

Dutcher Notch to Stork's Nest Road 6/8/89

515-4

Location	Map Elev.	Pressure	Δp	Δe	Elev. calc.	Time
Colgate Lake Trail Head	2100'	29.60				9:13 AM 2:47 PM
ford brook	±2250'					9:38 2:21
opening						9:42 2:16
bridge over brook						9:50 2:09
Capra trail junc.	2200'					10:01 1:53
ford	2220'					10:08
two brooks on ledge						10:22 1:30
fir (last) BASS at ±2420'		29.31	0.10	96	2404	
Dutcher Notch	2500'	29.21	1.34	1280	2500	10:33 1:12
SUG-ASH						1:00
highest RED OAK & VACER		29.30	1.25	1194	2414	
highest OSTRYA J.		29.38	1.17	1117	2337	
Spring = highest BASS	2000'	29.45	1.10	1051	2271	10:45
↓ lowest MM		29.50	1.05	1003	2223	
↓ scat PB, RILACUTRE ↓		29.52	1.03	984	2204	
		29.59	0.96	917	2137	
highest HAMAMELIS ↓		29.64	0.91	869	2089	violet cross trail.
Trail breached by brook bed.		29.70	0.85	812	2032	
Trail on red shale bedrock + gray SS		29.72	0.83	793	2013	
highest BIGTOOTH 10"		29.75	0.80	764	1984	
lowest SPRUCE ↓		29.80	0.75	716	1936	
highest VACC VACILLANS + CN-OAK		29.85	0.70	669	1889	Red Maple
highest CHESTNUT SAPL.		29.90	0.65	621	1841	
OLD BLAZE LINE		29.95	0.60	573	1793	
highest BLACK BIRCH ↓		29.97	0.58	554	1774	near upper end of hairpin.
Trail bend (hairpin)	1750'	30.00	0.55	525	1745	
highest MTN-LAUREL + Rhodo ros.		30.06	0.49	468	1688	ranne head
		30.13	0.42	401	1621	
big SS boulders on NW		30.18	0.37	353	1573	Bum index
SNY blaze (Blue Line)	1620'	30.20	0.35	334	1554	
highest skid roads: 1989		30.30	0.25	239	1459	
skid road branch to N		30.40	0.15	143	1363	
RED PINES ↓		30.45	0.10	96	1316	
HITEPINE, FL DOGWOOD + COMPTONIA		30.46 + W	0.09	86	1306	
log road to S		30.50	0.05	48	1268	
Trail register above	1220'	30.55	0.00	0	1220	11:30 →
Stork's Nest Rd. at brook bridge.						

SNY sign says 4.0 miles

SNY sign says 2.4 mi to Hawver Road.

$$\Delta p = 30.55 - 29.21 = 1.34''$$

$$\Delta e = 2500' - 1220' = 1280'$$

$$\text{rate} = \frac{1.280''}{1.340} = 0.955$$

Bum index
8

0.5 mi sign

Ground Cover

Mitella } 2204', 1984'

LAP
OSMO
S LAT
Cyst frag?
Saxifraga ^{var.}
(not var)
Rubus odor
Hydro
Eup

Amacm 2204; 2089

AN 2500' to maybe 1220'

\$ = 2500', 1984'
ADIV = 2500'
CB = 2500'
OX = 2500'

Awolesia = 2414', 2137' in fl

Pedicularis = 1459' (S)

Vacc ang = 1573' (Q) ±

Lysimachia
swad = 1793' above (N)

Lonicera can. 1984' (M)

VC, } in fl. 2137' above (K)
V ~~serena~~
CUC

PA 2032' above (L)

Panax in fl. N of
Capra June.

MO 1316' to 2500'

Hemlock abun in groves
from Natch to Starks Nest
Rd,

Geology & Soils

Spring at 2271' flows out of
the base of a high (±40')
SS ledge, the highest ledge
along the trail.

At 2089', Escarpment 30° slope ^{trail on ledge}

At 2013', trail ended into
4' of till -- no ledge.

At 2032', till > 4'.

At 1984', the trail is on
red shale bedrock alternating
with gray SS. The Escarpment
slope here is a gentle 15° or so.

At 1936, cobbles in till are
Quartzite -- like Potsdam: white.

At the 1745' broad hairpin,
the trail is ended into till
> 10' deep & no ledge visible.

At 1688', a ravine head
begins along the trail &
gradually diverges to the SE;
it is ±15' deep in till -- no ledge.

SPRUCE: Common in Lake
Capra area in Dutchess Notch
but scat-down the Escarpment:
3 SPR, to 12" at 1889' W of trail.
16" SPR below trail at 2223'.

Saplings common between
Notch 2500' & Spring 2271'.

Forest History

Red oak cut stumps at about
1400':
Tree #34 → 26" = 80 yrs
26" = 90 yrs #35

Logging is current. Chainsaw &
skidders audible in distance.
Land owned by R. Machacek,
Rand Top, NY. Skid roads
climb to 1469' ^{with} Fresh skidder
tracks in mud.

Oak (Red) cut to clear trail at
1984' Tree #36 18" stump = .115 yr.

Chestnut oak - Black birch - ~~Bristle~~
Mt Laurel, suggesting burned
lands climb to about 1750' / 1850'?

Above, Red oak dominates to
2414' (almost the Dutchess Notch)
but probably ^{site} was logged or burned
less -- disturbance less severe:
PBs scattered to 2414'; no solid stands
30" diam at ±2089'. Beech > 2411'
at 2137'. Oaks to 2411' at 2089'.
Oak not reproducing. Replacement
by SUB-OST-B.

At 1534' blaze:
OAK-SUB-B-OST-HEM-ASH-PB-
VACER-BASS

Spruces W of beaver pond between
Lake Capra & Dutchess Notch, cut that
day by DEC trail-clearing crews.

Diameter	Years	Tree #
8 1/2"	70	77
8 1/2"	75	78
11"	50	79
8"	65	80
6"	35	81
5"	35	82
11"	70	83

Phenology

Mtn Laurel in fl. bud
 Fl. dogwood white scales on ground.
 Vib acer in flower at 1268'
 in fl. bud at 2032'

Dutcher Notch Flora

- SUG } to 60' tall
- ASH } to 60' tall
- KB } to 60' tall
- B } to 60' tall
- SPRUCE
- SAMB.
- MO
- PIN
- AN
- \$
- ADIV
- CB
- HEM
- COENUS ALT
- VA
- MM

Trail Plan

5156

Spruce & Fir occur in:
 old fields
 logged lands
 old growth
 Swamps

