

Shokan Kanape Brook - High Point - Arctostaphylos Point

5/8/187

Frost of Fleischmanns.

111-9

Site	Map Elev	p	Δp	Δe	e	time
A Kanape Trail Base	1090'	30.78	0.00	0	1096	9:16
B		30.65	.13	128	1218	
C		30.60	.18	158	1248	
D		30.56	.22	193	1283	
E Triantanes	1280'	30.55	.23	202	1292	
F		30.50	.28	246	1336	
G		30.48	.30	264	1354	
H		30.30	.48	422	1512	
I		30.28	.50	440	1530	9:58
J		30.20	.58	510	1600	
K Cross Kanape Brk. 1600'		30.20	.58	510	1600	10:10
L		30.18	.02	19	1619	
M		29.96	.24	229	1829	
N		29.78	.42	400	2000	
O Col to Mombacus	2060'	29.72	.48	460	2060	
P Shokan Hi Pt.	3080'	28.56	1.11	1020	3080	11:26 1:06
Q COL	2900'	29.02	↓	↑		
R Arctostaphylos	2800'	28.90	↓	↑		12:10 → 12:40
S		29.10	0.57	524	2584	
T		29.41	0.26	239	2299	
U Col to Momb.	2060'	29.67	0.48	460	2060	1:34
V		29.72	0.43	410	2010	
W		29.80	0.35	334	1934	
X		29.90	0.25	238	1838	
Y		30.10	0.05	48	1648	
Z			0	0		
AA Cross Kanape Brk. 1600'		30.15	0.53	510	1600	2:03
AB		30.21	0.47	452	1542	
AC		30.36	0.32	308	1398	
AD		30.47	0.21	202	1292	2:35
AE		30.50	0.18	173	1263	
AF		30.60	0.08	77	1167	
AG Kanape Trail Base	1090'	30.68	0	0	1090	2:35

Rates

$$1600' - 1090' = 510'$$

$$30.78 - 30.20 = 0.58$$

$$\text{rate} = \frac{510}{580} = \underline{0.879}$$

$$2060 - 1600' = 460'$$

$$30.20 - 29.72 = 48''$$

$$\text{rate} = 460/480 = \underline{0.953}$$

$$3080' - 2060' = 1020'$$

$$29.67'' - 28.56 = 1.11''$$

$$\text{rate} = 1020/1110 = \underline{0.919}$$

$$2060' - 1600' = 460'$$

$$30.15 - 29.67'' = 0.48$$

$$\text{rate} = \underline{0.953}$$

$$1600' - 1090' = 510'$$

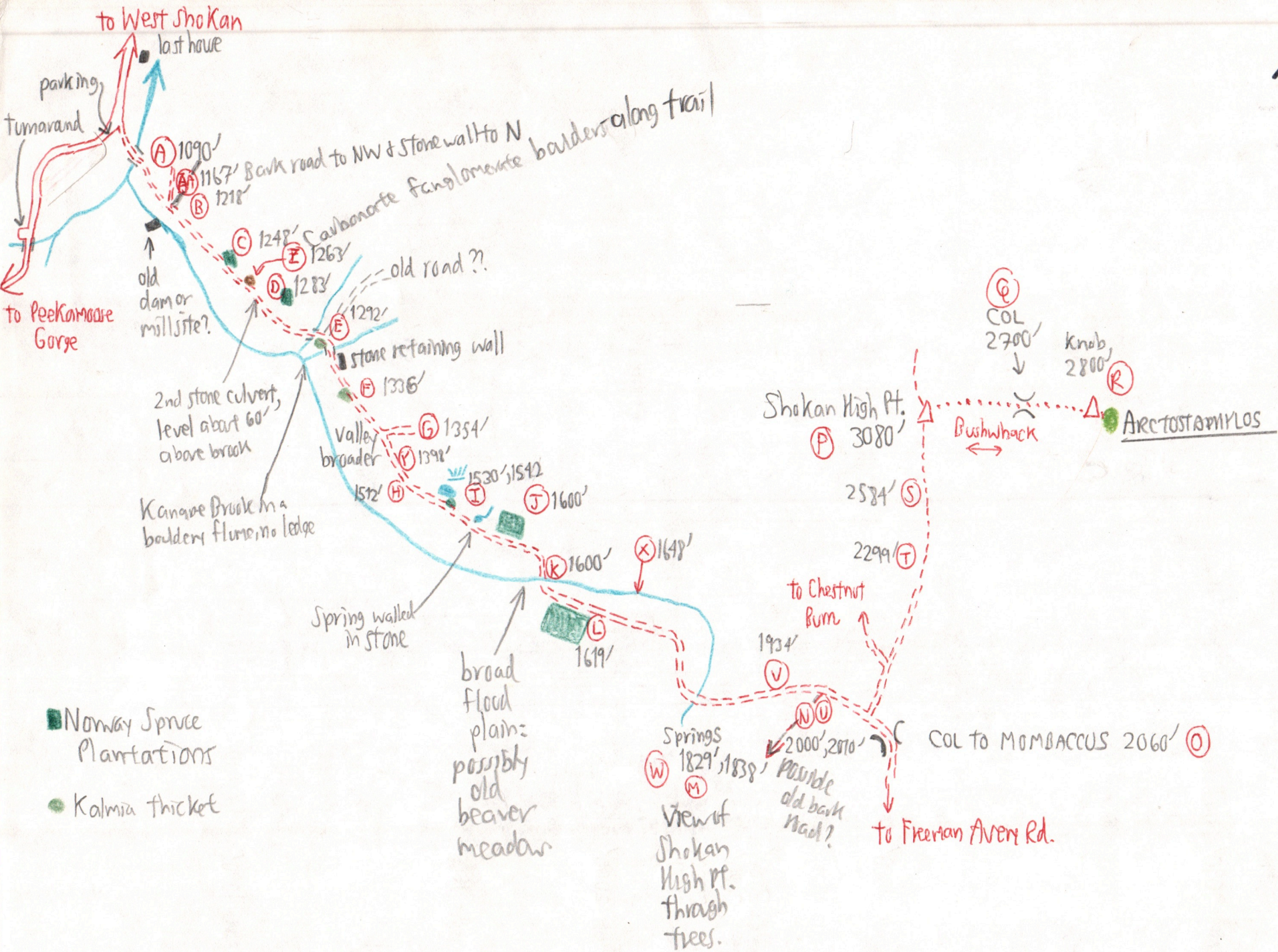
$$30.68 - 30.15 = 0.53''$$

$$\text{rate} = \frac{510}{530} = \underline{0.962}$$

Photos

Summit forest of
Shokan High Pt.
#492

11-10



Trees

PB 1090', ±1570', 1600'
 1336', 1648' (X)

BB 1 1090', 1829', 2000'
 1336', 2060', 1934'

ASH 1090', 1829', 1934' (V)

OAK 2 1090', ±1570', to
 Summit 3080'

CARP 1248' (C)

WILPINE 1572' (V), 1600' (L),
 2010' (L)

SUB 1090' (C)

NORWAY SPRUCE 1248' (C), 1283' (D), 1600' (T)
 and 1600' → 1619' (L),
 1536' (E), 1600' (J)

HEM 1090', 1600', 2070'

AMEL 1090' *, 1570' ± **
 in fl (K)

YB 1090', ±1570', 1600'

RM 1090', dom at ±1570',
 1600'

B 1090' in 2/3 leaf, 1570' ±

MO 1829'

TASP 1600' (K)

BASS 1090', sail leaf on
 ground 1648' (X) but no
 tree seen.

OJT 1090'

CHESTNUT OAK - (D) only
 with gypsy moth pupae.
CHESTNUT = dead logs >1619'

Shrubs

KALMIA LAT. 5 1336' (F)
 1292' (E)

2060' (D)
 2000' (N) } are grave

HAMAM 1090', ±1570'

VACC. 1600' (J), 2000' (N)

MM 1090'

KALMIA ANG. 2060' (D)

ILEX MONT 2299' (T)

AMEL at 2299' (T)
 Copper & pubescent lvs.

Herbs

Leucobryum 1248'

Lycos comp. 1536' (I)

Lycos obs. " "

MC 1536' (T), >1619'

VR0T " , >1829'

Nil ground cover at (B) 1218'
 none above (M) 1829'

(A) div. 1283' (E), >1829'

DP " "

VPAP " "

{ Mitch } 1619' (L)
 PA
 VR0T

TB >1619'

LL >1619'

Sedge (X) on trail 2000'

Viola at 1934' (V) - white, stemless, glabrous,
 no beards on petals =
 V-pallens?

* Amel green & pubescent.

** Amel copper-leaf color but only strips & petioles
 pubescent.

At Springs 1829' (M) = B nearby in leaf.

LA PIDENT, VPAP, YB, A DIV, VR0T, VPUB

11-12 Soils

Fanslomerate carbonate (?) boulders ^{in road} at 1263' (Z), Chips collected.

Till 10' in a cut bank along road between 1283' (D) + 1292' (E). No bedrock visible from (A) to (O) !!

Brook cut 7' in till at (C) 1619'

Ochre of 24" cake above (M) 1829'

Spring (?) hole dug NW of High Point Summit, about 4 ft. deep, and no ledge!

Trail eroded 2' in till, no ledge, at 2584' (S)

Till > 10' deep in ravine at between (W) + (X) 1641' to 1836'

Photos:

From Summit to Arctostaphylos knob

From Arctostaphylos knob back to High Pt.

486 From A. Knob Ashokan Reservoir + hawks (vultures?)

488-490 Of Arctostaphylos

491 of Mombaccus to High Point, NJ.

493 Amelanchier at 2299' (T)

Scattered white pines below S of cbl between High Point + A-Knob

Forest History

Norway Spruce Plantations--

At (C) 1248' = maybe 2 dozen trees, 4" to 14" DBH D.B.H. with some possible naturalization.

At (J) 1600', variably-sized 4" to 12" DBH

At (K) 1600 to 1619' to (L) = Plantation in lines, trees to 12" DBH, cones on ground.

Forest quite disturbed from (A) to (B) with ASH, OAK, PB, possibly even cleared (?)

Older trees [JUG, OAK, HEM, to 24"] from (X) 1648' to 2000' (W), but not 1st growth.

Summit High Point: Oak buds swelling
VACC m 1/2 leaf

2700' COL (C) = ^{SUC?} VPAP, VINCOB, OAK-ASH-B-PB-MO
BC
↑
heavily browsed

Amillana on dead oak.

Veg. atop Arctostaphylos Knob:

Arctostaphylos is below summit of knob, maybe 20 ft + to the SE. Present also is Gaylussacia, Klat, Vang or Vvacc Kamam, MC, PB, Polyphy, MC, OAK to 15', Gaultheria,
Cx? inter. Loon heard. Potentilla tri.