

Beaver Meadows on Southeast Slopes of Cradle Rock Ridge

6/6/09

See pp. 270-7 to 14

$R = 0.959$

This is p. 271-5

| Site | p | Δp | Δe | e calc | e map | time | R |
|---|-------|------------|------------|--------|-------|-----------------|--|
| (A) Peapack Res. at Bankaboom Rd. | 30-12 | | | | | | DMW R1 needed: $2480' - 1770' = 710'$ $\frac{710'}{0.74} = 959'$ |
| (B) Bankaboom & B'Kill Rds. | 29-60 | 0.00 | 0 | — | 1770 | | |
| (C) CRR parking area | 29-26 | 0.34 | 326 | 2096 | 2120 | 10:00 AM | |
| (D) approach brook | 29-13 | 0.47 | 451 | 2221 | | 10:16 | |
| (E) large trees | 28-95 | 0.65 | 623 | 2393 | | 10:33 | |
| (F) brook on ledge | 28-89 | 0.71 | 681 | 2451 | | 10:40 | |
| (G) 1st beaver meadow | 28-86 | 0.74 | 710 | 2480 | 2480 | 10:50 to 11:45 | |
| | | | | | | 1st lunch 11:10 | |
| (H) cross 2nd log road | 28-78 | 0.82 | 786 | 2556 | | 11:53 | |
| (I) log road Junc. | 28-82 | 0.78 | 748 | 2518 | | | |
| (J) pond | 28-84 | 0.76 | 729 | 2499 | 2500 | 12:10 | |
| (K) outlet to last meadow | 28-85 | 0.75 | 719 | 2489 | 2470 | 12:43 to 1:03 | |
| (L) log road | 28-93 | 0.67 | 642 | 2412 | | 1:30 | |
| (M) down more steeply | 28-97 | 0.63 | 604 | 2374 | | 1:42 | |
| (N) lean-to. <u>Severid</u> | 29-12 | 0.48 | 460 | 2230 | | 1:55 | |
| (O) stone wall | 29-16 | 0.44 | 422 | 2192 | | 2:03 | |
| (P) Cabin | 29-23 | 0.37 | 355 | 2125 | 2280* | 2:06 | |
| (Q) B'Kill Road | 29-26 | 0.34 | 326 | 2096 | 2100 | 2:16 | |
| (C) CRR parking area | 29-28 | 0.32 | 307 | 2077 | 2120 | 2:26 to 2:43 | |
| (B) Bankaboom & B'Kill Rds. | 29-60 | 0.00 | — | — | 1770 | 2:57 | |
| (A) Peapack Reservoir at Bankaboom Rd. | — | — | — | — | — | 3:10 | |

2nd lunch at (K) 12:43 to 1:03.

* Show on 1982 updated Arena Quad. Error in elev. or location?

271-6

2120' (C) Large # of forest tent caterpillars crawling on road, beginning to feed on SUBs (no major defol. yet - too early in season) & droppings audible.

The panmixic flr with striped throats abun. at (K) but few caterpillars.

2221' (D) AM, OST, B, BC, sub dom but little defol. (at least not yet).

NF & DP profuse from (C) to (D), almost continuous.

Stumps widely-scattered & few from 1950s & 1960s. Brook in 20' ravine makes an S-curve towards (E)

2393' (E) Trees larger. Stumps no more. Less NF & DP. More shaded & more B coppers. SUBs to 30", YBs to 24". \$int. This could be an e-p.

See pp. 271-1 to 4.

OX-TB-UVUL-TE-\$INT-VROT

2451' (F) Big fallen SUB. Stream flows over a low ledge. Ravine only 2' deep here, locally.

Two 26" YBs. 28" RM. Brook in 15' ravine above to --

2480' (G) Beaver meadow with crelet flowing for a distance in the open below the dam. Approx. 350ft across pond.

This meadow shows on 1945

Arena Quad., aerial photo 1943. At least 66y old & prob. much older. Not shown on 1901 Mile Quad, but may have been missed.

2 Beaver lodges in middle of pond, ^{one} old, ^{one} new.

Beaver meadow flora -

Spiraea tom. dom.

Ilex montana with lvs. expanded only to 1/2" to 1". Local thickets.

Vacc. ang. & myrt.,

IMP, RS, tall Juncus, Sparganium ??

(no fls yet), CINN, Triadenum, Denstata, Onoclea, Fragaria

Polygonum sag (? - lvs < 1" long)

Rlac at inlet. Aster umb.

Cx can, Cx sparg? Cx crim abun.

Philonotis fontana abun. at inlet.

One Typha popin. at NW end of pond.

Sphagnum drying at on banks up to 2' above pond.

Scattered dead trunks, old, with tops broken. Trees at meadow margin are mainly RM & KB with B coppers, invading the drier pond margins. BC also. NO tree repro. in wet meadow.

(continued on p 271-8)



Zen Studier Soc.
Turnwood / W
Zen
SJM

Add to p. 271-6:
 "Phytanopsis fontana abun.
 at inlet of
 between lines
 "Cx can --" and
 "One Typha"

PEAT

Probes: Most $\ll 12''$. One 14'' probe in Graminoid mat near inlet. Max-probe $> 30''$ with hiking stick at N end, about 75' W of Zen sign nearest middle of ponds, in Graminoid mat off a fallen log.

(H) 2556' Stumps begin almost immediately above N end of meadow. Cross 2 skid roads heading down to SE. 30' RM. Thick B copres. Stump date to ca. 1985 (see p. 290-1).

Follow log road NE on terrace, now densely covered with DP, below 10' ledged talus. 24'' ASH-2 trunks. Log road turns from NE to N & descends gently to (I) 2518' almost within sight of the pond.

(J) 2500' Pond is man-made. 1982 Arena Quad shows a dam symbol. Aerial photos show a perfectly straight dam — unlike a beaver-built one. 3 ft diam pipe goes under the dam in addn to outlet just to south.

Steep shoreline, baldy all around except for dam. Only a few dead trees at margin near inlet.

Beaver lodge on S shore.

Dam must have been built betw. 1943 & 1982. Any clues

Zen
ORIGINATING
1976
(see p. 290-1)

to exactly when?

271-8

(K) 2489' A series of beaver dams & ponds, about 4 in a chain, are along pond outlet. The outlet makes an abrupt 90° bend at the lowest pond & flows SE. Two ponds show up on 1982 Arena Quad & aerial photos.

Flora Typha, CYNURIS, Lysimachia

tem Rhisp, few PM saplings, Rpub. Not many dead trees suggesting this area has been open for a long time. Ox stricta?, Cecnosta, Dulichium in standing water, Onoclea, Osmunda CINN + Clayt, Ox & Coptis on shore.

At outlet to lowest pond:

Caltha in fruit; Ranunc sept. in flower. Vacc myrt. Dense B border. IMP, Galium trifidum, CARP, a few SRUG.

(KK) Cross log road 1-12

2412 Small seeps, then large open DP glade with road (L) through it. Whole area is a mosaic of dense B copres and open DP glades.

(M) 2374' No veg. notes here

(N) 2230' Senecio aureus in fl. below lean to along brook

Just below: Apple, barberry, ASH, HAMAM 95% Brachyelytrum cover circa. AMEL. Pearly refaerated pasture begins. abun.

(O) 2192' Highest elev stone wall.

(P) 2125' Cabin is at head of still-open pasture. In pasture: Lycnia, Spirea lat, & 1 SURB.

SMK blaze 2:12 PM soon lost at a corner.

(Q) 2100' Salix seneca along road

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