

Lexington (Packsaddle) Pine Island Mts. 372-1 with Jack Sencabaugh, 5/13/87

Site	Map Elev	p	Δp	Δe	e	Time		
West Kill (creek)	1460	(A)	30.68	0	0	1460'	8:35 AM Rate #1 10:25 10:55 11:12-11:30 lunch Rate #2 11:57 Rate #3 12:42 1:05 1:27	
		(B)	30.43	.25	232	1692'		
		(C)	30.12	.56	519	1979'		
		(D)	30.00	.68	630	2090'		
		(E)	29.88	.80	742	2202'		
		(F)	29.80	.88	816	2276'		
		(G)	29.71	0.97	899	2359'		
		(H)	29.55	1.13	1048	2508'		
		(I)	29.50	1.18	1094	2554'		
		(J)	29.40	1.28	1187	2647'		
		(K)	29.18	1.50	1391	2851'		
		(L)	29.06	1.62	1502	2962'		
	on crest		(M)	28.95	1.73	1604		3064'
	Lexington Summit	3100	(N)	28.91	1.77	1640		3100'
		(O)	28.92	.54	491	3091'		
		(P)	29.02	.44	400	3000'		
		(Q)	29.09	.37	337	2937'		
		(R)	29.17	.29	264	2864'		
		(S)	29.27	.19	173	2793'		
		(T)	29.29	.17	155	2755'		
		(U)	29.35	0.11	100	2700'		
Col (Moore's Notch)	2600	(V)	29.46	0	0	2600'		
		(W)	29.35	0.11	102	2702'		
		(X)	29.29	.17	158	2758'		
		(Y)	29.16	.30	279	2779'		
		(Z)	29.10	.36	335	2835'		
		(AA)	29.02	.44	410	3010'		
		(BB)	29.00	.46	428	3028'		
		(CC)	28.96	.50	466	3066'		
Blaze		(DD)	28.94	.52	484	3084'		
Subsummit 3080'	3080	(EE)	28.96	.50	466	3066'		
3060 saddle	3060	(FF)	28.88	.58	540	3140'		
Pine Island Mt.	3140					3140'		
Col (Moore's Notch)	2600	(V)	29.42			2600'		
		(ZZ)	29.06					

0.927

e-p 147

e-p 148

0.910

0.931

Site	Map Elev.	p	Δp	Δe	e	Time	
0.966		(GG)	29.45	1.07	932	571'	
		(HH)	29.60	0.86	794	426'	
		(II)	29.77	0.69	637	262'	
		(JJ)	29.86	0.60	554	185'	
		(KK)	29.88	0.58	535	156'	
		(LL)	29.94	0.52	480	89'	
		(MM)	30.00	0.46	425	040'	
		(NN)	30.08	0.38	351	162'	
		(OO)	30.25	0.21	194	798'	
		(PP)	30.28	0.18	166	769'	
	(QQ)	30.30	0.16	148	750'		
Spruceton Rd.	1640	(RR)	30.46	0	0	1640'	±3:15
West Kill	1460	(A)	30.60	0	0	1460'	4:02 ^{PM}

Rate #1: $3100' - 1460' = 1640'$
 $30.68'' - 28.91'' = 1.77''$
 $1640/1770 = 0.927$

Rate #2: $3100' - 2600' = 500'$
 $29.46'' - 28.91'' = 0.55''$
 $500/550 = 0.910$

Rate #3: $3140' - 2600' = 540'$
 $29.46'' - 28.88'' = 0.58''$
 $540/580 = 0.931$

Rate #4: $2600' - 1640' = 960'$
 $30.46'' - 29.42'' = 1.04''$
 $960/1040 = 0.923$

Soils

Between (R+C), 1692 & 1979', the latter lies directly on the till with nil humus. Dom here are both aspens, PB, white pine, & oak. Slope 15° with apparent severe sheetwash. Roots visible on surface. Pastured here through perhaps 1940s? Grand cover very sparse.

- Cake 18" on crest at (L); no ledge
- Cake 24" on skid road 2955' (T) no ledge
- Cake 18" on 3080' subsummit
- Cake 12" on 3140' summit
- Schoolhouse Brook in ravine 35' deep in till, no ledge, at 2120' (LL)

Lots 55	2000 acres
56	burned on
57	3080'
71	subsummit
72	SE of 2600'
	Moore's COL.
burned Nov. 6-9, 1891.	

the west 1/3 of Lot 72 → acquired in 1963 etc!!

Forest

372-3

old growth {
 (N) Sug to 36"
 ↓ OAK to 24", 36"
 (L) SUB dom to 33" * 50'
 (M) on crest: BC to 24", SUB to 36" x 60'
 dead BC with spiral wood } buds just opening

CNC leaves at early before trees to catch Spring sun, almost a vernal like ERY & CLAY

Lexington Summit (N) 3100'
 SUB dom to 60', some with spiral wood.
 BC-YB-B
 Some grand cover as (L) & (M), but 2" growth.
 High-graded. Stumps, mostly on private land, but some on SNY!!

Lexington E slope: Logged ca-1970 year?
 Stumps throughout; skid road possible at (P)
 3000', definite at 2755' (T). Logged open flat (R) 2867.
 Road through the 2600' col & (V) skid road

Up to 3080' subsummit (DD). Col is dom. by SUB¹⁹⁷⁰ a flat, broad notch. This logging is older; an (M) growing on the skid road is about 15 to 20 yrs old. Logging probably done for veneer according to Jack.

3080' Subsummit: 3 PIN alive, 7" x 45', mature, and probably 25 to 30 yrs old, indicating a logging about 1950. Some stumps are on State Land,

3140' Pine Island Summit: BC dom to 15" x 50', also SUB, B & a few YB. Stumps date back to ca-1950
 windthrow could have followed logging
 Head of Schoolhouse Brook: SUB to 100' or (HH)

A=Ascent
D=Descent

Lexington + Pine Island Mts. 372-4

Vegetation Minima + Maxima

Trees:

- White Pine to ±1900' (BC), 2175' (KK)
- PB to ±1900' A'
- TASP to ±1900' A
- BITGOTUM to ±1900' A
- CARP to 1806' (PP) thicket
- BASS to 2508' A; to 2434' D
- ASH to 2962' (L); to 2937' (Q) + 2935' (Z)
- OST to 2508' (H); to 2779' (V), 2713' (S), 2779'
- ELM to 1692' (B) dead 2277' (IT)
- SUG to 3140'
- B to 3140'
- RM to 2175' D' (present below)
- YB to 3140'
- BC to 3140'
- OAK to 2962' (L), common to 2508' (H); to 2175' (KK)
- AMEL to 2194' (JT) OAK continued to 2700' (U), to 2758' (X), at 1692' (B)
- HEM 1991' (NN)
- SYCAMORE (A) 1460' around Hamlet
- E. RED CEDAR 1788' (CC)
- PIN at 3080' (D)
- MO 2508' (W) to

Shrubs:

- VIB ACER at 2508' (H) under OAK +
- CORN ALT ca. 2530' (H, H, T)
- R CYNOS " " "
- BEARBERTS THUN >1460' A
- CHC to 3140'
- HAMAM to 1692' A, to 2194' D
- R TRISTE 2937' at (P)
- VA 3140'; infl at 3080' (D), 2647' (J)

Ground Cover:

- RS to 2962' + (L)
- OX to 3140' from 2962' (L)
- MC
- TE (PP) to 3140' + > 1692' (P)
- CLAY to 3140', infl. at 2962' (L), (R) 2864'
- ERY to 3140', 2962' (L), 2864' (R)
- \$ mont to 3060' saddle + 3140' (FF)
- AN 2508' (H)
- AA 2508' (H), 2831' (K)
- TB 2647' (J)
- TU 2647' (J)
- CX PENN? (fl oliviferous) 1979' (C) abun.
- DMARG >1692' (B), 2759' (G)
- DENT (G) 2759' infl., 2864' = (R)
- TIAR (G) " infl.; (H) 2508', (R) 2864'
- VC (G) " (H) (R) = 2864' (V)
- HYDRO (G) " (H) (R) = 2359' + (V) 2600'
- AFF (G) " 2508'
- GAL TRI (H) 2508'
- GAL CIRC? (H) 2508'
- ARTS (H) 2508', >1460' (A), 2864' (R)
- ASARUM (H) 2508'
- PCILI (J) 2647'
- MITELLA (HH) 2434'

- EQUISETUM + ONOCLEA in wet spot around (W)
- MEDEOLA 2851' (K)
- POLYGONATUM 2851' (K)
- HERB ROBIT. 2851' " , 2600' (V)
- ANEMONE 3064' (M)
- ATHLYP 2434' (HH)
- ACTAEA 2434' (HH)
- CX PLANT 2572' (G)
- SCAES 2554' (V)
- \$ int 2962' (L), 3140' (FF)
- RANUNC ABORT 2702' (W)
- DICENTRA 2864' (R) (both spp)
- CAULO 2864' (R)
- ALLIUM abun at 2864' (R) in col 2600'
- VPAO, HYDRO, PREN, OSMO 2864' (R)
- PA, ADIV 2773' (S)
- VROT 2700' (U)
- LAP 2600' (V)