

Catskill Mtn. Club hike with Chris Olney 5/6/06
 to measure the 1^o SUGS in Black Brook

25415

Tree #	dbh with d-tape	diam. at count level	broken off at	# rings in # inches of radius		Projected age	
					Full radius		
① fallen Tree # 32	29"		20ft up	50 20	3" 1"	14.5"	$\frac{50}{3} = \frac{?}{14.5}$ 242y } $\frac{20}{1} = \frac{?}{14.5}$ 290y } <u>266</u> Overestimate?
② fallen Tree # 33	26"		6ft up.	100	8"	13"	$\frac{100}{8} = \frac{?}{13}$ 163
⑦ standing 2 photos	40"		standing, 1m	NO COUNT		20"	Projection from 31" dbh = 200y mean = ± 258 y 40/31 = ?/200
③ Tree # 34	24"		?	60 to 70	4"	12"	$\frac{60}{4} = \frac{?}{12}$ 180 } $\frac{70}{4} = \frac{?}{12}$ 210 } <u>195y</u>
④	28"			NO COUNT		14"	
⑤ ⑧	32" 34"	not below ⑥		NO COUNT NO COUNT		16"	
⑥ Lunch 109 2 photos Tree # 35	36"	32"	10ft up	140 to 150	13"	18"	$\frac{140}{13} = \frac{?}{18}$ 194y } $\frac{150}{13} = \frac{?}{18}$ 208y } <u>201y</u>
MEAN	<u>215/7</u> <u>31"</u>						$\frac{242+163+195+201}{4}$ <u>= 200y</u>

Most additional hollow broken trunks & limbs grow about 20 to 25y/inch radius
 in outer portions. Inner missing rings are wider perhaps 8 to
 10 rings/radial inch. Using a mean of 15 rings/radial inch, a 15.5" radius
 = 31" dbh tree would be 233y.

Other notes from Black Brook-Tunis Pond hike 5/6/86 (284-16)

Site	P	Ap	Δe	e calc	e map	time	R
(A) Balsam Lake Trailhead	28-70 ⁿ				2540'	9:30 ± Am	
(B) Top of clearing	28-55 ⁿ				2670'		
(C) Jc. of B. Lake Mtn trail to Millbrook Rd.	28-28 ⁿ				2900'		
(D) Black Brook Gorge on ledge	28-58 ⁿ					10:50	
(E) lunch stop; Cant of Tree (6)	28-58 ⁿ					12:30 PM	
(F) Black Brook on E side of valley	28-68	-					
(G) No more big SUBS 2° on W side	28-70						
(H) 2° on E side	28-78						
(I) wide flood plain both sides	28-80						
(J) Black Brook Bridge	28-86				2360'	1:23	
Summit on N-H trail							
(K) trail Jc. with Beavertail Rd.	28-80				2420'	2:18	
(M) Lv. B'kill Rd. enter skid road	28-76			2.1 miles from (A) according to sign	2460'	2:30	
(N) skid rd. to NW	28-67				2500'		
(O) Tunis lower dam	28-65				2560'	2:44	
(P) return to B'kill Rd.	28-80				2480'	3:25	
(M) skid rd from NNE	28-84				2460'	3:40	
(L)							
(K) summit on N-H trail	28-74				±2540'	—	
(J) Black Brook Bridge	28-96				2360'	4:35	
(A) Balsam L. Trailhead	28-76				2540'	4:54 PM	
(G) Photo of 40 ^m sub above (D) along Black Brook	28-46						

Calculate these at a later date

Vegetation notes, other than SUG aged size detail

25417

(C) to (E) Steep down towards Black Brook, no ledge, but very baldy talus with KB, Samb, RA, mod. Beech sprouts, thick above between trail & steep slope

(G) cut of big SUG, but still prob. in 10 on E side of Black Brook. 20 on W side

(H) 20 both sides Black Brook. Largest sub 18". ASN. Road obs. in 1998 not seen today.

(I) Flood plain wide on both sides of Black Brook.

Along Neversink - Hardenbergh Trail: Scarf. fir NW of Uly. Pond Outlet

Fir quite common from (L) to (P) with dense patches of saplings very locally. None in most places.

Scattered ^{for} from (M) up the skid road to Tunis Pond lower dam.

Apple trees & several borrow pits at (P)

Landslide on S bank of Beaverkill between (M) to (P)

Tunis Pond

No fir at Lower dam (O).

Along S shore of Tunis Pond there are NO fir today except 1 30x10" tree at Upper dam. 1 more at SE corner near overflow outlet. 1 further N on E shore.

See field notes pp.

260-22 of 9/27/90
255-2 5/18/03

The popln. of fir in Betty Bakers 1920s photo is gone, although there are many in the B'kill Valley 1/4 mi south today.

A blowdown or other disturbance must have set the popln off in mid-19th century and a replacement of Kem-Nhdudo prohibited fir repro after 1920s.

Between the lower upperdams on the S side of Tunis Pond is a very narrow moraine separating the pond from the B'kill drainage proper.

Flora along S shore of Tunis Pond: Rhisp abun, Coptis, Chidgens, Ex follic or (wide lvs)

Peat consistently 6 to 8" deep at edge of meadow, except #38 12" to 24" at upper dam, maybe worth sampling!!

Beaver meadow has abun. Sphagnum (photo looking NW toward lower dam).

New:

5/6/06

254-10

1. Cradle Rock Ridge public access about 1/4 mile E of "Castle" along Beaverkill Road. DEC sign, but no apparent trail.
2. Cross Men Road - powerline through E side of notch built in 2005 to serve a new house at NE end of notch. Electrical connection is from the Alder Lake Rd. on the South.
3. Follow the skid road up from E of (K) mold perforator (see where it ends

