

# Balsam-Haynes-Eagle Mtns.

22014 with Mike Macken  
6/5/195

**Hemlock** cut to clear trail from Rider Hollow to col betw. Balsam & Haynes Mt. Cut maybe ca. 1985 with bark still on. 25 inch diam. at 10 ft above ground = 155 yrs. First 40 years, 1830 to 1870 ± with slow growth. Then next 115 years, 1870 to 1985 rapid growth. Tree older than 155 yrs. because it took time to reach height 10 ft, maybe another 20 years.

**Sambucus** in fl. photo # 858 at ca. 3300 ft on S slope of Balsam Mtn.

**Juncus aureus** with small rays in bud. Bud opened manually for photo # 857.

View from Balsam Mtn. Look out to east.



↑ note succession of steep basal slopes above the Esopus.

## Firs on Haynes Mtn. (more over →)

Begin at ca. 3300' above col to Balsam Mtn.

29 trees counted visible from trail.

No repro. Most <sup>are</sup> shorter and growing under the crowns of the hardwoods of various species — not SUB at all, but mainly BC. Only 3 firs are emergent. Hardwoods cast nearly continuous shade. The "enemy" of fir is NOT SUB <sup>at all</sup>, but BC, YB & RM — all 3 longer-lived. Of 17 firs, 7 were suppressed by BC, 4 by RM, 5 by YB, & 1 by Beech. Some firs have 2 hardwood spp. Suppressing them.

The 1970 Thesis idea that the firs will all be gone from Haynes Summit by the year 2000 looks like an error. Maybe <sup>by</sup> 2025. Surely by 2050 if no blowdown or other major disturbance occurs.

## Haynes-Eagle Col.

**BC** cut to clear trail, 23" diameter, 165 years. Cut maybe ca. 1985. Bark beginning to fall off.

220-15  
**Firs** on South slope of Haynes Mtn. below the upper ledge:

7 live + 3 dead, many with broken tops.

4 more in col to Eagle.

**Sorbus** 1 on Haynes summit, a young tree.

Some at the lower conglomerate ledge on the S slope.

## Eagle Mtn.

**Firs** begin again at about 50ft elev. above Haynes Col. Lightning-exploded fir at 12ft up, 9" diameter, 45 years.

Summit = Eagle has good fir repro; in one place along trail just N of summit on W side there is a thicket reminiscent of those on Balsam Lake Mtn. The most open hardwood stands are filled with fir thickets.

Eagle<sup>Mtn.</sup> apparently has less competition between firs & hardwoods & the firs are thriving. Wind <sup>now</sup> like damage must be more severe on the hdwds here than on Haynes.

Hdwds only in 1/2 leaf on 6/5/95

## Rider Hollow

Basswood below the 1<sup>st</sup> (<sup>?</sup>) Hemlock grove and above the Eur-larch plantation.

2 Balsam poplars (<sup>large</sup>) at ford near Rider Hollow trail head below 1st lean to site and just above trail register. These could have been planted or are native. Old fields above, <sup>are</sup> now with Eur-larch so that trees were planted.