

# Willowemoc Headwaters

280-51

6/23/04

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Site	P	Δp	Δe	e calc	e map	time	R
(A) Round Pond Outlet	29.75	—	—	—	1946		$\frac{3377' - 2610'}{29.06' - 28.20'}$ $= \frac{767'}{0.860''}$ $= 0.892$ <p>(C) to (H)</p>
(B) Leave vehicle, Black Bear Rd.	29.07	—	—	—	2580	8:47 AM	
(C) Leave Black Bear Rd.	29.06	0.00	e-p #1133	2610	2610	9:00	
(D) Crest of Erwin Ridge	28.76	0.30	268	2878	2850	9:22	
(E) veg.	28.75	0.31	277	2887		9:50	
(F) Cross the Willowemoc	28.73	0.33	294	2904		10:10	
(G) on S spur Summit 3377'	28.46	0.60	535	3145			
(H) Summit 3377	28.20	0.86	767	3377	3377	10:50 to 11:25	
(I) col	28.40	0.66	589	3199	3200	lunch	
(J) Summit 3310'	28.30	1.08	950	3310	3310	12:10 to 12:25	
(K) veg; 3 big boulders	28.34	1.04	915	3295			$\frac{3310' - 2360'}{29.38' - 28.30'}$ $= \frac{950'}{1.08''}$ $= 0.880$
(L) veg	28.50	0.88	774	3134			
(M) veg	28.68	0.70	616	3006			
(N) 10 ft ledge	28.80	0.58	510	2870			
(O) Turn off spur to SE	28.94	0.44	387	2747			
(P) ASH - still 10	29.04	0.34	299	2659		1:30	
(Q) steeper down begins to (R)	29.18	0.20	176	2536			
(R) Spring, 1st (photo) #1370	29.23	0.15	132	2492		1:42 to 2:PM	
(S) Spring, 2nd	29.32	0.06	53	2413			
(T) Bishop Cabin Brook	29.34	0.04	35	2395		2:15	
(U) cross the Willowemoc	29.34	0.04	35	2395		2:25 to 2:35	
(V) snowmobile trail; 255y SUV	29.30	0.08	70	2430			
(W) steeper up, ASH & NEM	29.22	0.16	141	2501			
(X) stumps; IVS NK	29.04	0.34	299	2659	e-p #1134	3:PM	
(Y) Erwin Ridge crest	28.88	0.50	440	2800		3:30	
(Z) Cross dry ravine	29.14	0.24	211	2571			
(AA) Red Horse Hunting Club	29.28	0.10	88	2447	2440	3:47	
(BB) Black Bear Rd at Red Horse	29.38	0.00	0	2360	2360	3:58	
(A) Round Pond Outlet	29.81				1946		



# Vegetation

280-52

**First Growth:** Appears to begin between (C) + (D), the only indication of human activity along the crest of Erwin Ridge being the recent snowmobile trail (see field notes of 5/16/'02, pp. 280-46ff). Continuous 1° all day with NO signs of roads, stumps, or pioneers except for the recent snowmobile trails at (HH), (KK), (V) + (Y). On leaving, stumps on private land at (X) indicate end of 1st growth.

ENTRY POINTS ## (CC) <sup>133</sup> at 2750', (H13A) at 2650' (X)

- (CC) BCs several > 30", one tapered at 36.3" dbh but soon divides into 2 trunks. SUB-YB. Ground cover OX, LL, \$, but not continuous. Bare litter common.
- (D) BC dominant, some B, scattered SUB atop Erwin Ridge
- (DD) BC down with cake 24" deep and 25% to 30% stone in soil.
- (E) YB dead, measured 35.6" dbh. Ilex montana. Another dead YB > 30". 24" BC dead. Natural stump 30 to 40y old, much less rotted than its log. 24" dbh SUB, broken off: 125y in outer 6" radius. Inner 6" radius heart rot. Could have been > 200y. Tree #49
- (F) Wetter area near the Willowemoc headwaters. Very gentle slope with spring feeders: CAULO, MILIUM, ALLIUM, LAP, HYDRO, IMP, THALIC. SUBs to 30". SUB dom to base of ledge at (FF). The Willowemoc is in a till ravine 10' deep, no ledge, but no water in it either.
- (G) BC-B dom. on spur. Photo of pure BC grove. Few SUB nearby. Ox brown on low ledge.
- (H) Photos of fern glade \$campryl, \$campryl rhizome, & view to B. Lake Mtn. B-YB dom, MO, \$campryl prolific, OX.
- (I) COL: BC dom, <sup>YB</sup>B, few SUB. \$campryl, OX, ERV, UVUL. Pocket of dead mature beech at W end of col. Reascent to dome (J) begins. BC-B dom. 1 SUB.
- (J) Photo of dead beech with <sup>its</sup> sprouts & DP beneath on NE shoulder.
- Compare with Oct. 1, 1990 notes on pp. 280-3ff for condition of beech. Nothing on pp. 280-3 to 6 on Beech. See p. 280-18, (M), at 9/20/90, instead.
- Summit veg. B dom; YB & BC few. Canopy 40%. MC, LL, TE, OX, \$campryl.

- (K) Few SUB at 41'. No ledge exposed anywhere. Boulders. [continued on p. 280-54]



- (K) Snowmobile trail with cut stumps, recent, 1 1/4" at base.
- (L) Forest very uniform & with low diversity. All climax spp. A few more SUBs as soils deepen downslope. BC to 24".
- (M) Even more SUB, becoming common, but B & BC still dominant.
- (N) NYFem glade breaks the monotony. No springs at all from (J) to (R)!! TB, xill, \$ under mainly Beech. The only ledge seen on this spur & only 10 ft high.
- (O) DP under BC on terrace. Leave spur. BCs to 32.2" dbh. Then RM, Ilex more, dead 28" Beech, dead 40" PB, 30" live SUB.
- (P) 3 ASH, the 1st seen. SUB dom to N. 24" live beech.
- (Q) Begin steep short descent to spring at (R)
- (R) Spring [Aspen #]. This one's a beauty, very stony <sup>& sunny</sup> with much water flowing between the cobbles. Emerges from beneath the surface a short distance above, not as a slender rill but as a broad stream Photo 10 to 20 ft across. 48°F, pH 5.15. IMP-Chryso plus a small cressifer. Low diversity. *prob. Cardamine pen.*
- (R) to (S) SUB grove to 24". 1st Hemlocks seen all the hike, three at 6" DBH.
- (S) 2nd spring with ASH to 36" & NEM to 28".
- (T) Bishop's Cabin Brook in 10' deep till ravine. RM 24" beyond.
- (U) Willowemoc Creek - 57°F, pH 5.2. Two abandoned flood plain terraces on west side resemble log roads but no. Scattered NEM.
- (V) Snowmobilers bucked a SUB which had fallen on their trail. 23" dbh at 10' up with 255 years! Fresh rings. Two more similar-sized SUBs live adjacent. Tree # 50
- (W) Steeper up. ASH, NEM.
- (X) Cross into private land with stumps of 2 age classes. 5 to 10y, 25 to 30y. Log road to south heads down, crossed, but not followed. Cross a 2nd blaze back into SNK & no more stumps??
- (Y) CUC thicket on Erwin Ridge. Another snowmobile trail.
- (Z) Dry ravine 10' deep in till. Combine these with 6/20/04 ascent of Balsam Lake Mtn, field notes pp 260-37 to 42.

Light meter observations: (E) In west-facing slope at 10AM under B & BC < 1 to 2, 3 to 4 max. Baked ground cover sparse, but spp. same under dense beech.

(1050) (J) 3.5 to 5.5 in open \$campyl glader, max 6.5 in full sun. (1051) (N) Under beech 2 & 3 clones; DP glades under BC 4 to 5. (1052) (P) to (Q) 1 to 3 under beech. (I) 3 to 5 (1049) BC dom.

(1051A) Light meter site # in red also.





For "connecting" field trips, see:

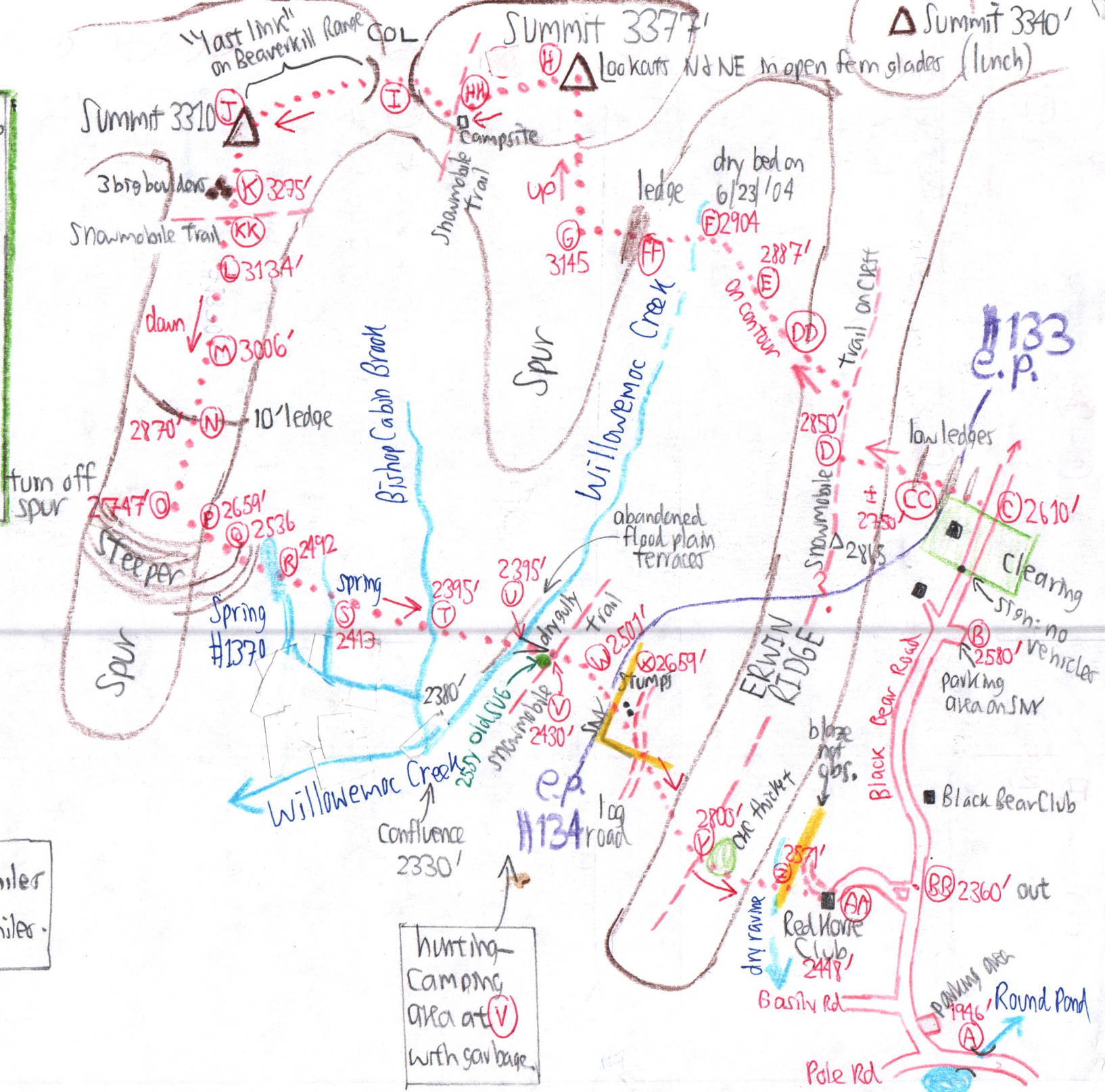
Summit 3310:  
p. 280-3 ff of 10/1/90.

Summits 3377 & 3340  
p. 280-22 ff of 6/5/97.

Summit 3340:  
p. 280-46 ff of 5/16/02

# 280-54 MAP

(B) to (BB) - 1.25 miles  
(BB) to (A) - 1.5 miles



Hunting-Camping Area at (V) with saw base.

Summit 3340'

Summit 3377'

"Last link" on Beaverkill Range

Lookouts N & NE in open fern glades (lunch)

Summit 3310

Composite

3 big boulders (K) 3275'  
Snowmobile Trail (KK) 3134'

Snowmobile Trail

dry bed on 6/23/04 (E) 2904

ledge

(E) 2887' on contour

trail on cliff

Spur

down (M) 3006'

Bishop Cabin Brook

Willowemoc Creek

2870' (N) 10' ledge

turn off spur

2747' (O)

(P) 2659' (Q) 2536'

Steeper

Spring #1370

spring (S) 2413'

(R) 2492'

(T) 2395'

(U) 2395'

dry ravine

(W) 2507'

abandoned flood plain terraces

(X) 2659'

Snowmobile (D) 2850'

(+)

(C) 2610'

(C) 2610'

Clearing

stan: no vehicles

(B) 2580' parking area on SM

ERWIN RIDGE

Black Bear Road

Black Bear Club

blaze not obs.

one thicket

(P) 2800'

(S) 2871'

Red Horse Club 2448'

(BB) 2360' out

dry ravine

Basin Rd

Parking Area 1946' Round Pond

(A)

Pole Rd

133 c.p.

1134 c.p. log road