

Springs: Dry Brook Ridge - north end

6/8/01

Accompanied by Jake Bender, a Canine.

290-4

	#1319 MONARDA SWALE	#1320 WET FLAT #1 OF 1970 (Just N of Bog #307)	#1321 PIPE SPRING ABOVE GERMAN HOLLOW	#307 Bog (remeasured after May 16)
elev.		3100	2550	3140
temperature	52°F site 1 52°F site 2 52°F [54° air] site 3 48°F	54°F	44°F	56°F [air 63°F]
pH, low scale	site 1 >4.5 site 2 — site 3 >4.5	4.1	—	4.2
pH, high scale	4.6 4.9 4.6	—	4.8	

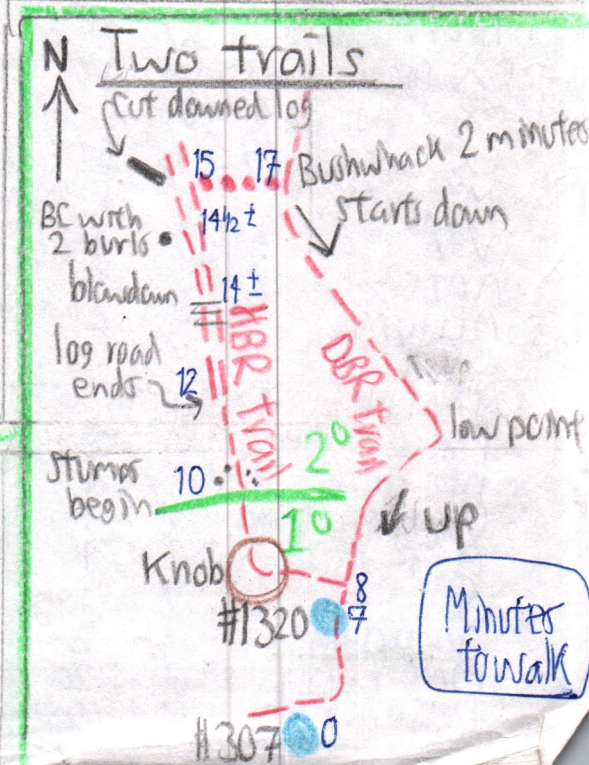
Promptly goes under ground

Timetable:

Chris Lars Rd.	8:45	1:08
Leanto		12:52 ^{out house}
#1321		12:37 } 12:25 }
Trail Jc (Pahatakan)		12:14
Monarda Swale	9:50 to 10:40	12:07
Lv-DBR trail		12:02
Ar-HBR trail		12:00
Upper Trail Jc		11:53
#1320		11:46 → 11:52
#307	11:07	11:39

12:42 Double Bass 16" ± both m E
12:41 Trade Bass at Scum

2 minute bushwhack →



Monarda:
Are leaves opp,
ovate serrate,
& 1 1/2" long!



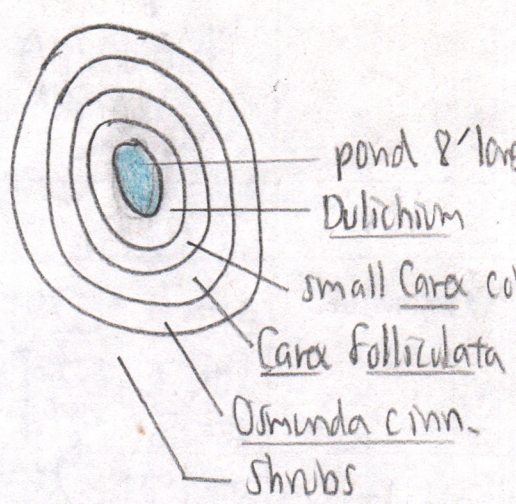
Minutes to walk

Vegetation

See map for 3 sites

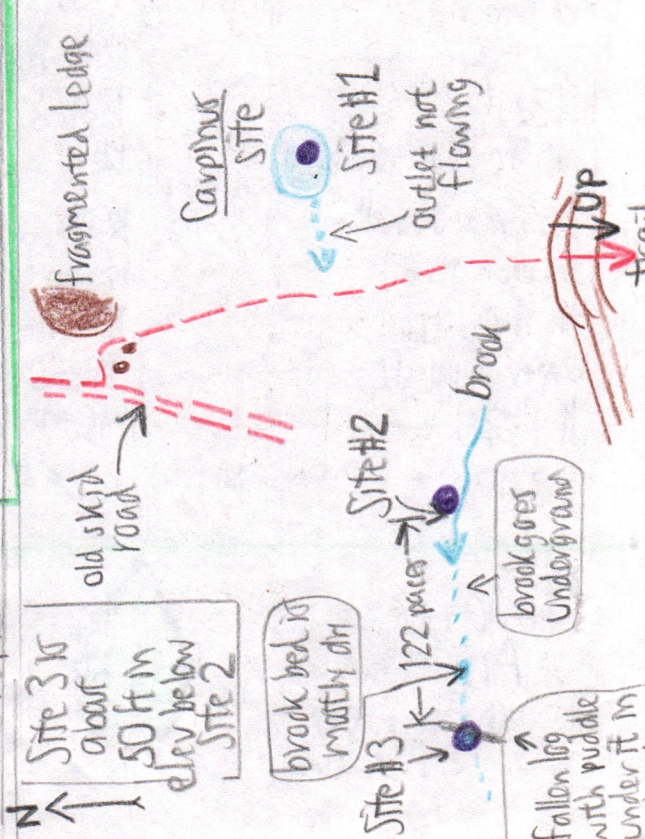
DBR Bog #307 290-45
Zonation

Species	#1319 Monarda Swale	#1320 Wet Flat #1	#1321 Spring 2550'
SUG	DOM ✓ 1 + 2	✓	DOM ✓
YB	✓ 1	✓	✓
B	✓ 1	✓	✓
RM	✓ 1	✓	✓
BC	✓ 1	✓	✓
MO	✓ 1	✓	✓
ASH seedling	✓ 1		
RTRISTE	✓ 1		
RCYNOS	✓ 2		
POA ALSODES?	✓ 1		
MONARDA	✓ 1 + 2	✓	
IMP	✓ 1		
LAP	✓ 1		
TIAR	✓ 1		
HYDRO	✓ 1		
MITELLA	✓ 2		
GALUM TRIFLORUM	✓ 2		
EUP	✓ 2		
DIC	✓ 2		
CHRYSOXYLUM	✓ 2		
OSMO	✓ 2		
CAULO	✓ 2		
HEPATIC	✓ 2		
RHISPIOW	✓ 1		
VPAP	✓ 1		
VC	✓ 1		
AA	✓ 1		
ADIV	✓ 2		
Coll	✓ 1		
Coll	✓ 1		
CX DEBILIS?	✓ 1		
CX SCABRATA?	✓ 1		
CX PLANTAGINEA	✓ 2		
MILIUM	✓ 1		
VV	✓ 1		
ARIS	✓ 1		
ALLIUM	✓ 2		
UVUL	✓ 1		
ATHELYP	✓ 2		
PA	✓ 2		
DP	✓ 1		
OSMUNDA CLAY	✓ 1		
AFF	✓ 1		
ADANTUM	✓ 1		
MATTEUCIA	✓ 2		
BOTRYCHIUM VA.	✓ 2		



Only a few graminoids in fl. on 6/8/01 & few collected.
Bog wetter than on 5/16/01 during the drought - more normal on 6/8/01.
Hole dug with trowel on 6/8 '11" deep, H₂O table at ± 6", water measured here rather than in full sun on bog surface.

MONARDA SWALE



The forest on either side of Site 3, N4 S, is above the hill has far less ground cover than in the luxuriant springs. Partly due to more tree repro.

