

Big Indian Mtn. Spruce Grove

230-80

Second visit, with Dave Turan to photograph it for Summer 2017 issue of Kaatskill Life. 4/30/17.

See pp. 230-37 to 40 of 5/30/03 with Laurie Moore
 "Species Novum" = *Viola selkirkii*. (see Ⓚ).

site	p	Δp	Δe	e calc	e map	approx. time	rate
(A) 2810	30.22	0.00	$R_1 = 0.963$		1500'	9:00am	$R_1 = \frac{2290 - 1500'}{30.22 - 29.40''} = \frac{790'}{0.82''} = 0.963$
(B) Seager Trailhead	29.67	0.55	530	2030	1970'	10:00	
(C) Shandaken Brook ford	29.40	0.82	790	2290√	2290'		
(D) JNY blaze	29.05	1.17	1127	2627	±2600'		
(E) in PB boulder field	28.93	1.29	1242	2742			
(F) 1st fir, last HEM	28.74	1.48	1425	2925			
(G) less steep	28.57	1.65	1589	3089			
(H) 1st spruce saplings	28.45	1.77	1705	3205		1:45	
(I) Spruce grove	28.39	1.83	1762	3262			
(J) SUB-VV-ALLIUM flat	28.39	1.81	1681	3181			
(K) blaze, BASS	28.50	1.70	1579	3079			
(C) Shandaken Brook	29.10	1.10	1022	2522	±2600'		$R_2 = \frac{2290' - 1500'}{30.20 - 29.35''} = \frac{790'}{0.85''} = 0.929$
(B) Seager trailhead	not recorded				1970'	3:30	
(A) 2810	30.20*	0.00	$R_2 = 0.929$	—	1500'	5:00	

* Did not warm up all day much because of cloud cover & showers, so pressure did not drop.

Weather forecasts in disagreement, with 40% to 50% shower chance around midday. Thunderstorm instead passed to the N about 7:30 to 11am, dumping 1.35" at 2810 but maybe only 0.1 to 0.2" around Flat Iron Brook. 2nd shower at about 1:45 PM (lunch) lasted 5 to 10 minutes. Sun at 4 PM.

$$R_1 = \frac{2290 - 1500'}{30.22 - 29.40''} = \frac{790'}{0.82''} = 0.963$$

$$R_2 = \frac{2290' - 1500'}{30.20 - 29.35''} = \frac{790'}{0.85''} = 0.929$$

Vegetation

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(B) to (C) Sugar maples flowering in profusion.

Norway spruce in a line, maybe 1/2 dozen, up on the hill, E of Drury Hollow confluence. Noticed by Dave.

Drury Hollow - easy fording
Flat Iron - MK needed rubber boots

Cross Dry Brook on bridge, but bushwhack following difficult in rain with boots bag, open umbrella, & 2 hiking poles through Beech sprouts.

Kettle noted (dry) in flat

Shandaken Brook forded without rubber boots. Boot bags hidden at ford.

(C) to (D) Up through hemlock stand but soon into hardwoods. SUG-ALLIUM.

(D) 2627'. ASH, SUGS to 30", RTEISTE, ALLIUM

(E) 2742 about 100' above base of PB-MM boulder field which continued on up to (F) without cease.

Thuridium & Hylocomium both abun.

On this slope & often sharing the same boulder. PBs to 30"
MEMS scattered to 30"

(F) 2925'. 1st FIR, 10". Last MEM.
PBs dom

(G) 3089'. Gentler slope with B-RM-BC dom, PB only scatt. Prob →

ably continuous on W with flat terrace (J) at 3079'

(H) 3205'. 1st STRUCE saplings - a few in a clump FIR scattered. Lunch in a shower.

(I) 3262' to 3181' Spruce grove on WEST side along top of spur, several dozen trees with abun. repro. Only scattered spruce on centerline & east side of spur. To ca 70' x max ± 22" diameter. No giants.

(J) 3079' Flat terrace with SUG, VV, ALLIUM, TRILIC - a little too early for a diverse wildflower display. SUGS not large or old.

(K) 2522'. Area around blaze of botanical interest. CRST FRAG on a boulder (new to Dave) already with fronds nearly fully-expanded. Trillium erectum var. luteum next to usual red-petaled plants.

New Viola spp. (COLL.) blue, stemless, much smaller & too early for V. cucullata. It's V. selkirkii, great-spurred violet

Common throughout in flower:

ERY, CLAYTONIA, both DICENTRAS, TE, POLYGONATUM, VROT, ANEMONE

A few 30" SUGs below blaze at (D) & old stump

MAP

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e-p #212

View to Dry Brook Ridge

Dry Brook Valley in view straight ahead

View to Graham Mtn.

View to Doubletop Mtn.

SUG VV ALLIUM terrace
 (J) 3079

base of talus at ca. 2650'
 "endless" PB-MM boulder field
 1st fir at (F) 2925'
 gentle hardwood slope
 (G) 3089
 steeper
 (H) 3205
 1st spruce, as saplings
 more spruce, mature & scattered
 spruce grove
 (I) 3262 to 3181
 steep pitch

No difficult ledges throughout