

# General Notes: Balsam Lakes + Graham Mts. <sup>5/9/1994</sup>

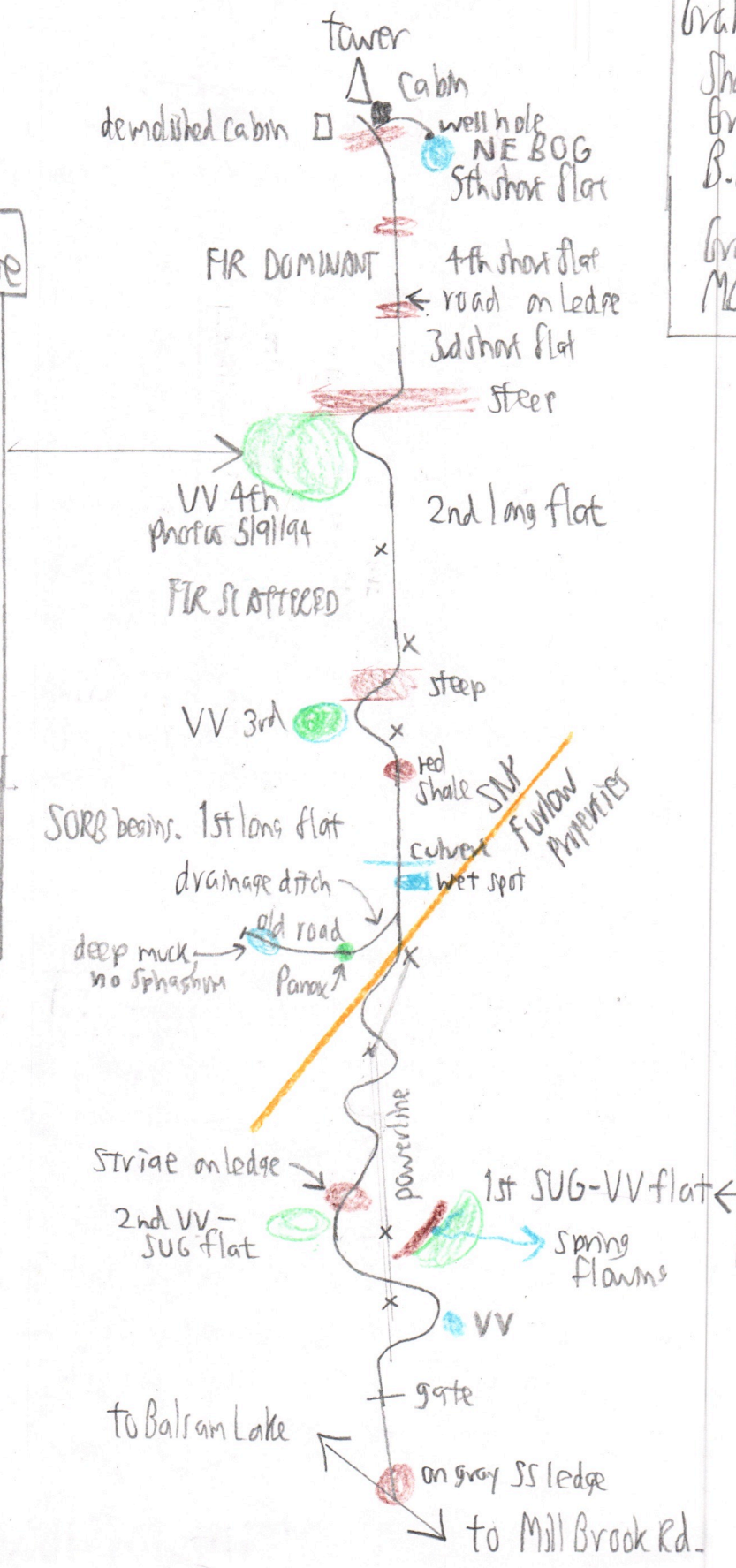
Time table 260-24

MB Road 8:15 AM  
 Graham Mt. 9:50 to 10:30  
 Shortcut 12:40  
 Graham Tc 12:45  
 B.L. Mtn. 1:07 PM to 1:45  
 Graham Tc. 2:26  
 MB Road 3:18 PM

**High elev. sub grove**

Flora:  
 SUGs 24" x 30' max  
 CHC, RG, RTRISTE  
 Clayt. } in fl.  
 Ery. }  
 VV  
 Ranunc abort  
 Solid rug  
 Thalio.  
 Heracleum (aromatic)  
 Allium

Not wet now.  
 Dead sub broken limb  
 at 1.5 to 2.5 mm annual  
 growth increment radius  
 per year.



Flora:  
 SUG to 30"  
 Heracleum 1' tall  
 VV  
 CAULO  
 TIAE  
 HYDRO  
 IMP  
 DIC CUC  
 TE  
 CLAYT  
 RTRISTE

NORTH  
 →



## Balsam Lake Mtn.

Fir pollen cones bright purple with helasomal scales before opening.  
Firs healthy, leaders 9" to 12" long.

## Sambucus pubens

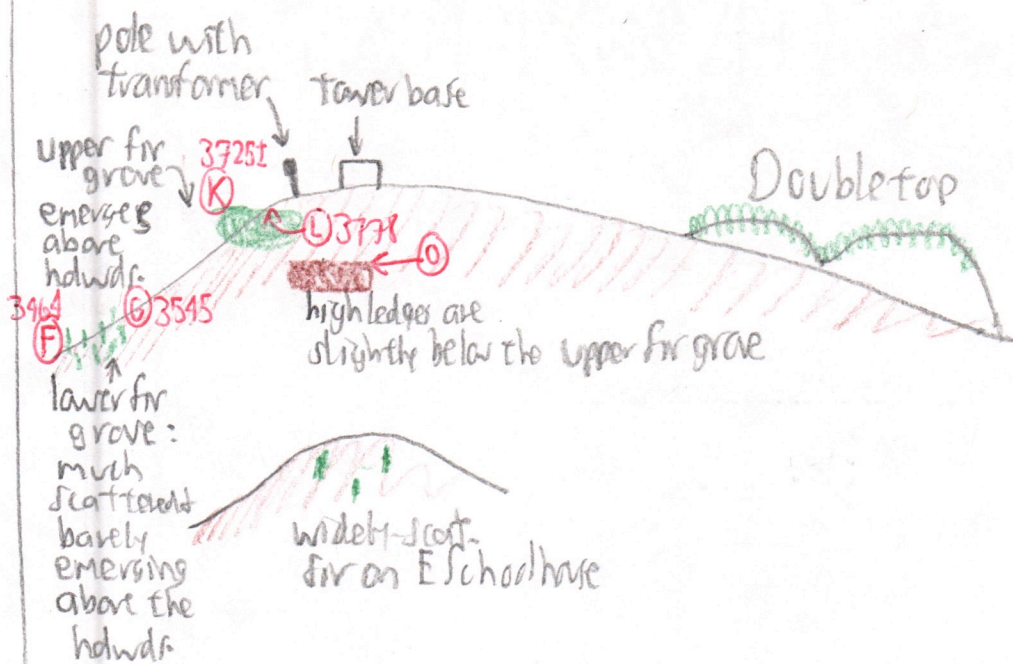
Frs have a sweet, delicate smell 1st detected before seen in vicinity of trail register near Mill Brook Rd.

## Ribes lacustre petals

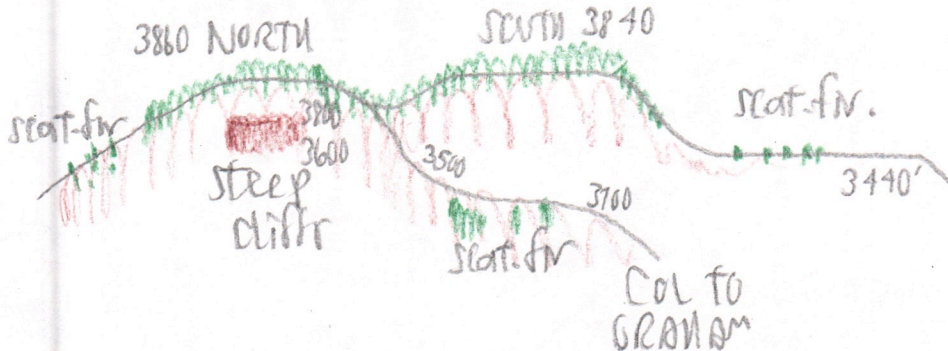
are green with a narrow pink medial stripe.  
At "Lunch Boulder" near head of Turner Hollow Rd.

Pedestal ledge opposite Spring along trail N of "Purple Jc."

## View of Graham from Balsam Lake Mt. 2025



## View of Doubletop from Graham



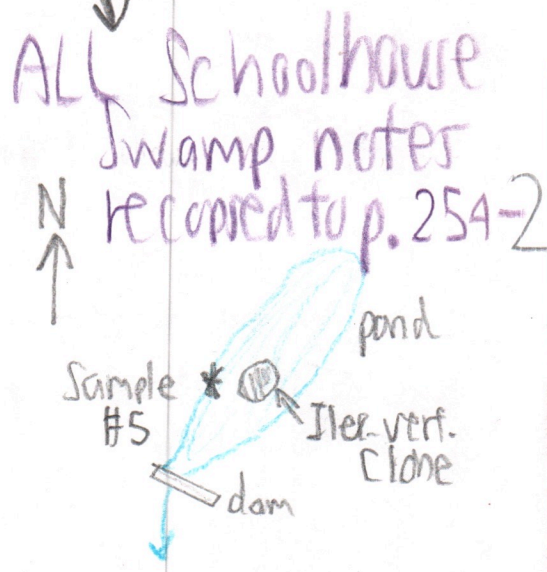
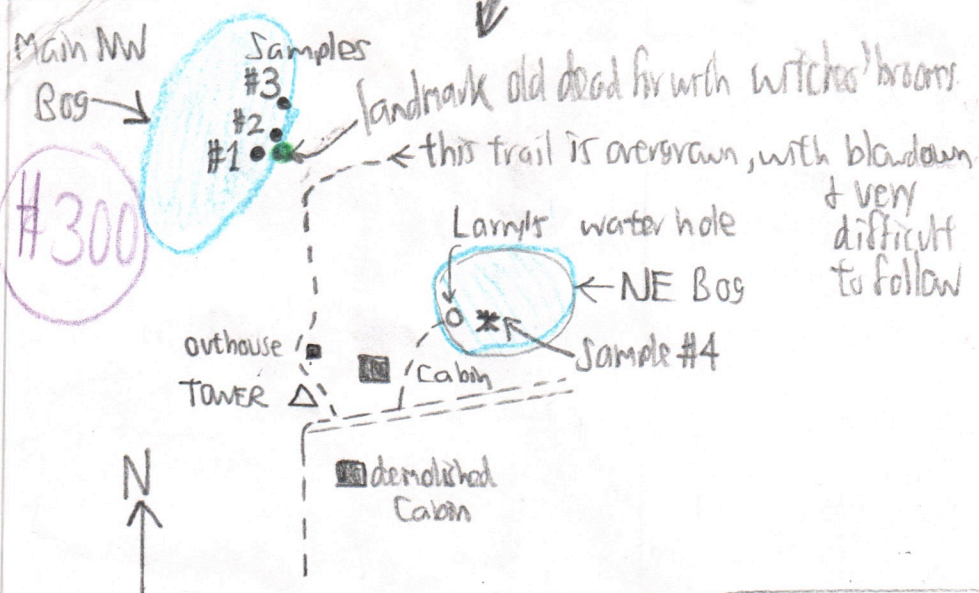
Next time: photograph, with a person for scale, the scattered trees & wind shear of Graham Summit. Done May 1995 with Jean McCarthy

Beaver pond/meadow, observed from Graham Summit, on Gulf of Mexico Brook at 2600'.

The hypothesis that Fir occur mainly in wet flats & high ledge crests in the Catskills does NOT work !!



Dalton Lake Mth. Bogs 5/9/1994 + Schoolhouse Swamp 260-26



Sample #	Existing veg.	Depth + location
1	FIR dom, <u>Nemo</u> , Sphas, Cortis, Bazz, Cx fallax	20 1/2" to channers perhaps 10 or 20 ft from edge.
2	FIR dom; VA, B, YB on edge, \$ inter. Cortis, Sphas, fallax	19" to Channers About 25 ft. horizontally NE of #1 Sample, & about 2 ft from edge.
3	FIR dom; Bazz, En, Cortis, RA, Sphas, fallax <u>Nemo</u> , \$ int, OX. VA SORB up slope. PB nearby.	Depth not recorded but probably about 14", less than 15 1/2" tile spade blade + 3" from edge About 60 ft. horizontally NE of #2 Sample, edge
The bog's mature fir are almost all dead & down, a few standing, with dense sapling healthy repro. impenetrable <sup>throughout</sup> 5 to 15 ft tall, age 12 to 15 to 20 years. A deep path connected the 3 sample spots, paralleling the edge & making them accessible.		
4	FIR dom, Bazz, Cortis, <u>SORB</u> nearby, <u>NEMO</u> , CC	Depth not recorded, but probably about 10" to channers. Shallower spots not sampled.
5	RM dom, B, PB, SUG, <u>Ilex</u> <u>Verf</u>	6" max after many attempts at channel & barden only 2" to 4" down
		Schoolhouse <u>SW</u>



Balsam Lake Mtn. Bogs

5/9/1994 26-27

NW (main) Bog, 1st sample

- 3 ~~2~~ fir needle tips
- 4 quartz pebbles, several
- some wood fragments (probably fir)
- mostly amorphous O.M.
- <sup>some</sup> a few roots

The opposite end of the same 10cm sample is much more fibrous, less amorphous, but with roots & orange wood fragments.

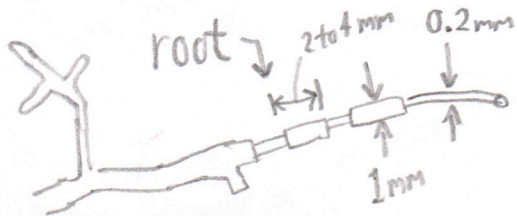
NE Bog, Sample #4, near Lamp's water hole

- Bark
- Fir needle fragments, several
- Wood
- Roots

Schoolhouse Swamp

Mold smell, no sulfur

- Abun. roots
- leaf fragment
- Wood "
- bark (YB?) "
- root



YB twig (Beech?)  
short shoot  
Much non-decayed materials

The inner root core (Vasc. tissue?) is surrounded by fragmented cylinders which slide along the core.

The upper several inches are brownish fibrous peat, hardly decomposed. Below is black, more-decomposed non-fibrous, more amorphous peat.

Fossils

~~Itinerary~~ - Balsam Lake Mt. & Schoolhouse Swamp

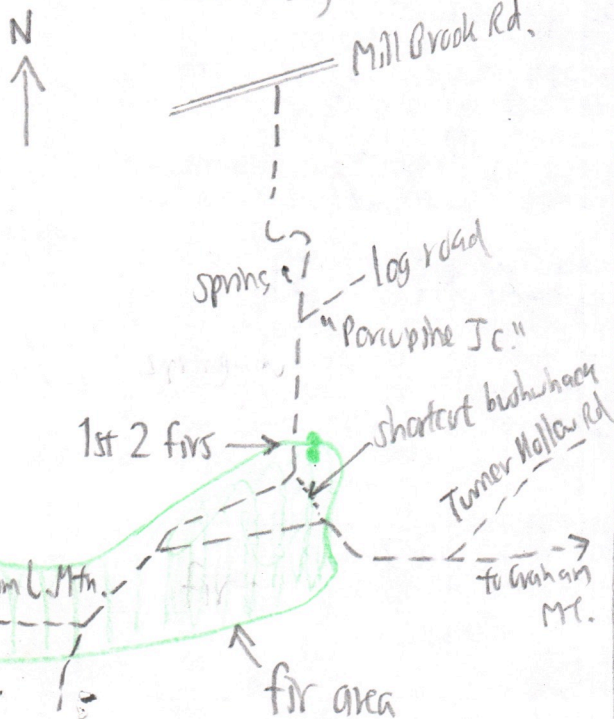
with Regina Fink, 5/9/94  
(approximate)

Lv. Valkyrjan	8:25 AM
Ar. Mill Brook Rd trail base	8:55
Sidetrip to DBR to photo Norway spruce repro.	
Lv. Trail base	9:25
Ar. B.L. Mtn. Summit	11:05 AM
LUNCH CORR 2 bags	
Lv. Summit	1:05 PM
Graham Mt. Rd. Jc.	2:20
Schoolhouse Swamp	3:10-3:20
(via shortcut back)	
Ar. Trail Head	4:50
Ar. Valkyrjan	5:20 PM

Photos:

1. 4 of Norway Spruce repro., S end of DBR
2. Balsam Lake Mt. NW (main) bog, at 3rd sample, looking NW
3. ~~SUG-VV~~ VV, elev. ca. 3500'
4. Claytonia infl.
5. ERK infl
6. RM ♀ fls. near Graham Trail Jc.
7. Schoolhouse III from the beaver dam.

Limits of Balsam fir  
(best viewed before hardwood leaf-out)



8. Parana Vly 5/10/94  
last photo in 1994 #2 roll

9. Dry Brook Rd, Mapledale area.  
first photos 1994 Roll #3  
Graham & Doubletop Mts.  
Amel. in flower