
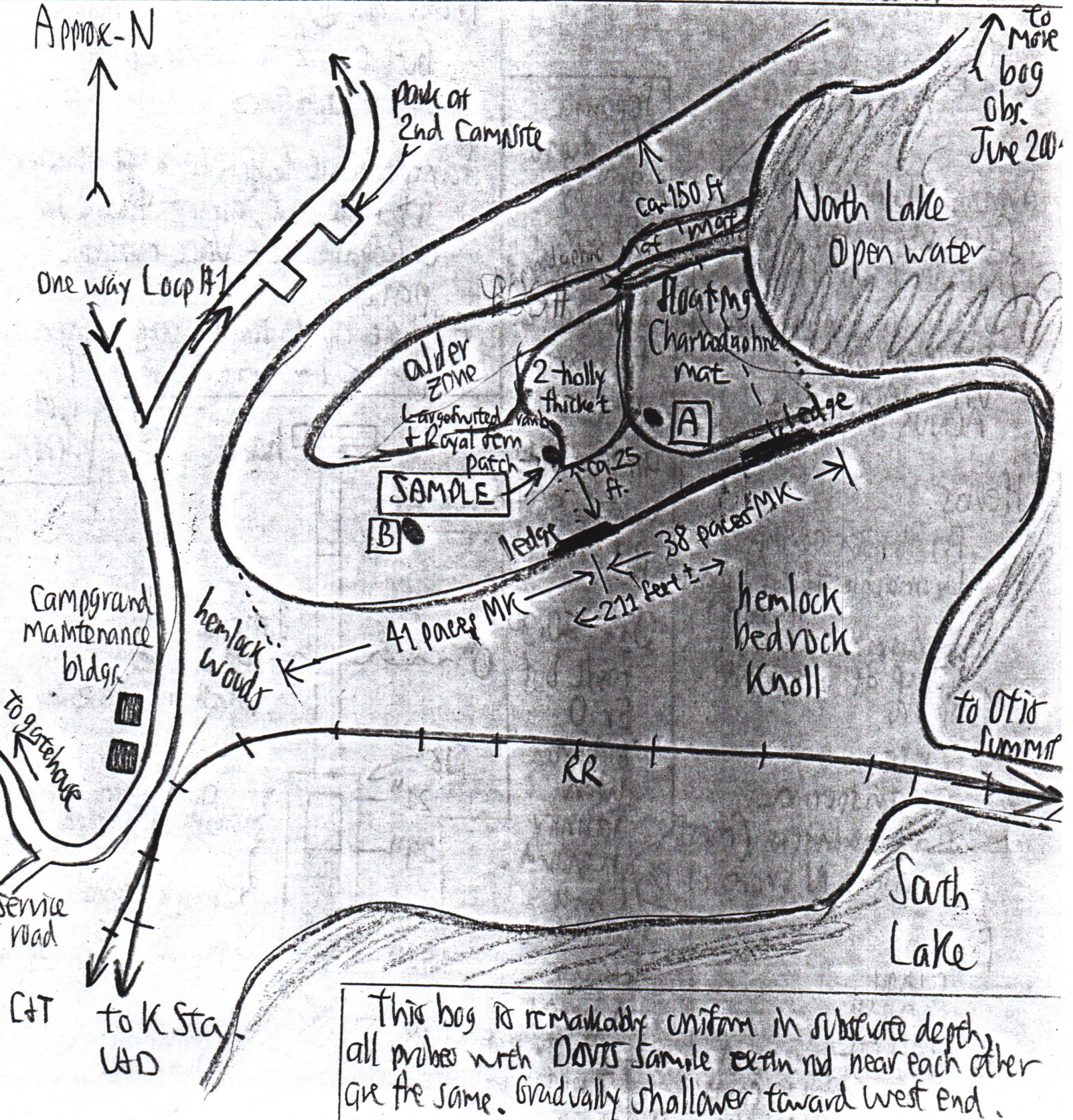


BOG #336 North Lake 10/21/05

Notes: This bog replaces the "old" #336 at N. Lake floating mat, with Rich Pansot & Jack Brevhast of May 2000 (?)

510-0
Mike
file

with Erwin Karl (friend of Dave Turan) and his friend Allison  corner



This bog is remarkably uniform in substrate depth, all probes with DAVIS sample occur not near each other are the same. Gradually shallower toward west end.

Flora

Estimated acreage:
150 X 210 ft = 31500
sq. ft = 0.72 acre

Trees

- PB } at south edge
- GB }
- SPR, RED }
- Ewh pine
- RM
- YB

Open water
Nuphar
Pontedera?

Shrubs - CHAMAEDOPHNE dom.
 { ILEX VERT. mabn. fruit
 { NEMO (NO fruit)
 VIB DENT (in Sphagnum!!)
 SPIRAEA LAT
 VACC MACRO
 ALNUS RUBOSA

Herbs

- Triadenum Common
- Lysimachia terr (1 plant in fruit)
- Rhispodus
- Imp at west end
- MONGUROS
- Iris
- α thasperma
- Calamagrostis (mass along N shore of bay)

Ferns

- CINN
- MARSH
- ROYAL
- ANOCLES at W end
- Bryos = POLY COMM

Separate hole dug to 20" by Erwin alongside the sample hole for water properties.

air temp 70°F
 water 56°F ≈ 11.8°F
 PH 4.6
 O₂ = < 0.39 mg/L but Er O indicated when salinity learned.

Check membrane for air bubbles.
 Meter not functioning normally

Hole at (A) proved to be ⁱⁿ a true floating mat, probed on 5/9?/01 with Philadelphia, PA, College gives 48 inches to fill or bedrock or char. Sample was open water, not peat

Prober at (B) are in solid peat but only 2 to 3 ft deep to mineral substrate.

Sample was taken at a point where substrate was ^{at} almost 4 ft, in a Royal fern - VACC MACRO patch.
 All holes fill to surface with water in < 1 minute. Too murky for root depth

