1 July 1987

I. Harvey Mt., West Stockbridge
w/ Pam W.

We entered via West Center Rd.,
NE corner of mtn.

Regen steep slope W1 x Xer. F, heps., etc.

Sug. maple - W. Birch - Can. vine - Y. Birch

Some Carex (c. 2) & C. ovalis

Carex divulziana
Calopogonjon
Aquilegia can.
Anthractanthem - lots
Asplenium platy.
Crema alt.
Saxifrage vlg.
Pot. fruit - mossy ledge, moist
Sparrowgrass
Fragaria vesca

Anemone vng. buds
Caryx pullulans, digit.

gulium trifl.
epipactis
Dichapetalum flex.
Rhamnus oth.
Pedicularis can - edge of former quarry

Note: a quarry -- in a rocky ravine whose S wall is vertical

Bavaria has:
hepatica anit.
hydrophyllum virg.
Saxifrage flex.
Gram can

very misty floor. Trend N-S
Sanguinaria
Eup. reg.
Caulo.
Ribes cynos.
Assam
P. frumel.
Oligopsis pace
collinsonia
Adiantum

Ftrn, Maple, Striped
Arctala packy.
Bulbllk F1 - poor example on rock face; Fragile
Trillium erect
Tulip
Sax. virg.
Alchem. tri. - P. ferox
Lupitor
Dentaria di
Geranium roberti

Open-faced ledge to W has:
loads dichapet
Vas.. eng., vecil
Halisita
Epigemia
lysim. quad.
W. oak, canteen, BLK.O.
Gay base

View to Maple Hill, Tom Ball

Gaulteria pro.
Sterf
Vib. acut.
Anala arb.
Analia mus.
Polypody
Kalmia lat.
Picea enom."Parryi"
Raschid
Monteplana uni.
Tolampyrum

* Amel. sang. —
4 Erin. plants, w/ several root sprouts. 1 tree 2 FR
1/ W. Oak, B. Cherry, R. Maple, P. Do.
(All small trees), Deschampsia,
Gaytec, Rubra.
Open E facing schist ledge of
45° slope.
Too few to collect
4 more weekly shots 50’ uphill.
Rhodo roseum
Dranthonica spec.

Straight up from there get this 1/striped Maple + W. Birch w/ many
fallen trunks. Then a summit
kinds w/ Kalmia lat., Brecken
lower kind E of the
This is the 1916’ kind and has

Couple very open Deschampsia Lawns
plus park like w/ all over upper
E side. W side is Kalmia
1600 ft. easter.

As are elongate opening w/ deck
+ Vaccinium on the uppermost
W side of Maple Hill

BT Blue Winklers sing w/ pattern of
Prairie

Canada dewey. — Ends in carpets
@ hardwood break w/ ravine W of
1600’ high. Partly like

Pecora abt.
Lucida acumin.

Moving up towards 1916

Panicum lat. — Stars
Dranthonica comor. — horse trail
Fags — much
Ostrich F - first & SW of 1916

Vegetation -

Sedges -

Osmostiga clay -

Resume sept. - cattle in wet spot by trail up, summit hard.

W side, Salix, Eriocrania, Gercini, stry, Vegetation, Hydrometlae, chrysogaster, Caus. syneri, Birch, maple, yellow, Rubus pub, Asim, thistle,

above here is open, oak & hem. by S. maple - ash - R. Oak -

X/sea F. - Lady F. - Breckygeltrum -

Vegetation - perfect out.

† Tulip - same as slope Col. PIX of half.

Casso plants

Lots small black flies

Several horse trails cross H. hill via the saddles

Summit is surprisingly open

Damp by discharged fills, veg. ang. Anemia, w/ sed. trees, and

min. Hypogymnia obs. v.m.

Pix

Super lovely picking! Fat n' tasty

Very soft after, not exposed rock!

Xcept when NY side

Sedum am - NY side

Rumex acetabola - NY

Dactylis spire - -

Epilobium ang - -

Lyceodium

we went down stream leading from Resume, sept, saddle

Q. prune - dry crest of ledgy stage w/ lichen

We found no decent ledges all the way down.
* Ranunculus Longicornis
  abundant in prairie, E side of
  West Center Rd. 504/1096 epit

II. Fen-like sloping pond, at bend
in West Center Rd., W of
ft. with Alfred Rd., West
Stockton.

Carex vulp.

C. zonata - prumnaria
Fennia rufa - efts
Eriophyllum - cots 2
Carex flava, leptalea, hystrixica, interior,
Consolida, Alcea (new partial)
Pot. frigid. - mostly W

Glyceria striata - efts
Salix - 4+tsp. on in shrub strip

* Salix interiorma - 2+ & ege, 50% FR, Pen.C.
Scrophularia - +
Zizia Preacum - +

Rubus setosa -
Conna mum
Phemeranthus c-g.
Salvia moll.
Senator -
Elytrites - efts
Tris vers. - efts
Hierochloe

Drech. F. - efts
Cica. bull.
Lysim. cil. - efts
Eup. dubium - efts

As. panic.

Hydrocotyle sm.
Acorus - ege pop. by root only.


* Carex Strick - small area
  of NW part. 50+ tufts
  + some culms.

* C. tetanica - tall, starchy, amber
  same place. 30+ cl.
  both w/ flav, hept, velp.
C. cryptolepis - rare

Plat. carens - buds

* V. Fime quality fern - little

7-02

1. Unhappy larch by road.

W. part sphynx

Scirpus atrocinetus - 1

1. Limestone fen - like meadows S of South Mountain Road, under and

just W of a powerline. Pittfield

Carex gramine.

" vulp.

" flav.

" bunchy grits, on orange fern beds

Scirpus pend. - col. Act 73 (3001)

Pix

Calium mollugo

Ramunc. arcu.

Cornus amom.

Vicia - all violet purple

Rheum - lot S

Alchisc articulate.

Inis vine.

Scirpus atrov.

Lysim. numm. PL

Thealium ruc.

Timothy

Solid canel and alt.

Juncus slf.

Calium verum

Equus aut.
No Sphagnum
Ant mounds - sold
Carex stricta
"" Carex interior
"" Carex by banks
Larix - lots in thick band

Pot: fruit, near larches
Selaginella apoda
S. syn. - mont.,
Red Clover
dry - we didn't get feet wet.

* Salix seriss. edge of larch

Zizia
Lysim. cili.

Cornina Morrow - lark sparrow
Rhamnus cath - "" 3
Epipactis - Rubra pub.
Solid patula
Adonis Mug
Carex stricta - we did beyond each pool
II.  Wild Acres Park

Registry Unit W1 Annie, Pat, Teri, etc.

Veep Herbert Parsa Dean

Origin McCarty, 185 South 11th St.

Road - Keep corridor +
rubber notebooks w/ drawings of
sires. 413-442-7249

Mr. M. says that the dam to
create Wild Acres pond caused
the swamp to SE to die back.

He says the NE party that
swam up Arthur Ave. Bottom
Spring, in 1744

He owns piece of South Mountain!

---

@ex cast,
1986 pears are only 75-100' S of
cold ditch which feeds
the bog w/ Saracenia + Andro
meda.

3 pears together.

1 more 50' SW away shrubly
and quite close to pond.

Follow ill defined trail 5+ trees
pole - maple within to where

pond curves E at least round
penins.

- 10 plants

amongst Rubia, Phlox, small

C. gracilissima + flora, Maple

Sax, etc. - quite open

to 20' under tall A1.

Pine and great Sand SE

d of a hemlock

Col from here

---

At SE edge of this larger

subcrop is a wooden log

bridge on muddy entrance
creek (dry most of year)

---

* Scirpus pendulius - 70 + PR

* @ S end of pond, SE of

pond itself, the Ed observation
tower, disturbed soil now

most w/ Carex flava, C. serra,

Juncus spp., C. graminis, ...

E end of the earth dam.
VIII. *Chamaeleon* site, Shafter w/ Teri Blau
Rainned hard rest of day
Showed Teri the pop.

We found 47 US plants
all w/ in 100' | $250 of
Shumpite Rd., mostly 100 yds
(50-150) $5 EE from crest of
road and mostly in an
area of rather thinly
young Wh. pines but w/ rel. little
shrub cover.

Many grow in close proximity
to a second, third or 4th plant.
We proved that vegetative
regeneration is happening by pulling
up 2 plants (both growing from same
corm) from a larger 3rd plant, but
only by breaking the corm connection
to the 3rd plant.

Awakened by 2 Ravens calling loudly
in trees nearby, Oct 1st, camp
area, Lee.
off in that direction

7-05

Beijing

1. Checked out Uranium pop. on
Manuf. Fx. Line
Not a trace

oc No. 32 here now

Symphonies etc, week lying on
ground, yellowing,

Carm, lupulina, candid, crinita
Glycosia canad., stria
Cinnam
Empetrum cap.
Stellaria hale, - F. Col.
Corneus amam, - "
II. Checked "Verbasum negatum"
   41 High St., Stanf.
   - is Campanula rapunculoides
      col. in flower.
Plantago rugelii - late June, col.
Rhus occidentalis - #. Tasty.
Euphorhia lycioides - #. FL.
Saponaria - 1st FL.
Daucus Schrader pump - roadside
around corner on High St.
FL + buds - col.
Hemlock - late FL
in open ditches + roadside. col.
Daucus - col. from roadside

7-26
I. Flyaway Pond, Easton
   Now all drained.
   Enter via driveway at off
   Canton ST., take trail by S. side
   of pond in Quest Brook

Pantheria Camp. - superabundant along
   trail by West, open.

Carex lamarckiana - in narrow
   vales @ sedge marshy margin of pond
   in Q. B.

Flyaway Pd.
Gray Birch - late edges + dry spots
P. Maple - leads, rep. Sphagna
Spinulosa Tom + lat. - leads
Vacc. macro - "
Scip. cyper. - "
" valid.
Carex lamarckiana -
Juncus eff.
V. b. & rege.
" vsim the
flushed big owl

Rhynchos capricorn

Lycaeopsis. appressus. Lots local

Dulichium

Cladium. "v. triech.
Carex scop.

Spartina am. wettest part (NE)

U. geminiscapa. Col from very wet party mud. NE part.

W. Carex canesc. Tunicum. sl.-

Dulichium, Lysim. ten. Sphagnum

Fl. Tinaecea. 8s. traps. & below surface

Close buds from these leafy shoots.

Carex stricta. rare

Phrag. "

Carex bulbata

Eriocoma phila. 16 planta by trail

Cal. or just pink lavendar

E. striog. V
II. Wet meadow - 5 sides of Elamere.

Veronica austriaca - 15% FL
Canex scoparia - 40% lots
Lycopodium
Glyceria septent. - lots
Ranunculus arvensis
Scirpus autumnalis - lots FF
Rumex acetosa
Stellaria graminea - lots
Juncus marginatus - lots
Laciniata - lots
Cerastium plumbum - few
Euphorbia perfoliat
Juncus effusus
\textcolor{red}{\text{Singer's Soft Weed, also in hedge area}}
Glyceria striata - lots
Althea Cineraria
Canex vulpinus - lots 2
Primula vulgaris - col.
Althaea Cineraria
Canex vulpinus - col.

\textcolor{red}{\text{Hypericum elipticum, or Potentilla?}}

* Selaginella apoda - col. from mossy mounds, Coads.
\textcolor{red}{\text{Juncus articulatus - dom. in hedge area, col.}}
Cyperus stagnalis
\textcolor{red}{\text{Picris, plant studied in 1981. Seed per plant.}}
T. versicolor, var. pauciflora
\textcolor{red}{\text{* * * Canex praeclaria - col. from Juncus articulatus area, note weight pondlett and rock pondlett. It's a bigger pondlett N. Tall rangy plant. Rare; only 2 plants.}}

Canex nigra - col. from the pondlett - only 20 x 10. Several plants 5' x 2'. Role 5 of 5 pondlett.
Limonium
\textcolor{red}{\text{Symphoricarpus orbiculatus - several}}
\textcolor{red}{\text{cup plant, needs baby rabbit most likely. Lus orbiculatus, not eliminable.}}

\textcolor{red}{\text{*** Scirpus pendulilus! 35 calms FR}}

\textcolor{red}{\text{Rumex crispus.}}
Epilobium - 2+ spp.
Potentilla arenaria - 2+ spp.
Canex scoparia - 2+ spp.

\textcolor{red}{\text{Tussoks; golden Cinnamomum scale spec., Not leavy but most much strong cut either. Friars;}}
Juncus tenerus - leads down E part of ridge.
I. acuminatus - also seen.
Curious ecologically - places suddenly wet adjacent to dry spot. Should check drainage to see if this is some sort of freshwater swamp.

Taller, erect, long beak.
Fl. lota, erect, plana.
Kaneohe - 10 ft. Tall.

Ranippa Island. - col. LK.

Eragreum pal., - all gone by.
7-08


Seabinamombi off yellow FL field behind Brendan O'Neill's place (the one he's renting -- Royce Wilkie and Barbara Dryer)

Arctia - SE open fields, Grade Fall FL - certainly some FL by late June - looks

Hypoxis - #

* Spenthe - 51, dozens, fox, says Brendan = S. vermeilis

Helenium swanee / carex / swanee / campanara? - col. lot

sly.attent.
lycanthenum / carnarea / miss.
lot. col.

Aster dumosa
Baptisia - lots
Soil not dry + sandy -- rotten, darkish, brown
Solidago speciosa var. juncea
Asterpection
Anthoxanthum
Amaranth
Platanth. sericea - 1.35 FL
Helianthus - not noted
Ligularia
Bastard viny
Pit.

This meet in the field where Billy Hill got some for her Azaleas

RBWO - 1 calls
Field has many more spp

* Danthonia spartea - # edged field, Col. Abandoned

Now in woods
Medeola
Cross stone wall to S side

Carp.- b Fabric
Chromaphile mac.
Monotropa unif.

Hieracium praealtum - 1 in LD woods road. Tall, smooth
Leafless scape. Few plants by LIDwos. Col. Just synagam into red?

Woode - dom. by Bl. Oak, w.o., Nyssa, Beech


SKunk C. - F. - 7
Nipple swamp
Cean. F. - 7
Wetony Brook

Lindera
Lady F., NY, Laurina
Thalassia phy.
Viola onec

Nice running brook = Mill BK.
Stone bridge
Circus quad. FL
Other Carries intum.

Hellbath - Canad. - am. Cleaning other house called to go

Jay Honey - local, by wds. rd.
1/7, dnt. + recog
Winged sumac.

Cochagle Hawthorn - few present by + also clay same wd. rd.
Col. from another save Brown's still chile.
Lycaosome
Rubus hyp. - lte.

Vitis labr.
Parthino.
Royal F.

Jack for pulpit - w/ White Oak, Underwood, nice open understory. Red Maple.
- Rich WD's var. Trifolium. lts!

* Long Beach Fern - lte.
Lycoops virg.
Dennstaedtia, Pseudocole F.

Boulders.

* Carex digitata - lte on slight rise
C. debilis, var. rudgei
C. Sibirica - lte inow + edge today.

Fastigiate (bunch live smaller than normal at tips.) Myrica paece - several
plants seen live and later by newer, stony gravel road.

Aegopodium polonum - field var.
Celestrus orb 1/

Cleaning - not interesting. Tiny
Anthr. 2, Tick city

Vitis aet. var. argy.
Big all hickories w/ smooth blue oak? -
there r tight bush. Ovate, prob.
10+ to score

* Carex cephalophora under them

Lycopodium tri, flake.

* Clavatum
Col from edge of: cleaning, several old water.
- now on main st. near road, Chiles.
- All above sp. present W-Tis.
- Post Oak - several, 1 year, newer road, Chiles.

H. democactus - grey road middle, n +
plant fr

* Linum lint. - 6 plants same place,
only 50-100' from wet dirt rd.
to summit. On grey road middle.

No good PC here nor nearby.
H. bidor. - # same area
Wasosim's Hill
- Top is open, grass + a few pine + c. umbellata
- Aecostaph - Lots
- Sculp 0,
- Pitch Pine - some
- Andro scop.
- Junco green
- Deerchampain
- BLK Cherry
- " Oak
- Chrysopsis
- Vib dent.
- Gay. Bee
- Bayberry
- Fraxina
- Pannier
- Several, including digger
- Dianthrum 3 pc.

Doria Amtun
Deep Bottom Cove
212-880-8623 @ NY
She'll send map. I'm welcome any time. She was with in the Art

Hudonia eric - # pop. c. rock
Lichens - Lts.
Lichens moss.
Sweet Fern
Hudonia tower - 1 @ Wasosim Summit

Hyper. gent.

Russell acet.

* H. diosmum - 15* @ W. Rock

Phill. Q. still. Lichens

Dell to W of W. Rock is full of

W + B Oakes + Gay becc.
Dell S. Words, too, says Brendan

* H. dum. - 30+ in old field beside
'bbox pit' - due W of tops of W. Rock
Not terrifyi, the. Childs.

Polygalapy - lots, same
Lichens willow.

Lyonia - dry roadside FL
Fusca ternera - looks on beach road.
Solid. rug., grew., Elliott, - Items.

2 Smiles, but decidedly untasteful.
Gray Birch - rare
Red Cedar - U. present.

BAWA  SCTA  WBAU
MOYE  AMGO  RBRG?
PRWA  REVI  EWPE
OCFL  COCR  HAWO
RSTO  BLJA
BRTH  RTHA
GRCA  WOTH
HOFI  OVEN
BCCH  DOWO
BASU  ATKO

No Holly tree
Ilex vert.

Violets palla
Mass. Form
Carex howei - tussock in swamp w/ 3ff elder w. rd.

Flaxseed

Star fl.
Wood Aroma.
L. si. m. quad.

Polypody polyp - shade along dirt rd.

through proposed new level.

AZalea visco. - willow on sump

Wd. & w. Rock, with:

Tepee

Skunk Ab.

Vio. rose

Cinn. F., tawny, Noted

Vas. corny

Big Jack in Pilgrims under log

W. Oak. - 129 1/2 " CBB

Oak cren.

Beech grove.

* Panicum microstachy., f. from the swamp area.

Scirpus cyper., - road edge

Salix babb.
Penicuim claud - no notes
Sassafras
Vac. atror - delicious!
Corylus rost - plenty today

Now going N of the hill W of
W. Rock, toward field R.

Dangleberry
White Pine - prob. Chiln. but
Sequoia, close to town line. Benson
Fakon - large one to E W. 775. Settlement

Beach - BLK 0 R. Tape 3.5 - Tape 5.3

Lynea - fragrant but not strong

Asclepias exaltata - 200, 1 FL
Am. Holly - few

Calthura triple.

* Box Turtle - same place, at edge/
Brendan says the Achilles field is moved 2 every other year or so.

Leopard - densely growing, pot.
Aster - Stilwell Pot. recta - 1
Festuca pratensis - # uprights / loose.

This is 1st house Josie lived in on RV!

Cat's ear - seeds in yard.
Blue-eyed Susans - seeds in fall.

Jardine

Peppermint - do.
Stellularia graminifolia - do.
Ferret - "
Timothy - "
Red Clover - " + Alaska
Canarium semi - "
Eriogonum styli - "
Pot. argentea
Pyrenatherum muticum - from North Rd. 5 into seaside

White Sweet Clover - do.

White Pine - 2 planted trees, do.

7-09

Tinusus acuminatus - Cal. from edge of Middle Point Cove, 7TGR

Prunus avium - 3Tis. 5

Casium aversum - disturbed dune

Hordenum jull - 1 clump, 5 and 5, Pd. Amelanchier with

Poa annua, 5

Timothy

Spartina poetica

Cuscuta - #

Quercus, Chilmere

Populus trem

Amelanchier canad.

Corylus am. w/ FR. 5

Fearn
**H. dumosum** - 40+ in small patchy grass field w/ late PI shrub patches 5 of 2nd house (the one W/ mist. open area)
Not good hab. E side dirt rd.

Post oak - frequent & common

* Robinia lutea* - # under W. Oak, shore + blip (3 one) W side T. G. Rd.


Van. Turbida

Big field to W is too shady to be of interest but so some Helianthus to W 1 house (S SE) to crop farm.

**Lilium int.** - 150+ in gray shaded 2 of the N & E dirt rd, ca. room 5 ft. 1 Quamoo Rd. W/ Agrostis stol. Androp. scap H. bickert a few Astilbe

**Epipactis** - 3 plants by shady roadside just N/ jet W/ Quamoo Rd. Col. 1

Heal-all
Solid. altiss.
Oxeye daisy
Barbara vulgar.
Asclepias syr.
Sagera pro.
Asphodelium uig.

**H. dumosum** - 150+ FR
Sue + Flip. Whiting's field, esp S SE post S W/ Ageratum arica, D. S. piec.
Oxalis pun, Deinanthium, Agerat Stol. 1 H. him. H. prop. Anthoxanta...
Pat. Canad. Leechum, 0. alba, 0. elic. 0. velut., Epigaea, Pitchpine, Canadian, Solid. small Fusca yellow green, 0. still. Canes absolutely green densely beaded - col. 0. densely greyish, w/ no shrubs.

* Sisy. annui. - 4 in poor grass near S of house w/ Arcto. FF

Lunch @ Flapj.

Scirpus valid. - Pondlet @ Big Sandy R. Doake

Eleach. pal. = smallii

Typha lat.

Dentonia comp. - roadside

Sambucus can. - shrub shrubbery

Phrag. - G.T. Pd.

Chenopodium glaucum - several - S shore G.T. Pd., 2 towns

Long. Robert Point, 770, W. Tisbury

II. Sisy - annui. - Tom seq "causal"

* hundred in field S of house, long P.C. Res., most near roads.

* Linaria int. - 100+

* Carya quinaria V- set. from roadside W and / TTOR pop

A. Plat. Green - 2 in brush, low slightly field near shore W of Homer Pd. " TTOR" "Tophord" - freq. thin here

Salix triatica

* Linaria int. - 100+

* Hibiscus - 10+

* Sisy. annui. - 10+

all 3 @ SE on TTOR prop.

just E of road, 5 W of Homer Pd., right @ behind (N of) dema

Mocking bird here, late, best good hill

* Achillea lanulosa - col.

* Am. root - some place, # bushy

Vigorous. 10+
B. June 11. p.m. - 5 end pendulit
SE of Long Cove
Plantago major var scop - do.
Squaw am - small
Eleagnus halep. ?
Vista lane,
Prunus ibex, nig.,
Ptismia capill.
Fuchsia sp.
Gratiola aurea - some
Cercis scop.
Osteosperma sequuin var. am.

Hep Chevron - small, turn, drift
stallied. - T. prow. hwm.

Miyoshi. Tenellum - CA. from
NB end of pendulit. Lots small
plants

Faux. Pkl legatey stroke (20% old) showing replacement of Guy.
bar. by Anther scop.

A. H. Dunn. - 100 + E side long
1st FL. NE Olympic 1st FL.

Again, fresh shore veg.

Myrica gale - common twin-ship
Lyceum am.

Typha ang. - 111 Fm. E side
Long Cove

Nymphather - do.

Pyrolea ret. - in low this
only 20% N. Y Beach 12 Full FL
WE also had several by walkside,
Queens Rd.


Melilotus alba - Palm. Bosame

* AS plumam plat. - 200+ short,
red-gale green fronds under torm
Chace's house at day plt. 1 Plant
are in crawls space behind a
'cereal' window, which has been closed permanently at least 3 yrs. and probably much longer. Window gets early AM sun only. Too much of an effort to get to plants now; perhaps later Tom will have an occasion to go in there. Ferns all < 5" long, most 3" or so. Can see dark stripe, slight foot to sand end.

7-11
w/ R. LeBlond

T. Kettle Hill put E of Green River, Ledyard

We crossed over just N of 1st blue stream on top SE of Stafford BK.

x Waldsteinia - 50 + leaves on W slope w/ Adiantum
Amphicarpa, Xtea F., Bach Arch-Magee - R.O., Astilbe, Actaea

packy / Veldt camp - 50', ca. 50-75' elev. above r.r. level.

This is N of being opposite the blue stream. See also ahead.

Basswood

Narrow 100'-200' above r.r.
Adiantum - Localk below Setups
Dry cops is race, Broussanie, Hymen
Carx papyr., Asarum, Sanguinaria
Catalpa, Solid flex, Adiantum

Budchlythrum - Athyrium filix-fem., Carex
Sparagis, Gomos, Melitrium d.
* Milium eff. — 32 FR

Wil all the slope in this semi-bank on a steep slope. Col.

Urtica perp.
Galium trifl. men.
Trillium erect.
Trillia
Hepatica am.
Pimantia alp.
Avena a. tril.

R 26

More Avena on move 5,

extending on to only 5 ft west.

above 710

When go 5 beyond small pines

no more Avena no more cherry.

Stuff all together.

Cyp, calea var pub. — 1 DFS by

vernal steep creek.

Orchid sp. — 1 FR, do.

here slope goes right in to

over R. 15's floodplain flat

Demodium glut.

Sarracina trifol. — Col. piccia.
3-lobate, short styles. Beside

another steep vernal creek below

low shrubbery cops. 20 LWS, only

1 plant FR,

Phtl — hypericum — woodland var.

2 FR. in same vernal creek up

hill, w/ Epipactis

Pyrola verna — now w/ some Trill.

in wds.

Now Kalmia too

we quit. go N, before hitting

Kathy Bf.

* Waldsteinia — base / the

narrow slope w/ Milium —

15b. level above actual FR. 10-15' above

RD S4, w/ Alan Sach, Brucey.
Beach, Tolstoy, Felix, Philpott, Collinswood, Carls, Wilde 1946.

Venetian off.

Fuschia
Flax, base, Clay
Only 25' above Nick
Rubus pubesc., odor
Solanum dubia

Taxus
Carex gymnadaea

Glyceria sp.

Scirpus atrovirens, epox, substrat. base

Ed. Continue a bit into semi-shaded parts of the wide slide, plants visible from road. Know where to look. Fine grade.

Nothing else of real interest, steep, even though 1 place looked good w/ moist, sedgey-Equisetum cover.
III. Skinner Swamp, Shelburne

R. Maple
B. Ash
Tsuga - edges + darker
Taxus

Wet in Central + W. pants, drier
as go E. w/more Tsuga, but
no really good Nyssa flats.
Tall Cinn. sparse in the wetter
places S. ward, and Cinn. sectent
N. ward to edge of wet Cattail marshy
dead tree pond.

Sassafras
Mistletoe - loads
Clintonia
Coastal
Geum rivale - lots
Rhamnus alnif. - good, local
Cornus amom.

Tulip - vert.
Sax. pens. - lots.
Polygonum ariz.
7-14

I. Hawley Bog

Took smaller (south of) 1 trail leading in from stone
marker off house.
W/ Pat Swain, Julie, Felicia, Joe

Carya ovata
" hinda
" atrocis

Calla pal. - channela

Hyper. ellipt. virg.
Glycina striata, can., melicaria
Seq. latif.
Lythris
Ribes laxif.
Pellanat, ang., pol.
Myrica gale
U. cassia
Sambucus, can.
Nemo.
Bl. Sweet

Bol. Foi
As
R. Maple
Vaccinium, atro. + hybrids
Chamaedaphne
Solid. reg.
Salix sp. + humile
Y. Birch
Cinn. F. Royal, Sens, Jewel, Ferr
Nap.
P. canadensis, atlantica, salmon, lecania
* (beaver, etc.), paraceras - left in Nemo.

Smooth Aroma
Rhynecho clava
Chionopus
Not almost to opening
Ledum
Sarsaparilla
U. cornuta - loads FL
Gay. lac. - several
Plat. bluish - lots 1st FL
Vacc. macroсол. cr. X, loads, domin open
Drosera rot. - loads
Calopogon - FL, 2.
FR

C. paucif. - lots, perhaps 40e
along W side N+S of where boardwalk
enters bog. Also NE to open H2O.
C. septula

Eriophorum - FL - most

W. Punt
R. Maple - lots E side

A. × rubromarginatum - planting Bl. Spence
W side of bog, col., 20+ tree,
Area 20+ N + NE side in front'

Osuna can.

St. John's wort

Buckbean - pondlet S of main one

Nymph granite - do.

Uvularia opsi - do, # FL, late

Solidago

A. × rubromarginatum - mostly brown phase, and

Ilex vert.

Typha - marshy SW part

Aster panicul.

Cacalia bulb. - unident.

Iris vers. - unident.

Coptis

Crabberrier

Erythronium

Frax. nigra

T Tennis

Now working SW to 5 part
of boardwalk

 difféu

Thuja

Cephalanthus occidentalis

Vib. alnif. - do.

Aster amellus - "

Kalmia lat. - "

Rutella - "

Aralia spin. - "

Nedola - "

B. edwardsii - "

Fagus - "

Sambucus can. - "

Aralia spin. - "

Lycop. lucid. - on rock by site marker

Poly pody - "
SWSP  EAPH  YBSA  Royal F.
NAYE  REV1  t  Rubia pubescens
NETH  BTWA  Chelone
UEER  WIWR  P.I.
BCC4  COCR  Caltha
PUPF  CEUX  Solidago
RSHA  SOSP  Senecio aureus

Thalictrum poly.
Bl. Cherry - roset.
Rubia
O. Vib. recog. - long rain trail
Scrip. rubra.
E. Juncus sp. + efface.
Sorbus sp. - impend.
Plat. Coach. - 3 in bud. NW.
Sphag. mat.

Eug meen.
Impatiens cap.
Asim umbil.
Clintonia - log forest.
Plat. Clav. - " - " - # 10.3 PL
Carya kowhai - ".
Linden - "
Phenomena alnij. - going E in
my forest, under Cim. Fst.

L. person.

Streptopus simplex - A on some
knoll, F & autumn. This is the
e-longate peninsular.
Carya sativa.
Nantucket

\[7-15\]

1. Airport area - Nobadeen Plain
   W/ Annie W., R. L. Bland, Randy Tate, Clarke McCurdy

2. Royal Fritillary - 5 just E of

3. End of main N-S runway
   NW of house (this western most
   house is actually on airport land),
   W side of old dirt rd, which ended
   shallow swamp area.

4. Sisy arnica - 10+ plants FR shorty N
   of New South Rd, E of
   Nobadeen Valley by Iwami.

Nobadeen Plain good habitat extends NE
to old dumping area.

New Sisy area, plants spread through,
within shallow bowls S of
cold gas tanks + tank trailer
Large several acre piece S and
SW of tanks has been mapped.

** H-dune, scd.

Seem actually more in good hab than in scree.

** L-firm - only 10 in. or spot 4 W. Most sparse, my toward Wd. 4 good hab.

** Am-Nant - 10+ ft. W of N. Valley bottom.

* Corrosion - lots E1 road into tower. 200 ft. E1. Colony X-tends N to E1. along ES for it + N for 50 or more. Also some 2W of E1. 400 ft. road.


* Pinnium malleol - loads 2. Colony the low spots, purple. Pix! Col. To 2' tall, E, N, W of tower.

Platanthera bleph.: - Loads of kid

Gay, dumosa - lots low shrubs.

Salix stricta
Actaea speciosa, demora
Dentaria spicata, corks
Carex pens -
Festuca rubra
Lyssia quad -
O. principis - leda
Bayberry
Salix stricta - corks, small tower
Her pretty succ. habit.
Decomposed floss - etc.

Smyrna glebea
Solid - elliott
Circium plum - lots
Bleeker
Sassafras - Code SE part
Carex - wet.

Stipa aren. - todd sized clumps
ESE of town. Col. 70

Junco. praecl.
Bartonia vig.
Bayberry
Rhus eopal. - vinly cote E. ward
Agrostis stolon - cote
Spirtina pet - E part.
Hyper. perf. 7. vig.

Andne. glam - only N of town, etc.

Not to in any of these wet spots rods,
Dry pet. bottom.

Tunica eff.
Chamaedaphne
Azalea - duke 2 total

Codiaeum - fill. int.

Rh. alba

Cercocistra - more in these N & W

* Platanus - lots

* Calopogon - 1 fl., w. side of

weathered log, N. tower

Enophorum - do.

* Rh. tonsurna - 10 small clumps

P. alba - lots

Sag. tenda, Pachyandra, Rubus

Rh. Cap. - several here.

* Lycopodium - mind, up hill

low lots on NW side of same

weathered log. Pix. 4 or 5

Stout. dark. Clumps w. 2-4 broad ones.

Plants variable as to thickness

Rh. alba

Cercocistra - more in these N & W

* Platanus - lots

* Curr. F. - strict, coastal log form.

Illex glabra - lots

Baptisia

Amoro. scop. - loose w. N. tower

Alectria - 100 + w. side by

150' fl.

Cyp. acule - 1 fr. by road

Polygora polyzona

* Silv. acaena. - 50 + good size

plants right by E edge of

entrance rd., 75 yds. N. of fence.

Pix. Col.

W. Sheep Fence. Amoro. Scop. Astilbe

patens, Cats ear, Polygora polyzona, Rosea carol.

Sand pitulite, Solid. mem., Rosea carol.

Plants blackening as they stand.
Asclep, amplex
9 shoots (1 VG, 8 FL)
New South Rd, near its N end

Richard had Platanthera laevis
in mud by Hammock Rd. RD

Nantucket
W/ Richard, Annie

J. Madgequaham Valley & New South Rd.

Macul. Hudsonia eric. on gentle slope flanking valley
Aster patens - Eoio
H. drum. - Locke

Epigaea
Ves. eng.
Aster patens
More healthy than grassy

Low shrubs of Q. primus, elipt

Comandra FR - late, E side

Hel. propping - flat valley bottom

Oenothera biennis
**Aquatic Int资金 - 30 FL**

- 30 FL

- In moist sandy, grassland
- Feat a few feet E of a ditch
- 100 YDS south of the main stream
- Boggy road (where I found L. in 86 or 85)
- W/ Helice
- Rubus fruticosus
- Solidago juncea
- (sp for 18)
- Definitely seasonally
- & more to SW (500 YDS)

- *Flat. Area* - 2 FL same place.

- *Amp. Mont.* - 1 slow spreading plant, same place, FR. tatty.

- Dracaena rot. + int. - further S
- W/ Rh. cap., Lycopus amphibious

- *Sisy alatant.* - lata
- Calyptogea speciosa - native. E - PL
- Chrysanthemum - L. 20
- EAP. S towards Phrag. path
- POT. norvegica - #

**Typha ang.**

- Samolus
- Phallicum
- Scirpus am.
- Agrostis stolonifera - faster
- Hypericum/herba & can.
- Nica lecne.
- Skil. Compo.
- Lycopus am.
- Flueca

- Moist about but no standing H2O overly in Typha + Phrag.

- Verbascum thap - frag.
- Rosa nig. - adjacent hillock

- Pix

- *Lindom*:
- *Lepedega ting.* - few plants by sandy
- *taw / steet: East diet Rd.* W side
- *Mad. Val.*
II. Shawnee Spring
MacNeuland
We met gardner &

Stratton molle - driveway col.
For the Weather Ozone - "
Euphorbe 'crupina' - " grass

Get him some plants in this of fruit

Planted Carya, plums, apple, prunus, etc.

Ranunculus repens - by pondlet
Canae sige - "
Lemna minor - in "

False marigold
Holcus
Pohleu
No Next record of 1934

Emargin cap.
Glycera can.
Apis.

Apocynum cannabinum.
Photinia fraseri - VC, simple in with this. Also 1 FR. The VC. leaf
I col. appears to be A. vulgaris (3/50)
Trail along base of hill reveals

Rich Black soil

Rumex crispus
Sene F.
This of Seagra, NV, dent., Vac. cornel, Cornus am.
P.I.
Rhodo, catawba, @ old fireplace

Herschium max. - above fireplace, few vc small plants

N't fire place in wet sphagnum under wi. Holcus, Carex stipeta

? Canes shesang. - # plants here col.

Lycopus amelictus
Ranunculus repens - hairy. F. 3/40. Calsum
Clausa edge
Big Salix @ spring house = species?
Galanthus nivosa - " Spring
Epilobium
Glicemia
Juncus eff + ater.
Rumex orbic. - @ spring base
Water cress -- age-plants

Rutel-1. vulgar. - late estate's
Cal. - FL

Flex vent.

Thix + march to N bank
Rosa pal
P.F.
Cenr F.
Scirpus cypar.
Apicos
Rumex orbic.
Typha lat.

Oyster catchet - 1 81/2 - 3 1/2

Bolus - bruces H. - step in

Asparagus - 12
Scirpus robustus - convex top
of sheaths
Scirpus olneyi - leads in sw.
area, saltmarsh/pool back
of beach, (U) robust, many
is am. Typha ang.
Cal. - 1

Shawness Creek - draws into small
SW, thin gently to beaver.

No Typhaorum

Solanum duke.
Squaw Swamp

Antirrhina in here unpalatable green below, not whitened

Sanicula canad. — N d when we 1st had it last year.
Under Tupelo, P. I.
12 ft. plant. N? Guam can

Starfish — Leads
Gly. found.

ATWO — 1

Crossed a flowering creek 3' wide

Mitchella — Lots under dogwood, Nypa
At least 3 knobs today.

Circina alpina — 50' F.F. in mass
on N. Tupelo island.
W! Calypso tuberosum
Col.

N 5 — Boufford bay is not small
C. quod.

Cereus debilis var. rufegii
Several plants under Tupelo
N. moss, Hitchells, P. I.
C. Sweneyi, Flattush.
Mid-slope, Whitish sand. Col.
Late E end of same knob in meadows
Scorpiurus 9' DBH. Same knob
Another 68' CBH

Sanicula canad. 100+ by
deer trail. Same knob. Pk;
P. I, Col.
Lycoceus (rubecula) same place
as big debilis pop., w. Piedra

As the latrofill — same
7-17
W.R. LeBlond

I. Choked Asin condensata
Red Hat Rd.
All is well, despite new gasoline or whatever went in immediate adjacent to North side of road. Perhaps a few plants just zapped by the work extended in to 10' from road. At least 3 A.C. are now growing right on the edge of the disturbed ground, apparently with any ill effect.

II. Cornea Linn. E of airport
Old South Rd.

Rasputia spp:
Berberis - very vigorous
Cornus - barely budding sprouts
Amorbus scop

Scrub 0. j. & prionoides:
Baptisia
Var. ang.
Leccia up - too small for ID
Pitch pine
Rosa Carol. x nig.
Hd. dem.
Hd. can. or C. x kod. x dem.
Solid. or Asin basal line.
Asin lineatif.
Carpenters
No (?) seedling plants
Hda. erie - edge of rd.

No Cornea region.

H. propinquum - just N of dirt rd.

Clear, dry, breezy, pleasant temp.
III. Bloomingdale Swamp

we entered via Tom Nevers Rd.
road w side of swamp.

nice heathland ca 100 yds S
Millstone Rd, on E side dirt Rd.

Hida, eric. - dom.
Comandra - Roze
Arcto.
Cane pen.

Decidious, live.

Salix o. scit.
Baucidia pro.

Aster patens, specie.

Vac. ang.

Brecken

Small but nice

H. demiss - 20 cm. max.

Lichens

1st tree grave E of dirt Rd.

Nyssa

F卅ontspa

Starflower

Kemisia ang.

Rubra hiep - looks.
dry, unexciting

Gay, dim. - loads in low dry

Ligustrum grandif.

Little boggy opening, mowdry, w/
Coastal Curr. F.

Tamar off.

Vac. macro

Kermis ang.

Ilex glabra

Drum cos.

Hypos vix.

Now large wood grave, near marjig.

Dangleberry

Ilex opaca - 2

Pyrola - lot.

Vitex sp. erect. var. la.

R. Maple - Tupelo

Parthenia - lot.

Amel. Raevia

Sassafras

Clethra

* Mitchellia
Anemone q.
Epigaea - dense shade
Kalmia ang clumps
Mainth.

Open swaths S. end of big woods grove. actually in a scree

Sorbus fil. codes 2
Lycop. D. int.
L.

Lyco. pumila
Andro. glom. Pop. visc.
Rhyph. Alba
Juncus eff.

Pat. bleph. - 100+ and carpo. canoe canoe

Panoram. mire.
Xylo. diff.

Becomes wet + sphagnum. w/ woodwardia
wig. to N.

Ul. subulata - in. moist (but not squishy) areas of black
muddy peat. 500 + w/ buds (w/ clusters). Fl. 200
+ w/ chas.
mo. FL. Dix. 20+ FL. C.
200 + more buds and 20+ FL 8.

Juncus eff. - Ery. pilosum
Var. macro.
much yellowing sphagnum S. ward
Dry, white sand in spots

Eriph. var.

Lycop. 'robustum' = few lots on pe-
5. prob = slope.

Alecto - cell FL
Juncus dichot
Polygala cava. FL
Carpe. maitte

Scirpus am. (pungens) = stunted
eur. cyper.

Woodwardia wig - NW spots. and chas.
End in acrob. boys w/ Lethaspis
and cranberry.
Cal. can. - marshy s. part

Drosera rot. - wet sphag.

Tipha lat. - dom. in march near
E of us. - made three marshes
marsh's E side; also their
ridge of Polygonum cuspin

Decodon in marsh
Salix alba
Epilobium - slender leg.
Ludwigia pal.
Rumex acetosella - E edge, deep
muck

Canthium haveri

The island three border the SW side
of Old & burnet beer me -
the Southern opening show me
on topo?

Nada of interest in area -
1 Holly tree

Vette lab. - dense cinn. hairs

This swath continues and turns
into a grassy road bed which goes
E to tar road, hitting it
100 yds or so from the famous

Swamp scrape. This swath is W offered

Pee to) or = the creek shown coming
down from Bloomingdale.

The Swamp of R. is very fine here an
Apple tree at its entrance, which
just west of a sharp bend
in the road.

* - follow famous scrape W -
ward and it becomes the WET N
end of our new scrape!
All one piece of handicraft!

* Spotted Turtle - 1 adult found
semi-buried in wet, thick bed of sphy-
num, at end of the famous 'new' scrape/
swath (E of W end of famous scrape).
Pix: Only the side of the animal
was visible.
**Cactus Sandspit**

Now also w/ Marla Litchfield

A. Wyola Pt.
   - No Cactus — too heaving vegetation w/ BAY, BERRY, BL. HUCKLEBERRY, CEDAR, SORBUS, etc.
   - BL. Chilean

B. Bassa Pt.
   - Q. STELLATE — S, S. part of CA.
   - 10 Trunks, near S part of E side of B Point.
   - W/ SOLID, SEMP. just above LINN. by little SPUR POINT
   - Patina midw.

**SECTION**

Bass Point — abundant beneath CEDAR

**CERAMANUM**

- under a ground cedes further out point
- Some PT. COL.
- Pop. continues S to further CEDAR, grass the lot of PT.

No Cactus on Bass Pt.

**Cactus**

- Same still Fl. on S Finger Pt., roadside pop.

**O. STELLATA**

- 10 Tall Trunks just 5 of roadside cactus, same point.
- Can see old shack off to E. This is near SW side 0.5 F. Pt.

Fragmastic sp. — roadside

Features, elevation/pristines — several spots about town & its outskirts
7-18

I. FP walk, NEWFS
** Hinoki cypress, Beakholm BK.
24 FL vigorous, 6uc in flood, second sl. depression jet, 1 cluster, 9 Bf.
* C. rugosa - 20+ clumps, even up only 50' from 43 My Bank BK.
  * C. grayi - 20+ clumps, do.
  * V. rigidum - haggy cause
  perennia seen on plant. Ought at each other.
  No Matteuccia seen

II. Stony Brook, So. Hadley
* Silver Maple
  Rain O.
  Green Ash
* Sag. lat.
  Alicia
  Sag. rigida - mud 1 ft. shallow
upstream, S side, VG only?
Col. Lots? in understory?
Also locate in wet oxbow
Ludwigia pal.
Dailichium
Leaved or: - dom.
Boehmeria
Figa

Acon's
Iris pseud.
Nyssa - up on bank

#2: open area by big pine (see ahead)
10+ clumps hardpan, of long former channel
#3: @ C. stage site just W of line
10+ clumps PF, mostly Asp. Oak, Elm
#4: " FF around dry muddy beach due
NW of Sharp N kind of Fio, just E of Bennett trib.
#5: see end

** Mimulus alatus - 16 Fl. shoots
in adjacent grassy depression to S.
Same elev. and also sl. closer.
W/ Leucas o., Boehmeria, Senec F.
Impatiens sp., Sep. lat.
Col. 1
By logs of fallen tree, R. Oak.

Sene F.
Lepante
PI
Lysimachia oöl, sum.

* Carex typica - S of the ox
Oxbow, S of inlet steepy creek.
Dry, shaded area, PI Carex invase.
Carex (order), Lys. col., Birch
less these F., Carex cinerea
Under overhanging BL Birch (uppm.
bank)

Lycopus virg.
Unica grac.
Cephalanthus

** Oenothera hum. - looks in pool of moist
oxbow to N towards rio.
Many FL. Col.

Grant Checkweed - open rio bank
Rio is very swift compared w/ Bash. BEK. and sluggish

Carya laciniosa
Smilax hub.
Lythrum: tan
Carya bitelli
Royal F.

Cross Rio where hits steep bank; actually stony bottom. Good flow.

Big Pin Oaks - burnt
Vitis distint. arg.

Allium tri. - along bridlepath toward SE; superabundant upon slope under Sug. Maples, dominant veg.

* Carya greyi - 1 1/2 right edge of bridle path/trackside path

W/ C. intumesc., Sil. Maple, Pinus C. Ash / Beechwood, Sour F., etc
Adjacent to open muddy shallow basin w/ 0 veg.

Anther 1 plant w/ 3 shoots to SE, open FParks, w/ P.I.
1 more clump w/ 1 FR Shoot under Sug. Rental, edge of wet pool at
puddle site.
7 more bushes just off 1 FR line, slopes of Beck's lot of same muddy area.

Under Maple, Ash, Elen, Oak
W/ C. typh. #3, FII, Leavenaw, Bocking
Laperle, Col. Healthy
Double trouble — abundant Aricia
gauc + Polygonum say. under line
exea + Phyllites. Uter aeat. + eg.
S CC F. Scirpus cyper.

Now going NW, N of rio.

Penthorum — 8d oxbow margin
cratida neg. — " ."

Ceram bevir.
N N Pappuccia

Economyst — very downstream.
Nimiake ring — " ."
8d oxbow W1 ranks veg .

Clumps typ. #5. 15+ FF
Clumps on low, broad, knoll
part S of road and Ed mouth
of Stony BK. W1 Carexovale
P., and Littleclat (much
background) under St Maple
Creosithum, Elm — all small
tree. S Corna, Bothm.

15 + more clumps N wards
as go towards pendlet outlet

Pendlet on top is just a
back-up FP forewyk W lots
Carina, Bothm.
Heavily silted.

I joined across via R.F. Bomelle
house, x from Bomelle s farm.
7-28/7

I. Hiram, ME -- Wedgeworth prop.
    Ring pine - Pix


SCIRIPUS ATROVENUS X CYPERINUS (ped-


in mddw.


Cerc peduncul. - Lots on staf


Lysimachia bigelovia - # in wet, low


Corallorhiza meco. - # in sm. colonies


Plat. lacera - 50+ in mddw, dry


Sparanthus gracilis - 1 FL


Aneilema flava - 2 or wh.0.

Cerox scalator along stream

Trees are only some hi litter
II. Pequawket Pd., Brownfield

acid pond w/some sand beaches, but the water 1150 too high

lobelia dot.

Espeletia

Erica sept.

Gratiola amara

Hughes, Tom.

Lecnea moist.

Hel. canad.

Pitch Pine

Eleocharis minima

not very interesting

III. Ingalls Pd., Hiram - Baldwin

boggy ponto flogging 5/113

Parmelia - lones.


Polygonia ophiog, - sphag. salte

Sasaconia - do.

Scirpus teregang - Espond.

U. vulgatra

U. purp.

U. cornuta

White + Pink, 150 lily

Spongiurus fluctans

Botrychium multifol, - in woods on

in Oak. Co. line

Bodlayea laxa

Eleocharis rotund


I. Seco R. edge & adj. 8-22
   - Brownfield
   - Oenothera perennis
   - Carex vesicaria, rostrata, laxa
   - Ul. intern. FL wet spot muddy
   - Lysim. hybrida
   - Scirpus attenu transfer, cyper.
   - Spartina pecten

II. Hudsonia toment var. int. & coll. from sand at wood-end

Wahlenbergia - cut off clear pool

Nuphar - do. Clear enough to see base. Same pool, only
50' from Saco R.

Silver Maple - Wh. Pine!
Sol. exceedingly sandy, and
not flat E.P.'s

Hyper. ellipt.
A Stachys tunefolia was, hospitable, plant brought to me by Jocelyn member from edge of swampy road, just beside parking lot.

II. 7-23

T. Emerson Bog, Stowe.

Regular stuff plus:

Plat. Bleph.

Canav. panicea: - Ect.

Schizachyrium: - E wet edge former meadow.

Simadina trifol: - Loads

WWXB: - 3+ 1-2 males singing frequently

LIST

[Handwritten notes and observations]
Evans Notch,

Big Boulder talus slope NW of parking lot.
Rocksly w/ ordinary stuff — 
  Aconitum, seed.
  Sanduyna pub.
  Polygonum cin.
  Athyrium fel.
  Polyglossum acidost.
  P. braunii - 20+ of various
  spe.

Amoskeag clay.
  Vit. club.
  Carex aestivus - rare
  Vista sel. - # up on boulder
  boulder
  Calamine flag.
  Sedum flex.
  Adventium.
  W. Ash, Y. Birch, Beech
  Thalictrum offic. - colony of 30 colonies
  and more W5, base of slope
  only 25 yds from open mdo.

Plot - grandfl. - # FL
7-24

Drive to Twin Lakes, Bowmanstown.

Hear rumbling of car from smoke, then--whew--arrive.

Cross into Canada at Coburn. Good. Take 1st big dirt road on left off 212. Looks easy, straight, logging road--fast.

Uninteresting flora along by road.

Super hot & humid!

There is a way to come up from NE side--end up at same road we came in on.

Aphotic Capillaria--col. from roadside into our campsite.

7-25

BVFL
BCCH
HAWE
BYWA
NO PAula
CEUX
YBSA
OSFL
GNDTH SWTH
HETH
COWA
WIUR
COGR
RBGR
DOI
REVI
BRGR
GCKI
GBKHE
WTSP
SCU
RUGR
BEN
AMUO

BNWA
RAGU
7-25

Showery Rain until 0830, thin gradual clearing w/puffy clouds in PM.

Twin Peaks, Bowmanstown, 17E

Acer spic.
Birch
Cedr
Spruce, Red
Sugar Maple
Vib. recur. alba
Rubus gland

Dryad camp. internel.
Hybrid Holly F. ?
lower slope w/5 colors.

Struthius ros., compl.
Stilum Lat. in. spladen bench

* Fumaria pall. - do.
Centa. elatol. > " - col. 1118
Osmohys calعد" - do 28+FR Col.

Poly Stichum brunii - freely
Common on richer lower slopes, esp. on
Rubus sp.
Corylus alt.
Epipactis
Clintonia

Trillium mont.
Solid - flex - macro.

Trillivera
Corylus
Delicate?
Cercandra alps.
Thuja pt. thuja pt.
Galium triflum
Polypody
Oake F.
Aster acumin.
Aralia nuta
Halesa rubra

Carp. gracil.
Eup. melablattina? rug.
Solid rug.
Theallium poly.
Corylus rug.
Cardiophyllum
Trillium erect
Baham fir

Carix debilis var. + dwegrana
Media rec
Aster panic., umbel.

Now @ dry ledge mossy
W big plants of Streptopus
complex.

Carix stricta - C. P. 20+ plants, up to 1 m culms.

C. media - 50+ culms
C. Sp. in host at top 5 side
Stellaria borealis - C. Bullat F.
C. Camps taller rot.
Calamagrostis canad. W - C. dense colony on mossy ledge
Carex Fest.
Mistletoe muda
Woodsia glade - up to W side where dry
25+ plants on next wet cliff
Cascade to S.

C. D. frag. - same case.

改装

C. media - 2nd media?
Long leaf, leafy. C. P. 3 x
just N. Cascade, shady
mossy ledge. Only 1 plant

C. Communs - long leaf
Same place, C. Communs

Lycopodium lucidum
Equus = av.
Long Beach F.
Phragmites sp.
Thuja
Solenace decora

C. flava - next wet broad cliff
to S.W.
C. scabrosa - wet soil below cliff.
C. gracilina + gynandra
Galium asperulum
Acer cam.
Plat. distata 1 plant
Rubra per.
Cal. can.
Malatium pol.
Botwenna
**Vicula sp. (cneu?)**
Lycopus und.

Woodside - shady ledges
N of here. Various sizes.
Growing in shade.

Tansy

Sambucus pulchra

Dreweilka

Lunch

Car

bromene

Schoenine

Chiroenes

Cotoneaster mazzu

Vc. any, myrt.

Lemmata - dry shelf

Conus can.

Trillium undul.

Lonetana can.

Car

Cepill - col free moist small ledge

Amel. bart.

Pot: Trident - flat dry edge

above the Car

SPlit up into 2 groups

**Car**

media 50+ culms on

wet slowly dripping broad

dged to SW.

Lota Smilacina race oca folk.

These plants mostly @ top and

more @ base of thuya.

Col. 1 O base

Car

Eptalea - same

Asar radula

-gletum ssp. randii var. racemosa

Solada - col from dry ledge
to SW, in bud.

Hall Stream to SW

Some fl here.

Car

bromene

(V. C. bromene-type) - col

rocks just NE of major survey

running rocky stream. col.

Stream cuts thru slope then

Hardwoods / spruce / fir

Less steep - then all we've seen

so far today.

Mitchella
Brunnera very  

Xmas F.  

Lady F.  

Note: rhizomes uphill  

No ledge in sight Uphill  

Spruce-carried knob, just to N of lake, w/  

Henselina max.  

Polystichum broomii  

Athyrium filix-femina  

much Empetrum (polkita) species  

Eutula cedgata  - cinnamon-scented  

... bark, silky gray outer. Pix  

Epipactis  

Cadgera tess.  

Veratrum  

Carex foliata: stipata  

NY Fern.  

Gyneria sp. by stream  

Nedraka  

Carex Scabrata  

Sedge maral: - bottom  

Grumada clay  

We ended up going only to the wet ledges near the top of the SE knob on 'bend', then moving uphill S -wars - following the base of the ledges. My group never did go above this to the big, open, slanting, SE facing ledges that are so prominent from the campground / clearning (wood shed here)  

The 2nd group did go up after lunch + did encounter their hi, dry ledges but had few plants of note, so they were mostly trying to get to "the top".
7-28

I. New Mass. Audubon prop.
S of West St., Plainfield.

Enter via wdr. rd. off of West St.
c. 1/2 mi. N of powerline

A. Spruce grove S of trail/wood rd.
N of line, N of Deer Hill

R. Spruce
R. Maple

Lycop., annul., clav., obs.
Drap. interned.
Hoy salt, Interrupt., Conn.
Polytrichum moss
Amel. laevor
Cerey deluto ver.
Mancath.

Vac. lang.
Coptin
Stapf.
Nemo.

Plat. clav. FR + last FL in drying
Sphagnum 1 pt 3 of stone wall.

Nepenthes
Canis fulias, gymnetha
All in moist sphag.

Long Beach F., NY, Lady
Rubus hup.
Rudbecka
Glycere aca

Viburnum ass.
Actin cam.
Solid. s. my.
Una paler.
Clemat aca.
Y. Birch

Now No. 1 trail / wild. rd.

Trillium undit.
Rutshilla
Clintonia
Lycap. flaky, broad, surficial.

Cyp oscilla
Bryophyllum
B. Cherry
Brewer

W. Pine
Vib. cassen.

Royal F. - monl 59

MAWA, YBSK, CEUX, BOCH.

B. headwater bog, W. fork
Bartlett Brook

Chironeca
Aralia raceme - edge
Spined cat - outlet + con.

Cerax schina - stelicate w. long

beaks

Agrostis cala
Dulchnum

Ilex vert.
Rubus hup.

Cam. gymna, trisperma, folkt (et)
Hyper. ellipt, very, can.

Scopos. strome.

Fris vas.
Vas. maso.

Juncus (articul.)
Eriophyllum virginianum
Salix sp.
Vaccinium angustifolium
Marsh F.

* Amelanchier bartramiana? - 25+ plants, FR on edge and solita. Some 10+
  Corolle AT 1/4", but only 1-3 FR/inflo. Col. I think lower influence —
  * xintermedia? * x nevada?

Null. unif.
Drosera rot. - scape FR
Pogonopogon - scape A bit Fl.
Typha lat.
Nexia - dec.
Lonicera vaseyi - edge

Sorbus amni - 1 DBT color. Hвшей FR.
Few
Junniperus communis, depressa in sphagnum.

Bl. Spuce
Rheum rhaponticum
Scirpus inundatus
Bog form of Cinna. F.

Plat. clav. - sphen. beneath Amel. +
W. pine. Other in open - 40+
Equisetum arvense - E. sylv. subaur. N. end.
Asarum umbellatum
Epilobium palustre /-cool moosy edge.
Col. for B

Corylus cam. - scale
Vacc. ang. - not myrt.

Balsam Fir - edges
Tsuga -
Gray Birch -

Bear Scat - Pix Fisch!

Elaeagnus comm. - ex FR
Rhamnus frangula
Calamagrostis - an exilis 5x10'
Hamamelis - " " "

* Arcutelloium - on some BL
Sphagnum, protol 15 max. Not a
eye scale infection. Col.

bag is v open, dryish, w only several
channel-like and tiny wet depress.
No sedum
Chamaelaphne
Kaburia pot. ang
Andromeda
Sanseviera
bog sedges, even C. canescens!
Fait. rhiz.
Utricularia
Larch

C. Headwaters bog N A B.
1940
loads.
Oxalis acetosella - woods S t bog
Col. w/ Captis, dryish hummock slope
Lycop. lucid. + annut. Together
Same place.
Need see. alnus.

Now in flat; bog forest

Carya tigrina - locally
Kalmia lat. - plenty
Cam. F. Marsh
BL Spruce
Bals. fir.
Nemo
R. Maple
Chrypens
Chiantia
Azalea roseum

Vac. myrt.

Arm. hirs.? - 2 sm. plants
UG, swn col.
1 max. UG N end
Prob. X. intermediar. BAA 5/05
Vib. caslin. alnus.
Fuzzy Aria
Glycine mellifera, can.
Carpo bellinii, symm, linda
Aster acumin.
Plat. Clew.
Vice virex. W? Cl for a
Salve am.
Tsuga

GCI, SCU, RIM

Glycine meliic. — Leads open
Sphagnum w/ March F.

Verisum
Sera F.
Chloro
Lonicer can.
Dryopt. clav.

Quite nice, sap. N.W. Cor.
Roths shirbly the W Alvarez
Ivy

Plat, orbic. I past FL on
Dry bekkie mound beyond N end.

LOADS BLACK SUG. Money
Now going down along 5 side of
exit book

W. Ash
Sug. maple
Beech
I. Bush
C incassly deciduous

Som hit West St.


Epilidium angust. - Roadside
Bromus ciliatus. — , numerous
Thyme - do

* Equus varieg. - Most roadside
N of trail in to bog.
Clay, Clayey, becdscape
Latu, W/ E. aw, sorpsations.
Cottfoot, Tunne sff. Ca, conrider,
Aquatia stolar.
Black Bean - Crossed West St., in front of car shortly N of Cummington Town line.

7-29

E1T1W 1/4, Ed Taggart of Regional DPW and Joe Miano w/ Consultant group Deerfield R. Florida Bridge, Florida

#2 Site begins right where ledge begins on W side of rd. and ends where ledge ends. Few or no Dublin affected.

#4 Site has 20+ Dublin varieties. Consultant is very willing to transplant, but would have to subcontract to knowledgeable nursery man.

Rebuilding would call for riprap on gabions, from road right down to big boulders, 200 ft. downstream. Ca 1300 ft. north along Rio. Above road, the slope above the returning wall will be severely altered, graded back to a stable...
Ed feels that River Co. would be willing to have plants moved to elsewhere on their land.

I. Rocky banks of Deerfield R., Florida
   N of F. Bridge

- Alnus viridis - at least 50 plants are here W in area of proposed riprap. Ca 30% FR.

Also 10+ ever on Rowe side and C in chardonnet.

6+ more are on slope just beyond construction area. 5+ alluvial wet. None in flat "" replaced by A. rigida.

Elymus repens - uncommon in alluv. w/ Brassica maritima, Sugar Maple, Hamamelis, W. Ash, P.E.

Towana

H2O rose by 2-3' vertical -- let go by power co.

No Traction in this stretch, nor up on ledges E of RR

* There are also 10+ FR plants and others up atop the retaining wall, W side River Rd.

II. Steep bank S + SW of Beaver Is., Florida

Carex acetabula - #. Also on ledge E of RR, Rowe

Bank is not heavily wooded, has some ledge @ surface and also loose flattened schist from ledges X rd.

Sedeggy - presumably boggy

Carex scoparia + pulegium - both Owen's, Col. from where bedrock is 50 + ft.

Both brown 1 monospermous 4+ spreading scales, the other 4+ narrowly 4+ append "", open sum. Both lean over horizontally.
Amelanchier caudata - no
just odd leaves w/ broader
at.

Arbutus unedo - mega Ec
along River Rd. from the 700'
summit SW of Beaver Is. SW to
flatland & trib. creek.
4' + on north side, mostly
smallest and 50-80 Fr +, rel. few
down steep rise slope (v. shady);
40 big, robust, multi-stemmed plants
(all Fr) on burned step slope opp. río (E side
dfd).

Populus balsam - 1st tree on río side
1/8 way down, same slope from
from summit to río.

III. Try to find Canes backed
W of Soapstone Siding, Crowe
Sharp top peaks - just base of steep
cliffy ledges E side of río (NW 1/4 río)

Goshawk - clearly agitated by my
presence. Noise a somewhat ruffled
come; wooded quality. Brownish/tan?

trail goes up into this jumbled
region

Grade Impatiens (pl.)
Rubus str.,

Importa
Emp. rug.
Athyrium thal.
Plynumum cili.

Dryopteris gold. 

25 +. robust
W. Ash
Stg. Maple
Y. Birch
Hedera helix var.

Tinea
Sedum, flex.,
Adriennium, XMcc.
Dryopt, entered, may.

† Sphagnum pye. — Fertil fronds to
4" long! 75+ f robust

† Herb Roit.
Atalia race.
Actaea pachy.
Asarum
Atemum tra.
Caes plante.

† Panax q. — 1 FR
hard to canavan; plants overtopped
by other sps.

Crebbed to dry short. All cascades
are dry.

Shady + cool

Carya cordif.
Tilia - several

Vegan. Scroggets drier as per
spillly and less interesting

† Caes ballenge?
Scoopy gravelly old needled and also
natural adjacent with pie; alone
mouth of phem creek shown
on topo. Same " we stopped
Nancy's car at last year.

W. C. Scalbrade. C. pissa.
E. Vulp., C. atepata, C. pyrandia,
Impatiens cap. Corn. F. Hydro-
calyx ex. Caryacstri
Under Y. Bank, Bech, Bl. Bench

Elfin marga no. u. wet
Cl. Pix
I'm fairly satisfied w/ extremes,
but so many spikes are a bit
too fat-looking

12 plants, each w/ several calms FR

This is same area where I cold it
in '86.
IV.

Alnus incana - 20 FR plants on roadside ledge facing W, Zoar Rd. short N. Site 2,
Cheesman, couple more on W side of rd. Any down by rio? I think not.
W Betula limits, Kalmia lat., Tsuga, a
Under R Oak, beech, Cornus, O, R Maple

V.

Look for Alnus incana

Also dense shrub on each side of deep R, below #2
Power plant Buckland + Shelburne
Also 50+ on "side of rio above PP #2 = Alnus incana

GRASS Poa nemoralis - Col. from close to outlet chute Plant #2
Buckland
Eupatorium fist., - 50+ FL on sappy banks by road to PP #2

Alnus viridis - loose in peaty thicket W side of power canal

Bracken keeps it open
Rush Sphagnum
Equisetum

Securis polyphylla - meadows but cinnamon ephebea, not dk
6 cozy plants by a crocket, W side of power canal Buckland
Col.

Aster reticulatum Col. 6 plants FL on rocky boundary W side of river above PP #2, W!

Apium, stear.

No Alnus incana, but sappy banks along entrance road look ok.
FR? I don't see any obvious FR unless already it

*Elymus canad. N - big, glaucous, WI big inflo which drops. col. for 10. + under Populus etc.

Bromus? - col from along itsy trail, open FR was.

**Helianthus decum - Colloada a go - 5**
**Leersia rip**
**Valvula vitis**

**Zizania - Cts, both ends of the cut off marsh lagoon**

**Sag. rigida - loads in several patchie, including 1 where the Nuphar is. FL col.**

* Nuphar microphyllum - Col. from lge colony 300' LUS by Estone. Stigmate dark all dull red win now as FLs disintegrate.
II. **Denon Footprints**

w/ TTR personnel

**Cross Deschamps, cesp.** - S22 clumps lower edge of solid-plums site and cut onto lower club ledge. At least half of these are dead. flex, but not those farther into rio.

* Tricho UNITA broach. — pop @ Footprints ledge is gone this year. — only 8 plants, suffering from drought. Did not check RR pop.

Wolffia brasiliensis - col. from paddle in rox, edge of CT R.

* Solid plum - are clearly suffering due to drought; flowering in spite of slow growth and most plants yellowing. Pop numbers are OK.

IIII. **17T. Toby**

w/ Don Argue, Bill Peterson, Andy

Show'm Eosomthian prop (new)

Roaring BK is dry!

A. & Parax q. — same cut as 1982. Only 9 plants FR seen! Why none others?

B. & Asplen. nutae. - 5 end of 12/18. healthy, despite thought.

#5 about same as 81.

* Pellaea — do, but

Also here is Woodsia liter, Woodsia obt, Asp. trichomes, Polypody, Cystop. frag.

C. base of Roaring Mt. - Levett.

* Diplozium + Dryopt. gold. — doing fine despite dryness, which makes the tussock slopes brownish, rotten bare.

This is Levett, base of tuk".
IV. N. most ledge right by rti 47.
Sunderland. Look for Trichoma-
area.
No luck w/ gameto-phytes.
Col. 2 tiny mosses.

* Chenopodium giganteo-spermum --
col. from dry shelf under
an overhang.

* Paricaria pens -- # here,

need a drink!
7-31

I. M.T. Tom Range, Holyoke

A. Goat Peak

Muhlenbergia tenuif. slope below 'crapa', S E side of knob.

Vaccinium - SE side of summit 1 plant FR, N of E side S P. summit

Anemone flava, pedic. Acid up here; sug. maple only on talus

* Red Pine - 1. E side of knob S E  S P. Morseaud

Ptn. Maple

Canna rug. Poly. cil.

Herb Robt. - SE talus of summit

Bromus pub. PI like talus

Carex verticosa

Hieracium panic

Campanula dichotoma

* Leptodiza - Looks like intermed. to me. UC only mid talus, S side S P. summit - Others here & far.

Shape = Violacea, more open look to plant.

Aster divar. - fits here solid case.

5. junce, or argenta

Fires on this slope 1/3 in 679


Corydalis scep. - Shriveling, bowing Anemone long

No Trisetum, etc.

Chinker talus below trap ledge E side of summit

Bulliont on talus - few Prunus spinosa - Bumpie Upright ledge form - top of same ledge

Amel. stol. - do. IMM. Shoots W I leaf base W I edge teeth x sanguin.
B. round small SE of Reservoir on topo.

Flat. hookeri or orbic. - Very glossy. 1 leaf 4" x 5", other is 3 x 4". No FL stalk.
Unders. Tuya + Cinnamomum W in 10' of W side of creek shown on topo, only 50 m from Smith Ferry Rd. (5 side).

Vicia rot - late along emb.

C. Whiting Reach

Dull all the way up.
Dry, acid, low diversity

Vac. osten. - Late in summer woody.

W. trees on dry trap edge of swamp -
Araucaria
Pinus pum.
Hyper. gent.

Poa crisp.
Dentaria spic.
Andro. scop.
Leciaea intern.
Samb. O. Red O., 67. princip.
Amel. stolon.
Comandra
Solid biebro, mem.
Vacc. ang.
Sorbus am - late down on cliff, FR.

Apoxyum
Aster. litor.
P runia var.

A Red Pine - cliff and clin. on clin. above. 30' from W. Pk. N-ward, then 50' at N end & steep, ca 800-850' elev.

W. Buch. B.
Junip. virg. - cliff
Dinvillea
Callicraea scand. - below brows

Juniperus secunda - 1 plant edge of steep
WELL N of W. Pk.
Oxyopusus rec. - 1 plant FR by white-marked N-S trail, bushy small bush, slope just E of edge of scarp @ N and where many red pines are.

* Clematis occ - 6 FR 3 VG same place; W/ hemlock, R. Maple, R. C. B. Birch, Sorbus on Aquilegia ca 300-750'

* R. Pine here are 3 healthy, cover & take w/ litter. Several dead snags @ NV on.

* Solid squamosa - have seen fruit! basal rosettes, but few w/ seeds.

Pix of Desktop + Writing Pk.
from Rte 141 Easthampton

D. Quarry and stream near ski area - see bald 450' for correct directions

* Leaped/is a very nice - lots of open dry slope by entrance Rd, S end Little Ten.
W/ Aster Lewis
Sandstone, not trap.

Frittgatah dichot.

** Ericcia crith. - 100 + us in blue, on slope (E or NE) dh grey trap, (but not climber - forming)
E side of old quarry W/ Daucus

Gray Birch
Hyper. gent.
Aquilegine tinus - lots VG

* Polygala pty - #, Colechithodum Sigocarath? other
Polyg quick.
Polyg. canad.
Camphelium obtus
Parnassus tepary
Danthon, Spur
Achlamya procera
Aristida dichot.
Alnus rug. - several
Hieracium filiform.

Root plants of all spp. are curling, turning brown.

Cassia mut.
Andro scop.
Populus trem.
Leucoderrys var.
Lysim. quad.
Pyrenanth. mut.
Lechea villosa

Lycop. inundatum - Same slope but farther S and near base (streamlet forms at base)
Good sly clay

Gentiana crinita - do.
10 + VG

Cypres. string
Salix spp.
Holcus

Carex brittii, hirsuta. w/ U. long culms. Prunus. beach. 5 flat
on inner side. 2 vigorous plants.

quercus
Carex sectorella ? - Col. Few
Muhlenbergia gl. lso.

*Crotalaria sag. in 50+. edge / parking lot / FF

*Red Pine - can see several Litt. Ton. NW slope, upper

Above the sloping rock ledge and near its S end is a rocky, mossy stream, now dry.

Nice Ostrya - Acro sax. - Carya glabra slope flank. stream.
2 and SW L. Bray
loads Carex pus. Panulamum dubet.
Mitchella
Carex p. + X max F.

Hept. am.
Calamus circ.
Badly in need of $30.

Features obt.

Top of slope is small woodland pool in depression, now dry. Also a cascade ledge, dry. Former pool good for salamanders.

Above cascade ledge is more richly-hemmed, then rocky side full of sugar maple.

A conopholis - same side, going S on sugar maple or dogwood or W. Ash.

3 small clumps.

Stipa striata - Food on slope going S to a major creek.

Lovely cascading the creek bed. Now totally dry. This is the one on top of N end quarry.

Cardinal flower - 2 @ creek.

Trail (shown on top)

Follow trail shortly S to -

The Mt. Tom ski Co. keeps its equipment on the floor of quarry.

† where I was earlier is on the W side of the "gravel pit" on top.

Linum witt. - Thousands! on open slopes, W/N sides of quarry.

Col.:

‡‡ Ceroc glaucescens - 200+ plants FR plus many others US. Esp. old-meadow running E-W along N side of old quarry, W to the cascading creek bed. This road goes up to a catchment basin which funnels H2o over to ski slope.

Col. Float plants w/ dried brown FR, but some still green.

W/ weedy Linnum diligens.

Linum witt. Soliday growing, totally spiny, green.
Brookline Village
- NW N+ W side of quarry

Seems to be made of interest on inside walls of quarry

Collinsena - Creakside

* Ski Co. is expanding the former "gravel pit" into a parking lot (I guess). In doing so they have pushed loads of sand, gravel, boulders into the cascading stream pit as it makes its 90° bend. Gross violation of wetlands law.

Also - 6 this 90° bend 2 other creeks join:
1) short one w/ runoff from upper parking lot
2) longer one 11 to base of Little Hill and has flowing 120 snow.

Bed of this trib. is stained red- orange w/ iron oxide on surrounding
Prob. drains ski ops facilities

These all go due to Library on state land. Such activities should cease.