

Biscuit Brook Ridge Fir Mtn. via South Spur

With Jack Brevhorst
5/19/98

243-4

Site	p	Δp	Δe	e calc	e map	time	r
A Biscuit Brook Trail Head	29.47	0.00	—	2090	2090	7:30	
B leave trail; follow brook	29.40	0.08	70	2160	2130	7:45	$\frac{3620-2090}{29.48-27.73} =$
C braided brook	29.35	0.13	114	2204			
D trees	29.22	0.26	227	2317			
E brook approaches blaze	29.16	0.32	280	2370		8:10	$\frac{1530}{1.750} = 0.874$
F brook jugs east	29.07	0.40	350	2440			
G trees; boglet	29.08	0.40	350	2440			
H trees	29.00	0.48	420	2510			
I trees	28.94	0.54	472	2562			
J base of 1st ledge	28.74	0.74	647	2737			
K 2nd ledge	28.66	0.82	717	2807			
L on crest	28.60	0.88	769	2859		9:03	
M crest levels	28.54	0.94	822	2912			
N level	28.37	1.11	970	3060			
O trees	28.33	1.15	1005	3095			
P 1st live fir	28.30	1.18	1031	3121		9:45	9:45
Q fir grave	28.28	1.20	1049	3139			
R 3200' flat	28.24	1.24	1084	3174	3200		
S top 4' ledge	28.20	1.28	1119	3209			
T cairn on boulder	28.23	1.25	1093	3183			
U 2nd fir grave	28.27	1.21	1058	3148			
V COL	28.28	1.20	1049	3139	3170±	10:37	10:37
W top 8' ledge	28.17	1.31	1145	3235			
X 3rd fir grave	28.10	1.38	1206	3296			
Y knoblet, 1st	28.00	1.48	1294	3384			
Z knoblet, 2nd	27.94	1.54	1346	3436			
AA Fir Mtn. Summit	27.73	1.75	1530	3620	3620	11:35	11:35

Descent via Biscuit Brook 243-5

site	p	Δp	Δe	e calc	e map	time	r
AA Fir Mtn Summit	27.76	1.61	1530	3620	3620	12:30	
BB trees	27.78	1.59	1511	3601			3620 - 2090 =
CC trees	27.90	1.47	1397	3487			29.37 - 27.76
DD trees	28.10	1.27	1207	3297			
EE trees	28.12	1.25	1188	3278			1530 = 0.950
FF highest SUG	28.15	1.22	1159	3249			1.610
GG top 30' ledge	28.23	1.14	1083	3173			
HH top high ledge	28.29	1.08	1026	3116		1:15	
II 2nd SUG	28.36	1.01	960	3050			
IJ sub common	28.42	0.95	903	2993			
KK sub terrace	28.50	0.87	827	2917			
LL OST	28.62	0.79?	751	2841			
MM ASH	28.85	0.52	494	2584			
NN Biscuit Brook	28.87	0.50	475	2565		1:55	
OO trees	28.88	0.49	466	2556			
PP trees	28.90	0.47	447	2537			
QQ falls	28.96	0.41	390	2480			
RR tnb - from east	29.01	0.36	342	2432	2420	2:39	
SS trail approaches	29.04	0.33	314	2404	2400		
TT trail fords	29.08	0.29	276	2366	2350		
UU lean - to junction	29.10	0.27	257	2347		3:07	
VV Jun. log road	28.98	0.39	371	2461	2460	3:50	
WW BASS.	29.10	0.27	257	2347			
BB cross brook	29.28	0.09	86	2176	2130	4:08	
AA Biscuit Brook Trail Head	29.37	0.00	0	—	2090	4:17	

First growth: 2437

Could begin as low as (C) 2204 because there are no roads or stumps anywhere above (except at (R)). However abundance of Ash to (K) 2807 suggests the entry point be drawn here.

On the south spur at (R) ³¹⁷⁴ are about 1/2 dozen GC stumps without logs at least 50 years old. When was this lot acquired by SNY? This is a small area of several acres. First growth quickly returns.

On the descent, a possible log road occurs at (SS) 2404, although Ash scatter up to 2584 at (MM). Definitely 2nd growth around lean-to at (UU) 2347. Few large trees.

Check 1975 ascent for lot growth border.

At (G) 2410' there is no Ash locally, but then the sub DB ascent big eastern, so 2° prob.

Sign along highway at ^{Birch Brook} trailhead:

State land acquired 1957-1965.

TREES

243-8

FIR: 1st dead at (O) 3095
4'x12' tall, top
broken. Dead > 10 years.

1st grove { 1st live 5" x 25' at (P) 3121
2nd → 6th live to (Q) 3139
suppressed trees under
hardwoods

2nd grove: 1 fir at (U) 3148,
and 2 max small

3rd grove: about 15 trees at
(W) 3235 to 40' x 7"
(AA) 2 seedlings. Red
Squirrels chew off
fir twigs?

4th grove: (X) 3296 with
abun. seedlings than
area with recent
blowdown & pole
stands of YB, RM & BC.

Nearly continuous from
(Y) 3384 to (AA) 3620.
Abun. repr. at (Z) 3436

Fir Mtn. Summit -
± 10 to 15% of canopy.

Descent: Fir at --
(BB) 3601 with ridged bark
(CC) 3487 fewer
(EE) 3298
(GG) 3173 1 dead atop
ledge, some at base.

FIR, continued

(HH) 3116 several
(II) 3050 lowest Fir of ridge
population

Valley population along
Biscuit Brooks, all suppressed

(NN) one tree on W bank 2565
(PP) 2nd tree 2537 13rd
(RR) 2432

Just two on trail at brook

between (TT) 2366 & (UU) 2347.

0.8 mi SW of Denning - Shandaken Turnpike

SORBUS 4 at (V) 3139

Seedlings at (W) 3235

2" x 20' at (X) 3296

None on Summit

(BB) 3601 - one tree
(CC) 3487 (DD) 3297

(GG) 3173 several on ledge

(HH) 3116 several to 20' "
also on high ledge

OSTRYA

(D) 2317

(KK) 2917 sapling

(LL) 2941 12" big

(WW) 2347

WHITE ASH

(A) 2090

(B) 2168

(C) 2204

(D) 2317 to 33"

None at (G)

(H) 2510 three to 24". One
with broken wood
45 years = 6" of radius.
or about 8 rings per inch

(I) 2562

(J) 2737 common

(K) 2807 highest

Turnpike along W Br New York.

(MM) 2584 just above Biscuit Brook

(NW) 2865 2nd

(OO) 2556 3rd

(PP) 2537 4th, 5th

then common through

(WW) 2347 to (A).

BASWOOD

(B) 2168

(C) 2204 to 24"

(D) 2317 seedlings

(I) 2562 highest elev.

(WW) 2347

PIN CHERRY: One near NW end
of Fir Mtn. Summit, in flower.

SUGAR MAPLE

- (D) to 24" 2317
- (G) no big sugar here, just smaller ones 2490
- (J) Scot-SUG 2737
- (L) to 30" ridge growth 2859
- (M) 3060 Scattered with B-BC dominant
- (O) 3095 very bonny SUG out
- (P) 3139 several 4", one 8", 6", 9"
- (T) 3183 scattered
- (V) 3139 scattered up to but not above
- (W) 3235 ledge.

- (FF) 3249 1st order cent
- (II) 3050 2nd tree
- (JJ) 2993 Common abruptly from here down
- (KK) dom. on terrace 2917 to 24" in moister site.
- (OO) 2556 to 30" - good stand!

EMMLOCK

- (A)
- (G) young grove to 10'x30"
- (HH) two seedlings on ledge top
- (QQ) 3 trees on W bank: begins to mature, then whole grove to S. Common from here down.

YELLOW BIRCH

- (M) 36"
- (N) to 22"
- (Q) 38" next to 8" SUG.
- (V)
- (LL) one 30", one 36"

SHRUBS

ILEX MONTANA

- (A), (E), (GG) common to (JJ) on the ledges

NEMO PANTYUS

- (HH) on dry ledge top

R. TRISTE

(C)

R. LACUSTRE

(C)

RIBES GLANDULOSUM

(G)

KAMAMELIS

(PP)

RIBES CYNOSBATT

with brothy base like R. lacustre

CHOKECHERRY

(GG) MTN-MAPLE

VIBURNUM ALNI

(M)

(U)

(X) in flower

(AA) in flower

BLACK CHERRY

- one at (J) 30"
- (K) more common to 33"
- (L) to 30"
- (N) cake 24" deep dominant with B
- (O) dominant
- (P) dominant
- (Q) co-dominant, to 24"
- (R) stumps without logs, > 50 years, perhaps 1/2 dozen.
- (V), (X), (AA)
- (F) 30"

CARPINUS

(A)

243-9

SUMMIT FLORA, FIR MTN.

FIR 10 to 15% of mass Canopy to about 30'

- B
- BC
- RM dominant
- YB
- 1 PIN in fl.
- MO
- VA in fl.
- SM
- Anemone in fl.
- Claytonia in fl.
- Ery end fl.
- MC
- CB
- LL
- \$ intermedia
- \$ Camptoptera

Canister NOT located after 3 circuits of Summit flat

temporarily removed, MK learned later

FOREST ON CREST (L, M, N)

RM-SUB-B-BC-YB to 60' tall. SUB gradually thinning & absent at (O).

MO seedlings abun, but few mature. ERY & CLYT last fls.

(N) B+BC dom, crown 50', compared to 30' at (AA) (O) BC dom.

biggest DBHs - YB 22".

(O) B-RM-BC-YB dom. 38" YB; thick SUB 4; 4" YB.

(O) BC dom.

(V) Canopy 50'

THE MYSTERY TREE OF 1969 NEAR (VV) WAS NOT OBSERVED; IT MUST HAVE FALLEN & ROTTED IN 29 YEARS. JUST SE of (VV) on side of trail

View of Double top, Big Indian beham & Fir Mts. partial through leafing hardwood at (S) & (T)

HERBS

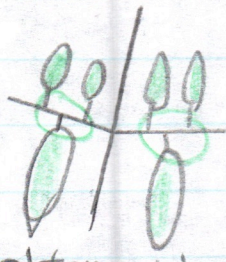
- DICOT
- Panax ac (O)
 - Viola maculosa (G)
 - Cardamine penn.] in spring between (G) to (B)
 - Chrysanthemum (G) to (B)
 - OX (L), (M)
 - Pcili (L)
 - TB (L)
 - Claytonia (AA)
 - Anemone (AA), (W)
 - AA (CC)
 - AN (HM)
 - V rot (KK)
 - LAP (KK)
 - Adiv (KK)
 - V cucullata } Brevhast (UU)
 - Che lone } (UU)
 - Imp (O), (AA)
 - SM (O), (AA)

- MONOCOT
- CB ac (A), (AA), (HM)
 - ERY (L), (AA)
 - MC (AA), (O)
 - VV flat (CC), (KK)
 - Cx novae-angliae (GG)
 - TE (N), (P)
 - TU infl. (P)
 - UVUL (V)

- FERNS et al.
- Atholip ac (D)
 - \$ Camry/optera ac (G), (AA)
 - CINN ac boglet (G) + G. CLAY T.
 - Sphagnum ac " "
 - \$ (L) brown
 - LL (M), (AA), (N)
 - \$ intermedia (AA)

Info on Dryopteris spinulosa by Jack Brevhast

D. campyloterm

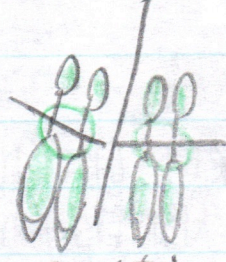


alternately

NO glandular hairs on rachis

deciduous

D. intermedia



opposite

glandular hairs present on rachis

evergreen

D. caroliniana:

(TB) (2)