

Lost Clove Headwaters

east of Belleayre - Balsam Col

8/17/08

210-42

STP	p	Ap	ΔE	e calc	e map	Time	R
(A) Rider Hollow Trailhead	29-46	0.00	—	—	1980'	11:26 AM	$\frac{2880' - 1980'}{29-46' - 21-50'} = \frac{900'}{0.96''} = 0.938$
OAK						11:51	
(B) trail junction	28-50	0.96	900	—	2880'	12:10 PM	
(C) col	28-55	0.91	854	2834	2840'	12:21	
(D) big SVGs begin	28-46	1.00	938	2918		12:37	
(E) base of Annotinum ledge	28-30	1.16	1088	3068		1:00 lunch stop (1st)	
(F) slope steepens	28-40	1.06	994	2974		1:13	
(G) highest ASH	28-55	0.91	854	2834		1:25	
(H) more ASH; RM	28-64	0.82	769	2749			
(I) terrace	28-70	0.76	713	2693			
(J) understory HEMS	28-77	0.69	647	2627		1:46	
(K) top HEM grove	28-86	0.60	563	2542		1:55	
(L) BASS, two	28-98	0.48	450	2430		2:07	
(M) end hike in ravine	29-05	0.41	385	2365		2:30	
				2353x			
	29-05	0.38	360	2340			$\frac{2880' - 1980'}{29-43' - 21-49'} = \frac{900'}{0.95''} = 0.947$
(N) BASS + OST	28-89	0.54	511	2491			
(O) ridge granch begins	28-73	0.70	663	2643		3:00	
(P) cove; dotted ASH	28-56	0.87	824	2804		3:13	
(Q) on trail	28-43	1.00	947	2927		3:40	
(B) trail junction	28-48	0.95	900	2880	(2880')	3:50 to 4:08	
(R) Bigtooths	28-75	0.68	644	2624			
(A) Rider Hollow trailhead	29-43	0.00	0	—	1980'	4:53	
	28-53	0.90	852	2832			

Some general thoughts on 20: Nil damped trees for ring counts. Also, BC abundant on what should be a site moist enough to support SVG. The BCs might have followed a disturbance such as logging, but could be wind-ice-snow also

Tree age estimates:

#7

ASH at (P) fallen & broken, all measured with 6" ruler carefully.
 40y in 7" of radius $7/40 = 12/? = 69y$
 43y in 6" of radius $6/43 = 12/? = 86y$
 36y in 5" of radius $5/36 = 12/? = 86y$
 dbh 24". Full radius 12". These are 3 separate estimates of same tree. Mean estimate = 80y
 Add ± 10 years since falling. Bark still on for I.D. Tree established about 1918?

BILGOTHS at (R) range from 12" to 17" dbh
 Use regression curves to estimate age. Several more just above the HEM grave.

#18

HEMLOCK fallen & broken in Mine Hollow Grove:
 22" dbh at 2.5mm/y, rapid growth. Radius 11" = 279.4mm
 $279.4 \text{ mm} / 2.5 \text{ mm} = 112 \text{ y only!!}$ When did break occur? Noted in earlier field notes? If break is several years old, then tree ^{was} established about 1888.

Road up Mine Hollow is too well-built for only a bark road (See 35mm # with Gary Lovett on it). It probably was built as a bark road & subsequently "improved" as a logging road. But when? Once the bigtooths start breaking (R) off, do ring counts to date the logging above the hemlock grave along the trail.

The Mine Hollow Trail above the hemlock grave seems to be built as a hiking trail & not used earlier as a road.

Largest dbhs for each species in crume.

210-44

Just below HEM grove in Mine Hollow: 1 oak along trail on SE side, about 20' in elev. lower

(C) One ASH in col, but ASH pupin did not climb into the col only from the west side. See below
2840'

(D) Large SUBs begin, but this may not be an e-p. There are a few large SUBs below col between (B) and (R) also in a 2° stand. 2918'

(E) 306' MM, SCAMPYL at ledge base. The SUB-LOP glade continues for a short distance E of trail & then is bounded by a B thicket. Slope gently down to ME.

(F) One SORB seedling, prob. from Annotinum ledge 2974' above (E). Mtn side curves around from N to E, tightly.
36" SUB, 36" YB.

(G) 2834 Small LOP glade. Highest ASH on descent 33". SUB 30", YB 28". Elev.

(H) 2nd ASH [Same as col (C)] on descent 13". 2749' and RMS 22" & 30" suggest top of 2°, but fact below says that 1° continues ^{on} well below.

(I) 2693' Small terrace. \$Mtemedia. Few trees locally > 24", again suggesting 2°, but no.

(J) 2627' Two 6" HEMO in understory. YB 24". ASH 22" about 20' below HEMO in elev. Then two 33" SUBs, 30" SUB, PA & Adn begin ^{lower} slope ground cover.

(K) 2542' Top of HEM grove. HEMO only scattered, ^{only} 7 visible at one time. Hardwood-dominated. SUB 30". Turn more NW here and head gently obliquely down slope to ravine instead of very steeply down NE.

(M) 11" x > 50' tall!

(L) BAST 18" & 12". SE 2430' of the 2 BAST are SUBs & HEMO to 24" → 26". several.

(KK) Top of steep LOP open seep. 30" SUB, 20" ASH, 18" ASH, 9" OST. Adiantum. HEM 27" YB 22", 26".

NO roads, NO ledges, NO pioneers anywhere on whole slope.

HEMO too scattered for a banking.

(M) 2353 End explanation in ravine (no flow now) where it begins to turn from NE to E and abruptly deepens from about 20 ft to near 40 ft. Two trib ravines from the NW enter here. See notes of 11/6/06 (pp. 205-1ff) for the ravines downstream. No ledge, LAP abn. ASH abn. from here up to trail. 30" ASH 30" SUB betw. the 2 trns. 24" ASH below. 10" OST. 28" SUB. 3 more ASH, 12" to 30".

(N) 2491 33" SUB, 8" OST, BASS. 24" ASH, 30" ASH, 30" SUB, YB 24", 24" ASH, 26" SUB. ASH 22" & 30". Very steep slope becomes only moderate

(O) 2643 Only slight defol-on some SUBs in these Lost Cove headwaters. 3 more ASH: 12" to 30". Then 1st DP glade & LL move, approaching ridge face. 24" SUB

(P) 2804 Small Cove just to N. 20" ASH + another to NW above. Between it a fallen ASH 24" from which a ring count was made (see p. 210-43) 1st BC obs on ascent 22".

