

Mill Brook Ridge, west end, from Alder Lake

230-21 with Mike Macken
5/24/95

| Site | p | Δp | Δe | e_{calc} | Map e | Rate | time |
|---------------------------------------|-------|------------|------------|------------|----------------|---------------------------------------|---|
| (A) Alder Lake dam | 29.54 | 0.00 | 0 | — | 2200' | | 10:05 AM* |
| (B) Log rd. swings over to east brook | 29.30 | 0.24 | 204 | 2404 | | $\frac{3220' - 2200'}{29.54 - 28.34}$ | |
| (C) Lv. log rd. as it heads E | 29.14 | 0.40 | 340 | 2540 | | = $\frac{1020'}{1.200''}$ | |
| (D) end wet cove | 29.10 | 0.44 | 374 | 2574 | | | |
| (E) Cross E-W on contour log rd. | 28.96 | 0.58 | 493 | 2693 | | | |
| (F) Crest & bog | 28.50 | 1.04 | 884 | 3084 | 3120' | $R = 0.85$ | 11:25 to 12:45 |
| (G) west summit | 28.52 | 1.02 | 867 | 3067 | 3180' | | |
| (H) Col betw Bog & 3220' | 28.56 | 0.98 | 833 | 3033 | 3040' | | 1:35 & 1:55 |
| (I) Summit 3220' | 28.34 | 1.20 | 1020 | 3220 | 3220' | | |
| (J) Stumps on NE shoulder of 3220' | 28.42 | 1.12 | 952 | 3152 | e-p 186 | | |
| (K) Summit 3260' | 28.36 | 1.18 | 1003 | 3203 | 3260' | | ca 1:45 |
| (KK) Stumps e-p 187 | 28.40 | 1.14 | 969 | 3169 | | | |
| (L) log rd. on contour | 28.53 | 1.01 | 859 | 3059 | | | |
| (M) Top of high ledges; out | 28.77 | 0.77 | 655 | 2855 | | | |
| (N) Bass | 28.86 | 0.68 | 578 | 2778 | | | |
| (O) P. braunii | 28.87 | 0.67 | 570 | 2770 | | | |
| (P) Ash & Springs | 28.88 | 0.66 | 561 | 2761 | | | |
| (Q) log rd. on contour = follow | 28.89 | 0.65 | 553 | 2753 | | | |
| (R) log rd. follow it south down | 29.04 | 0.50 | 425 | 2625 | | | |
| (C) enter east brook | 29.12 | 0.42 | 357 | 2557 | | | |
| (S) Alder Lake, NE corner | 29.49 | 0.05 | 0 | — | 2200' | | ca 3 PM cut 1:35 PM just in time before thundershow |

* Just before, MK spoke with Jerry Naveshky at CCED & he was interested in publishing MK thesis.

(A) Alder Lake shoreline flora. No alders! Arrowwood dominated along with CRAT, 270-23
CARP, Caltha in fl. 2200'

(B) EUM, ASH OST gently-sloping moist cove. Log road levels off & enters it. 2404'

(C) BASS, 10AK. Neraxium. Hiking loop completed here. Podystichum braunii 2540'

(D) End moist cove with ALLIUM, LAP,
HYDRO, ARTS, OSMORHIZA, DIC. 2574'

(E) level log rd-on terrace
at 2693'

(F) Bog sampled:

| | | | | | | | |
|---|--------------------------------------|----|-----------|------|------|--------|--------|
| { | <u>VCASS</u> | YB | B } on | ERY | CINN | AA | SPINAG |
| | <u>SORBS</u> | RM | BC } edge | VV | | COPTIS | |
| | <u>RHODO</u> | | | UVUL | | | |
| | <u>AMEL</u> in fl. (Aronia instead?) | | | | | | |

20 inches to ledge or flagstone. Per Sample from 18" to 20" depth.

(I) Summit 3220'. 20 ft boulder on top with a small overhang to cache food & packs
in case of rain (it didn't) while we hiked pack-free to 3260' summit.
Crows to 35'. BC dom, YB, RM, B, one small SORBS at topth boulder and
another on W ledge nearby. All 1°. RG

STUMPS: to west about 1 ledge, ca. 40 ft, below, 3186'
to NE at (J) at 3152'
to SW at (KK) at 3169'

} 10' above these 3
entry points

(K) Summit 3260'. Crows to 35' to 40'. BC Beech dom. Also YB, RM, several SUG to 6"
SM, ERY, OX, MC, S, LL. 1°. YB to 26", BC to 22" & 30". SORBS on
SUG to 33" about 30' below to W at ca. elev. 3230'.
W ledge top.

(L) level^{upper} log road, elev. 3059. How do these roads all connect?

(M) Top of high ledge, 2855', OST

(N) BASS, 2778', near base of high ledge

(O) Podystichum braunii, 2770'

(P) Springs & ASH, 2761'

(Q) lower level log road, 2753'

(R) enter log road sloping down to SW, 2625'

(S) Polemonium vanbuntiae \approx 100 ft from trail, along west brook.

Lake Loop:

(T) Saxifraga virginica - the tall one. & Apple

(U) SE corner of Lake's NEM & NEMO