

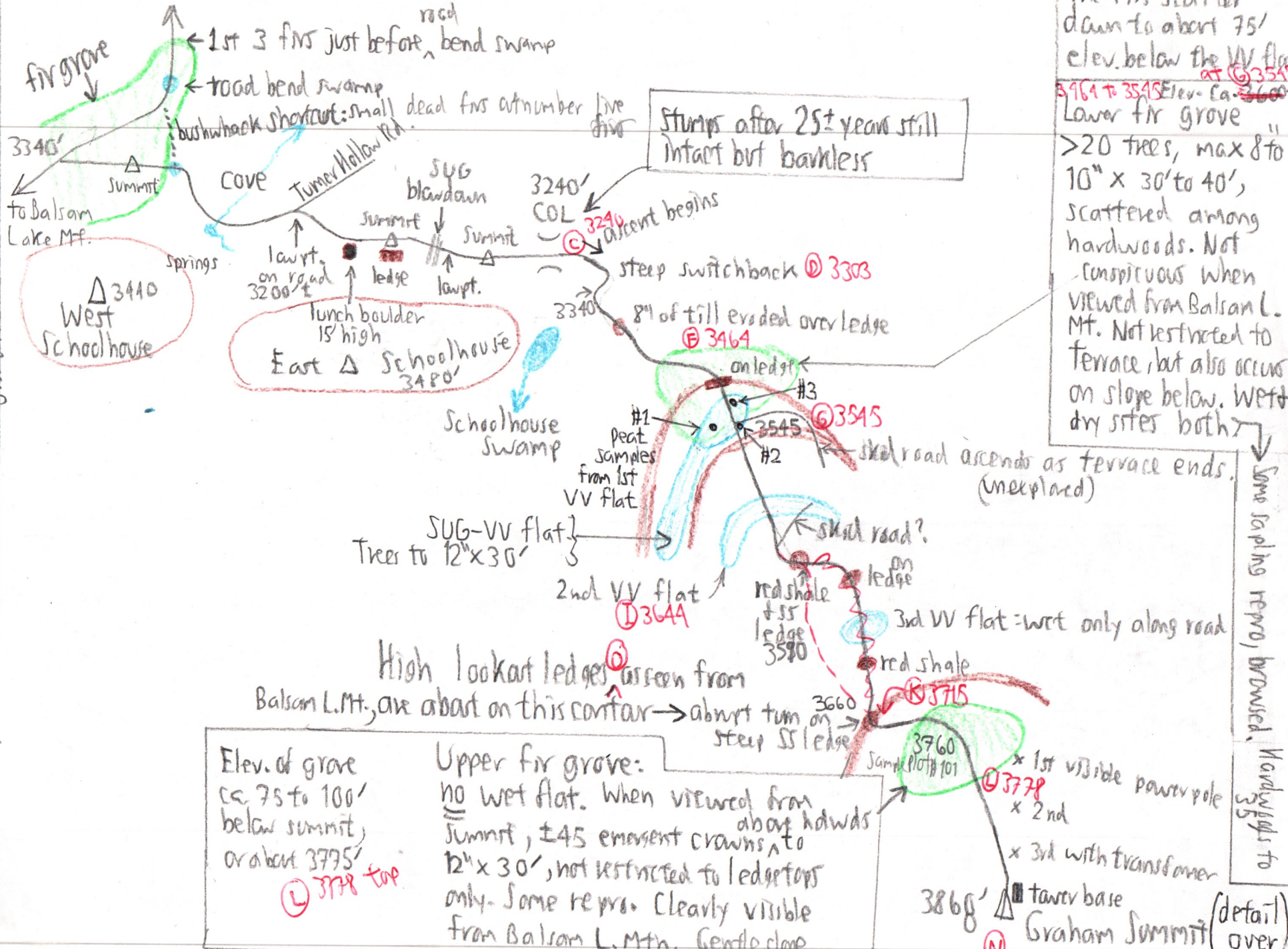
5/24/94 252-9

Graham Mountain  
TO LOOK AT SPERMATOPHYTES  
TO LOOK AT SPERMATOPHYTES

5:18 to 7:17 AM PM



to Mill Brook Road



Stumps after 25± years still intact but barkless

The firs scatter down to about 75' elev. below the VV flat at 3545. Lower fir grove >20 trees, max 8 to 10" x 30' to 40', scattered among hardwoods. Not conspicuous when viewed from Balsam L. Mt. Not restricted to terrace, but also occurs on slope below. Wet & dry sites both.

Elev. of grove ca. 75 to 100' below summit, or about 3775' (3778 top)

Upper fir grove: no wet flat. When viewed from above, crowns to 12" x 30', not restricted to ledges only. Some reprod. Clearly visible from Balsam L. Mtn. Gentle slope.

3868' tower base Graham Summit (detail over)

Some saplings reprod. browsed. Hardwoods to 35' high

# Peat Samples 3545'

Flora:

FIR	VA	UVUL in fl.!
YB		STREPT
MO	LL	VV
B	STINT	AA
BC		ERY
RM		CLAYT } in fl.
<u>SORB</u>	CB	grass?
<u>VCASS</u>		OX

#1 sample, 32 paces W of road find Sphagnum patch 10' across. Core 14" deep, the top 2" brown partly-decayed Sphagnum & the lower 12" black & non-recognizable Sphagnum. Sample from bottom 6". An 8" fir is just NW.

#2 sample on E side of road at skid road June. Only 2" to red till, barely any peat under Sphagnum. Could this "bog" have begun during 1960s logging?

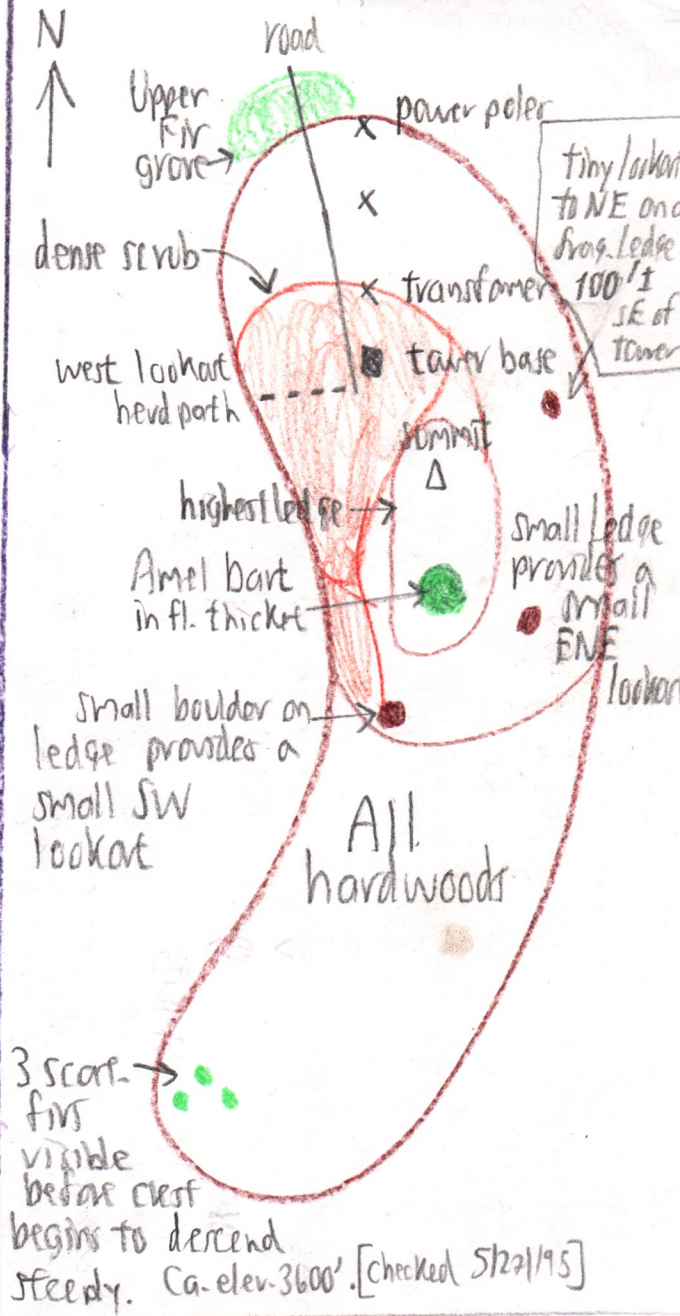
#3 <sup>sample</sup> on E side of road, about 60 ft from #2, near crest of terrace. 3 to 4" to till in a 10" core under a fir.

252-10

Twigs & roots, fir needles, leaf fragment, acorns, *Thuja*, *Juniper*, *Carex*  
 Good preservation!  
 Quartz grains (few)  
 \* probably fir - no vessels.

Reddish brown till mixed with GM.

# Graham Summit



The west crest of the Graham Ridge is a severe wind-ice-snow shear area with BC-YB-RM-VCASS-SORB stunted to 5' to 10'. On the east portion of crest BC-YB-RM-B form a stunted forest 15' tall. BC dom. YB to 15", BC to 12" multi-stemmed. One B 12" x 15". All in 1/2 leaf. Many sprouted from former natural stumps. Old growth.

BC #12 → SM-ERY-CLAYT-WV-LL-VA  
 Dead cherry branch 3" diam = 33 yrs. 100-120

# Graham Mountain South Spur and Gulf of Mexico Brook

with Sean McArthy  
5/27/95 252-11

Site	p	$\Delta p$	$\Delta e$	$e_{calc}$	Map e	Rate	time
(A) Mill Brook Rd.	29.36	0.00	0	—	2600'		9:30 AM
(B) 1st fir on Graham NW slope	28.38	0.98	875	3475			
(C) Lidgetop lookout	28.02	1.34	1197	3797			ca. 11 AM
(D) Graham Summit	27.94	1.42	1268	—	3868'		LV 12:30 PM Summit
(E) Subsummit	27.98	1.38	1232	3632			
(F) Crest widens	28.13	1.23	1098	3698		$\frac{29.36 - 27.94}{3868' - 2600'}$	
(G) Pair of firs	28.15	1.21	1081	3681		$= \frac{1.42''}{1268'}$	12:57 (G)
(H) 2 big balders	28.20	1.16	1036	3636			1:10 (H)
(I) blaze	28.25	1.11	991	3591			1:15 (I)
(J) BM on blaze	28.41	0.95	848	3448			
(K)	28.52	0.84	750	3350			
(L) BM on blaze	28.80	0.56	500	3100		$y = \frac{1268}{1420}$	
(M) base of steep slope	29.12	0.24	214	2814		$= 0.893$	
(N)	29.14	0.22	196	2796			
(O) ASK seedling	29.15	0.21	188	2788	e-p 200		
(P) dry brook bed	29.18	0.18	161	2761			2:05 (P)
(Q) Gulf of Mexico Brook	29.22	0.14	125	2725	2680'		
(R) Stumps	29.14	0.22	196	2796	e-p 201		
(S) ash	29.04	0.32	286	2886	e-p 202		
(T)	29.00	0.36	321	2931			
(U) Schoolhouse Swamp	28.65	0.71	634	3234	3190'		3:10 (U)
(V) Col	28.59	0.77	688	3288	3240'		
(W) Knob on N ridge	28.54	0.82	732	3332	3320'	e-p 203	
(X) skid road	28.65	0.71	634	3234		e-p 204	
(Y) return to trail	28.76	0.60	536	3136			4:25 (Y)
(Z) Mill Brook Rd.	29.34	0.02 (coll at 0.00)	(18)	—	2600'		ca. 4:45 (Z)
(EE) balanced boulder	28.08	1.28	1143	3743			
(WW)	28.52	0.84	750	3350			

- (Y) The skid road Jc. here is obscure & is more easily found by following the skid road cut to the trail.
- (W) The crest of this 3350' ridge is all 1° and has no skid roads nor stumps on it.
- (W) The skid rd. from Porcupine Jc. must not go in very far from the trail (unexplored).
- One dead fir was found ± 200 ft NE of the 1st pair of firs visible from the trail.
- (W) & (W) are dom. by BC with a few SUG. B-RM-YB common, all 1°.

522-2

- (B) Watch for this gigantic YB off the trail, not very tall but ± 48" DBH. Photograph it next time. (E) 3428' Photographed 8/18/199. & again 7/1/06.

- (C) To find the lookout ledge, ascend past the 1st Fir Grove and pass the sharp turn on a ledge on the trail. Turn off trail about midway up 2nd fir grove and strike SW until the boulder is seen. The boulder, photographed, marks the ledge top.

Lookout Ledge

It may be possible to scramble down the ledge at one point (<sup>steep</sup> talus) to visit the grove on the terrace below with VV [vertical exposure photo].

Ledgetop flora:  
NO Pot. fri.

FIR	Aronia in fl.	MC	CLAY in fl.
SORBS	<u>VCASS</u>	LL	ERY in fl.
YB	RG	SM	\$
BC		strict	Polypodium
RM		CB	

The ledge is Conglomerate.

Photos of 8' tall BC & RM. Photo of stunted Beech just NW of Summit

- (D) Reynor atop Graham, also SAMB.
- (E) MM VA BC dom (EE) balanced S balders on shale pedestal on crest.
- (G) The 2 firs observed from the ledgetop (C) are 9" x 20' & tower over the hardwoods which are only 10' to 15' tall. The northwesterly fir is double-trunked.
- (H) The two big 20' balders are precariously perched, the lower on the brink of the lower of a pair of ledges, tilted 40° to SW. Conglomerate.
- (I) SUGs begin just beneath the boulder ledges. The distance from the balders to the blaze line is very short - maybe 200 feet. If it weren't for the point can which I can't notice, the blaze line might have been missed.

South Slope of Graham

West slope descent

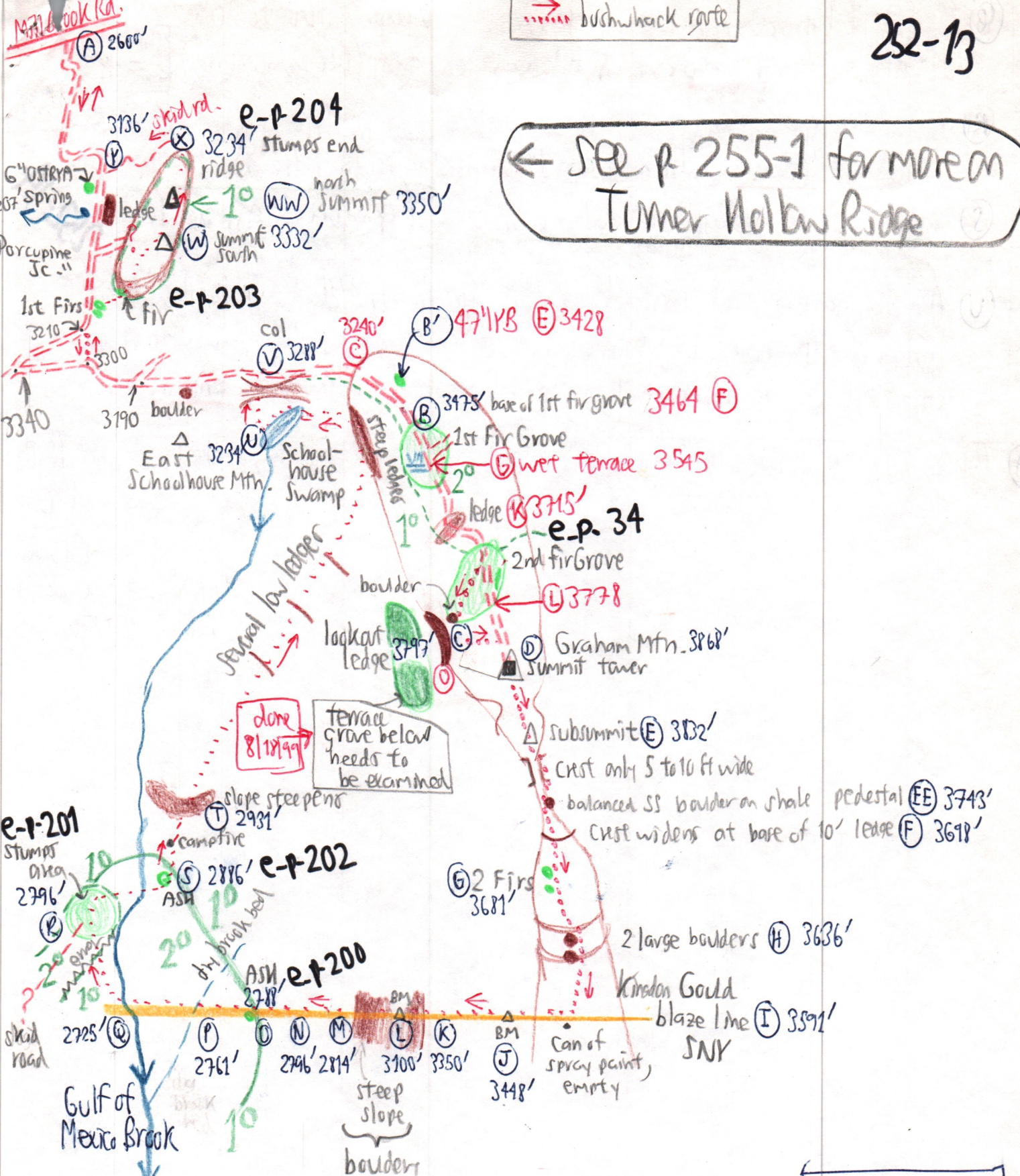
- West descent down blaze:
- (J) BC dom, some SUG
- (K) YB to 30", SUG to 26"
- (L) steep & boulder. YB dom. Lonicera can.
- (M) Max SUG at base of steep slope: LAP, TIAR, Subs to 24" Moisture
- (N) 30' SUG fallen. DIC can, Lap, Tian, Dent, ANS, Alum
- (O) ASH seedling & 2 trees. Cornus alt.
- (P) Cove forest along dry brook bed. Adm, PA, VC, Hydro, Vpub, Kerucium, Usma, strict, SUGs to 30".

1977 Hook Rd.

bushwhack route

252-13

SEE p 255-1 for more on Turner Hollow Ridge



BMs are markers along blaze, not corners.

Photos ##  
826-839

Gulf of Mexico  
Brook

Q 5 to 10' of till without ledge in ravine. Vpap. Subs to 30".  
11" dead MO photo #837 and 8 hiking sticks tall (tree on ground)

one hiking stick = 4' 32' tall

R Several stumps without logs. Possible skid road in from SW. 12" ASH. The only non 1° area seen south of the road up Graham.

S ASH, one 180 yrs old 26" fallen & broken. (Tree DP in ASH age file)

252-14

Schoolhouse  
Swamp

U A minor navigational error brought us too far NB and up to the <sup>base of some</sup> steep ledges of Graham. We turned west on contour & soon <sup>about 0.2 mile</sup> emerged at the upper end of Schoolhouse Swamp. Water level low with photo.

A had just come down off Baldam Lake Mt the met.

passed  
away in  
July 1996

#20102  
252-14