

File in hemlock AND B. Lakeman files

260-75B

47" dbh hemlock at 1^o Mill Brook stand
Cored 6/29/18 with Gary Lovett, Colin Fuss &

Paulina ? from
Sienna College

Radius: $\frac{47''}{2} = 23.5'' = 59.7\text{cm}$

of which 16" increment borer can penetrate 40.7cm
but pulled a core 29cm long instead.

new Jim-bem
increment borer
used for
1st time

Fragment	Length	years, counted
1	8cm	37
2	6cm	22
3	2cm	13
4	3cm	13
5	3cm	9
6	7cm	130 stuck in borer, and compressed disintegrated in removal

$\Sigma 29\text{cm}$ 124y This is $\frac{290\text{mm sample}}{597\text{mm full radius}} = 48.5\%$

$$\frac{290\text{mm}}{124\text{y}} = \frac{597\text{mm}}{255\text{y}}$$

Mean radial annual increment = $\frac{290\text{mm}}{124\text{y}} = 2.34\text{mm/y}$
Fast growing

Estimate of full age of tree.

$$\frac{597\text{mm full radius}}{2.34\text{mm/y}} = \boxed{255\text{y}}$$

Same age as 36" dbh hemlocks on the moraine
Not Bag #380!

An earlier estimate was 278y with a cluster wing count.

Radial increment RANGE =
1 to 4mm/y.

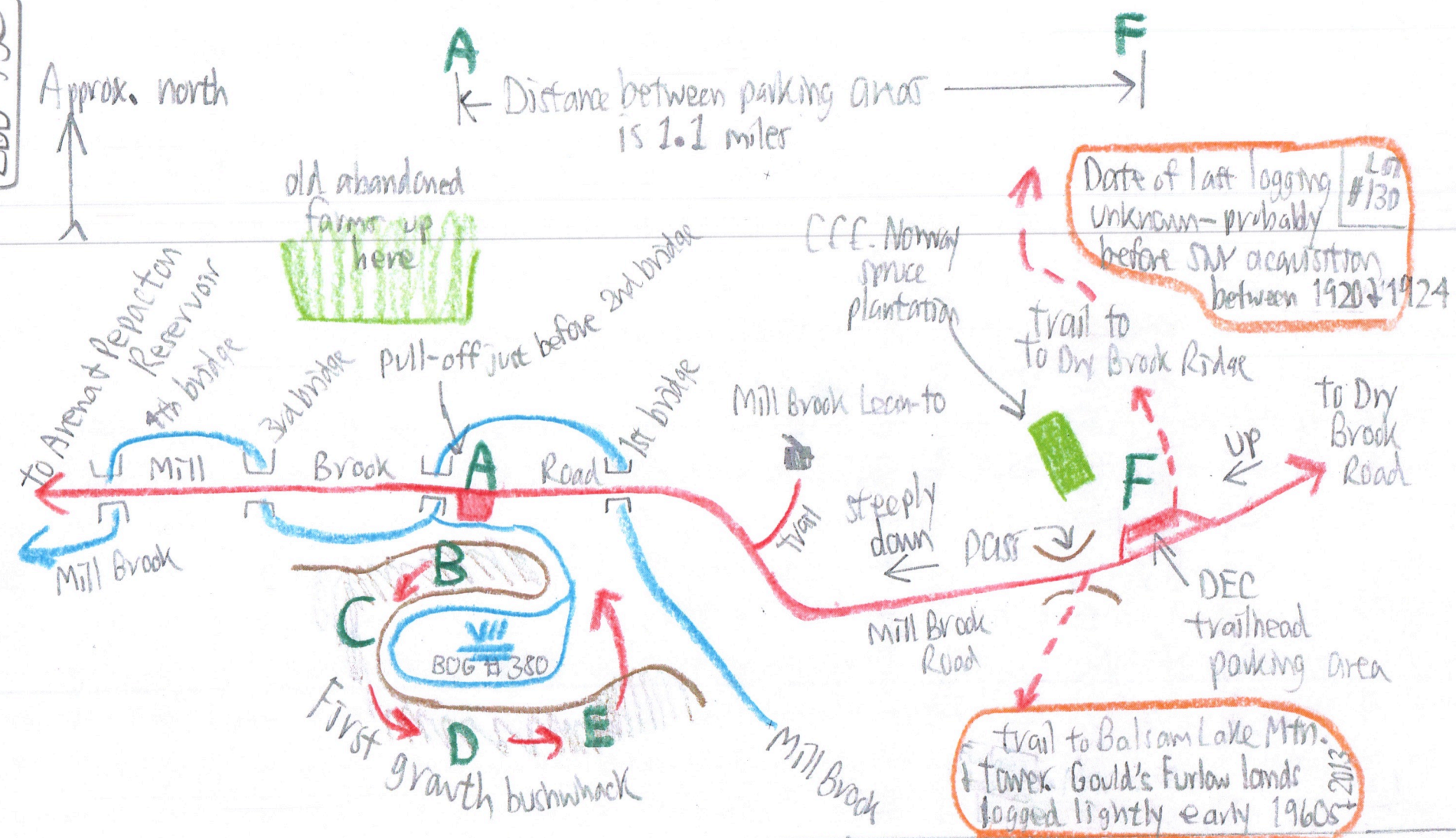
26075C

Start to Gary Lorett 6/19/18

Approx. north

A ← Distance between parking areas is 1.1 miles → F

old abandoned farms up here



Date of last logging
Unknown - probably
before SNY acquisition
between 1920 & 1924
Lot #130

Trail to Balsam Lake Mtn.
Tower Gould's Furlow lands
logged lightly early 1960s
2013

A Pull-off holds several cars.
B Hop the outlet brook & climb steeply up onto the moraine old growth hemlock ridge. Steve Parisio had dug soil pits here ca. 2015.

C. Continue ^{south} west along moraine ridge & enter 1st growth northern hardwoods forest. Turn ^{south}.
D. Turn east, going counter-clockwise around Bog #380 (actually a hemlock-yellow birch fen).

Center of 1st growth is everywhere along south side of bog.
E. Turn north at east end of bog & return to road.