5-25-86

1. Gulf Beach SW of Heald Rd., Pepperell w/ Loma Lois

Ragged Robin - loads in field N of Heald St., Pepperell

Flowers:
- geranium
- Eriocampus
- statice
- peony
- yarrow
- woodbine
- rhubarb lat.
- Pathrud
- Hamamelis
- Dianthus

Cale Pine Beach - Tsuga - WY Birch
12 acid at Jettis Rd. end.

Wintergreen
- Amei - Laurie
Calla - brook -始建于床单
V. d. albiflora
V. d. veitchii
Clintonia
RSH-A - heard calling at
head / trail.

Now x over to W side of brook

Vib. acerif.
Phygelius purpureus
Carex l. lax.
Polygala pauciflora
Corylus
B. Buch
Carya glabra var.
Sugar Maple
Basswood
Hepatica
Umlenia perf.
Suddenly have lost V. d.
acutiflora
 crispa / Monandria, etc.

Viola pubescens
E. americana
F. geirangerica

P. henryi
X. macrorhiza

P. penax var. - base flower
slope - under W. Ash, Sugar
Maple, Rock, Basswood, W. Birch
Tree are tall and straight

No ground cover no shrubs -
just set, lumps of leaf litter

Easily 175-200 plants
prol. 70-80% in bud.

P. mag. wood F.
T. Pent.
Sweet Cicely
V. baldia
P. ternatum
A. pedata
P. brevifolia
C. pedunculata - chippy slope
Fragile fern on
and outcrop

Lithites
Fernwood
P.I.
Bistachium v/v
Cercop. dried - tall slope
Carya albiginea? - 1 good
size plant, brown chippy
slope. Col.
No! Just broad leaved beech
Said, Care.
Carya rosse'
Now below - eye high outcrop
which is clear to sun
Geranium roberti
Lady 5.
Impatiens sp. - she don't
know. FC Older
Polygomerum cucullatum - the one
on talus
Cernea alt.
Calycium triflorum
Sax v/va - base of ridge
Aspen: trichs -
Sambucus pub.
Sax. tway.
Antennaria myl. Pea Comp.
Asplen. petty trichum
Calamus pilosus
Carex engyra
Primus vir.
Poliypody
Epigaea - open bank

Lunch w/ Herbert C.

IT NOW N of Heald Pk., Gulf Rk
W slope of ridge w/ B. + C.
Birch, S. Maple, Beech, R. Maple
Tsuga
E. side: Tsuga, Y. Birch, R. Oak, Sycamore

Pine - about, by creek
F. meadow

* Lena s.s. she has blue spotted
Sale on their pug.

"Worcester" formation phyllite
Carbonaceous slate, Calcareous chesley metasedtstone
Misc. Field Study "Openfile" geol. map by
G. E. Robinson in Bedrock Sed. Map 7
Nevada R. Power Area ... CA 1977
Contact w/ Oxdale form.
Cephalophyllum - black talus, open
Expolsiting scree, st. shale Col.
Spinulose Wood F.
Arcturus - lots @ brook
Timber - by " + talus

Others = briefly outline.
Don't chew, the !

Y. patches of Hepatica
V. caesp., V. rot. - N of the 1st area
of ledge.
Pepperell Springs - water taken by Coca-Cola which owns Belmont Springs, N.H. Co. The bottle gets most of its H2O here now. All good seeps are covered & capped, covered with sand. No good for plants.

Stratiotopsis rosesh - 1 clump of spring, col. piece

Trullionus undul. - a few.

Olucoma - 5 or 6 brook where more seeps enter.

* Capoeta - sun clump, some place. Col. from good pop., downstream.

Lumina sanda.

* Carex praemina - moist mossy gravelly alluvial soil. @ brookside Col. # clumps of smallish plants, but # life once downstream.

Por alchoole? - col from moist sunny leaf litter of alluvial sheaf. # C. perennis, Athyrium thely, Picea

Carex pygmaea

Red Lady E.

Bunchly chlynum

Araldia Athyrium that.

Rubia pulcosoma

#2 RSHA ahead calls

M.?nula

Carex intestina

C. sp. secalis

Parnassia trilob.

Crissid Woodf., N.Y.

V. mice rich moist to wet alluvial flat. Carpeted by forms moss, sedges, grass, herbs.

V. & alpin.
Sanguinaria – gets by base of tatea, Shinyo, S Rd
Chesnut St
Vista惩罚 – gets, 1. conor, –
Tatea can. – with slope
Galium laciniatum
Ammore myri ？
Sambucus rac – roads on slopes, tatea, flota

Lycoris flos-cul
meadow off Longley St, Groton
Carly Sanguinaria – the broad-lin.
one along outcapped meadow SW & Martin Rd. 5/15, R.P.41,
Groton, Col.
Lodder Baswood along 200 rd.
W. sugar maple –

III. Martins Rd., Ellsworth Groton
1. Mertal. enter easily via SW side

Margaritacea – meat
* canes center – dominant on open
sphagnum mat, SW side /pond
Col.

Myrica gale – common as sheet peatment
Alnus ry.
P. Maple – creeping out
Birch, sumac
Rubus lagus
S. wig.
Larch - W, NW.  
Typha - flat - miasin  
Vaccinium macro  
Spiraea lat. -  tom.  
Clethra - dom. W1 the Carex  
Polygonia - old capsules, 1st buds  
Andromeda - FC Rare  

Very nice open, sedgey but sphagnum  
suppanted mat  

Chamaedaphne  
Unimogisema - US  
Sarracena - FL.  
Drosera int. - rot.  
BL. Spine - W, rare  
Peltandra  
Nymphaea, Nuphar  
Carex lasio - the narrow one  
1st FR  

Beaver trails  
Rhynehedelaria sp.  

A wet bog, fen-like.  
I did not poke into larch area  
due to H20 + spined Pix  

No Ericagnum.  
Few 9% cover of ericaceae spp.  

Connus stolon  - mont  
Equis. plur.  -  

IV. Wetlands + ridges E of  
Baldcote Pond, Criton  

Enter via 2nd dirt rd W of old  
Duntable Rd. - N 70 on topo  

Viola pedata - in dirt rd.  

Thuja - 30+ around island  
Sandell, NE shore, pond.  
Under W. Pine P. Roth, P. tetra,  
Suga. Trees to 40'  
Knoll has some Tilia, Acer sac  
Aquilegia  
but is mostly acid W. Pine  
Col. Turnip.  
Certainly planted! No recruitment
Oxyzois purpurea - noted @ S end of long siren E of outlet of pond, going N on this ridge:

Aquilegia
Ceanothus am.
Am. laevis

Brunnera viga
Eugenia - etc.
Has been logged in recent years
Eucalyptus base
\[\text{Mean Rest}\]

Carya, hickory, R. maple, Ilex

None of the wetlands E of pond are open enough for pot. fruit, and aren't.

**Pot. fruit** - 6 clumps

Under powerline N of
Tertcea Rd., NW of Radnor Rd., Col part of 1 plant

W.) Cercus frutescens

Tipuana
Spider oak
R. maple

Jasminum

\[\text{March F.}, \text{Ornitha}

\[\text{A. Aromia \ U. fuzzy + legends}
Panthea am.,
Verbena heat

Canescence

\[\text{Lythrum}

\[\text{C. viscosa}

\[\text{Glyceria pel.}

\[\text{Senecio aureus}

Nothing eerie about this place.

Gnome C old.

None, pot. fruit seen on line 5 of road.
5-26

Attleboro:
1. Rocky swampy woods SW of Metuchen Res.
2. Stellaria graminea - disturbed roadside

Rubus flag. - FL do
Violets - do. w/ Polystichum
Narcissus - floruit
Red pitcher - abundant in field
Baptisia

Agalinis paup. - damp spot in field
? Spath. Smooth Sumac - shouldy edge of field

Pov. honey
Clovers - it likes this

Cyp.askell - nice pop in moist soil under R. maple, weeping red w/ R. cedar, Lycop. ferns,

Vaccum Corymb. Ilex vert. Royal F.
Carpet sp. - Creemis rose

Statte
Carex lasio - the manowai in peaty wetland.

The C. "rostrata" here I believe is C. tectorum - L.S. not

A. coccinea peltata.

Asclepias pulchra

**Platanthera flava**
55 puleo vs. in 0 - 1/2" of water in fairly firm but
mucky soil under P. triloba,
Vib. redbay, Rosa pal., Cornus
amom, dead elm

w/ Arisaema, Bocconia, Carex
stilts non-tamely, Impatiens

L.S. pale green, w/ yellowish tone
shiny, T. pula to sharply acute.
Several w/ bases being formed but
in tight herd.

Col: 1

Water flows freely in a sheet here.

Toward the peaty mudland. Adjacent
(on w side) of low shrub and w/in

30' of 2 Red Ceder

Just 20' N of here is an
open stand 20 x 50', dom.
by Carex stricta, Amsinckia;
separated from old daisy spot by
thicket of Rosa pal., Spigena bar.
Arum ater (smooth + fuzzy emame
plant), Cornus race.

* Ca. 10 more P. flavo single-leaves

in the stand under these.
30 more (1-3 ws) to West of Cornus this.

Vernonia - sword + magenta

** Gentiana clausa** - clump of 5 vs

NW edge of stand, lots up along
edge + sky thru. Ca.
Plant - green. x clausa - party - man
handle just w/ w/ little stems.

Avceva (red cl) 3 AM 40 hrs

Lycoporus am.

Carex biflora

C. caseilena - same one as

Yesterday, no debris but w/10 swat

Premnatherum - qts
Vista camp.

* Erica perec. - frequent.

Cerax stigata

Cardamine perec.

**** Solid. flex. - 50' just below
the Caixa. ledge

Goodyera pub. - base of same edge

*** Pteris pub. - now 2-2.5' tall

Parthenocissus q. - has narrow

leaves

* Brachyhydrium - new plant, common

* Desmodium glut. - fresh green

ery. E slope talus. 3 plants

* A. mos. - 11/late Aneurinella

** Feature obtusa - Grass. col.

from rich area just northwest
the's late Aneurinella.

** Aristea quad. - same place. 2

1 w/ buds.

** Celestina acanthus - 6 small plants Q, base of SW Cauble ledge, at the mouth of the gap between the 2 ledges. W/ U. pentel.

** Polygonatum, Per. E. S. S. Maple seedly Caule. Come back for Col.

Deschampsia Poa comp - on this chappy ground

Eulampyrum on top - totally w/o teeth

Specularea - small #, N W side of main Cauble ledge

Sey, Maple has recently fallen from W part of same ledge, now exposing more rock.

** Conopholis - 1st fl today. 2 shots 1-2" tall. # other clump up 4". Pix @ 15

** Carex amphibia - rich black soil towards award.

** Ranunc - about 6 site by creek

** Grom-Rain - spread by breeze

** Asclepias exalt - rich thix by creek

** Glyceria striata - grass. Cut it soft much of stream banks. 1-3

** Spatulas per spike c. Just out of Reath now.

** Plat. flower - 25 more in midst of willow. - Common - V 4 thick.

** Ranunc. mix. - there must be 700 + plants at this E Q area.
main creek just W of the road
When I had P.J. previously
Thus, the sour and other yrs
of P.J. are just W or SW of
the main creek.

After prince - several - in seep
sward & N
Flushed RUCR from brook of tiny
chick, edge creek

Polygonum sag, - seepy soft
sward dom., by America,
Impatiens, Symph.

Vida pulp, - rich lower spot
between creeks, W V., Sept.
Cranium, Euloria, Dogwood,
*Bunch \*Vejig, *Spy, *Maple,
*Semi unve. mail, *Actaea pachy,
2 Lady F. Wh. Ash, NY F.
Capsules are glabrous. Coes

** Festuca detutra - grass Same as L
Col. & Annuals, also place. Ren
mature here, inflorescence over
but not spreading much, live
dish out & down.

** Broad Reach Farm -
"Downstream" - just follow
flow of the creek towards
eastern creek
Under Basswood Tape
200+ Col.

** Adiantum - same place
25 fronds Col.
By fox.

Smiled on. - lake
After chin - leads today
Calcium triploium - rich black
soil of creek floodplain
Hydrocotyle am - cook
Panurus, rega
Glycine striata  
Lots of the little creek grass  
I cold earlier in the other  
creek ("main creek"). I'm  
now at the "main creek"  
these rich alluvial areas  
here: Baccharis, Rhamnus cath.,  
R Maple, Carpinus, Sig. maple,  
Conus, etc., V.8/18,  
Geireman, Pot. simplex,  
Fagellus, Carex rosea type,  
C. gracilcosa (reddish wo soil), Pupurita  
C. flexuosa, Senecio aquifolium, Smilacina  
ace, Symphoi, Oranese, V.  
Ranunculus, G. Ash, P.T.  
Cimna, Reiemne, Elen, Caleum  
Sp., Aconitum, Liliunsp., R. Bic. Q. Alba,  
Chelone  

**Plant flora** - 28 plants in  
water,  
Braided area E Ed main channel  
Ledge off to E,  
100 + more in the braided area  
up/tm stream  

**Carex spathata** - some area  
base of elm W lots Senecin  

Vib. Pentago - E side  
Thax  
Leaves  
SIZE, broad, sepals=ltenary  
to moderately  
Semenia sile.  
Carex Blenda - moist to wet  
borders  
Smilax ret. P.T.  

*Frax. migrax* - narrow leaves,  
7 per leaf - upstream, etc.  
W edge, col.  
? just Vancor - E. F. arm.  

Anserina *epiphsade*  
start, along W edge, upstream  
from high ledge. 25+ plants  
Vs. col.  

much 4+ emeritae from  
spring 0 base of low ledge  
I walked just about to headwater  
stirrumb surrounded by moist  
leaf litter  

**R. Red Carex amphipod at headwater**
Hieracium ven. - E side dry mossy - uphill W slope of the big ledge Ed E Creek

Pteronyctchis cornic. - same place. Son. color under a hickey.


No luck finding Oxalis pedic. We did not find any obviously good habitat - too acid or too much understory or both. Some of SSW slope were more open but few O. v. associators were there.
Lunch w/ Dick Rosetin, Dick Watson.

Selene Caroliniana —

S. facing sandy beach of 117, E part of Sudbury. Mostly in open waste but smaller clumps also under shrubs, as pine w/ blueberry. Canoe pine, H. Canadian, bearberry, huckleberry, etc. but very few w/ disturbance areas and former house site.

At the mile 24 signpost.

Cedar - maple swamp mix.

Site 117 and Old Melborne Rd., Sudbury.

We entered via new dew, Silk Rd.

Choke cyp. - dom.

Larch - 1 tall spindly one

Vaccinum spp.

R. Maple seed. - loads

P. Maple.

Y. Birch

Starflower

Coptis

Cals. - loads in edges, pods. FL

Clethra

Sasanqua

Scsamy leaf - cedar knob.

Rhode - Visc.

Cime F.

Firch. F.

Syzygium

Vaccinium-F.

Caress Trysparea

White pine

Nyssa
Tahquitz,
Dangrelberry lote
Leatherleaf Col. #2

I am deaf, quite hairy, but
his eye, broad, glassy
below

BLK Spruce - 1' seedlings,
about 10 on 1 bundle w/
Wb. Print.
#1 tree 12' elsewhere
Nemo

Largest Living cedar = 2 toes
Length minus 4" C.B.H.

Largest dead = 2 toes
2 toes + 2" = 3

Tsuga - 1 p.m. one
6-29

Capepse Lane, - rocks in median, 975 slightly S
of site 109. S of Medway Town Line and S of
Mildford Town Line. Full Fl.
Also litter on 495 in Mansfield.

Sold: cove.
Carya
Tilia
Osmorhiza
Carex laxiflora
P.I.

LA. Waterthrice

Xmas F., Fragile F. (some just on
the slope)
R. oak

* Ribes am. Col. from rocky
slope. Only 1 smallish plant
found today.

I. Cascade, Tivnuch, Worcester.
Col.

* Laportea - G main Cascade x Censtat St.
* Caulophyllum Tom Col.
Vegeta pens., Capsule smooth, 3+ in.
Erigon phil.
Allaria - roadside

* Carex sparganiodes - roadside, main, Fl. Col.

Aven sacch.
Asim divar.
Impatiens

Speckush - lots
Carpinus

eyg. F.
Feastica obt. - col. for 10 Y
NY F.

Brachycltium - short, Ramirez like leaves, aura. No. Fl.

Mertensia poly. - meadowspika by brooks
Senna sp. + altas

Simicina rose

Vitis, acrop
Sedges

Solidago arguta or possibly squamosa -- ey. serate broad

Interrupted F.

Portulaca
Sanicula main.

Aster quad.

Crepis loganum

Daithria camp.

Aster acer.

Lysennia Cili - brook

Cheere - brook

Bl. Birch.

* Alcium tri. - near bottom
N of Cascade, 1000. Ca.

Actaea pachy - do
Lady F.

gete drin, seiden A. / Nore 3

Juch - in sulcit

Ramirez, albita

Epigacte - 1, bud

Swampy area above filled w/ p. rose, Y Birch, Etna. F., R.I.,

Lindera, rox, Thaleit. poly.

Rubus pules

Veratrum

Carex brom. - follics

Stephicus resuine - undistry -

Trillium cunctums - do. 3 FR

Trillium cunctums - do. 3 FR

Twin Col. both

Sluggly camp + glabra type

ovata
Viola rotund - eye patch
Wt. alpine - man wetland open
calla - edge / open wetland
Wt. Birch
Ptoeswood
Wt. Ash
Broadleaf - lots

Clintonia
Aquilegia - swamp edge
Cardophyllum
Wide mullish soil edges

Now in Holden
Carex Sable - from col.

Redwings ash.
Arctium thistle - do.
Sequoia sequoia
Clitha
Klymsa - sited, run, late mostly on south slopes

Sedum - hard the crack
a bit up slope in Holden
Cardophyllum - do. lots
Trillium erect - "

Broad Beech Fern

Festiva
obt. - same as col. drown
below. Droopy arching
Gaultheria - Kelmea zone
Trail runs along lower slope

Atlantia - Glechoma - Lirina
menovci - Pentanoseon
BL locust - Euphorb - cup Chelidonium
in dryish disturbed area.
Trail eventually cuts S across outlet
swamp (above the cascade), ending up @
cataract

II. Foster Rd., Holden, by reservoir

Rhode: wax - several age
plants along road, E side
Holden Reservoir #2
WJ day lily, Philadelphia Pl,
Oak, Barberry, stone walls

We did not pursue further
and concern that the 1967 record
up the same road was adventure.
I went to Kimberley Clark Fen
W. R. Nickel

Grew - cd from edge. Ammophillus V

Carex gracilis - (praeclamagrapa)
Brown pinguin. Carex -
Col from fen
Sanquisora? - cd from distincted edge = S. minor

II. Steep mull soil + rock edge slope
in W side 18°F, Stowbridge

- Bukhylletheym - dominant
  * C. grandiflora - abundant cd
    V. nica plants mostly, 300+
  Carex paludosa

- Shovyuch - 1 Veg
  Adventu
  Bulbifer
  Tulip tree
  Thalictrum disc
  Ginger
  S. Maple
  Hemlock, R. Oak, Carya sp., Birch
  Samarae minor
  Actaea rub. + pech
  Plat + hyperborea woods race
  Hepatica am
  Ecp. (pulp)
  Solid. cavia
  V. am. Ft
  Carex paludosa
  Dica
  Tulipire cord
  * Cyp. caldeoew van. pulp
    5 plots, 21 Fx, 0 FR

- Erigeron pulch
  Achimena Tri
  Betula ory
  Primulae alba
  Vicia consp. pulp
  Onagropsis race
  Hamamelis
* Panax q. – 6 plants
  ref: Noted to die; fallen tree at
  base. Anteema and small
  lime outcrop, near top of hill.
* Quercus alba – yellow fibs. 1 plant
  same place.

Euc. rug.

Dogwood – alk.
   Cimicifuga quita.
   Festuca obs.
   Atrorhiza nut.
   Osmanthus
   Prunus fr.
   Astor diver.
   Hysphix
   Aralia camal. – Can. Al.
   Schisandra
   Corylopsis asper
   Carex pedunc.

Rock quarried from couple spots.

* Carex aquatilis (genista group)
  from atop outcrop w/ hummocks
  w/ fine S. maple, Amel antebrae
  in tuff. Cl. Sander
  Basswood – mr. base

* White Walnut – Mr. base 1
  This place is just downstream around
  bend below an old stone
  power bldg.

Rubus odor – roadside
   Arctostaphylos – 1 loc.

Echium – edible nipsap by rd.

Poth 1/2 wvk. – 2 near rd.

IV Bake just N of Blundelle Rd

Carex amplifolia – roadside

Calostyphus – do.

Stone rock
Kryptophras
Dry top, quake
Triosteum

Deamothorn glut.
   Atrorhiza nut.
Cryptor. ledge, W. Stockton.

On the spot.

Cryptor. - same looks of 1939, smaller to immature than in 84.

Hydrastis - 9 V.G. and 1 FR, near bottom of slope.
Below Cryptor. + 150' rocks.
W. Calochelus, U. perfol, Arisaema trilobale.
H. Bulbifer, More F., Thalictr. dioica, S. Tulip.

Pix, Tulip.

C. dawneyae - much on lower slope + rocky flat past.

Cardamine fauceta + patchy

Herb. Robt.

Lots of Ultra
Adiantum
Ebony spleen
Trisetum canescens 1 ft. tall to 1/2" wide. 12 col.

Cup. rugosum
Circaea spadix
Bulbifer fronds
Caes. trifol
Arisaema tri
Rheum am.
O. am.
Fras. am.
H. am.

Heuchera occ.
M. linden. ssp. linden.
Aquilegia
Gent. canad.
Bulb. pap.
Basswood
Cap. rosea
Orzyopsis pea
Wh. Conch

Anemone v. fruticosa crust.
We traversed the mult-slope at levels of 1/3 and 2/3 way up.

Old woods N of passing north by hydrant, goes S + N directly to old house site by Glenaslie Rd.

Drosera glut
Heald Path
* Cyp, cale per pal. -
6, all badly browsed

Thalictrum, dossie
Festuca obt.
Perennia

Nice vert, ledges along

Impatiens pall.

New, maple + roosewood

Rosette on rock outcrop, base of main ledge - dark above but rather shiny, paler + dullish below. Up surface w/ tiny print, w/ thall bumps - Col 1 ft.

=Arabis laeviseta
Polygemma Climode allan

Only rock tape on vert, faces ledges dull, dry.

Som buns pal.
Panicum lat. 
Sanquinaria 
Carex debilis 
Asminaria gray.

Area looks much better than it is.

Hydropityum ving. 
* Arabis lasiata - col from rock

Walking Fern 
Botriochilum ving 
Lepota.

Rustulate, rosette-forming plant 
Col. - 20+ on rock outcrops 
West Arabis landa. 
Tops of ledges - and, Kalmia, 
Wh. Pine, Robb, Tuga, Ash, Loc. 

U. perfoliata 
V. corymbosa 
* Viola Canad. 
Osmorhiza clay.

VI. Rockdale Res. 
E 17 old cen, just N of 
jet. Glendale Rd. X 41

* Valea - cobble right behind cen 
Solid, flag, 
* Vulpia grama 75-100

Viola canad. 
Hystrich 
Allium tric. - grade entering crop 
Carex pedunc. 
Hepatica acut. 
Cranus alt. + rug. 
Oryephys race - common, roots 2

Brigan puch 
Thalict broch 
Arabia - samens present.
Sanicula rev.  
Colchicum  
Pedicularis eem,  
Bromus pubes,  
* Heliotrope,  
Hydro, vey.  
* Oddes E, - 200+ most of the way up  

* Aven nigirum - Blochy shape, less pointy stalks, very heavy beneath, clumped S.

Aven L. - A.  
Bulbifl F. - Loves on rocky slope of gulf.  
Big Caulophyly  
Artemisia  
Potato  
* Diapognum - bottom  

2-01

1. Wild Acres Park, Pittsfield
   w/ Calvin & P. Weatherbee

- Scirpus lenticus (=pendulus)
  W edge of artificial pond, w

- S. acutus

5. C. expansa

   Cav x vulp / amm. - eta
   on broad moist w margin
   Specia sub - scne
   C. flava - "tang wet eat".
   C. laevigata - ""
   Solid. petula & "Sandpiper"
   Rhamnus alnif. ""
   Cornus - yuk
   C. heterocarpa

* E. lechanea (stat) - moist mont. margin + shore, loose
  Jumia (dudley) - do
  C. granulatus - along 2th fret
  to S.

* C. pendula - do. Col.

100+
land - do
Pot. fruit - do
* Solenostephanus - do

Salsola sericea - do + lucida
C. flavus - do, later
C. ramosa - do
C. interior - do
C. aurea - do
Scirpus validus - do
C. cornea - do
Sanicula - massy grassy
- log in H2O
- droved - not

C. setosa - N of the 2nd
- inlet. Imm Col. 2 clumps by
- mistake, now can't find mother
- plant. Can't move section of trail, 
- but towards pond from trail
- C. setosa's another plant & ward
- "definitely at an edge, not with open

Potamogoton hillii - col from 
muddy shallow delta.

Vib. tubulosa - this
Carex stricta - late September

Carex sayi m. wetland to W
- between runway areas,
- is all shrubs
- E Side:

Carex stricta - Cork oak hay
- lots on moist shallow depression
- on pond shelf, not at all clump
- forming; short, dm. thin, spodic
- Col. Scale < perigynia

Pot. palustre - same
- rossy
C. diandra - do
C. rostrata - do

Lysimachia thyrs - do
- March fern
- Potentilla
- Andromeda - 1 eye bush on
- stump @ inlet
Equisetum fluviatile
C. lanceolatus (the broad one)
C. sanctissima
C. altandra

Rhamnus frangula - 60!
Taxus
Schizachyrium - wooded edge w/ C. pedunc. E side.

Waldsteinia - wooded NW bank of the dead beaver pond, S of Wild Acres pond.

III. Mud Pond, W Sede

Potamogeton - Col. 2 spp from N end and outlet - 1 slender, other w/ 1/8-1/4" wide leaf.

= hillii (? pectinatus (sedges)

Najas flexilis - same Col.

Vib. tuberosa - lutea

Lonicera di.
Rubus pub.
Rhamnus alnif.
Rhamnus cath. = ssp. frag. 
C. florid. "quadr."

Many Funky regen. Rhamnus
Smilacina stell.
Bl. Ash
Ceanothus

Beaten -- we left after 1/2 hr.

C. lanceolata = the wide one
H2O deeper than last year --
Salix lab. much reduced
cause fewer stems, etc., to push
on. Beaver activity in vicinity
responsible.

Rex pulvinaria = later

III. Fairfield Brook x Swamp Rd., Richmond
* Carex aquatilis -- Grade here,
especially W. of road culvert.
Col. several culms + live.
Many FR already
C. praecox = numerous; many
FR already kr.
C. diandra = 1 patch seen

IV. Pond on Furnace Rd., Richmond

* Assc. w/ old iron works --
man made.

* Equis. varieg.
Grade NE banks of lake +
allowed inlet

* Spergularia lucida = 9
PT. fruit - loads m sap.

Stony slope above Rt.

w/ solid pat. Carex cryptor. C. graminace.

Juniper strd.

Carex cryptor. w/ Equis. vary.

on pond sorh col.

Lithospermum officinale - col

from old rd.

Lime Hill, West Stockbr.

Carex Lepu. Wm. River meadows

along RR

Lilium canad. - yellow to deep

orange - Cto.

Anglicica atra.

Carex smpth. - w/ brown album.

C. Saccharina

Rhodanis.

Beaver activity in river

Salix candida

* Eulalia cili. - not as many as

previously, but early in

FL period.

Sam say there's some more

along trail down near

2nd quarry.

50 ft. in old RR bed, as before in '83

or '84. FL well here -1-2

layers.
Triosteum
C. cymosa
C. duryana
Oryzopsis racemosa

Cyperus calycus v. pubescent
C. wodyi FR

Calcarea trifida
Teucrium
Hydrophyllus viscidus
Epigaea repens
Hedysarea

2 Actaea
Cimicifuga
Cryptotislea
Viola rotundifolia
Cerastium

10+ plants FR, whole X
Tolda in W. S. Sout of entrance
way to quarry

Cerastium chamaeleon
Cerastium cuneatis
bottom of quarry w/ hot fruit

Lithospermum
Solidago
Eriogonum

Lilium canadense

C. calycus v. pubescent
Oryzopsis esculenta
C. folios. - swamp @ WLace
solid petiole
Sassa Fi
Royal
C. Sturtev. "
Gallium (obsturum) " leads FL
Sphecis sat
Phalaris "
Equisetum fluvi. "
C. camosa "
Scipus astro-cinst
Iris vers.
Ludwigia pal.
Asclepias incarnata
C. Eau Claire
Open sedgey marsh ground in.
Triandum (or) Scutellaria
Rehmea
Lysamandra ten.
Vib. lentago
Senecio aureus
Viola pub."
Fragaria vesca - cd. from rock ledge (undred)
* Ranunculus long. - the patch in 196 here, 1st end nickel outlier

Calamia spuit. - few uk by rock, rich coke like area, SW side of outcrops, W of Kinde
* Achillea - 30 culms do.
W of Anthrhopit, knees, 
Calyx peduncle, tepals, and, rocks.
Culms only up to 3' tall or 3.5

Ciminaria - 5 of the

Sarracenia - cf. pol. - several on slope just W of emergency
Mus. Carex decumbens here today
I. *Selvia trigonenta* -
Still found 7-01 by Tom R.
Hill Ed. Ferndale, Northbridge

Walk up from Quaker St. opp.
Weird house w/ tunnel. Go up
Supy trickle then to flat area
Then up moist/wet shrubly
cut “path” w/ rank growth of huckle

Total of 8 shoots FF belonging to
Ca. 3-4 plants. No age clumps
or basal leaves. Pix

See note below.

With *Solidago rugosa, Scorpus*
*Eucalyptus, Hamamelis, Populus trem.
* Saplings. No canopy cover there. But
Close by in oaks, chestnut, etc. Recent from
burning & cutting. Some Hypoxis punct.
Other Suppy places near road-town
(wheat to 5) had *Juncus eff., some loco.*

*Compsera* FR. *Pin cherry*

Cane and vine

II. Shining Rock, a conservation
area in Northbridge

Open, smoothish rolling granite
ledges w/ thin soil on top w/
Ficus angustifolia, P. strobus, Q. shag.
*Sechiumedia, Sanellia, Gaylussacia*
*bark, Vaccinium 2 spp., Pinus deppey.
Rather depauperate flora, even
for this hile. Some *Compsera*
Pix

*S. glauca* - col. from oak
hickory - W. fine pol. @ base of ledges.
Frequent here.

Suppy soil along trails + in det.
Regen field have *Hypoxis,*
*Dicentra**, *Hypoxis punct.*
*Platanthera psycoda, grande, buds,*
*Juncus eff.,* *Cane sp., Apios*!
III. Rich tree above Blackstone R., near sm. creek SW of Aquar 52. N'bridge

U. Shady river wth mull sed, Pharoco with.

Circula gland - lot.

Impatien cap - .

Carex albottata - lot, col.

Smallish epalpe (FR) ft tall plants

Coyium circ.

Tack n. Pulpit

Sambucus can.

P. I. - lot.

Cryptotaenia - 50+ col.

Hackelia am. - 15+ col.

Just 10.

Lyciinachia nummularia

dichoma

Ash, Shagbark H.

Bohmiera

Pilea pumila

Chusa

Fragila Fern - ran
7-06

Cynodonidae w/ Mage

Cynodonum — FRon Robinson
lane, Norto — roadside

Eleocharis smalli — tall plants
FL on shore of N. Bowrin
Col.

Piper calvus — White FL plants w/
normal, cut off part
W of 140.

Spincola — lots, same cutoff

Lemna minor —

Wolphia
eclongate, double

Myriophyllum, heter.

Purple loose

Asclepias pulch. + SRC.

Najas Cenophylleum — Col.
dimenum

Nuphea

Nymphaca

Hyacinth

Rosa pal.

Cornus amom FL. lots

Solanum dule

Typha lat.

Impatiens

Pennisetum clust.

Pet compr.

Cicuta mac.

RB Gull

Festuca pratensis — leads down
140, dry roadside

Scirialata — Age FL

Beckenia

Iris vers.

Polygonum — w/thick

point, short white rhyin.
prb., hydropiperide

Celtisas orb.

Typha ang. — colony just
out of deep water

than lat., same w/

cut off.
Danthonia compressa - Reservoir Rd.

* Heracleum max. - Rte. Rd.
  Colony of 50+ plants
  FR

7-08

w/ Annie, R. LeB.,
Tom Mullin 4/30/79

In Aunt Patty's land, Dennis w/ Tom Mullin

* D. wrightianum - Loads
  Left upper mid exposed sandy margin
  Margin is up to 15 wide FR.

* Lactuca pr. - Loads, do.
  Many - All along
  Diverse, Int - Loads

* D. fil. - Late.

Dichanthemum, Pteridium
D. canina 7

Carex sibirica scap. (Ovala)

* Rhamnus croceus - Loads

* Salvia K. - Some FL

Vicia Gale
Hyper. canad.

Sisyrinchium albidum
Agrostis scabra - Loads
Sparagumum am. - col. fl.
J. sphaera, eule
Juncus mil FL
J. canad.

J. bifl. a few nodules, developing tus + shoots.

J. greeneii

E. leechi mel. - 2 ft hansonii

E. robbins.
Cyperus dent.
Ambropegon
Tristachium - Cota
Amorpha canescens
Lystraidea ternata
Sphagnum
Gratola
W. purp. some FL
Pot, chales.
Bazzania

I. Keesler Rd. Brewster

Nymphaea
Pitch Pine - Vaccini. stro. Smilax
P. - Lewistia
R. macro. - late developing
Lycopodium - Belden

Water level so low or lower than 1982 Sept.	- 1 sandy margin recently exposed at water's edge.

Physcia mar. - no sign
II - Sol's (=Sellers) Pond, Brewster

** J. inflata - no sign

** J. pensylvanicum - emergent + w/ flowers forming

** Rhexia m. - pop appears healthy

* Limonium striatum - lots, N. Shore

* Drosera filiformis - do, E. Shore

* Sag tenua
Festuca pretsea - common beard-sedge plant Brewster +
Dennis 0 ft 495 5 to 12'6"o's" - March

Jason - 176 6 7'10" with +
Dennis
7-09
W. Carr, C., Mary Beth Saynes

J. CXP Bags, Charge Pond Rd.

Pat Dennis Cannedy, foreman

Joe Seierszka

Triadenum
Pitch Pine + Grey Birch + Scrub O.

D. whr. in muddy pond edge

Rubus dist. Map.

Atroica mel.

Leather Leaf

Nymphaea Fl

U. vulg FL

Spindera Tor.

Marsh F.

Gay Exp. Pileatum

Asclepias pulita

Eleuch. canad.

Bassens FL

Calam. can. - Col. for 1D

Sag. lat.

Plat. Eleaph. - mostly upper sandy

border
Vicia palastra - lots on
Harry's Knoll and N-west
Helenium ven. - lots

Juniperus harry - planted as
is bald cypress, swamp

Polygala caerulea
Bag clintonia - adpressum
Basion - here & thin around
most ponds
Celospegia - edge of 2000 pallet
N. FL

Pitcher Plant - do. ~15 pints
Ph. Myrica gallic

Krigia - dry ditches
Catawba

Ludwigia pal. - pond edge of
where steps used to be

Juniperus mac. - do. lots
Lindernia aragel - do
Sag. engel. - "
Juniperus pell. - "

The steep area in new even
more restricted - the complete
& area is cut off now fell

* Drosera f. - 4 fl along
bank & ditch on W side of meadow
(1976) One bog
E. Rich for photo specimen


I. unica dichot. - moist areas
Elsich acie.

My old Rhodora site is gone too

Chrysopsis - 1st Fl
Salix tetrac. -
Amelanchier
Calepogeon - 10th FL in swale

N of day care center

II. Crema site, Wareham;
Fly, town line

*Crema - abundant in hollow
E of old dump. Col. from a hollow.
Fire went thru area 5 of road? -- fires all dead.
But no fire chroning nor noon

*fire in moth in cooper barrel
all ptthruco. Crema common
here. PIR

The scab inze three hollows -
front action?
III. Bartlett Pk, SE Wash.

Carex spuria
Gratiola

Vida Lane:
Nymphoides - common, FL

Juncus, g., j.
J mil.
J. genet

Fringed

Bassiana
Cecropia

Biden

Caryx scop.? - ovals

Scirpus cyper.

Rhyhcho cap.

Sag. engel.

R. Iris

Lysim. tour.

Panicum spectr.

* Subutia - ca. 50+ small patches
15 FL statutory, none quite
yet in FL

Cladium

Triadenum

Lycoporus bin.
IV  Sand Pond, Wash.  
      Town H2O Supply for Green
      H2O regulated -- low spec.
      diversity

P1CR - 2 calling all the time

Solid. ten. - Books, dense tall
Juncus pelt. -- 20
Drus. int. -- 60
Cranberry
Viola minor
Aquatic scrub
Lyssy ten.
Gotaia

Sedere int.

Myrica humil.  
Vaccin men.
Minot Conservancy, March

Dentonia campestris - few
Quercus prinoides common as small plants.

Agelasia - lots of plants in the shrubbery by log Col.
Pyramisetum, mut. - #a Col
Leptedya virginica - b+ v6

Sorbus scopulorum

Balsam-piturs var. patens
Sulphur plume - monon tiny fls. veta

Ceanothus am. - lots of buds + fl. branches - col.

Stachyum - col. pice. 8-10" tall

1 mm Bolepia sparsa - wavy edge, pinked
Oxyce daisy - #
10 July 1986

Ceanothus Route 495
1 mile S 1A, Westham

VI. Agamon River, E. West.
Pix of Sag. subulata - very large pop. No EF col.

Isoetes sp. - same place. No mature spores.

? Cardamine pusilla - same. Leaves present. Pedicels short but some not so in longii. Siliqueae all < 15 mm, most < 10 mm.

This collection was ann. later as C. longii by T. Wiedoldt.

I. Adhemara site, W/ Bob Ruhfel
Sundland town water tank.

★ 5 FL 18 UC-
Pix, Col. - piece w/ FL

★ Pimenta - col from same
pix

Dryopteris lance - numerous
pix

Circaea O. - lots
Solid flex
Eup. rug
Geum canad
Campanula rot.

**Alchemilla** ca. 25-50 tall, yellow.
elv. on previous page, but 200 m to N - same Eo.

2 turning plants FL
Here one can hear brook, which
is own lift down short steep slope.

Low ledge right, N of **Alchemilla**
1/4 day, hemlock, bare

W Sphacia Tr., *Lonicera* (Sp.),

**Alchemilla** VG.

---

**Scutaria** - Middle Stn.
Road where on wooden
bridge crosses gurgling stream
and where woods end, goes off
to W over rock slab.
Col. Pix-
W Collemenum, *Lindera*
Common are a sedgey trail just uphill

by brook is *Calamagrostis*
*, *Gymnander*, *Lyssim*. Etc.
Sedge, Seneca areas

Old curveway rd. goes E x brook

rich pitch w/

*Feutica* oblit.

*Veronica* sp.

*Adiantum* - lota

*Vicia pulso, cony*

*Bistort*, *viola*

*Amphicarpa*

*Equisetum pulch. + phil*

*Carex pedunc - up slope 25*

elev. road
Broad Beach F, -lot
Codium coel.-
Aestuarium
Duria - rare
Fingang, Pen., X102.
Cup. pulchraceae - 1 sm., vo

Circula alpina - messy sep
Rubus pub.
Montellia di
Ranunculaceae

Cryptoptaemia - # @ up along
the above mentioned brook.
Lots uphill along road + stream

Cerox passica - up seeps
with creeks

Poa angusta - col. from
colony @ virg. hillock site
N of Mid Main Rd.

Easily 200, FR culms, most
FR. Also 20 short,
Fr. green, RR plants from
same plant base as then

w/ Some Hepatica and Hyacinum
puncta

Ceanothus - pitch along 10.

Asclepias quad - @ same
recent clearing

Parthenium
Pyrola verna - several along
connection trail to S. Mt. Rd.
Open forest of Forsythia +
White Pine
J. 11

I. Lawrence Swamp, Amherst, Mass.
Amherst
Hatch - Ceci

Entire via Orchard Road
Egg Meadow, Law. Surv. Con. Area
The Kestrel Trust

Regen. Stuff passed, then
yet some mix ofendid + mirror
stuff than R. Apple - W. Ash -
Shag Hickory
Trail goes + N S

Amphicarpa
Corn F., NY, x Med., Hay scent, Sour

Veratrum
Symplec.
Anisoma + stimuks / tr. ver.

V. C. Parma
Cascara q. - Cent.

Turkheim erect.
Grum. can.
P.E. - G.G.
Persimmon tree
Cedar, linden
C., guarumii
C., felleri, intumesc.- single
Parthenocarya
Asclepias exalt.
Wh. pine

* Lygodium - along main trail
as it goes SW-NE thru
drier area, E.F. wood bridge
Under Wh. pine, W.H. Oak, R. maple
R. oak, B.L. oak,
Definitely drier w/ trail, but also some
silt up to 30m N + NW on dry micro
Cliffs only & 2'.
Lumina droec. - same as spot
Vib. Bsub., acer, + acef

Vaccin. pone
Cwm @
Pitcherella
Yeopod. obs
Rhamn. any
Rubus frug.
Pteranth.

Carya pere.
Umbrina sess.
Rubesca

Lumina BLK Cherry
Starflower
Carya delby
Aralia nud

Smilacana rac
Lygod. donat. like dense Ann. F.
100 + plants, >50% Fl

Litium can.
Veratrum
Fern - @ Lygod. site +
B. glycyphyllum
Lumina di.: - common
Aralia rub.
Corylus
Ly sim., osh.
Galium tri.
Vicia conf.
Camna rac.
alt.
Polyg. pub.
Ly cepo. lucid. + clary.
Polygala "punc.<n
Wm. Beach<
C., "<

Uvularia pfd. - in acid<br>solid case.<br>

Tsuga<br>Aster macro.<br>Royal F.<br>Glycine ste<.r.<br>Sambucus can.<br>
Trillium can. - 20 spots, 2 ft. from trail<br>
Impatiens<br>Aster panicul<.e.<br>

Chlorine<br>Apis.<br>

Now 2 permanent streams w/ sandy bottom; wood bridge; trail going E.<br>

Thalictrum poly. - marsh, N of<br>Eup. perf. 1 mar.c. mown area.<br>

Typha lat.<br>Phalaris<br>Alnus rug. + ser.<br>
Salix<br>Caltha pal. - checkin. major creek<br>still marsh. Critter (Hop Bk.)

Asclepias fulicip.<br>Bharrania frang.<br>Caulx stricta<br>Scopulus cyp.<br>Solid rug.<br>Centa bubl.<br>Poison Sumac.<br>

Sparabarium<br>Celos. can.<br>Glycine grand. + can.<br>Ludwigia pal.<br>Nemusus ring.<br>Lysim. tun.<br>

Centa amom.<br>Caulx linda.<br>Lecanvaory<br>

Hypericum offic. - F.<br>Gallum esp.<br>Poly. sagad.
Iris versicolor
Solanum dulcamara
Trifolium
Sparganium eel
Cistus ladanifer
Carex lasiocarpa - tongue of shelly mud
Now going back into swamp

Boehmeria
Kalmia latifolia
Ulmus
Campanula
Viola cassinii + antep.
Potentilla simplex
Smilax herbacea
Aristolochia claytonii
Carex bromoides
Rubus pubescens
* Solidago pteracarpa - Fallopia, Col.
Equisetum arvense
 Clematis virginiana
Dryopteris cristata
Solidago gigantea - smooth
Carex curvula
Oenothera biennis - FF
Fleece wax
Salix nigra

Geum rivale - I. Wedell
som badass like NY. U saw FR
later. # by R. A., Col. 4f
Rosa paludalis
Fraxinus nigra - Copice 1 Nov

Swamp Saxifrage
Seneio virginianus
* Glycine vine
C. stipularis

* Lonicera kelleyana - several

Viola pall. pseudotyloens
Q. broozer
C. occidentalis
Vitis - - tinkerbell leaves
4-5 leaves. Not rushy
Poly. hastata

Banks w/ vines down edge - upland
mown path runs NW and SE to long
100 m wide Timothy field, bordered
by white Pure - Oaks - Pines. Can see
- southeast st.
  - road which you uphill as it goes w.
    - A few white houses visible on road,
      - on the side of road.
      - W1 Hae WH. barn

- Lygodium - 500+ plants FR
  - (25%+) at SE end field where
    - fine slash is and especially along the
      - mown path. Vigorous plants climbing to 3' or sprawling,
    - W1 Grey Birch
    - Wh. Pine
    - Black oak + Wh.
    - Ciner F.
    - Rubus truf.
    - Solid sage
    - P. Poplar
    - Gaultheria
    - Vaccinium pens.
    - Vib, cassia
    - Lyco pod Obs.
    - Calluna
    - Col from slash area.
    - Arrow
    - Aronia
    - Hayseed F

- appears to be just a strip along

- the path. Some more also
  - down along fence when it hits
    - wet swamp. Fence slowly
      - curves around to W side of
        - dry field, staying mostly down a
          - edge / shelly marsh area /
            - edge

- large gap
  - Captive
  - TOOK survey line N, 1.000'
    - with Creek too soon --
      - presumably top BK. -- NO!
      - certainly a tributary not on topo

- Lindera
  - Glycine -- filling tiny
    - muddy hollow. Planted 1' tall
    - lax
    - this - few 1 edge

- Q. macro ? -- 2 trees
  - old leaning way over (code).
  - Most Lvs. deeply lobed in basal ½-⅔
    - on the upright cells. -- The
Leaves are & ova. medium
w/ biden, 2 ova. toes close
by a & biden, 3 rd. appear
the hybrid x macro.

all along a small muddy,
waterless creek, lined w/ sedge
No acorns

Cornus sericea
ran out of swamp at west w. shoul
dhave crossed to n of last western creek
I situated back x timothy field
and towards farm house.

* Lygodium
- strip of wide along
- side of timothy field
- loads 2. - dominant all even
forest floor under r maple, c. bush
some w. pine, shrub to 150' wide

w/ helminth, stevia, sten
flower, royal e., cin. f., oak
seed, rheuma, frang. 1932.

Fern, I lex vent.
Thousands of plants. col.
count it as same 50 as priina

Big Nyssa in clever field
5 of lygod. woods.

II. along old rr bed, n side laurell
swamp.

* Pin Oak - common where hp
brush in closest
w/ r maple, elm, q. biden,
c. bush, bl. oak
few or none out in the swamp,
where shrubs + r. maple super
supreme.
col.
Will need strip N & RR appear to be Cornus - Typha - Arrowhead
Canna indica - Salix

Swamp gets better - looking as go E - less C. stricta

Tsuga
Y. Birch
B. L. Ash
Clintonia
TAXUS
Poison Sumac - common as edge clumps

Carpesia
Cespitum mulch
Trillium erectum
Purslane VA creeper
Flax, fern + French
Hamamelis

Had to leave - time
Prob. should redo sometime later
7-14

H. Scotch to Acadia - Red Rox 2
Achillesium backp. - FL in gravel along entrance
to careyhill site

Carex articulata
Engman patch - good #s
Festuca obt.

* Plat. nape - col. from eastern creek colony
   FF

* Desmodium glut - FL just w.
  of eastern brook. 1 FL, 3 bud
  w/ Festuca obt.

Sanguina mar.
Crum caud. brookside FF
Carex elinata
Impatiens 1st FL
Silvia - bud
Amplicarpus
Asteroxylon

Hystrix - col. from SE
back! Carex - Carex! Seems
> numerous down where wetter
on flat - 50+ easily
* Carex
  rosal
  convolucia - do.
  # pluntna - key to convolucia
  col. 2

** Bromeus pull - do.
  lots

** Carex sparganioides
  Valley? Very
  green, stumpy aspallata that
  aggregate towards top, dont
  well separate below

* Brachyelytrum - lots FL

* Desmodium glut - on the
  good hedge

G. triga pull - 2m. patch

Nonstropa var. - FL + hypo
* Eup rugosa ? - 1.5 m plant
  Tom & Carin agree in Sept.

* Remunculus micr - plants now all brown, withered, & unrecognizable

* Celestrus scandens - Col. 50+ @ am. plants only 3 long enough to twine; most atop.
  SW micanthus ledge
  Calamites cinn. F. & cleavers

* Primus ? - dichot...

* Sugar Maples - specific w/ densely hanging undersides. I almost good Amurin & Col.
  Asclep. quad. 2 VG, NE base of SW micanthus ledge

* Ranunc. alt. - basal live in saddle

* Viola - do

* Green wing - tiny flowers, white petals, dissected basal + lower lip. Plant 1.5 ft hya.
  10 FR mostly ET East Flow.
  NW col of the NW (East) ledge:
  Potato short, stubby. None at summit

* Asplenum pl. - same place

* * Ammone wing - summit
  of col. ledge w/ stem

* Polyguron scand - summit
  No FF yet

* * Papaverace. Canad. - Escape
  of col. ledge

* * Rue Anemone - still + green

* Sanicula moor - col piece
  of inflo, by pool NW ledge
Rosa pal. - P, NW swamp
Stil: Uly - swampy wetland

Alyssium latium - do.
Brachytheria
Bittersweet - H: shade

* Rehmannia rot. - right by road trail @ entrance of woods end of dry gravel entrance rot.

* Lepechinia Vir. I - V. likely same place. No - frost spreading & interrupted.

Dasyntha campestris
Asinellus patagonicus FL

Carex Blanda? Col for Id @ moist edge, based on calve, edge YS 5/87

Galeamus trilobum? - Col for Id YES
July 15

I. I. Redelinde site

Ceremony w/ plaque

Conceived site w/ help of George C.,
Trish Livingston, Laura Johnson (all
of TNC) and Hazel Bourne (RC)

Put in new stakes at newly found point

II. S.M. etc., Wood Island +

Passing Beach, N.E., Scituate
Park & Sandy Wood Rd., without

Puccinella marit - Corda
Esp. along ditch, Plants tall
Inflorescence open to strict. Col.

Spartina patens FL - dem.
S. alt. FL

Juncus gen.

Trylochloa FF

Sea Rosemary - leads FL & buds
Salicornia europ

Plantage marit. - small 
Agalinis marit

Iva - leads along edge
Pot. egedii
Solid sump.

Dichotoma
Lepidium latifolium
E. N. base of island, plus Beaching
Bob N side, up ch.

Sagina am. Rossiata - perenn + up edges

Agropyron Scirp. - glaucous, Fl edges
Scirpus robustus
Phalaris
Elymus (vulg. muchloph, presumably)
Rumex crispus

† Tilia nigra - E. N. edge
† Wood Is. - Fl profusely. Col,
Pix. NOT in interior +.
30+ trees, and others.
seplings

Spirea pet - up edges

Tilia americana
Aristolochia scol. var. macrotis

Phragmites

FICR - 2+
CELL THREAT MY verit

COCR - also

Now Beating Bob.

Dune Grace
Antimonius stellatus
Bohr Pea
Sadlera
Hemchicago
Xanthium
Cahiria
Mealy white Chenopodium

Yellow-Fl. Lactuca w/ handsome, non toothed leaves - L. e. canad.

Brassica Fl. Kaber Vanschr. - Col.
Eleusina vulg. var. heloph.
Chickweed inty.
Antirrhinum vulg.
Donotheria stenotoma
Lactuca scariosa
Tragopogon major - cultus
Euphorb, spp.
Onopordum, silt
Populus trem.
Bay berry
Caulinus, vlg.
Red pine
C. black
Cercis, sicae - droopy
Festula, rubra
Salix, sp. + Cot. junct.
C.
Aster, ericoides - Cota
R. Typh
D. Rabbit, Clover
Achne, mille.

Salsola, sp.
H. c. vaccinum, florent.

Agriscut. 2 Stim. var. - Chipliner strictum
red brown. Dry field at up edge
phag zone, SW side Boro. Hill
red. Cresp. w/radiating
culm.

Atriplex, hyst.

Spergularia, marina FL
Sweda, an. + mant
Cypres, maye
Asparagus
Rosa, rug. white, few red petals
Red Fox
Verbascum, thub.
Puc. mant. abundant along
S Side, op. edge 5-6
All FR, w/meny V. Lade seen
to E in 5-6

Atriplex, arenaria - rare
Solanum, dule - right in wide grass

CBHE - 2 aks.
SB 40 - 20
LBHE - 1 hy
luga green yellow

WILL - 1 Singing towards Gladen

Jap Knotweed

Atriplex, hyst.
grow back to Wood JS.

Rosa cana. - dry xroad rock

Panthus species - de.

Dechampsia - lots.

Smilax reit.

Panicum Virgatum
R. cedar
B. oak
R. "
W. "

Nyssa

Amel. caen.

E*A. stolony. - only 1/2 tall. FR
Fuchsia red - lots. Fuzzy cavy. Many daisies.

Gaylussaceae. base.

Vaccin genus, + vacill.

Bayberry

Erysimum quad.

Sasafras

Arumia mel.

Buchin

P.I.

Amel. ext. cane.

R Maple

Polyneu.

Camya glutinosa - glabra

Some of red Potatoes - Clark

Pacem., UT.

Aralia mud.

Uvasa sp.

W. Pine

Carex pens.

BLK. Cherry

Cornus - lots.

Andro. scap.

Apodium amno.

Rumex acet.

Rhea cop.

Panicum - wide lived

Yarela. Allotomum

Big Blue & basal live grass 2'

Hairy basal shoots

Solid. ace.

Polygonatum pub.

Prunus virg

Dennstaed.

Bidens - based ledge

Tap. Bayberry

Rubus sp.

Vitis labr.
Cornus flava — plenty
Pathi Rush
Indian Pipes
Mitchella
With Hazel
Smilax hub.
Asian daisy
Vib. recog.
Ribes hint.
Santolina rose
Rhamnus orth.
Lotus monosa
A Peumia latif. Sequoia
quite clear, per slope
towards E, side of Polypodium
Also rock NE co.
Dentoniae comp. — beds
in semi-clearing + habitat
area, NE co.
Austrolea flora — col. from
patch of 40 shoots, 15 + seed
Coarse, bloom, smooth stem
White oak, Otonts. Sold N+ E.
Solid pub. + odor
Aster latens
Melampyrum wit broad leaf, teeth
locally
Dentonaria prat.
Vib. recurv.
Scarlet O. — 1/2 SE co. 2
S.M.
No race, path, anus
Phlox, Rostera prat.
A. lat.
7-17

Coreopsis lance. - abounds in dry field. Shortly N of 140 x 24, on 24, Tawton.

Next, w/ Hecheroy, P. Dunwiddie

FIREWEED - Epilobium - THIN BARREN VALLEY - 20 PL

POST OAK - 1 in middle of mocs somewhere SW of Acton Rock - Peter D.

Vaccinium - var. nigru - # of Alt. Rock.

Hel. pooping - several patches of A. Rock.rix

I. S. Weyman Pk. - Lots water, w/ v. broad zone of mud.

Hypnum - smaller & canad.

Elrich smaller

Hepatica - Hypericum - basket fewer than in 80 and smaller - stressed by too-early lowering of H2O?

Calam. canad. - roads, all 3

II. middle W. Pk.

NO. H2O

R. Abundant H, adsp. - again Lycogala uni.

Rhododendron - oct. - PL

Polygynum punctum - white, anther well separated, 4 - eventually droopy and from 10

E2 entry Wld. gray birch.

III. No. Weyman Pk.

NO. H2O
Typha lat
Phyllostachys edulis - saps
Sinapis raeb. Pot, mugo
Polyplastron - some
Lepidium, etc.

Vitis Lab. - Milestone Rd.
Melilotus alba
Lathyrus Latif.
Daucus
Rosa virginica - FL well mow.

Tap - Honey

Hel - bigthin. - FL several
clumps + indiv. Somerset

Pennisetum mendom
Agrostis scabra - Coake, all 3.
Siuan sappy

Sparry sm. x 10% - long, short
beech, dry plant not V. e.g.

Sisyphus - Atlanticum
Prunus salicina
Prunus saky.

Elliptis - all 3.
LYcopodium - sea.

III. South Shore mtns.

Smooth Hummock

Asclepias pm. - 4 FL shoots
1 plant, in area. Refer to "Atlantic
Cane", or FAA prop.

Cel. pix.

Shrubbery area dom. by Gay.

beech, Rosa, Rubus flag.

V. dund., Vaccinium -

El. Some Andrea. Scopo. "Asterata"

Nearby open, perfect Hudson.

chy. H. dumosum, J. quinlecc,

Arcos.

No Juncus biflora

+ Liza bund - col / 1 pm
Same place

Aster dumosus + Baptisia also common here

* Urtica - same fl
+ other vg 50' W of this Asclep. pump.

  30 fl. W of Sisy. avena.
  20 more fl. on W side just 5 when I have marked
  for Aster grandis.
  X m.m.p.

Plantium ( Dichanth.) - W/1' broom like. Col. from rosettes.
  = sphelettacon
Typhrosia - commoner than I remembered -- primarily in smooth hummocks

Typha avg - filling Mires + Reed Bla.

Ribwort Flag - more common than I had remembered -- smooth hummocks + of Mires

* H. dumosum - gen'ly distributed W of Mires

Anemone q. - grassy heath W of Mires

* L. intersecum - 30 FL short (≈ 8") plants W of Mires, 40-50 yrs W of a metal F stage somewhere W of A. Condon.

I put [Red Cedar] just E of winds farm.

Eurycea, A. maritima.

Aurum beard - numerous through thin mors, 10-20 densely white hary stems.
7-18

Want,

I. Head of Plains
   A. Sheep Rd. N. of S.P.
      Tephronia - coads thru these
      moors.
      Canex pens - coads
      Rubea bist
      O. praeclida + ilicis
      Andropog. sap
      Buckle.
      Aster chum
      Agrostis statem
      Rosa Virg.
      Arcos
      Hierac. ven
      Aster. patrei
      Baptisia
      Hydro. eric.
      Dodonoea

Quickly becomes shrubly (Gay, etc.)
E-ward upon low ridge.

Poly., aglgyema

* \( \frac{1}{2} \) dunescum - \( \frac{1}{200} \) up flat plateau, or
   Specimen: cannabismum cannabim.
   plant not flaxing.

Blustor
   Aromae fuzzy
   spaltera glacea
   Epigaej
   Lucijen
   Rubia

* Linum int. - \( \frac{1}{2} \) ft.
   W slope of ridge

Aster chin.
   Lechea ment.
   Licium to go SE
   A. praeclida common as 1' tall
   Matto

A. patrei
   Baybery
   V.d. Ant.

A. manto - S \( + \) Cassiea Rd
   area of O. praeclida, Rose, V.d.
   Gay...
   Asher pat...
   Aromae, Baybery.
Plants FF well - tasty! Pix
Col. 30 jets 10 x 15

Cucum hond + pump
Tunas green
70 prapilum - several
smallish colonies

Hammer most w/6 young
(1 worked) - all w/ egg teeth
the youngest was hatched this AM
on yesterday, 50 M NNW
of Oak Survey marker
Undoubtedly a nest!

II. Waquatogma Pond
quick look

Dom by heartleaf
" Rederm
" Butterbush reed

Azalea vis - lots F2 peak

Nyssa
Va Chain F.
Marsh F.
Triadium
Hyper. Indak
Calm Canad - dom. drin
N end

Squaw cypre
Nymphaceo: choked open water
Yik. recog. - thin cedge
No pond shoal
" " species to speak of

Fenland - pine grove (White, Red)
S of low spot inn tar road.

Did not check paths to SW side

No Eriophorum, No Linum
No Hypericum atop.

Hyperboreas - road, site in yard in town
Chicory

Jeff Marks - TWM, RTHA
founded on Scornet Road
Apprentice to Frank Reindell

III. Great Point
Salicornia very neat saltflats

Squaw am. - junction of sandflats - muddy-sandy
Plants vary from very purple
Plants merge right into Spargula

Up wrackline + fore dunes from
Coc安全and N to Calle + St.
Plants are rising with Calle

SPARGALON marina W

Walked from Coc安全N to St. Ft. and
overdune towards Coc安全a bit -
No Mentanx, Amaranthus
IV. Queene Ponds

A. 7-9, one to day filled w/ 
Gircole + Agastache scabra
Xyris diff.
Drosera int. - dare
Viola ance - 75
solid item. - 105 F
Itea virginica
Cyperus dinit
Scirpus cam.
Clethra
Iris ven.
Eleocharis, acme bro. + others, agastache
Galium
Bidens cam. + Tr (frondce)
Fimbristylis
Tareniers pal.
Hypocissus tor.
Juncus canad

* Iris pseudacorus - Atalanta
...shady five store, FR

Rhachis V.
Lindmirol argal - pond bottom
Erica cavan - all wet

B. pond (s) to S
- fog, muddy
- dogs int.
- Hyper rey.
- Cistus
- Cane

Holas
Grapenthion alig.
Erechtites
Bottn. d. moat, but soled + comb. plenty reg'd.
Buttubush edge
Beachia seedling
Erigeron canad
Hypocissus
Juncus eff.
Calamin can.
Hypophyllum humil
Lycopus amp. - lots

Pix
Rhyncho alba
Deciders

J. ferox
Calamin. Can.
Pit. - Cake on plate
Sumpur Cyper.
UT. Chain
Eichh. small

Attempts have been made to drain it via sluice.

Mushroom man lives next to time pondlits.
Walt Lucas, Vestal St. (in winter)

Aquarium (Penney's) Point
Nice salt marsh, but that's all

Island is impermeable, thick of Rosa Rubra, Myrica gay., etc. w/ serial R. Cedar on top, loads of Beecrass around lower edge, enclosed by loads of Iva standing @ marsh edge.

I doubt existence of any Operation.

and certainly no Omosium now.
Rest of Point is nothing.

Helenium -
loads by 935 N. board.
Norton; also in Range.