

MONGAUP MTN. 8/19/99 with Christopher Olney, Justin Perry, & Bonnie. 280-27

Location	P	Δp	Δe	e calc	e map	time	R
(A) Mongaup Pond Trail Head	29.74	0.00	—	—	2140	10:10 AM	$\frac{2989 - 2140'}{2974 - 28.82}$ $= \frac{849'}{0.92''}$ $= 0.923$
(B) 1 ^o begins e-p #130	29.58	0.16	148	2288			
(C) 1985 BC photo	29.56	0.18	166	2306			
(D) BOG #331	29.44	0.30	277	2417	2390	10:45	
(E) W blandan base	29.30	0.44	406	2546✓	} 118 ft thick		
(F) W blandan top	29.14	0.60	554	2694✓			
(G) E blandan	29.10	0.64	591	2731✓			
(H) ASH several to 10 th	29.00	0.74	683	2823			
(I) Summit 2989	28.82	0.92	849	2989	2989	11:18	
(J) ledge	28.84	0.90	831	2971			
(K) Alumina clay Swale	28.96	0.78	720	2860			
(L) Col: lunch, F end	29.06	0.68	628	2768	2800	NOON to 12:18	
(M) W end of col	29.02	0.72	665	2805			
(N) Summit 2863	28.97	0.77	717	2857	2863		
(O) Bog #332 in col	29.02	0.72	665	2805	2820	12:51	
(P) Garbage ledge	28.96	0.78	720	2860			
(Q) Up 10 th ledge	28.95	0.79	729	2869			
(R) Opening	28.85	0.89	821	2961		1:30	
(S) end hike	28.78	0.96	886	3026			
(O) Bog #332 col	28.99	0.75	692	2832	2820		
(N) Summit 2863	28.94	0.80	738	2878	2863	2:15	
(L) Lunch col	29.00	0.74	683	2823	2800	2:28	
(I) Summit 2989	28.78	0.96 0.92	886 849	3026 2989	2989	2:46	
(G) E blandan	29.10	0.60	554	2694✓			
(F) } W blandan	29.16	0.54	498	2638✓			
(E) } W blandan	29.30	0.40	369	2509✓			
(D) Bog #331	29.44	0.26	240	2380	2390	3:23 to 3:58	
(BB) Black birch	29.54	0.16	148	2288			
(A) Mongaup Pond	29.70	0.00	—	—	2140	4:27 PM	

Median calc. elevations

LOC.	UP	DOWN	MEDIAN
(E)	2546	2509	2528
(F)	2694	2638	2666
(G)	2731	2694	2713

errors = 37'

readings not taken at exact same pts? $\frac{56'}{37'} = 1.51$

mean error = 43'

$$\frac{2989 - 2140'}{2970 - 28.78} = \frac{849'}{0.92} = 0.923$$

(B) Enter 1° at 2288':
Hem to 30"
RM to 24"
SUB to 24"
YB to 24"
ep #130

(C) 1985 on the trail is 33.7"
2306' DBH in 1999. Level spot.

(D) Bog #331. For detail, see
Peat Sample data sheets.
2390'. Justin Perry
photos #10104 → 10108.

(E) Blowdown from (E) to (F) is
138 ft thick vertically,
2528' to 2666'. It
contains two ridges
to the east, above Sand
Pond, as observed on
8/24/99. The date of
occurrence is probably
1998. West wind
pushed trees to east.

[Continued over]

Justin Perry took 4
photos, #10100 → 10102.
1 ASH. Photo #10103
of Spodosol in 33" cake.

(G) Upper blowdown 2731'
was by an east wind,
suggesting a tornado?
Justin Perry Photo #10102
is of a 36" deep cake.

(H) Several ASH, scattered
to 10", but still 1°.
Suggests a minor
disturbance maybe 50y
ago?

(I) Summit 2989 Flora
BC dom 20" to 22"
B, MO, 1 YB
one 12" ASH
OX, \$ Camryl., PCILI

Justin Perry
found two BBs, one 1" & the
other 3", midway between trail
& Bog #331. One more 7" BB on
E side of trail to S³³ - all on
well-drained.

Ranbarzalez also
noted them in Oct 2011.

(J) Descend 10' ledge ^{at} 2971'
MM-DP-AA-RS open.

(K) Swamp at 2860'.
Osmunda clayt. dominates,
Cx follic?
BC to 20", YB to 26" surrounding.
Monotropa.

(L) Lunch in col, N edge, 2800':
BC to 25" B dead 18"
YB to 24"±
\$ Camryl. affected by
draught in "bony" col.
Two SUG

280-29
(M) West end of col, 2805'.
One 10" ASH.
VA here - few seen all day.

(N) Hill 2863': YB 30 1/2"
BC to 24" MO
B to 18"
SUG 3"
\$ Camryl, OX

(O) Bog #332 in col. See
Peat Sample Data sheets
for detail.

(P) 2860. Garbage collected
except bottle with nesting
yellow & black beetles.

(Q) Up 10' ledge with two
24" YB. Others all smaller
RM dom.
Ledges with narrow crests
project eastward down to the
col. YBs 22 & 23", 29"
About 8 SUGS, scattered,
on deeper soils.
B 21"

(R) Open ledge 2961
BC nearly dead 30"
J SORB
(over)

E horizon over BS

(S) Wet terrace ^{2996'} ~~3026'~~.
End hike on 8/19/99
except for Justin Perry who
climbed the 60' ledge & Mike
climbed to 3177' summit on
8/23/99 & covered Bog #332.

On terrace: SUG to 22"
R LAC abun on steep slope above.
EUP, PCIL, CAP, MILIUM;
abun. Browsed SUG seedlings and
AFF! Justin reported above
the ledge BC to 20", max
18" B.

The following obs were made on 8/23/99:

(T) Upper terrace, gentle-
sloping, above the
high ledge. 3092'
CB, MILIUM, PCIL
SUG to 18" } but most
BC to 18" } trees
smaller

(U) Dense beech begins
at 3169', only 8 feet
below summit. To 18"

(V) Summit Mongaup Mtn.
3177' \$, OX.
B dom. The two largest *
Two 6" SUG. ^{at 20"} x45'
NO RB & NO MO

(V) In the fall of 1996,
Mongaup Mtn was
climbed with Paul Trotter

(E) to (F) Blowdown, continued
Obs. on 8/23/99:

Branches on downed trees have:

- RM buds
- BC sprouts 1999 only
- SUG lvs expanded to 1",
but could have been after the
blowdown rather than during.
- SUG fruit stalks.

Estimated time of event
is late winter 1999.

(BB) 2288'. 7" BB off
trail 30' to E. 280-30

Suggestions by
Chris Olney & Justin Perry:

Posthole digger instead
of tile spade for deeper
bogs.

Apple corer for lateral
samples from hole's side.

From Shin Creek Rd. on
the NW. At that time,
the pronouncement was 2°
because of an old road
on the W shoulder.

But the east slope
is all 1° and the summit
looks no different.

The 1°-2° line should
cross the summit & is
drawn that way on the
published The Catskill Forest
map. growth rate recorded

* One 20" beech broke off 10'
above ground. The log was 16"
DBH and had 15 to 20 rings / radial
inch. With an 8 inch radius & 17.5
mean rings / inch = 140 years.