

# Southwest Spur of Panther Mt 174-29

with Tom Clark, 7/9/12 See pp. 172-6 and 174-25 to 28

Site, ascent	p	Δp	Δe	e calc	time	e map	R
(A) Cascade Brook, Rte 47	29.58	0.00	<span style="border: 1px solid purple; border-radius: 50%; padding: 2px;">0.913</span>		9:45 AM	1880'	R <sub>1</sub>
(B) Stump	29.50	0.08	73	1953			(+) to (3) R <sub>1</sub> ascent = $\frac{3140' - 1880'}{29.58' - 28.20''} = \frac{1260'}{1.38''} = 913$
(C) Landslip, old (T)	29.46	0.12	110	1990			
(D) Last hemlocks	29.22	0.36	329	2209			
(E) Seep & rill	29.10	0.48	438	2318			
(F) head of seep	29.06	0.52	475	2355			
(G) Charcoal & fire damage	29.04	0.54	493	2373			
(H) 31" ASH	28.89	0.69	630	2510			
(I) giant boulders <sup>begin</sup>	28.87	0.71	648	2528	11:10	<span style="border: 1px solid purple; border-radius: 50%; padding: 2px;">e-p #621</span>	
(J) enormous boulder	28.82	0.76	694	2574			
(K) Top 1st ledge	28.64	0.94	858	2738	11:26 AM		
(L) base of summit/ledge	28.54	1.04	950	2830			
(M) 2900' summit	28.51	1.07	977	2857	11:45 to 12:10 PM	2900'	1st lunch
(N) narrow crest	28.61	0.97	886	2766			
(O) Col	28.67	0.91	831	2711	12:49	2730'	<span style="border: 1px solid purple; border-radius: 50%; padding: 2px;">0.913</span>
(P) Scampyloptera	28.55	1.03	940	2820	1:10		
(Q) VA, 1st	28.54	1.04	950	2830			
(R) SUB-LAP slope, bare	28.44	1.14	1041	2921			
(S) Top ledge	28.34	1.24	1132	3012	1:34		
(T) highest ASH	28.30	1.28	1169	3049			
(U) VA dam	28.28	1.30	1188	3069			
(V) 25' BC Scrub; 1st PIN	28.20	1.38	1260	3140			
(W) LOOKOUT	28.20	1.38	1260	3140	2:10 to 2:35	3140'	2nd lunch
(KK) Big Indian, Rafter <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">28 &amp; 47</span>	30.27	-0.69	-630	1250		1210'	

Site, descent	P	$\Delta p$	$\Delta e R_2$	e calc	e map	time	$R_2$
(W) Lookout	28-20	1.32	1261 <u>0.955</u>	3141	3140'	2:10 to 2:35	2nd lunch
(X) SUB dam, few ASN	28-28	1-24	1184	3064			
(Y) Top steep LAP steep	28-39	1-13	1079	2959			
(Z) Cong. boulders	28-50	1-02	974	2854			
(AA) gently sloping SUB-LAP	28-73	0.79	754	2634			
(BB) 33' SUBs; brook	28-88	0.64	611	2491		3:30	
(CC) highest MEMLOCK	28-94	0.58	554	2434			
(DD) BASS WOODS	28-98	0.54	516	2396	e.p.# 622		
(EE) bark road	29-00	0.52	497	2377			
(FF) on road?	29-27	0.25	231	2119		4:07	
(GG) Cross major ravine	29-30	0.22	210	2090			
(HH) Cross bigger ravines	29-26	0.26	248	2128		4:12	
(II) On road	29-40	0.12	115	1995		4:34	
(JJ) old landslide	29-42	0.10	96	1976		4:35	
(A) Cascade Brook, (Ht 43)	29-52	0.00	0	—	1880'	4:47	
(KK) 28+43, Big Indian	30-20	-0.68	649	1231	1210'		

$$\begin{aligned}
 & \frac{3140 - 1880'}{29-52 - 28-20} \\
 & = \frac{1260'}{1.32} \\
 & = 0.955 \\
 & = R_2
 \end{aligned}$$



# Vegetation

e-p #621 could be as low as (J) + as high as (H) but (I) is the best guess.

174-32

(B) 1953' Stumps ca 50y old. Log/bank road on terrace above stream bank, eroded in spots, the old road.

(C) (J) 1990/1976' Old road collapsed into an OLD landslide + re-summer on far side. We depart road at this point + bushwhack north. Stumps ca 50y. HEM to 34", probably too small to bark by Wey.

(D) 2209' Last hemlocks. 28" ASH, 22" BC, SUBs max at 22". Could abundance of ASH + BC followed a charcoal cut (charcoal kiln at the Kaipin on (47))?

(E) 2318' Seep with rill, LAP + CIRCOSPORIUM, GALEOPSIS (!), ONOCLEA, OSMUNDA CLOYD, IMP, VIOLA CUC?, CINNA. Follow rill up a gentle slope to---

(F) 2355'

(G) 2373' Charcoal patch could have been from a campfire. No more seen. No fire evidence in forest. Occasional patches of older ice damage + windthrows.

A few ASH + BC. SUBs uniformly to above 18", but tall-- maybe 90'. Even-aged.

(H) 2510' 31" ASH, the largest of several. Nearly flat. Then 28" SUB + a natural (?) stump without log.

Resume mid-up slope

(I) 1st giant conglomerate boulders suggest ledge above. 20" Beech alive, but not healthy.

(J) Enormous boulder. 2574' Some 24" SUB, with many ASH + BC also 24" PB to 22", the 1st large PB obs. Forest unengaged.

(K) 2738' Top 1st Ledge + boulder source. PB to 24", SUB 25", B to 14" 36" broken SUB.

(L) 2830' 2 boulder stacks broke off summit ledge + slid down.

(M) 2900' Summit. Sub dom to SO + BC, B, few PB, MO. RA + AA wilting atop boulders + bedrock. NO VA or SCAMPYL. yet. 3 ASH on E shoulder.

Ridge broadens + narrows a few times; descending gently to E. 2nd ASH cluster to 28' 1st LL obs.

(N) 2766'. Crest narrow, only about 50' wide. CMC scrub. OX. More ASH, the largest trees here.

(O) 2730' COL. 60' canopy. SUB + MO + SAMB, 2 SUBS 24"

(P) CONTINUED--

SUG + ASH grove at E end of Col, several to 24". Ledge just above with boreal spp. entering.

(P) 1st SCAMPYL + SINT + OX 2820'

(Q) 1st VA, RB, CMC 2830'

(R) SUB-LAP seep slope with CX SCAB, EUP, GAL, SOLID LAT, OSMO, and GALEOPSIS. LAP is deer-browsed. 2921' CX PLANT. SUBs to 30". In drought, this slope is still moist. Ochre, not red, trill.

(S) Top of ledge which caps the SUB-LAP seep slope. 3012'

(T) 3049' 14" ASH, one of the highest in the Cs (?); compare with Giant Ledge lean to site elevation."

(U) VA abun, 3069' MM, CB, SM on ledge. SUBs + PBs to 20"

(V) 3140' Scrub on narrow spur terrace. BC dom to 25' tall. 1st PIN + SOB B PIN lvs collected for fossil companion. SCAMP thick.

(W) 3140' SE Lookout. View from Wittenberg to Slide incl. Giant Ledge, Tsuga top + Schinkelmoose. 1st FIR + a HEM sapling. A few OAK. PIN RM-VA-MC-SORBUS-wilted POLYPOD, VACC ANG DESCHAMPSIA, CB, RA

(X) 3064' SUB dom to 25"  
with a few ASH.

(Y) 2959' Top of a long,  
steep LAP seep with  
a high ledge below.

(Z) 2854' Conglomerate boulders below high ledge. SUBs several 24" to 30". A few ASH & OST. OAK at 24". VA. Steep but no ledges, only boulder piles. SUBs to 26", numerous here but not nearly as large & old on ascent.

(AA) 2634' Gently-sloping quintessential SUB-LAP glade with CAUL & a few ARM. Festuca?

(BB) 2491' Brook with browsed LAP. More 33" SUBs.

(CC) 2424' Highest hemlock RCKNOS. (BAS, few, with more KEM below.

(DD) Probably e-p-#622 2396'. Below, a few large trees, but most are younger & more even-aged.

(EE) 2377' Old (bank?) road going directly up down the slope, but lost in a LAP glade below. A few 36" SUB. KEMs to 30" & 34".

Cross more bank roads or nls, or both?

(FF) 2119' Possibly on a road but ca 100' above Carcade

Brook. If this is a road, it could not continue downstream because of two deep ravines that would have needed crossing.

(GG) 2090' Cross a 15' deep ravine, followed shortly by ---

(HH) 2128' an even deeper 30'± ravine with 2 brooks confluent. Elevation fluctuation because of measurements in top or bottom of ravine. Till narrow hogback on SW side of ravine #2. Then a smaller 3rd ravine with KEM 36".

(II) 1995' Definitely an old road which skirts the tops of the 3 deep ravines above & needs explanation.

(JJ) = (C) Landslip where, on the ascent, we diverged from the old road & bushwhacked due north.