

Springs

SE of Eagle Summit
W side of trail #1338
Elev ~~±300~~ (closer to 3200)
3220

Haynes - Balsam
Col #1324
1st numbered in 2002

5.2

44°F
55°F

11.70 mg/L at 6.0°C

7.21 mg/L at 23.5°C

Water at 1st not observed on seep. Heard in the ledge. Litter scooped out in a crevice in the ledge with large enough pool for water sampling.

SUB dam,
few B + BC

RLAC
SAMB
MM
CHC
abun SUB repro

CLAYT
LAP
AA
DICEN CAN
MITELLA
TIAR
VC
EUP
SM
CALLO
HYDRO

Rumex crispus?

RS

ALLIUM, TE / ERY
MILIUM (blue-green hrs)?

4.9

42°F
51°F

11.61 mg/L at 5.4°C

8.18 mg/L at 19.6°C

← #

pH water
Temperature
water
air
Oxygen

Calibrate O₂ in chamber

SUB dam
YB

← FLORA

SAMB

ZMP
CURYSO
LAP
HYDRO
CLAYT
RS
TIAR
VC
DIC (?-no fld)

ALLIUM
TE
ERY

Time table

McKenley Hollow	0.0 ← miles	12:45 PM	6:36
COL Balsam-Haynes	1.85	1:45	5:30 5:10±
Haynes	2.55	±2:06	4:50
Haynes-Eagle col	3.35	—	4:23±
Eagle	3.85	2:45	4:00
Eagle Spring	4.25	3:05	3:40 ↙

Forest History = banking

Bank road follows
McKenley Hollow with
2 branch roads
1st to S just before
1st ford
2nd to N just before
2nd ford

Main road ends along
trail at base of steepest
part, where the NEM
ends, ∴ a bank road.
10 begins here.

- Wey's Tannery ran: 1835 → ±1870
- Smiths: 1844 → 1860s
- Guigou's: 1831 → 1858

10

Few trees along the
Kaynes-Eagle ridge
line are >20" DBH, in fact
suggesting 20. This
may be because growth
rates are slow and
because of the exposure,
few trees >150 years.
Barkaboom Men & other
one like this (initially thought to be 20).

% stones

222-12

Higher stoniness is concentrated both above & below ledges

Along Kaynes-Eagle ridge line on trail,
ranging from 67% to 75%+ on PB talus
down to site with <25% up to 50 to 100'
long along trail. These stonier sites can
be <<25% maybe 10%?

Ridgeline as a whole maybe 40% rock,
suggesting BC-B dominance on such volume.

PB talus just above trail head in McKenley
Hollow before 1st ford, elev. ±1750 ft has
67 to 75%+ rock with NEM. Abrupt boundary.
Maybe a post-glacial, pre-forest, rock slide??

SUG areas from the col down to McK Hollow
can run 67 to 75% (rarely) but in seeps, locally
40 to 50%, but mean about 25 to 30%.

One flood-washed till ~~exposure~~ at 2nd
ford, is about 40% on a fresh exposure, but

Balsam fir on Eagle

not so much in area
but in # trees

Population is rapidly expanding, 1st noted in
1995 with Mike Macken, AND since then many
fir 8 → 10 y old in 2003 have come in.
Reprod. is not confined to 1 or 2 heavy seed
years but is an ongoing process.

Could Balsam Lake Men-fir summit popln
waxed & waned
over 12000 y?
VanWyck's fir
popln is also expanding

initially misinterpreted 10 stands

EXPANSION ON VANWYCK MOUNTAIN
STAY CLOSE