

DBR Wet Flat #2  
(northend)

2003

5/13/94

See trailside flora on  
one of pages on south  
end of DBR

RM dom  
YB, BC

VA, Nemo, Kamam along trail, Amel

VCASS

CIMN FERN

ERY

SPHAG

OX FALCIE

JUNCUS

RHISP

CORTIS

Panic t. N of trail

307

Wet flat #2

Could subsamples have been switched? (A) is the top 4"?

(A) 8 to 12" roots, wood, graminoid lvs, stems, a few small quartz pebbles

flat (Carex) <sup>Dulichium</sup> ~~arenace~~ 2.5mm long, red maple leaf fragment (gray color)?

with binder

(C) 0 to 4" : nearly same as (A)

(B) twig, <sup>bark</sup> of YB? or RM? plus same as (A) + (C), abundant undecayed material.

Accumulation of <sup>1993</sup> litter in the pool:

Discontinuous leaves, covering only 20 to 25% of surface area of pool, mainly B, RM, YB + CIMN.

1992 lvs not visible. Much

1993 sedge + rush lvs.

In drier areas on sides of depressions among CIMN mounds, 1993 leaves visible and stacked up only <sup>0.5</sup> 1 to 3 thick, < 1 mm thick when compressed by snow. 1992 may be present, but fragmented beyond recognition (incl. Beech).

Open water is max. ± 6" deep visible.

Next time, with a tile spade, open up a vertical section of a CIMN fern mound to examine for any annual stratification.

Determine growth, decay + compression rates for Sphagnum. Read and/or ask Dick Anders

Much of the peat accum. around the pool is not <sup>hor</sup> arboreal litter, but rather from Sphagnum + graminoids. If arboreal litter is < 1mm year, the Sphagnum + graminoid litter could be much more.

Not done until Spring 2006 in Big Bog

# DRY BROOK RIDGE - NORTH END

307

with Regina Fink  
5/13/94

290-33

**MONARDA SWALE**

SUB dom. MO  
few BC & B  
1 OAK along trail on E  
several ASH along trail  
d to E, but not to W

Rtiste  
Reynos

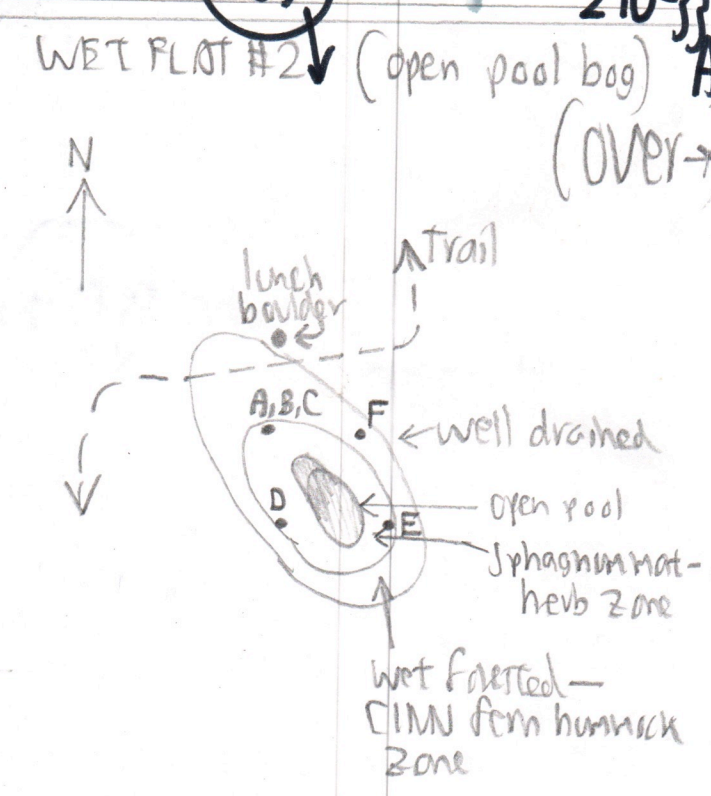
DICENTRA 2 spp.  
Dentaria  
Clayt  
Hydro  
Cauli  
IMP  
CAP  
OSMO  
MITELLA  
SM??, ACTAEA  
ALLIUM  
VV  
ERY  
TE  
PA  
MATTRELLIA?  
SMILACINA  
RHISP

All of these under SUB only, no ASH

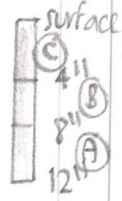
**WET FLAT #1**  
traverses the whole  
ridge crest obliquely  
from NE to SW

RM, BC, VB dom.  
VV, Ery, Clayt, Cx  
Vplanda, TB, MC  
Sphagnum in local  
pockets further SW  
from trail.

Sample (G),  
at 9", the  
deepest found.



Sub Samples A, B, C



Sample (D)  
16" depth, core compressed  
to 5" at bottom of drawer

0 11" (D)

16"

Sample (E)  
Near Nemo. clone  
12" deep, bottom 5" sampled  
(7 to 12" depth)

0 7" (E)

12"

Sample (F)  
on "dear trail" between CIMN fern  
hummocks.

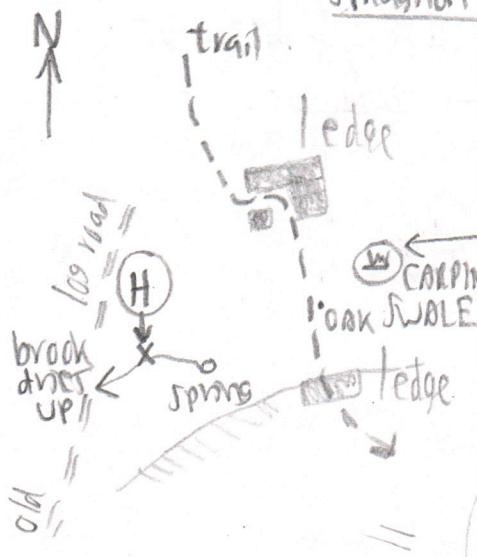
Core

0 7" (F)

13"

(OVER) →

Sample core (H) with hollow  
auger 7" deepest to  
fill or channel. Nil  
Sphagnum



could be cored in  
the future,  
but no  
different from others.