

Hatchery Hollow

with Bill Riemvis
6/2/87 185-1

Site	Map Elev	p	Δp	Δe	e	time			
Big Indian	(A) 1210'	30-56	0	0	1210	1:35 PM			
	(B)	30-52	0-04	42	1252				
	(C)	30-48	0-08	84	1294				
	(D)	30-38	0-18	186	1396				
	(E)	30-32	0-24	251	1461				
	(F)	30-27	0-29	303	1513	2:10			
	(G)	30-12	0-44	460	1670				
	(H)	30-06	0-50	522	1732				
	(I)	29-98	0-58	606	1816				
	(J)	29-88	0-68	711	1921				
flat spur	2200'	(K)	29-84	0-72	752	1962			
		(L)	29-77	0-79	836	2046			
		(M)	29-72	0-84	878	2088			
		(N)	29-62	0-94	990	2200	3:07		
		(O)	29-58			±2170			
		Col	2140'	(P)	29-60	0-78	730	2140	3:24
				(Q)	29-66	0-72	674	2084	
				(R)	29-72	0-66	618	2028	
				(S)	29-80	0-58	544	1954	
				(T)	29-94	0-44	412	1822	
(U)	30-04			0-34	318	1728			
(V)	30-13			0-25	234	1644	4:00		
(W)	30-32			0-06	56	1466			
Weaver Pond confluence	(Y) 1410'	30-38	0	0	1410	4:40			
	(Z) 1400'	30-43			1400	5:11			
	(AA) 1	30-33			1494	5:00			
Olivera Rd.	(BB) 1320'	30-48			1320	5:28			

Rate: $\frac{2200-1210}{30-56-27-62} = \frac{990}{940} = 1.053$

Rate: $\frac{2140-1410}{30-31-29-60} = \frac{730}{780} = 0.936$

Forest History

Open fields did not climb much beyond (B); Wh pine & TASP are being replaced by SUG-B-NEM.

The roads here have been more recently as there are no trees growing in them nor much blowdown. Stumps begin, primarily for OAK at (L) within 17+ years. Bark is still on the stumps & an iron cable left behind. Is this land recently acquired by SNY or was there a trees pass? ^{NO} Nearby, high stumps about 20 yrs old indicate winter logging at (L) & (O).

Open, park-like stand at (N) with Carex about & nil tree repr. nor shrubs has many multi-stemmed ASD & OAK to 18" & old stumps. The 2357' Knob has also nil underbrush. Stumps common at (Q) & (S) - many are oak.

Chestnut stump sample COLL. for I.D. above (E) [from McAllister I.D.]
Large stump 24" to 36" across

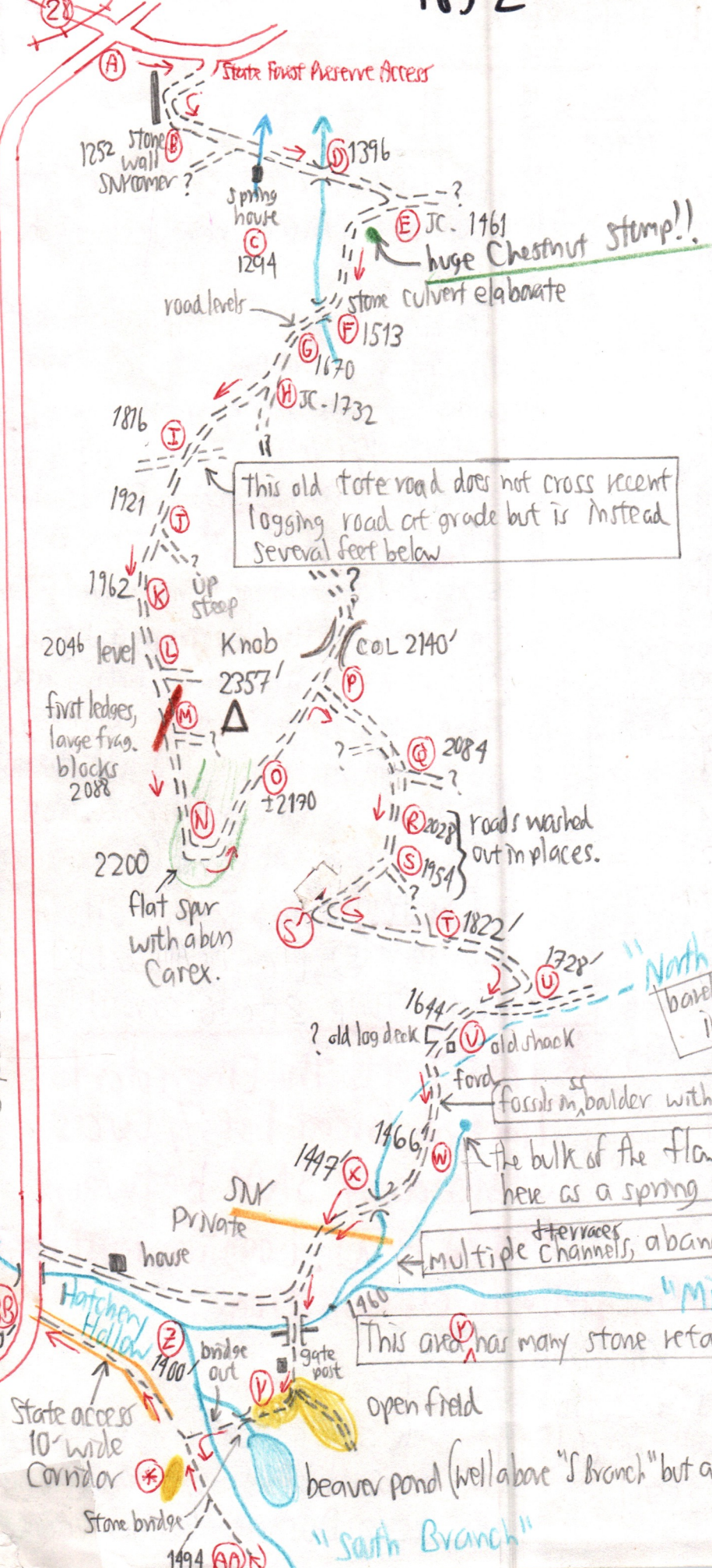
* This tract, the Elmendorf Tract of Great Lot 7, was acquired by SNY between 1957 & 1970. Logging must have

been in 1960s, prior to acquisition. The 1957 Catskill Land Map even shows the old road through the Col E of Knob 2357'!

Bill Riemvis recommends Rickett's Glen (big NEM) & World's End State Parks near Dushore, Pennsylvania.

Sycamore is common along Esopus through Oliveira Hamlet.

Big Indian



"Rubble slopes" [Remus' name] occur intermittently at (F) & (I), dom by PB-15M-10-0X. Where rubble does not occur, forest is SUB-BASS-ASH-OST. This is low elev for PB-0X dom. No ledges viewed until much higher (at M).

3' deep cuts in till at (K).
 No ledge visible on flat spur (N). Mandrakes 30" high. No boulders. 30' deep ravine at (V) but no ledge. No ledges anywhere (P) -> (BB).
 Red silt in S Branch at (Z). With few stones suggests much shale in the area. The S Branch is flowing with a red silt load while the other branches are clear.

"North Branch" barely any flow in established channel

fossils in balder with a few pebbles (plant stems?)

the bulk of the flow appears here as a spring without much of a channel.

multiple channels, abandoned & in use, many years of floods

This area has many stone retaining walls along brooks, old foundations & gate posts, dating to the private fish hatchery once here. Probably stone-lined channels & pools.

Flood of 4/5/87 was major

Trees

Whitepine (B)
TASP (B)

BASS (G)(K)(M)(S)

ASH (B)(K)(M)(N)(S)(AA)

ELM (Z)

OAK (L)(M)(N)

OST (B)(K)(M)(AA)(G)

SUG (B)(K), dom at (Q), (V)

B (B), repro (S), (AA)

HEM (B)(F)(I)(N)(U)(AA)

CARP (B)(V), abun. (Z)

Mo (B)(I)(M)

Buttemut 30" DBH
W of (C) Springhouse

BB (E)(H)(L)(M)(U)(V)

Shrubs 183-3

Hamam (B)(V)(Z)

MM (E)

Rlac (G)

Parth (D)

Vacer (S)

YB (F)(I)

BC (L)

CHESTNUT (M) ? coll (E)
dead branch - none live.

BIGTOOTH (M)(S)

CHESTNUT STUMP
>24" above (E)

Herbs

1854

Lower slope

Athelyp (C)
 LAP (C) (V) (AA)
 TIAR (C)
 ARIS (C)
 Dmang (C)
 PA (C) (V)
 Adiv (F)
 Uplant (U) (AA)
 Hydro (V) (infl) (AA)
 VC (V)
 Osmo (V) (AA)
 IMP (*)

Zizia (*), photo
 inflat (BB)

Boreal

Ox inflat (F)
 (I), (AA)
 always under IEM

Open (no trees)
 sloping somewhat
 wet swale at *
 has Onoclea,
 IMP + Zizia

Miscellany

Onoclea* (E) (G)
 Gymnocarpium (F)
 Dptegop. (F)
 → Cyst frag (G)
 Festuca? (K)
 Carex alba (N)
 Herb nbt. (Z)
 Vrot (P)