

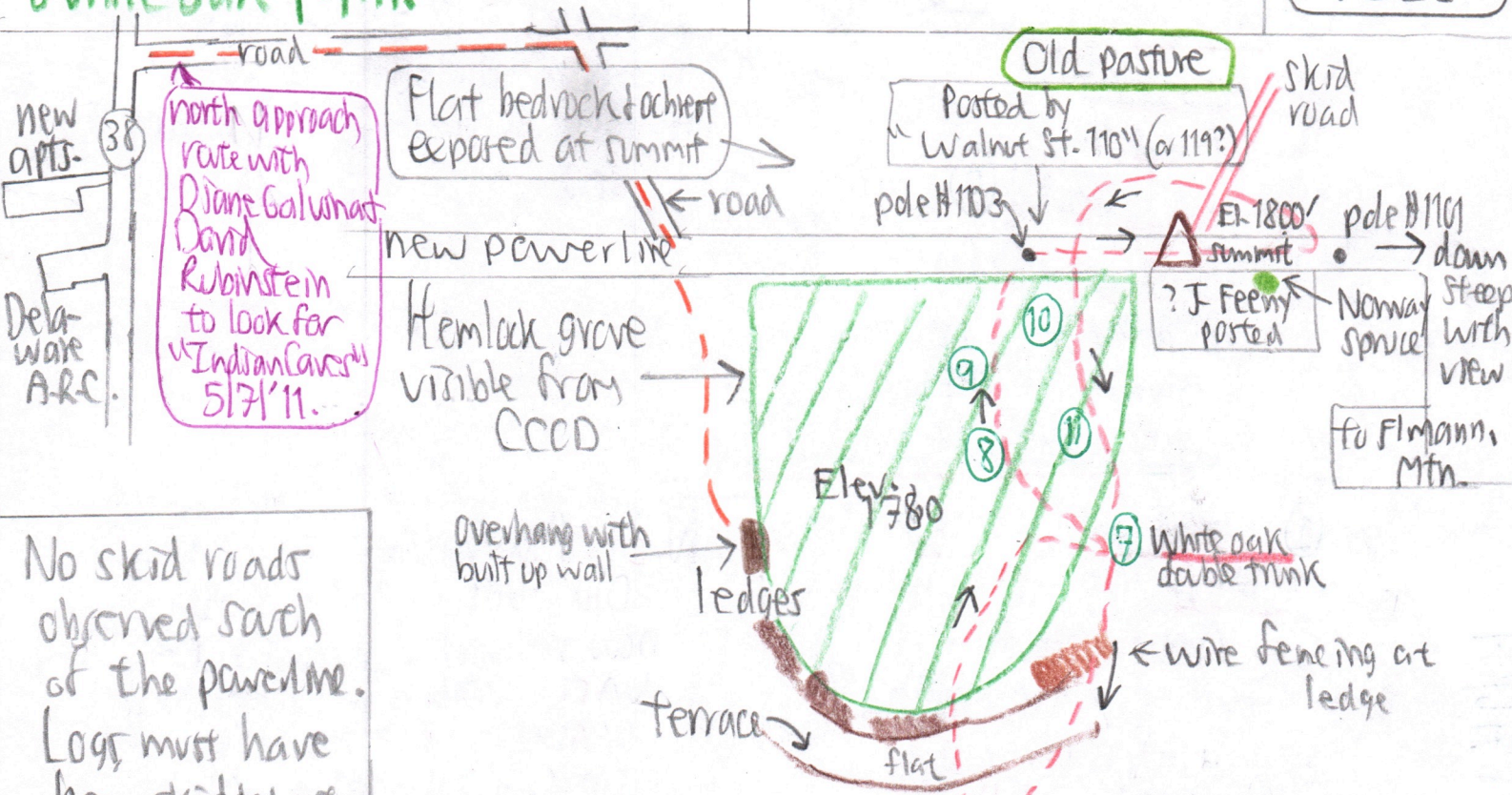
Morris Hill, southend, above & behind CFA

White oak popln.

6/4/09

Trees with ring counts ① to ⑪

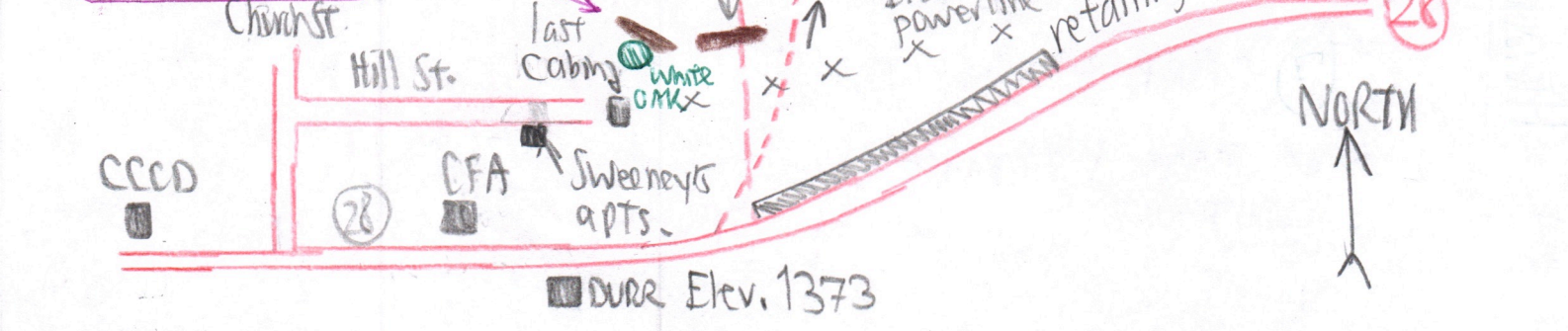
461-1



No skid roads observed south of the powerline. Logs must have been skidded over deep snow.

On 5/7/11 - A few white oak LVS on ground left from 2010 harvest one young tree observed

Galusha-Rubinstein Stop of 5/7/11



Flora

Main White oak area → White oak Saplings, seedlings, 28", 10", 12", 16" trees, sprouts, twigs 5", not nearly as defoliated as N. red. White grave estimated at 250' in elev above 28.

N. red oak

Vib acer

1 Chestnut ^{at} (C), frost-damaged

K lat - several

Bracken, Vacc ang.

AN, TB, MC, PREN.

Gaultheria procumbens

Near ① N. Red oak, ASH, BB, Vib acer, MC, Adm, HAMAM.

Aviable dropping of frost tent caterpillars?

SUB understory.

N. red oak to 36"

② to ③ Two hollow N. red oak stumps 24".

⑤ RM-BB-CNC (Hermit Thrush) - ASH thickets

⑧ to ⑪ HEM understory.

One PB on terrace.

No ground cover under HEM.

30" OAK. 24" HEM.

Semipen DP glade at east margin of HEMLOCKS: DST, BB, Bracken, Cx communitis?

⑦ CARP, AMEL, SCAES

Powerline area: SPIRAEA LOT dom.

SOLIDJUNC?

PEDICULARIS ABUN.

SISYRINCHIUM

ANTHUS ANTHUS

N of Powerline:

Old SUB in former pasture, now reforested with RM dom. VACC, VERONICA CHAMBAEDRYS, BRACKEN, PE DICULARIS, DP frost-damaged, MC.

Near ⑦ Luzula? COLL in

CX-Communitis patch.

Just SE of two 30" OAKS & a 7" WHITE OAK.

⑥ 28" White oak with hollow opening at tree base with wire attached at W edge of thicket.

Old insulator below from 1940s powerline? 12" White oak

Burn index 7

Hiervacum paniculatum collected 6/4/09 + 7/16/09

Tree Age Structure

When was logging?
? Estimate 1995.

461-3

① Nred oak broken at base (but when?)
7" diam = 45y full cant.

Growing 4mm/y at 1st, then slowing down
to 1mm/y at end.

45+14

Established 1950 ±

Assuming natural break in 1995 also.

② Stump with heart rot. Nred oak.

Cut log with 17" diam at about
25' up, on ground. 80y full cant.

Add at least 25y to reach 25ft.

80+25+14 = 119 Estab 1890 ±

③ N-red oak. Log on ground (cut) 9' up,
18" diam = 120y full cant.

Amillaniella on trunk, barkless.

120+9y up = 139 1870 estab. ±

④ Nred oak. $\frac{10''}{75y} = \frac{15''}{?}$ 113y+14=127y
30" diam stump at ground level.

10" radius = 75y. 5" inner rotted
radius.

Some rings 5mm wide. Estab. ± 1882

⑤ Nred oak 23" diam stump at ground
level full cant 80y

80+14=94y estab. 1915 ±

⑥ Nred oak. Low stump nearly
to center 90y.

90+14=104y estab ± 1905

No diameter.
= No plot on graph

OAKS are an uneven-aged
stand, NOT resulting from a single
disturbance.

⑦ White oak, two trunk, one trunk
Cut 2' up. 22 1/2" diam = 114" radius.
9" of radius = 65y. Inner 2 1/4"
radius rotted. Only a few vessels
plugged with tyloses. estab ± 1912

⑧ 28" Hemlock broken 20' up.

16" at 20' up = 85y full cant.

Broken
date unknown. Assume 1995.

Tree #24

Continued $\frac{9''}{65y} = \frac{11-25''}{?y}$ 81y=? 81+14+2=97y ±

⑨ 30" Hemlock dead & fallen & broken

Tree Only 90y full, fast ^{growth} 90+10y+14y = 114
#25 cant 5' up & 24" diam
up fell

Assume break date 1995 estab. ± 1895

⑩ 12" Hemlock broken 75y
(at what height?)

75+14+0? = 89y

ht. estab. 1920 ±

⑪ Nred oak low stump

24" full cant = 95y

95+14 = 109y

estab ± 1900

Stump ages.

One oak stump with bark on —
ca 10y. Most stumps oak
< 15y ?? old. Assume 1995.

Old stumps in hemlock stand
maybe 50y. Collected for I.D. YB?
Black rot forms hard crust over soft
shedding wood, like frozen chocolate ^{or ice cream!}