stumps.

Sto R to Q Ridgecrest has
no old trees. Fir thickets
Follow 1950 & 1954 blow
downs. No thickets occur
below the crest of the ridge
or Lookout S.

Above R scattered,
emergent pre-blowdown
SPRUCE survivors with FIR
thicket beneath.

A Knob, which shows
on the USGS sheet, rises
10 to 20' above the level.

Lower flooded area
with fir thickets.

Open spruce stand
with a burn. Seedlings of
3 spp: SPR, FIR & PB.

1 big stump without a
log obs; is this evidence enough
for a logging?

Recent blowdown:
NO charcoal in pancake.
One of 6" SPR with E
horizon.

This whole crest has
been shaped by a complex
history of blowdowns.

340-46

P Powerline about 50' N
of trail & parallel.
Similar situation at N.

COLONEL'S CHAIR SPR
AA YBs to 28" ep. 234
3584 Cut SPR described on OT
Tree #46
2nd page under AAA
"Tree Ages". 3493

BB 3487 End of burn. About
Change from 1° above
to PB dom below, ep. 53
Max PBs 10". NO
big trees. SPR & FIR
terrd.

CC 3402 Open ski slope
dom by Sugiara, AA,
Diervilla, RS, S bicolor,
Sgram & Anaphalit.
PB dom to 30' x 10",
reproducing out onto
edge of ski slope.
Widely scat. SPR,
PIN, B+MO with the
PB forest.

Bushwhack DD to N

1:33 Divergence at DD 3347 on ski
trail where bedrock is exposed
at surface. Head on contour
as best as possible, SW, toward
Spruce on trail. Ledge below.
Steep slope with dense veg.

1:42 Out of burn. No blaze
observed. YBs to 16" begin
ep. with SPR to 12" to 18".

332 Steep 35° slope, with ledges
& talus, balding, MM. 10

1:55 to 1:58 EE 3384. 3rd large
ep. stump seen without log.

233 Out of narrow 1° tongue.
Climbing a little if necessary
to get toward ledges to:

2:02 tangled in phone wire

2:03 N on trail.

Was the blowdown along the crest of 1° or
of logged and/or burned 2°?

340-47

Westkill Valley

Rt. (42) ————— 0.0 mi

Syncester Church ————— 4.9 mi

Extensive Norway Spr.
plantation S of road,
on base of slope
below Westkill Mtn. — 5.2 mi

Trail head, Hunter Brook — 6.7 mi