

8-F28

Bradstreet Hollow

6/11/04

357-2

with Paul Trotta

6/11/04

BOG # 376

ELEV 3060
 Pete Senterman GPS
 LATITUDE 42° 08.845 N
 LONGITUDE 74° 18.026 W

Cal Johnson?
 Garry Hoekstra
 (Gerard)

Pete Senterman
 Laurie Moore
 Doug Egeland

Site	P	Δp	Δe	e calc	e map	time	R
(A) Shandaken Center (42) + (28)	30.74	0	—	—	1050	9:00 AM	
(B) Bradstreet Hollow parking area	30.35	0.39	369	1419	1420	9:40	2490' - 1050'
(C) Tree spp.	30.26	0.48	455	1505			30.74" - 29.22"
(D) bank road - follow it up	30.13	0.61	578	1628			2490' - 1050'
(E) bank road + NEM end	29.96	0.78	739	1789			
(F) Basswood	29.88	0.86	814	1864			= 1440'
(G) 1st Quarry; road out to NEJN.	29.78	0.96	909	1959		10:17	10:17 1.52"
(H) Galium 2 spp. + tree spp.	29.68	1.06	1004	2054			= 0.947
(I, II) Ash blowdown	29.58 29.41	1.16 1.33	1099 1260	2149 2310			
(J) Ground Cover more boreal	29.38	1.36	1281	2338			
(K) " " " "	29.30	1.44	1364	2414			
(L) high above Col on shoulder of	29.10	1.64	1553	2603			
(M) COL lunch 2760' Knob	29.22 29.18	1.52 1.40	1440 1440	2490 2490	2490	11:40 AM 12:15 PM	
(N) Knob in double col.	29.20	1.38	1420	2470			2490' - 1050'
(O) base of steep pitch	29.12	1.46	1502	2552		12:33	30.58" - 29.18"
(P) Top of steep pitch	28.88	1.70	1749	2799			
(Q) tree spp.							
(R) 2nd Quarry	28.79	1.79	1842	2892			= 1440'
(S) wet spots; Canyon 40'	28.70	1.88	1935	2984			= 1.40"
(T) 42° 08.6' N × 74° 18.1' W	28.66	1.92	1976	3026			
(U) Abrupt entry of Spruce-fir flora	28.62	1.96	2017	3067		1:45	= 1.029 (!?)
(V) spruce flat	28.56	2.02	2079	3129			
(W) BOG #376	28.53	2.05	2109	3159		2:23	
(X) sub dom	28.54	2.04	2099	3149		2:30 to 3:00	
(Y) seeps	28.70	1.87	1935	2985			
(Z) ash	28.78	1.80	1852	2902			
(AA) oak	28.96	1.62	1667	2717			
(BB) 3rd Quarry	29.05	1.53	1574	2624			
(CC) 4th quarry	29.06	1.52	1564	2614			
(DD) begin heavy defoliation (continued)	29.20	1.38	1420	2470			
	29.40	1.18	1214	2264			

e-p #131 ±3000ft

e-p #132 ±2800ft

EE	defoliation heads	29.46	1-12	1152	2202		
FF	big tooth down	29.66	0-92	947	1997		
GG	black birch	30.03	0-55	566	1616		
HH	Bradstreet Hollow stream	30-10	0-48	494	1544	4:30	R=1.029
II		30-10	0-48	494	1544		
JJ		30-10	0-41	422	1472		
B	Parking area	30-26	0-32	330	1380	1420	4:53 PM
A	Shandaken Ctr.	30-58	0	—	—	1050	

Vegetation: Trees + Shrubs

SPRUCE

- (U) 3067
- (W) 3159
- (WW) 3149

FIR

- (U) 1st 3067
- (W) thicker 3159
- (WW)

PB

- (W) only 3159

SORBS

- (S) seedling
- (U) 3067

ASH

- (C)
- (E)
- (G)
- (H)
- (I to J) blowdown
- (L) some
- (M) several
- (P) scattered
- (R) 2892' gap
- (V) 2102'
- (Z) abun.
- (CC)

BASS

- 2 seedlings ± 12" & 14"
- thick (F)
- (H)
- (BB)

OAK

- (II) seedling
- (M) several 1st multi-stemmed & 20"
- (N)
- (P)
- (S) two
- (T) one gap
- (AA)
- (CC)

BB

- (C)
- (H)
- (GG)

BC

down at (W) on knob in Col.

See section on abrupt transition from hardwoods to conifers

Bigtooth (FF) one danned

CARP

(C)
down at (HH) & much resembling an old apple orchard in form, overtopped by taller trees

OST

- (D)
- (H)
- (I)
- (P)
- (BB) big

ELM

- (G) sapling

HEM (B) to where

bank road ends at (E) with mature HEM.

- (G) repro. only
- (U) one ± 12" in a spruce-fir thicket
- (JJ) down to (B).

CORYLUS

- (X)

RG

- (N)

HAMAM

- (C)
- (N)

LONICERA CAN

- (N)



At (CC) quarry road has been eroded 3' deep into till.

Peter & Paul saw 2 more small quarries below (CC)

20 steep ledges alternating with SUB SEeps

(WW) 3149 photos
Bag #376 pool

boreal forest

(W) 3159

old spruce blowdown

(V) 3129

Small shallow wet spots outlet 10

boreal forest abruptly begins

(W) 3067

10' high ledge

(T) 3026

(S) 2984

e-p-131 # 2nd quarry Photos

(R) 2892

±3000'

(P) 2799

steep pitch

(O) 2552

The PB burn seen higher upon the W shoulder of West Hill Mt's spur in 1998(?) was NOT seen on this excursion.

to Ox Clove

(N) Knobined 2500

(M) COL 2490

2700' Knob

route up

(H) 2054

(I) 2149

(II) 2310

(J) 2338

(K) 2414

(L) 2603

quarry road down

(F) 1864

(G) 1959

1st quarry

route up

(C) 1505

(D) 1628

(E) 1789

bark road ends at (E)

parking area

old road washed at

(B) 1420'

Unoccupied house

old pasture 1544

David Lemmas house

descend on sloping terrace, steep up to N

3rd Quarry

4th Quarry

intermittent

dry stream ravine bed 25' deep in till at (EE)

heavy defoliation by both spp of tent Caterpillars (photos)

Maybe Hurricane Floyd Sept. 1997, blowdown area, mostly ASH on NW wind

Bradstreet Hollow

Stream

Bradstreet
Hollan Rd.

357-4

Ground Cover

357-5

Galium circaezans (H) + *triflorum* both; *Circaezans* common at (EE)

Boreal ground cover enters at (J) in 2nd growth -
 OX, MCITB, AA, STREET ROS, LVCO OBS + ANNET

CB & TU at (K)
 UVUL + STREET at (L)

See Bog #376 detail for other wetlands at (M) + (W) + (S)

Boreal at (S) LL, AA, VV, CX *stipata*?

Seep veg at (Y)

Ranunc. recurvatus at (JJ)

Coptis (V)

Solid-caena (FF)

Mileage:

Filmann	0.0
(28) + Bradstreet	11.3
Parking area	14.0
(28) Bradstreet	16.6
Filmann	28.0

Abrupt transition of hardwood to conifer:

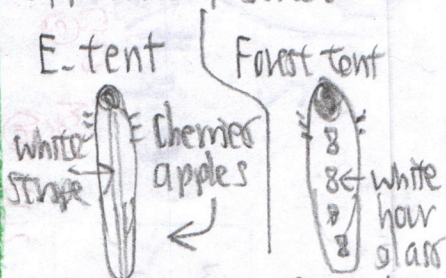
At (U), SPR, FIR, NEM & SOB suddenly appear, above only a low 10-ft ledge, without any scattered downslope individuals. These spp are dominant at (V) (W) + (WW), but drop out completely or suddenly by (X) as they appeared at (U)

SUG is abundant everywhere EXCEPT at (U) (W) (WW) and at (S) + (T). There is some even at (V) and dominant at (X). None between (WW) & (X) where there is a narrow band of B-BC forest below the conifers & above the SUG. SUGs to 24" at (M), but prob 20.

At (S) B, BC & YB dom and at (T) MO, YB, RM, B

Defoliation:

At (M) Paul Trotter looked at both tent caterpillar spp. side by side:



Both are prolific in the Cr in 2004 + green fall cankerworm.

Defoliation photos at (EE), mostly forest tent & cankerworm on SUG.

Defoliation below Col (M) only on OX clove side

First Growth: Ground cover at (J) (K) (L) (M) suggests 1° or warmer, Ash & oak above suggests NOT 1°.

New entry point ##

Ascents betw. (S) + (T) at ±3000'

Descents: above (Z) at ±2800'