

Belle Ayre Mtn. south slopes from Rider Hollow

5/14/97 with Gary Lovett & Yale Grad. student Sarah Whitney

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| Site | Description | P | Δp | Δe | e calc | e map | time |
|------|---|----------------|------------|------------|--------|----------|-------------------------------|
| (A) | Rider Hollow trail head | 29.52 | 0.00 | 0 | | 1970 | 8:42 AM |
| (B) | Stone wall | 29.44 | 0.08 | 68 | 2038 | | |
| (C) | Top of stone walls | 29.37 | 0.15 | 128 | 2098 | | |
| (D) | Top of plantation | 29.32 | 0.20 | 171 | 2141 | | |
| (E) | trail on spur | 29.23 | 0.29 | 247 | 2217 | | |
| (F) | Gill Gully, cross | 29.32 | 0.20 | 171 | 2141 | | |
| (G) | crooked route blaze | 29.25 | 0.27 | 236 | 2200 | | |
| (GG) | SUGBUSH??? | 29.11 | 0.41 | 350 | 2320 | | |
| (H) | BASS | 28.94 | 0.58 | 495 | 2465 | | |
| (I) | 1st ledges | 28.82 | 0.70 | 597 | 2567 | | |
| (J) | Norway Spr. plant. in cave | 28.78 | 0.74 | 631 | 2601 | | 10:20 |
| (K) | Cave head | 28.74 | 0.78 | 665 | 2635 | | |
| (L) | BASS, 1 ^o begins | 28.53 | 0.99 | 844 | 2814 | e.p. 249 | |
| (M) | Vernal Pond, ASN | 28.49 | 1.03 | 879 | 2849 | | |
| (N) | Last ASN | 28.15 | 1.37 | 1169 | 3139 | | |
| (O) | Top steep talus | 28.00 | 1.52 | 1297 | 3267 | | |
| (P) | On trail | 27.96 | 1.56 | 1330 | 3300 | 3300 | ca. 11:20 |
| (Q) | W Summit | 27.92 27.80 | | | | 3429 | 11:38 AM 12:25 PM |
| (R) | Col betw W & middle summits | 28.00 | | | | 3300 | |
| (S) | Tower Site | 27.92 | 1.52 | 1405 | 3375 | 3375 | 1:13 to 1:18 at Transect #81. |
| (T) | 1 st ASN | 28.28 | 1.16 | 1072 | 3042 | | |
| (U) | 2 nd ASN | 28.37 | 1.07 | 989 | 2959 | | |
| (V) | 4 th 5 th ASN, end big SUGB | 28.44 | 1.00 | 924 | 2894 | | |
| (W) | BC dom on flat, bony | 28.44 | 1.00 | 924 | 2894 | | |
| (X) | Mine hollow JC 1 st end | 28.44 | 1.00 | 924 | 2894 | 2880 | 2:27 e.p. 250 |
| (Y) | Big tooth | 28.74 | 0.70 | 647 | 2617 | | |
| (Z) | BASS off | 28.86 | 0.58 | 536 | 2506 | | |
| (AA) | Confluence | 29.34 | 0.10 | 92 | 2062 | 2060 | |
| (A) | Trail head | 29.44 | 0.00 | 0 | | 1970 | 3:20 PM |

$$\Delta e = 3300 - 1970 = 1330'$$

$$\Delta p = 29.52 - 27.96 = 1.56''$$

$$r = \frac{1330}{1560} = 0.853$$

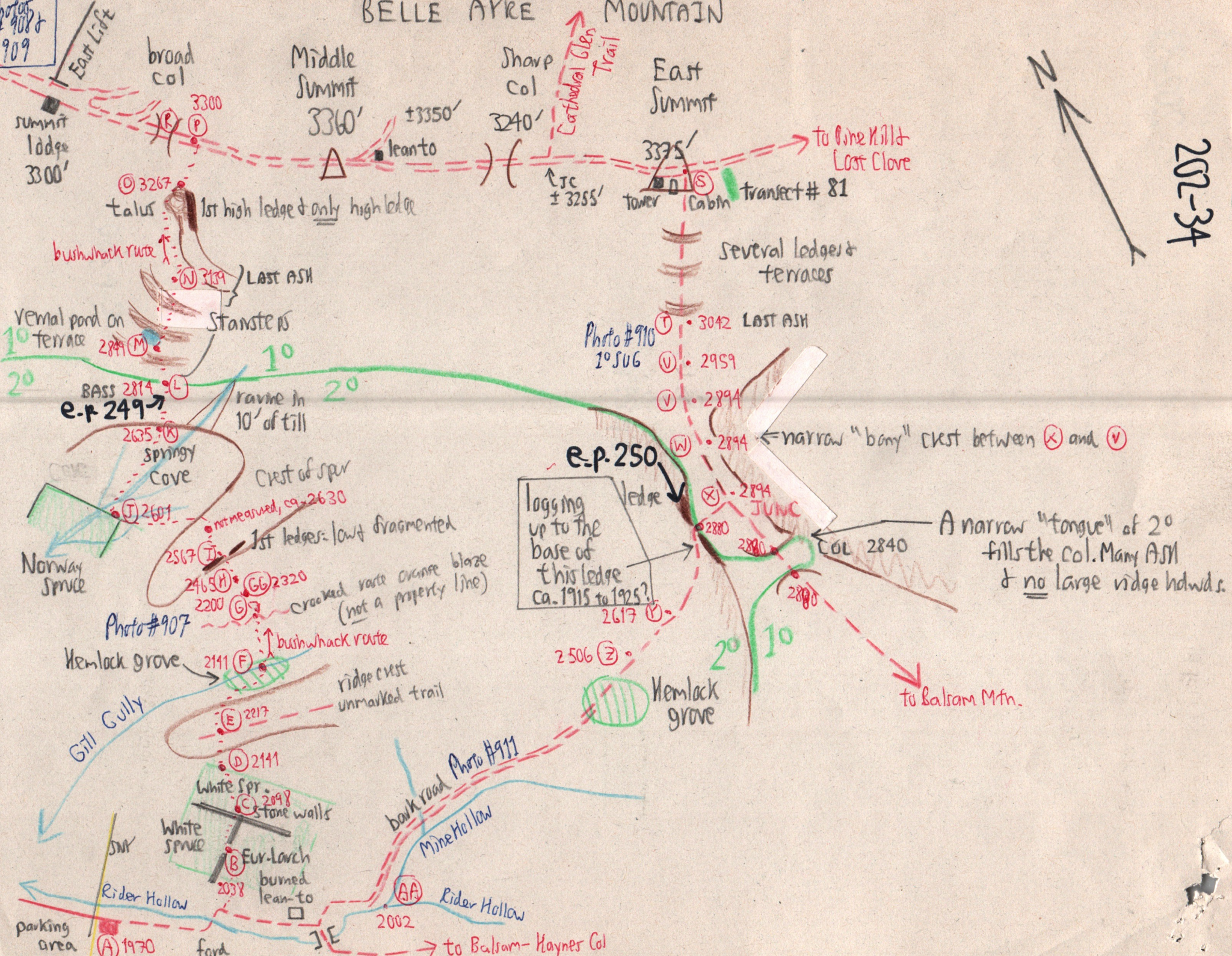
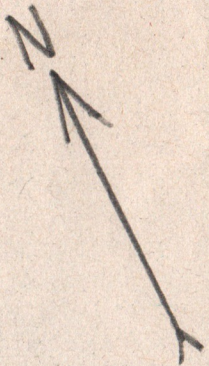
$$\Delta e = 3375 - 1970 = 1405'$$

$$\Delta p = 29.44 - 27.92 = 1.52''$$

$$r = \frac{1405}{1520} = 0.924$$

BELLE AYRE MOUNTAIN

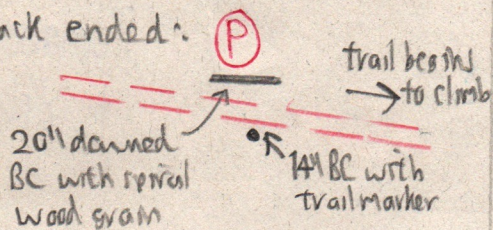
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Vegetation: Ascent

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- (E) 2217. Very open BC-RM-YB-B-MO-
young NEM. No stumps
or roads.
- (F) 2141 Gill Gully. NEM, mostly < 12",
but two trees about 27".
OX beneath
- (GG) 2320 Widely scattered SUGS to 28"
suggests a Sugarbush. Widely
scat. NEM to 30". ASH common.
B, RM, YB - NO stumps or roads
- (H) 2465 BASS 24". BC to 24". SUG to 30"
- (J) to (K) 2601 to 2635. Springy cove with
SUG - ASH
CAUD - HYDRO - ALLIUM
- (L) 2814. BASS CLUMP to 28". Springy.
To west, a 1/2 acre ^{open} area with dead & fallen
large SUG, maybe from a 1980 forest
tent caterpillar outbreak.
- (M) 2849 Vernal pond. Two ASH, 18" live &
24" down. Matteucia? SUG & YB to
24". SUG dom.
- (N) 3139 Last 2 ASH, smaller, on a ^{water}
terrace.
- (O) 3267. 1st scrub cut. MM-Coniisus on the
talus. Above BC-YB-B-RM to 40".
SUG absent along the top of the
talus ledge, only scattered along
the trail.
- (P) 3300. How to relocate where the
bushwhack ended:



From the end of the plantation at (D) to
the crest at (P), not one stump or log road
was visible. Logging must have occurred
a long time ago (before 1918 Belle Ayre
SNY acquisition or before Ed West's 1927-
1928 Eur. larch plantation) and was highly
selective.

Large trees begin at (GG), but the
proximity of the plantations at (D) & (J)
make 1° unlikely. ASH is abun through
(K), but scattered all the way from
(L) to (N).

By (L), the forest begins to take on a
1° look and by (M) it is certainly so.

Transsect #81: SUGs which dominated the
plot in 1970 are dead or dying, with nil
repro. The site has gone to BC dominance

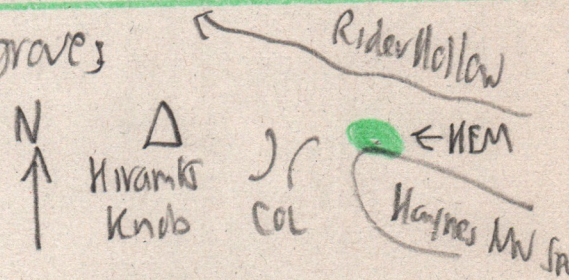
Mark the gentle SW slopes of Belle Ayre
did not require bank/log roads which
had to be graded into the hillside
(ie, no cuts or fills), so that they are
no longer visible.

- ① ³⁰⁴² highest ash - only one. SUBS down to 30''
- ② 2nd ASH. Photo of Gary Lovett & Sarah Whitney with 4 large SUBS along the trail. 2959.
- ③ 2894 4th & 5th ASHES. Big SUBS end here, but NOT because of 2°. Rather, the spur narrows to a flat "bony" ridge dominated by BC, too dry for SUB all the way to 2894
- ④ 2894 Mine Hollow Trail Jc.
- ⑤ Ash begin in large nos just 1 ledge down from the crest, i.e. elev. 2880'
- ⑥ 1st big tooth
- ⑦ 1st BASS & OST.

1° Forest runs from the Fire Tower site ⑤ to the trail junction ④. Fine large SUBS occur from about 3100 ^{or 3200} feet down to 2894 ③ where the spur narrows & gets too "bony" for them.

The logging pushed into the col from the W, but missed the trail junction area. Thus, continuous 1° from Belle Oye to Biscuit Brook may exist ^{at least}, but the trail passes through a gap in it at the col. A band of 1° may be E of & below the col, to be checked another time.

Look at NE slope below Hiram's Knob for a big NEM grove; visible from Belle Oye S slopes:



Dicentra

Canadensis

Cucullaria

Width of ultimate leaf segments
Color of lvs.
dissection of lvs

± 1.5 mm
glaucous
more

3 mm
not glaucous
less

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