

230-22 Recknagel's Bum on Big Indian Mtn.

5/30/96 with
I.E.S. people
Gary Lovett &
Kathleen Weathers

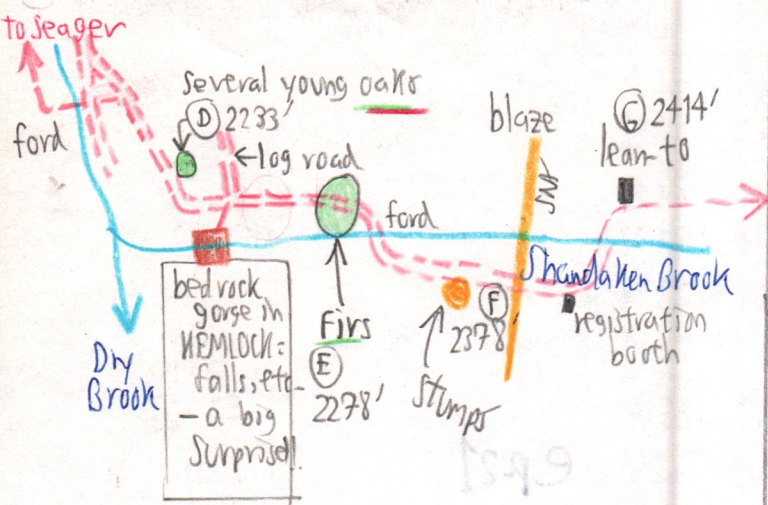
Site	p	Δp	Δe	e calc	e map	time	rate
(A) Seager trail head	29.73	0-00	0	1970	1970	10:10 AM	
(B) <u>CARP</u> + <u>ELM</u> + <u>OAN</u>	29.66	0-07	63	2033			
(C) base of flume	29.60	0-13	118	2088			
(D) below Shandaken Cr.-confluence	29.44	0-29	263	2233			
(E) <u>firs</u>	29.39	0-34	308	2278			
(F) blaze SNY	29.28	0-45	407	2378			
(G) lean-to, Shandaken Brook	29.24	0-49	444	2414	2400	11-25	
(H) <u>ELM</u> + <u>ASH</u>	29.13	0-60	544	2514			
(I) end of road; <u>spice</u> on N	28.94	0-79	716	2686	e.p.21		
(J) end of steep grade	28.58	1.15	1042	3012			
(K) junction of trails, Eagle Col.	28.44	1.29	1169	3139	3140	NOON	
(L) 1st <u>spice</u>	28.33	1.40	1268	3238			
(M) 2nd <u>spice</u>	28.25	1.48	1341	3311			
(N) lunch at head of burned cr.ave	28.10	1.63	1477	3447			
(O) Charcoal site	28.16	1.57	1422	3392			
(P) big 24" <u>YB</u> on talus	28.26	1.47	1332	3302			
(Q) big dead 30" <u>YB</u>	28.26	1.47	1332	3302			
(R) 4th big live <u>YB</u> , 18"	28.28	1.45	1314	3284			
(S) 2nd charcoal site	28.12	1.61	1459	3429			
(T) on crest	28.09	1.64	1486	3456		2:06 PM	
(U) center trail	28.12	1.61	1459	3429			
(V) 3500' sign	27.98	1.75	1586	3556			
(W) Big Indian Summit	27.82	1.91	1730	3700	3700	2:34 PM	
	27.82	1.98					
(X) Bog	27.88	1.92	1678	3648			
(Y) trail	27.91	1.89	1652	3622			
(K) Junc- of trails, Eagle Mtn- Col	28.48	1.32	1154	3124	3140	3:25 PM	
(Z) one <u>ASH</u>	28.62	1.18	1031	3001			
(AA) begin old road e.p. 21	28.84	0.96	839	2809			
(BB) <u>ASH</u> + <u>OST</u>	28.98	0.82	717	2687			
(CC) <u>ASH</u> abn.	29.10	0.70	612	2582			
(D) lean to	29.26	0.54	472	2442	2400	4:06 PM	
(A) Seager Trail Head	29.80	0-00	0	1970	1970	4:59 PM	

$$\frac{1730' - 1970'}{29.73 - 27.82} = \frac{1730'}{1.910} = 0.906$$

$$\frac{3700' - 1970'}{29.73 - 27.82}$$

$$\frac{3700' - 1970'}{29.80 - 27.82} = \frac{1730'}{1.980} = 0.874$$

- (A) Seager trail head. CARPINUS 1970'
- (B) 2033' CARPINUS, ELM & OAK
- (C) 2088' Lower end of flume (gorge)



- (N) 3447' Lunch stop at head of Recknager's bum cirque.
- (O) → (S) See PAGE 230-24 for the Bum.
- (T) 3456' Return to crest of ridge. FLAS at an understory only to YB & RM
- (U) 3429' Rejoin trail
- (V) 3556' 3500 foot sign.
- (W) 3700' Big Indian Summit Canister. +48° F & hailing, almost sleeting, from an instability shower
- (X) 3648' Bog NW of summit. Might be good for a peat sample. Only 7" to resistance. #339
#340

(E) 1 dead large fm down, on N side of trail Caught our eye. There are two live just W of it along the trail, and two more live along the brook E of it.

(F) ASH, BASS with 30 to 40 year old stumps W of blaze.
At blaze: ASH, OAK, SUG,
HEM to 30" just below lean to

(G) Lean to 2414'
(H) 2514' ASH, one 4" ELM
(I) 2686. End of log/bark road?
Two young spruce on N, discovered
e-p-21 in 1995. 1° begins. See (AA) see (Z)

(J) 3012. End steep pitch. 1 lone ASH
(K) 3139'. Trail June. near Eagle Mtn Col
(L) 3238'. 1st SPRUCE about 70 ft.
(M) 3311'. 2nd SPRUCE off the trail, to the west and with a tapered crown, appearing fir-like.

- (Y) 3622'. Return to trail & descend
- (K) 3124'. Eagle Mtn. col trail June
- (Z) 3001'. Lone ASH (see (J)).
- (AA) 2809'. Begin old road. End 1° See (I)

e-p-21 First growth begins between 2686 & 2809 ft.
Call it 2748', the midpoint estimate

- (BB) 2687'. ASH more common. Certainly 2°. OST
SUG & YB to 36".
- (CC) 2582'. ASH abun.
- (G) Lean-to. 2442'. $\frac{2442' - 2414'}{2} = 2428'$ mean.

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Recknagel's Bum Detail

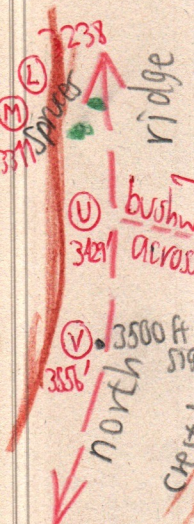
230-24

View from (N): Table Mtn. appears over Big Indian Fir Mtn. Col. Slide appears over Fir Mtn.

Most FIR descend from the ridge crest about 20' & cease. SORBS here.

This spur descended in Fall 1990 (see pages 230-3 to 6)

Trail to Eagle Mtn. Col



(Q) 3392' Charcoal in one place among the ledges. One large piece of burned wood collected. YBs to 10" max.

(P) 3302' One YB to 24" & several to 16". Kathleen counted 80 rings in a 3 1/2"-long core. Ilex maritima. NO fire scars - NO charcoal here. Dead FIR saplings. Live SORBS sapling. 2nd big YB 30" dead. SUB & FIR seedlings & saplings. Cystopteris fragilis on ledge.

(O) 3302' live. 3rd big YB just below

(R) 3284' Lowest point explored in bum. 4th big YB (live) to 18" SUBs to 6" common. FIR saplings.

(S) 3429' 2nd charcoal site

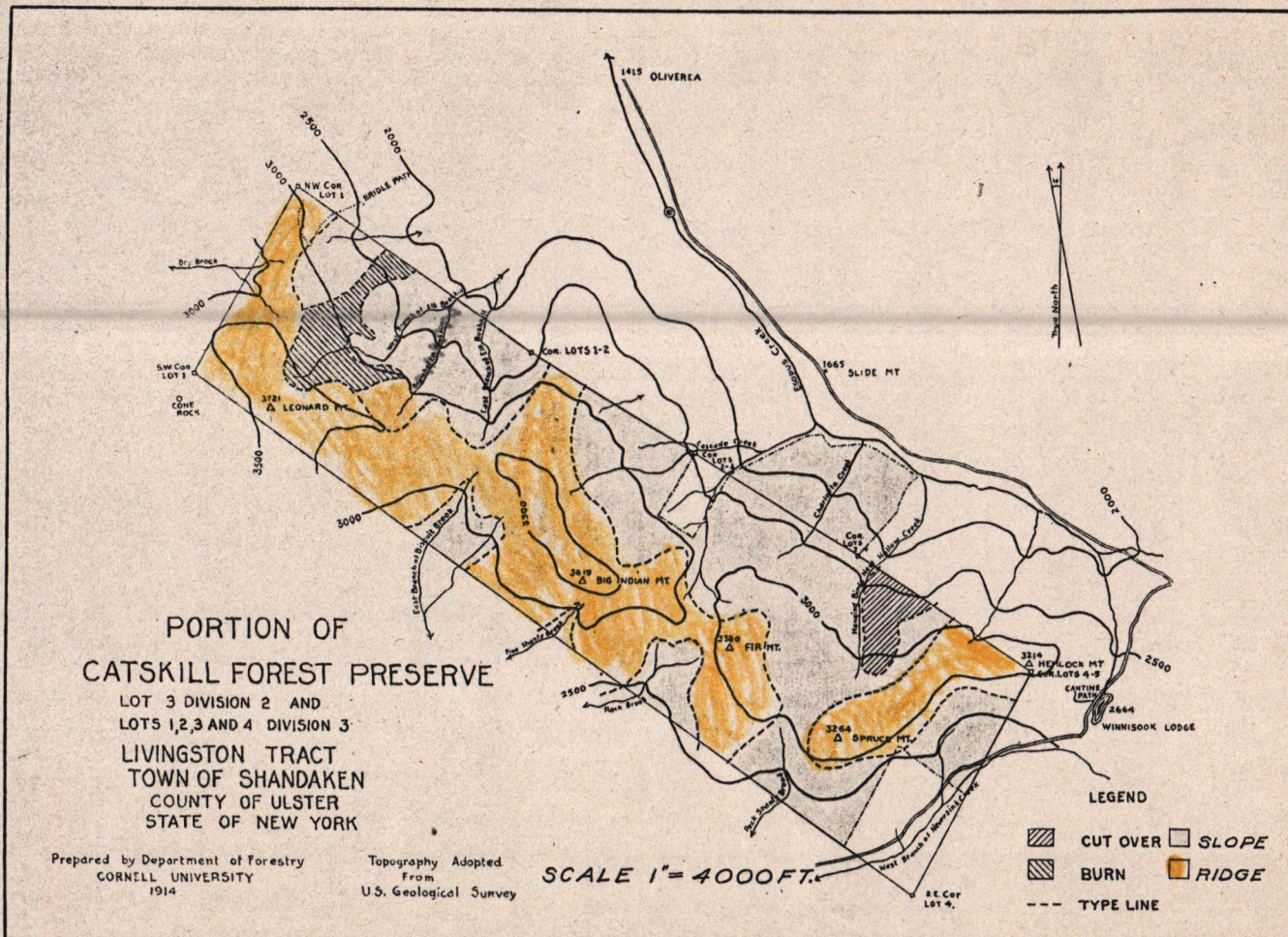
(T) 3456' Return to crest of. crease just above lunch stop

General conclusions: A devastating bum should have:

- (1) charcoal everywhere, (2) Charred stumps & logs,
- (3) no trees pre-dating the 1909 era.

None of these was present. Only two small sites with charcoal. YBs, many, are obviously well over 100 years old.

This bum, at least at these high elevations, must have been very local, sending narrow tongues of flame up the crease steep slope at (Q) & (S). Many portions were either unburned or just the brush burned. One problem is that the talus faet BEFORE the bum was YB-dom. and also AFTER.



Big Indian Mt. ↑
 Reeknagel & Paul (1915) ↑
 Fir Mt. ↑
 Spruce Mt. ↑
 Hemlock Mt. ↑

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