

(K) Follow brook to ford of yellow trail. Mill Brook Leanto visible about 250 feet distance up to NW.

X One plant in flower of Monarda plus Heracleum. Heracleum follows Mill Brook above the bridge, too.

SOUTH PART OF EXPEDITION

Q At west end of Bog # 380 on moraine. Two 30" BCs, two 24" RMS, one fallen.

R 36" sub dead, broken at about 30' up. Tree located about 20' above SW corner of bog. 30" sub east of it. Few hemlock at SW end of bog, becoming more abundant progressively eastward.

S Several 30" subs, 24" RM, 30" YB, 21" ash. Two young bears dashed by here, maybe 1 a 2 y old.

T Broken off sub ^{24" dbh} with a 3' high stump. Full radius 17", remaining 8" after radius 95 rings. Full age projection: $\frac{8"}{95y} = \frac{17"}{2y}$. Heart rot 9" of radius inner. 202y

U Bog out of sight here. Max hemlock to east.

(#56) Broken HEMLOCK 75y full radius, 18" diameter way (> 50 ft up). Break so high as not visible. Full dbh 36". If constant growth rate, Hemlock is $75 \times 2 = 150$ y old. Probably more.

(L) Lunch stop at 28.5" live healthy Beech. Measured accurately with rope tied onto adjacent sprout branch. To relocate this beech in future, descend straight down to east →

end of Bog at (M).

298-12 Folder (6)
260-76

On way down, another large Beech 20" dbh had come down naturally, not by bark disease, broken 15' up. Diameter at break 15", 55y in 5" radius. Heart ^{rot} 2 1/2" radius. Projection: $\frac{55y}{5"} = \frac{93y}{7.5" \text{ radius}}$

+22 y to reach 15 ft. $\Sigma 115$ years
43" YB found NE of below the 45-8" Hemlock on

(M) Come down to E end of Bog, and past 28" lone YB about 10' above water. At E edge of semi-open hardwood-Sphagnum area. Hem forest farther E. Climb a narrow gentle ramp spur up to ---

V A 36" BC and a 30" BC.

(N) 30" Ash.

(O) 45" Hemlock, the largest in the area.

W 30" subs + 24" hemlocks making gently E downslope toward Mill Brook. Pass head of small, narrow cave and onto a flat.

(P) At the Mill Brook sandstone gorge, Hemlocks to 30". Joining clear in stream bottom. No shale.

Large YB near bridge over Mill Brook - maybe 33" ? (not recorded) with blaze on it.

Y is a SNY designated camniste, by reservation with forest ranger only.

No roads or stumps obs. South of Bog #380/ confirming obs. of 10 (see pp. 265-45 ff). Old, large trees of 67 spp: SUB, RM, B, YB, HEM, BC, ...