

Bog # ~~393~~ 10/7/07 roughly 1 acre
 in size or
 200' across.
 too shallow to sample

291-34

Flora

Sphagnum → abun.
 several spp.
 some red
 incl. magell abun

Dulichium abun.
Scirpus cyperinus

Rubus hispidus
Calamagrostis DOM.

Spiraea tom
Cx crinita
Cx. rustrata

3 *Glycena canadensis*
grandis
nevada

GAL TRIFOLIUM
LYCOPUS
POLYGONUM SAG
VACC ANG

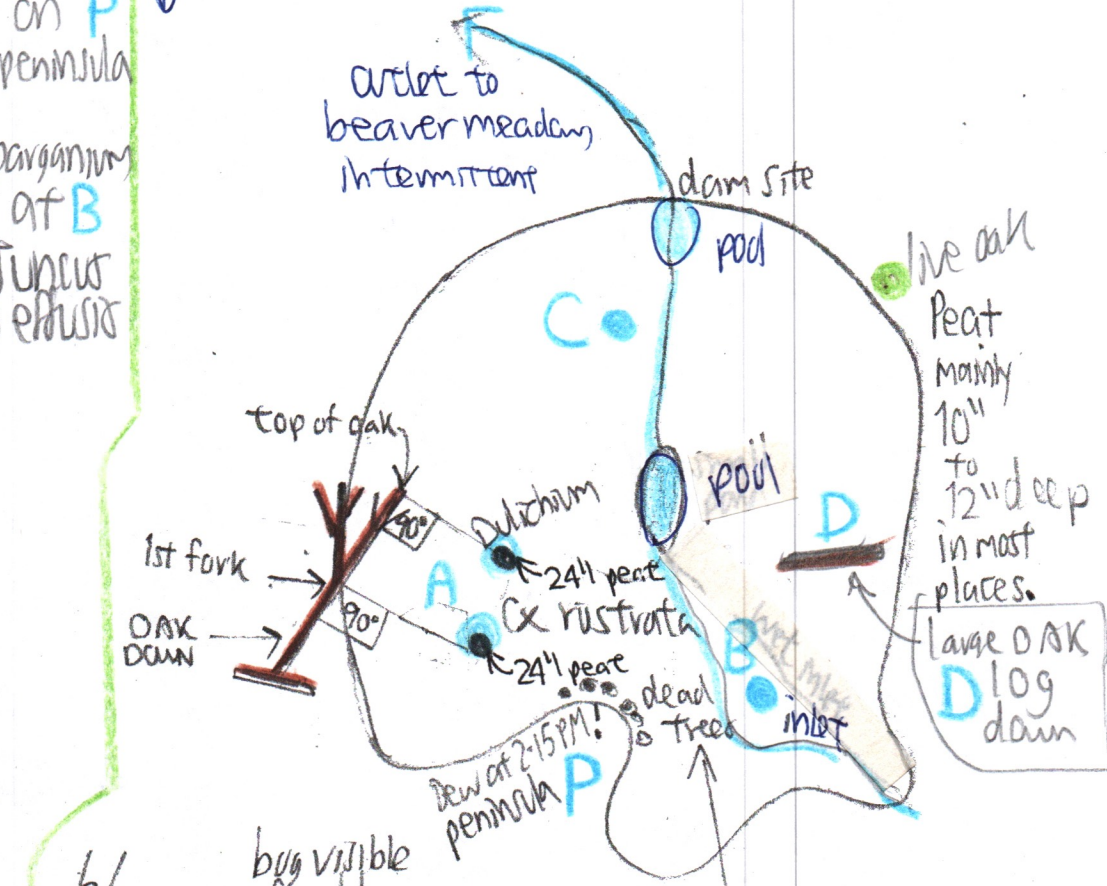
Botrychium dissectum
 near bentiana on lawn

Healthy beech 22" with
 smooth, non-cankered
 bark just above the
 brook-head seep

CIMN
 on P
 peninsula

Sphagnum
 at B
Juncus
effusus

*600 feet in circumference = 0.66 acre



live oak
 Peat
 mainly
 10" to
 12" deep
 in most
 places.
 large OAK
 D log
 down

2 pcs. Wood collected,
 cylindrical, 1cm ± diam,
 for J.D. Kemlock or
 Scott's Pine?
 The 2 larger per are
 from the meadow
 at the blaze SW
 dead trees

*600 feet in circumference measured on
 10/7/07 with Ben Murdock with a 50' d-tape.

$$2\pi r = \text{circumference}$$

$$(2)(3.1416)r = 600 \text{ ft.}$$

$$r = \frac{600 \text{ ft}}{(2)(3.1416)} = \frac{600 \text{ ft}}{6.2832}$$

$$\approx 95.5 \text{ feet.}$$

$$\text{Area} = \pi r^2$$

$$= (3.1416)(95.5)^2$$

$$= 3.1416(9120)$$

$$= 28652 \text{ sq ft.} = \frac{28652}{43560} = 0.66 \text{ acre.}$$

10 | 7/07 findings with Ben Murdock

5/17

A. Two 24" probes with hiking stick on 9/20/07.

One probe on 10/7 went down 36" with Davis eeln. rod.

Davis sampler could pull up mainly water with a tiny peat sample. Tilt spade here was in flooded "scup", no firm peat

G B. Repeatedly silt at between 12" & 16".

Pit dug at B had 0" to 12" peat with live roots

>12" silt with a little gravel.

∴ NOT deep enough for a peat sample.

Therefore, no pH, water temp, D-O. recorded + no Sphagnum

Pit filled ^{with} water in 20 minutes = or 6"/hr.

Collected

C Dan Spada reports mainly NEM dead in adjacent beaver meadow in 1983.

Two per-dead wood collected in Bog on 9/23/07 for wood I.D. and fresh Scots pine collected to match. Pine or hemlock?

One dead PB at C still had some bark on it.

Rotting wood & logs nearly everywhere the tilted Davis sampler went. Few deep indentures to silt.

D Fallen oak ± 70 y old. What is debris?

Vegetation, continued from

page 291-33:

(P) (Q) to (S): BCs to 20", 1 ASH 16"
SUB 18", but one dead 30"
SUB at (S) - dying this year

2630' (S) is about 20' lower than (P)

Begin descent.

2555' (T) ASH + OAK reenter on slope.

E-P #536 . Another OAK 33'

(U) ± 2466' ON terrace between
mod. steep slopes

(V) ± 2426' More ASH + OAK

(W) 2353' Top of Norway Spruce
plantation, both with some
naturalization. The seep
between the plantations was
NOT planted: LAP, EUP,
ADIANTUM. DP + PA in
drier places.

(Y) 2402' In aban. pastures are
MITCH, NYF, ADIV, UVUL, OST,
B SAPLINGS.

(Z) Apple + Scots pine begin on
descent. Meadow visible.

2150' (AA) COPTIS, CINN + RHIZP at NW end
of meadow.

Beaver Meadow

291-35

(Z) to (AA) + south: Long axis N30°E five.

COPTIS in forest at NW edge

CINN

RHIZP

SCOTS repro.

SPIRÆA TOM.

ADENOCAUDON

POLYG SAG

Only a few A PUNCT + A UMB

Only a few SOLIDAGO at

south end: S GRAM + S RUG

This meadow is NOT being invaded by

COMPOSITES nor trees.

HEMLOCK only on SE end.

CX UTRICULATA

CALAMAGROSTIS dom

SCIRPUS CYP.

CX CRIN

JUNCUS

GLYCE RRHA

GRANDIS

ONOCLEA

Photos: ① Look east across meadow with
spruce plantation on ridge

② Look NE the length of the meadow
from the dam