7-01

W. Penn W. Lawrence
I Bullock's Ledge Williamstown

Parked @ Little Orleans just N
of where Hemlock Bks cross old
N of Captain's Table restaurant

Oxytropis secunda - 10 total
& Black Maple - 4 tree set

along upper slope
Herbs Rob't - divide
Hesperis - " below
Hystrix - " total
Carya ovata
Pesterae ochracea
Scutella abax
Bullet F - 0

Climb to top of steep slope, go 5
to ± open, very steep (80%)
slope of loose limestone, due W
of a dull yellow house w/ 2 chimneys

Coade Sierville here
Lonicera ledge is top of slope W of "m" in "Hemlock", E of Bee Hill.

Trip Top is open and shingly cobble-like those of N.W. Sheffield
Wild Basil
Acer macrophyllum
Heuchera vulg.

Cestrum scandens, - dge vine wrapped tightly around trunk of tree, much foliage up in canopy.
A true ledge exists at top of slope just S of interior area but it appears too dry for Cryptogramma.

Ron W. found this lonicera colony on Monday 27th at which time the plant FL were blooming. Rain knocked them off.
II. Bassett Brook, Adams

Goodyera march. — 50+ plants
in mixed Sugar - Linnaea - Birch
Cherry - Wh. Ash - Beech woods
just above bridge at brook's jet.

Nice wild brook + ravine, land of:

Dryopteris intermed.
Athyrium thelypt.
Gymnocarpium — few
Long Beach F. — Torde
Xmas F.
Moosewood — leads
Elm, Maple
Viola cucur. + bellis
Oxalis mont.
Rubus — FL

Buckeylum — just FL or leaders
Cher n. acalbrata — slide on steep bank
Metella
Jack-in-Pulpit

Canopy in 2 places is, Sassafras - birch
Basswood - Wh. Ash
Hobblebush — erica total
Cornus alt.
Alnus acumin.
Capitata

* Streptopus complex. — 20
plants, lge + Vegetus w/ 2070
mm V6, in wild stretch of
gorge above major falls (1640)
Plants are in small groups or
simply for 200 m or so.
Col.

* Rubia acetosa — 2+ plants are
W. lge + Vegetus (some ERS)
On rocky, mossy shelf by huge
canyon wall, considered as
Streptopus — Ca. 1750 -1850

No Braun's Holly — fern but heath
about as good as Fife Brook.
Very wild, gorge-like ravine red
mean vertical walls (some happy)

at about 1700' clin.

dove major fork

Cerata Trifoliata = FL, site 44
M'boro

Allium Vineale = roadside, Taunton

Floodplain wood, 5 sides of Taunton R., W of site 24,
E of powerline, Taunton

Poterelia = 1st FL on exposed bank of river

Vitis dent, var. aq. - loads along river

why not riparia?

Panicum "microcarpon" - open field
R. Maple = Clk Oak = Nyssa R. woods
Fl. Cee - Shaggy Hickory

Sonora - muddy, swales, banked creek, eye colony, Ulus amber

Lycopodium clew = dry oak - maple - will
Wsp. of oak

Tinton - dominates the elevated broad ridge
in much kelp aey, cy p occurs
YBCU
— pantenis
Pod sp. — common in this area
Col. FL.

Carex ventricosa — moister site
Ilex lucy
Carex amma — site
Buchnera —
Carex vittata — in drier site
Carex pensylof — Pentane — abundant
as groundcover here & there, dry

family of BRCK

Thorne cap lily — frequent, now
of now decades

Mass. Fern — abundant & edge
of wet swamps & skunktail
Sphagnum, Ectena

Islands in here of Tsuga-Pine —
Beech — Rock-BCK site

Floodplain woods 5 of site 77,
along 3 Mile R., Taunton

Essequor philo. — 20+ plants along
woody path to old milldam site

Glyceria septemtr. — Col. from sunny
Sandy bank of river just below
demolite, or islet.

Now on W side of river
Glyceria grandis — Col. This 2nd Sp. from open Lythrum - Typx.
meadow by small tributary pit.
5 of old well, near sandy bank.

V. robust (base of stem to 3/4"
plant to 6')
1/1 Casix Crinita, Pea Sp.

* Monster Red Oak on near bank
= 8 top lengths CBH = 216"
Sit on big rock
Prob only 75' tall, springy

Myosotis Scop — springy tributary
Trill Bog Under Title

Woods are muddy, Two by — PKK
Oakh. Wh. Pine. NY50.
even a few feet from main.
Firebeetle beetles don't get
enough H2O in channel to
overflow.
I'm only 35' above H20 and
at most, yet me floodplain
Spf at all.

A Sagittaria latifolia — = subuta
Var. gracilina.
20 + groups / plant, ca. group w/10 -100 + leaves, mostly around
shallow H20 of S side of sandy
spit below old dam site. W1
Elodea nutt. Sparganium sp.,
Callitrichis bettens, Potamogeton sp.
Many plants Fl. col. Pk.

Mint plants W/Live, mainly fettad
Cattail marshy, ribbon - like or even
W/ 36' wide elongate expanded
Top. Some produce elliptical - topped
live. Basal portions clearly separate
in other Sagittarias.

50+ more @ head of riffle above Edon,
Mary Fl. Leave 2 6'

I looked for Potamogetum no success

I
III. Big bay open woodland, N end of Swansea
Very shrubby and w/ many Red Maple

Seaside pond @ S end of Neck
appears to have neither Hydrangea vert. nor Myricaphyllum pin.

Composita lance-lobed

IV. Tarrant Neck, Fairhaven

Capeview Ave near N end - good vantage pt. for birds

Words along main rd. are cover dense. Mostly Maple, BLK Oak, Sassafras, - Hyssop, w/ some clothes, etc. Ann. Holly, Smilax rot.

In other spots, dense Salix, Spud. little cattail

Celtis occ
cotoneaster album
Am. Holly
Panthemogenesis
Rubus idaeus. Fl
Uvaria vaccaria
BLK Hackle
Viburnum. rosco
Aronia. fuzzy
Smiley glue.
Rubus pyxidum. 0 - 1 pt. each. @ base of wide lea.
Monotropa uniflora
Astilbe. late "
Wh. Pine. rare
Amelanchier
Yarrow
Chimaphila maculata
Serin-capsa. astrotide
Bayberry
Hexacoccus florid. ad
Amelanchier canad.
Rhino capa
Rosa multiflora + carolin. + pal.
Linaria canad.
Hypericum perfor.
Symphoricarpus
Phellium
Picea
Distichily
ought to be Sabatia stell.

Sambucus cad
R. Cedar
BLK Cherry
Comandra
Ligularia multi
Juncus tenuis
Wht. Clover
Plantago major (?), agrostis,
green stalk
Rumex crispus
Solid. odora

Panicum dichotomium
Holcus - trailside

Stipa arenae - edge sites
Wood rd. that goes toward North Point  
Unde + Open Canopy. wh. oak, salic.

O. BLK O. willy. Equisetum Lace.
Smilax rot. Melampyrum. Scirpaceae
+ grasses - Col. 60+ Spec.

Area has been opened up partly
recently by fire or something.

Helianthemum canad.
5 July

1. *Isotria medeoloides* ssp. 
Manchester / Essex
   W. Dick, Dyer, F. Brackley, C.
   Loching, ___________

Lots of *Pterostega* umb., now
emergent.
Bucky elatum - quite common

Goodyera pub.

*Enniaria* to. - colony on rock w/ moss

Anuosteghysts. *wa* - leads atop Millstone Hill

Main colony by Ship Rock:

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above #5 include group of 6 at flat meadow wet
area w/ side of cedar swamp Tr. and 12 on N side

smart / other damage - **H**

same Tr. in dense Bush T married
woods but clearly also flatish + usual
wet. This is N of Ship Rock.
2 More US W side of trail

We hiked along the following loop --
Cedar Swamp Tr. - Trail W towards
Bishops Cave - Little Fall - Pulpit Rock
Tr. - Ammonite Line Tr. - Millstone Hill

- 1203 Hours, thru 'some Hale
looked good
Dug Hill colony
10 plants

III. Ancient line Trail

1 FR in pocket on E side of Fire Rd., 3/4 way up to Ancient line Tr.

Tsuga (mostly dead) - Wh. line - Rock - Hamamelis - Saxifrage

M. bottom of stair down grade on A.L. Trail on L side of Trail

Tsuga (mostly dead) - Wh. line - Rock - Hamamelis - Saxifrage

Middle - Starlight - Monanthemum

Quuturna - Tsuga seedlings - R. maple seedle

91

m. Goodyera pub. on N side of A.L. Trail as it exits thin rocky stepy area

seedlings &

Could not find Mr. Hatfield's colony near jet of A.L. Tr. x Swamp Swamp Tr.

Hal brother V. good, tho.
7 July
w/ Pam Weatherbee

Meadow w/ larches on George St.,
Lee, N of East Center Rd.
Continue from here "N to
Kimberly Clark Mfg. plant, bottom
of hill.

* Salix candida - seen from rd.
No time to go in to canoe habitat.

I. Maple Hill, West Stockbridge

Tom

Park in gravel drive of Mr. Lipischky

He said his neighbor 1913, Eklund
(E side of 41) "stopped dune" on river be-
cause of "swamp orchid". She lives X

* Uvularia grand - on NE shady slope
just W of forest wetland, @ jet of
old woods roads. 35+; most W FR

Dess by Tsuga & Osuga, Sugar maple,
Oxygonas racem., Solidago caesia,
Cota ciperas platyphylla

Dry Swale by Williams R - Col. 1 Cota ciper
p/p 10 -- glaucous broad broad leaves
blunt prairie densely arranged = Grametum
W/ C. flava

Ranunculus longivexillatus -- wide
pasp. like backwater of Williams R
Col. FL+ early FR
W/ backups, Elymus can., Chara,
Potamageton sp.
Also loxes plant upstream from old
RR bridge - FL

Ruscus

Carex gracilis. - Age colony
- in small well

part S of RR bridge. W/ Equis
stems flow. and little else except
Carex amom @ edge)

A. grandif., 50+ -- on NW slope
of the lime cobbles (10 NW) "(of
the aforementioned hemlock hill), W/

Phryma -- open N slope. Bake, 1577
Brownus sp. - long tending culm
Platision hyperb. -- few on lime cobbles
and NW Side

Carex strum - late. Col. 1 for 1D

Cotula acc. - late. Col. 1 for 1D
A. Blephilia ciliata - 100+ in open woods and shrubby scub by the 1st trail to Left (SW) after Xing RR bridge. Only 50 m in from old quarry tailing piles. (see page ahead for more). 

Col. Piz

W) Bystrick, Solidentry, Asarum, Wild Berry, Ampelopsis, Anemone ving., Conus cat., Wh. Ash, Papulus, Trum, flagged by several Whit Pines; Vitis is diet var egg, Conus cat., Ama rous. Thelionurus polygg., & Roundhead self, Trisetum amur, Heliolios alba. 

Place is obviously in disturbance area of some years ago. Plant rather weak, stemless, most are red Stinging.

Carex amphiobola - oligocalp? - 20+ plants along trail only 50 m further SW. At base of slopes made by quarrying.

V) Trumia, Trisetum, Anemone, King. Conus cat.,


Col. 

Rich dry open shady woodland between here and quarry made slopes fairly young site.

Col. Adiantum, Belllet F.

Orig site for dynamite?

large #5 of this cove by old quarry stone belt, further along same trail but actually on a spur Trail going W-SW. Most plants are at 1st of the 2 terraces, but many also noted along trail uphill, along side trails from uphill. - 10 widespread Col. whole plant C. bled. Piz 50+ Ca. 900' elev. = amphibola

A. Hylocomios eff - 50+ calms along gulley + along side trail going S along base of super rich slopes. Ca. 900' elev. W. Hydrophyllum, Heile, Adiantum, Asarum, Cephalophyllum, etc., etc.

Col. Some 6-7'Tall; I think its SE of Where HCL found some in 62.
* * * * *

Urticaria purpurea - same place just upslope W/ Castillethia, good - 10 plants, -- Milium nearby (see below).
More uphill + cl. N in super-rich area of shaly slopes. -- Rich plant, I've seen anywhere?

** * 1000 - 1050' elev.***

Eupatorium callidea - 1st FL

Hair Robert

Crepis pulchella - roadside.

Fomica plumulosa - plants.

* * * * *

Albizina - lots total, satd.

* * *

Osmorhiza clay.

Luzula accina - uncommon

Ptilotrichum hyemalum - here + there + others.

** * 100' - 150' elev. to W of again, a base of a rock wall, thin ones almost cliff-like but worked on top, sides, and messes. Rich Maple ash. No beeches. ** 1100 - 1150' elev.

** * 1 * 1 plant. W. the Milium

Hi rock walls here - schist.

Orchis spect. - plants out here + there.

Polygonum ciliolabile - common.

* * * * *

Urticaria grand - 25+ most FR in v. rich rocky, steep, very furry area. Uphill + N of last spot.

** * 1200' elev.***

** * Here, 3 others further uphill W/ the Milium hangin.

** * Milium - 20+ here, but see next p.***
**Blephalia Oil** — 40 more FC

**Blephalia Oil** — 40 more FC

A open quarry pile next to stone house end of old road

(Actually an old RR) Not built on

W/ 2 fields, many other weeds

Not in open area, but near shrubs of Cassi, Falsax.

---

**Pitmen** — 1000+ at head of

The whole slope semi-bowl

shaped, loaded w/ X from F.

May F., Adiantum... Fix, Ch.

This colony at ca. 1350 ftelev., very

near a natural divide or mtn.

Rocky crevices on way downhill to NE — no good stuff except some

Collinsia

Old quarry — (we passed to E of it

the AR) — filled w/ grass

strawberries, Cassia, Potentilla

fruit, Lobelia spic.

No Venelia or ferns upon rocks

standing H2O

---

60+ more in now dry steep

between old cement platforms, just

50' S & on SSE of stone ledge.

again ass't of Carex and

Populus trum

Some of these plants w/ 4-5 whole

of fls, more spotted canes, more color to knobs

Amenore cly — few here in open

---

Quarry owner = John Astone

Hill = Al Salvatore

Hence by int名词 Ed = Tony Liptizky

Box 12 RFD, W. Stetley, 01266

He teaches Simmons Park

Edna Garret wrote history of West Stock

Talks about queries here.
8 July

Valeriana officinalis - col. from moist meadow on English St, Lee, by Kimberly Clark plant; N of East Center Rd, 50+ plants
by roadside only, w/ Pet. fruticosum
50+ more in shrubby Calc. wetland
on E. Center Rd, E of English St.
Wl: Cornus stolonifera, C. amomum, Lactuca sepium.

Laportea communis - common adlay
Bean Hill Rd, Stockbr.
Wl: Alliaria

II. Calcareous wetland S of Bean Hill Rd,
Stockbr.

*S. canadensis - 25+ even night
by north side!

Carex leucostachya - few plants

At very edge of marsh, just w/ of
the bridge, a edge of Peace River
stand. Quickly get into knee-deep,
thick grass, sedge, Cornus stolonifera,
C. racemosa, Calamagrostis sp. - dominant
of the vegetation, Sporobolus heliocaespitosus

ALFL

C. leucostachya - abundant along W
side of wetland, still in knee-deep
water to calf-deep. Col, N.
Wl: Associates as above
Mostly in among the open red
Maple border, in calf-ankle depth.
Funny little shrub - on slopes. Elliptic, bluntly-rounded leaves, darkening only 1" long near. "Lonicera villosa" Col.

Narrow-leaved thyme

Gum arable

Vitis vinifera opulus

Rubus pulvis - towards dry land

Lycopodium clavatum

Matula suda - by eye lake

Lonicera canadensis - common

Polygonum amphibium (= natives from Hardwicke)

N part of W edge is open. St. Maple -

Elm w/ Sot. Tsuga,

W/ pine, larch,

W/ Canes, stumps, C. stipe, C. erecta

(much less common than just a bit further

from banks)

Cam F.

Shrub cl.

Tsuga - some in sphagnum @ edge

Nemophila

Cornus canadensis in sphag.

Equisetum fluviatile

Rhamnus cathartica - locally common

I'm moving S-Ward still.
* Peaks trail - several more further

5.

Very thickly vegetated in 3 patterns - mostly shrubby, tangly, woody plant.

No really good open understory areas - just small bits of pines.

What has caused so much water?

5 end open up by inlet brook - get understory of Carex annua abundant.

Checked brook for Veronica - only V. americana & V. myosotis

Scirpus. Not abundant.

S. Sertulata, Alnus, Comus

* * Salix Scoumara

550' corner of wetland, fen-like open place w/ Salix spp., Aldrac, S. x blanda, Comus

This is clearly the best looking

plan so far for calciphilous.

D. boston Equisetum ang, Temm. riv., Caxx spp., Serico aera, Asta panicu.

Canx. canadensis, Salix grisea

" plante, " lucida

" " hystrix, " serica

" " huma, " subserica

" " (sulca), " candida, " galping

Scirpus. Utricularia, " reddish-tinted

2. "

Lycoris. " Cena

Euphorium masse

Solidago parvula

Sene. " form

Potentilla. " not common

Potentilla. hyperb., " few noted

Good area in 5+ pounds of Everwell brook

N. wood, get dense shrub thix at w/ open, dry, Calamagrostis, Equisetum

- Asta panicu., meadow in 3" tall

* * Salix Scoumara - naked plants N-
Ward w/ other Salix spp.

* Salix candida - colonies here & there N Ward. Pix, col.


* Ribes triste - more sed on knoll under pine, birch, maple, ash. More vigorous than those on wide pix W FR. Frequent N w/ early so plant along E side.

Cystopteris bulbifera - lore @ emerging of swamp, many plants actually out in swampy w/ S. lance. E.

Rubus nuda - freq. along E side.

Serious sweat - ends "to" "to" Plot, hypophrax - 7 in flat place by fallen tree roots.

E side is less abrupt to the swamp, w/ a dryer margin and better drained swampy part - more Salix.

(*the still relatively little and new shrubs forming a grove), more Tragopogon, more moss, more flat mushy hollows

Looked hard for Petasites, Malaxis, Retula prunila, but no go.

III Cheeked running stream @ NW side of Bowl, Sherwood topo, run by Berkshire school.

Good half for Veronica, but only V. americana so here, 1 colony on muddy exposed backwater.

Hygrocybe scorp - loads.

Ribes sativum - 1 v. age, bush loaded w/ berries.

I went almost to mouth, plus abit W of
10 July

I. Hockomock Swamp

Entered via Prospect Hill St., Raynham

Beaked Hazels. — frequent along path
Hysent F. —
Cary Swans —

go N down with rt., starting w/e edge of 'damp' — pick up trail thru cedar maple swamp

BRCR
CAWA - 1; 1 ad & 1 JUV. — 19

Most of swamp along trail to Red Creek Club in sphagnum, cedar, maple
W/ Occ. Tsuga. Y Birch (frequent)

Loeb. Cleft
" Vaccum Corymb
Lact. Nymphaea
Maple — setd
Rhodo, vis., etc.
Leucothoe - sold
Daneberg - uncn.
Osm F. - leads
Va. Cherry - eccel., wet spuce in path
Floor stuff: C. musc. mem., Capt. Ander.
moh., T. vert., etc.

Smilax for - mostly near edge
for 100+ yrs.
Trail is v. wet near S end, but
OK thereafter.

Royal F. - sold
Mass. F. -
Lavendar - far - likely more can
in maple areas
Camp trisperma - S end, N end

& Calla - 20+ plants in upper sphag.
um, Easten. V. shrubby
in this section + I W L F.
all trails - another layer away in
nutrition among decid.: 

WWF: same place.
II. open wetland on W side of 
2d RR, W of Britton St., 
Raphine.

Scarlet Oak - by RR 
Swale - "-" Carex - "", oval, con- 
gested heads, to 3' tall.

Is a pure, Tamaria effusa marsh 
W of Napher in open pool and 
Extensively bordered on W & SW by 
Cassandra, Rhode rose, Vaccinium.

Some Surplus cyper, Decodon 
I've not seen a PC quite like it.

Redeye cedar, Rejoan, juniper by RR 
Trinchetinna - do 
Cypres,, feliculina - do

Alfalfa - establ. varity field

Verbena antigua. - W. fl. 
@ dumping place Raphine. 
town line, Maple St., "Raphine."

A Calla - Cd. from colony beside 
road (Maple St.), West B'W.O 
1 plant has produced a flower 
head + spathe which is full 
anthesis now-

Dulichium - FL now-

III. Open wetland W of Maple St., West B'W.O 
A Eriophorum -

Lands - mentally open boggy 
mash - F. F. of Black Berry, 
West B'W.O. Col. Fic.

These often w/ lvs. 3 mm wide, only 2.5 
W/ Carex canescens - Cd. 10 
Peterson - lands - especially the subbie 
Sumpa aparticulatio, V/ Col.
Lysimachia. Tern.
Lycopus sp. - not am, but 
large.
Small clumps of chloride, red maple, 
Rhode rose, Ilex vert.
Dulichium 
Napher
Hypericum virg - loads
Eutrocosmum
Carex lasiocarpa - col
V. densely hairy pungens - This presumably the sp. of the 3’ long V. slender clus which dominate much of area

Arctostaphylos - common
Royal F.
Eriophorum virg - now budding FL
Vaccinium macro - loads, but not everywhere
Carex aquatilis canad. - col.

Phalaris - almost to patches common
Typha lat. - sold.

To W, get less shrubbery, more open habitat w/ most of same spp but less cranberry, less Eriophorum, more Juniper, much more Typha, more H2O, Potentiaria still abundant

Iris versicolor
Marsh F.
V. Chain F - adjacent to W. W/ Typha, Calamagrostis

Pogonia ophiocoma - some FL
Glycyrrhiza canad - + shady spots by shrub
Alnus serrulata
Viburnum recog.
Rosa palustris - few only
Typha angustifl. - locally common
Calamagrostis
Sagittaria latifl. - here & there
V. broad lea. 3’ roundly tip.
Aster - smooth purple
Picea mariana - quite nice, somewhat spotty, toothed. Check it out in Sept - Aug.

Peroxiconsum - sold.
Sedge discolor - No FR seen

S. pusilla - in thickets of Alnus, Acer

Utricularia intermedia - loads in small open cul-de-sac of Typha - Sagittaria - Potentiari between shrub thick. In cool H2O densely vegetated here!

Col.
No FLOR FR noted
7-11

Veronica phoenic. - I noted on
I-495, 17' Boeing

Thymus serpy. - abundant on
roadside bank, I-495 17' Boeing

* Equisetum variegatum - reedlike
in roadside ditch/soil

w/ E. hyemale (Scorpius - like),
E. auricula, Drosera rotundifolia
poliozerum in mud, Silene stellaris sp.
Saxifraga sp., Phyllactis sp.,
Trifolium repens, Pavea sp., Polygonum

Ipomoea x cultorum - no running
water, Soil clayey. Col.

Polygala verticillata - several noted

@ stone roadside

On W. Leyden Rd., just above jet of
River Rd. Town of Leyden

- YTV1 setup bottom of hill
* Sprianthus lucida - 3+ plants.
  FF on sloping rock ledge w/ mossy soil in crevices, just S of UT line, along Green River, Colvin.

Valeriana officinalis - Colvin, lots native along Franklin Hill Rd, not far from UT.

** Plethodontus dilatatus - Somex @ steep ledge by Johnson 6K, Colvin. 40 West Leyden Rd.

* Oak Form - site w/ Long Beach F.
  on old terrace covered w/ Tsuga, Bear River, Conway, upstream from Shelburne Falls Rd.

* Styraxopsis coriacea - 1 leg; plant F.
  S bank of Bear River, elev. 545'.
  Another 12 C steep slide on S bank, very near 540'.
  Col.
  Under Tsuga, Pter. Papyr., wi T. taxifolia
  + A. birch, Larrea candel.

Many of the 12 damaged physically and lie prostrate - most dead F.

** Equusquillum song - abundant on steep slope S side, where formerly a slide, elev. 520'.
  Under Tsuga, Black Birch, Hemlock, Ptn. Papyr., W/ Aston acqu. T. Virgin.,
  Pseudotsuga sp., Mosses B. F., Tamar.
  Kalinae cat (shrubby), Long Beach F., Livermore.
  Prob. being shded out - not many FR noted.

Only in U. restricted area, etc.
7-14

**A. Another sizable Along destination -
0 about 500' downhill, S side,
well up on bank under tugen, mtn.
At mtn. waterfalls + big boulder.

Not seen @ large pile end clay
soil along N bank.

---

Flindersia pumilus - Eggplant in
voiding of sandstone, summit of
Little Sugarloaf, S steep.

Substr. am - several noted along W
side of summit
Cellar - frequent, same place

---

Large
open area of sandstone cliffs
along W face, Big Sugarloaf.

---

Pupularis alba - **Tree sapling
< Y instead by rte 53
just N of Theodore Roosevelt.
K? Don - into by nursery?

I. Demo Footprints by CT R.
Holroyd.

-** Acacia rigidula - 1 locust @
TTR entrance sign
Picked up some live + turg from
ground - can't reach those + tree.
Shape of live OK, leaves thicker, tender,
less densely hairy below but have shorter
than I'd like. Cal 2 turgs by hand.

---

Pix of Potentilla arguta

---

** Trichostemma buck - now
emergent + unfurling in cracked
footprint shale.
Aster plain is mostly up now, some of a few fly most up here.

Truckstemma brush - 300+ on RR Crushed stone guard, @ 5 end of exposed river bank, by RR marker (stone post) "70+00", 1st FL over in plants cut in full sun, w/ Cyparis fuliculosa, Viscum, Muhlen, Epigeum canad, Oenothera, Ceanoth, Solidago junce, Penstemon virgin. Potential winner. Under R. Oak, Elm.

Arctostaphylos, Cottonwood seedlings. Patch runs for 120', 5 of medium

Red plants along E side. Tracks, opp. opposite to S. None up on tepee - too much competition from weeds.

Dale Stephens on tanks @ WY RR cotton root up.

Open ledge slope on river Shelly of town plageplain part - ought to check out. Norseville Jesse PK.

Angelic at pine - few plants & spring swale Ca @ 74 mi S of Diney Reservation.

Eupatorium sessilis - several in bud in open brush of swale on E side of RR 1/4 - 1/2 mi S of TDR.

Aster plain. - 4 plants in bud on sloping ala clay sandstone by river, 1/4 mi S of TDR Colony 15+ more budding on west edge to N.

No Amaryllis - I walked it, 14 mi S.

Chickweed, on 141 S of NC. Ton for Sag. Cineraria - no buck just Pithagon chlop, epithym.
Typha & edges. Also ached ditch just W of road - Lemna city

Open section of Typha nemoralis

- Typha, Calamagrostis, Lythrum

Camptosorus - 3+ plants seen
A. platyphyllus - here & there
Wodaria obt. -

Fragile F. - frequent

*** A. mutis-nemoralis - 6 plants
(2 w/ FR) in seams of small pink calcareous
rocks & coves base of these red sandstone
ledges. Thin rock is pale gray, not red,
lower strata less chippy.

Not detached from rock & ledges.
A. triquinum, Fringilla, Wodaria
W/ above image and

a few Aquilegia + Campanula, Periwinkle,
abortion, poaching.

600' erode.

Pix.

650' ech.

Butternut Juglans cin. - frequent

Aegopodium canadensis? - patch of plant
lived here.

Stone was cut from this ledge
years ago.

Spirea virgata

III

MT, Tom

Started from S end & by 1 PM

Aneilema flava - by trail, common
Brunia pubescens - on slope by
broad ledge E of trail, only 700
feet

B. americana - LUS to 1' broad, inform.

Acer negundo - 1 tree line

has perfect shape

Acer negundo - but can't
reach them

Asplenium trichoman - scarce frequent

Mint

- on ledge wth

Asplenium trichoman - scarce frequent

Spirea virgata
Woods are dry but rich

Ahtianum, Site

Rhododendron glut.

Aster pachy

Hystrix

Colunm tr., or S-tus.

Asclepias

Anemone veg.

Camptosorus & more on rock

downslope @ moss

Oak - Maple - Ash - Hickory - Dogwood

Panicum lat.

Cerasus F. - Erable

Solidago arguta - Lots (possibly squaw)

Herpetum am.

Eupatorium rug. - looks


Umb. acer, "

Galium pilosum - dry exposed
S slope by powellium

* Clematis vert - very large, robust

vines, base of smallish, broken

rocks talus slope below cliff - like out

crop S.E. of summit, ca 1050'.

Col.

plants in lt. to med. shade, but

talus is ± open

Sug. Reptle., Osterya, Carya

climbing on Carpus rug., Corylus

Parthenocissus

Rubus pensilis nearby

Easily 20 plants here, perhaps more

Several plants FR very well

Cerax (muhlenbergi) I think ID OK

5 side of summit, open gravel

place under oaks, historic

* Plectranthus incom. pedicel - same area

Ceanothus - fairly common

Hypericum punct. - frequent on talus

5 slopes

Panicum linearifolium - common

m. summit

Luzula - mott. - frequent up

m. summit in ± open dry rocky
slopes, Col.

Vaccinium vacillans - common
V. stamineus - very patchy in summit

Wood Lily - few

Leche's willow - common
See Hartford easily!

Linnman veg. open with along E side of summit, few. 20+ by trail and on summit

* Asclepias vert. - 3 in bud and open, green

Great Schizachne - NW side of summit. Col.

Carex dichotoma - 15+ plants, all

Carex pseudocyperus and FR, in area of open

Fairy Shining, Open and empty, broken canopy.

area looks good for Stipa - Deadman's
in here, just about the only place today
Plants are in 20x20' limited area by dead + fallen Carex E of a
small Red Pine (20' tall).

Fite flair - xeriCone 1.5m, plants barer, glaucous;
some perigyn. W1 about 2.5 mm, Perigyni less,
distinct, 3-locular.

W1. Grassia (esp. Pennuim linearis), Vaccinium
vacillans, H. canadensis, Sweetfern
Csc & history shrubs, Sphacelaea rose.

Dentilias spic.

Without N along trail by W edge of rim ridge to Deadtop.

* Red Pine - sit in W side on

U step trap.

No way to get in W side = Vertical!
15 Jul

I. Checked for Campanula c. pine woods, Hamilton St. & Riverside Rd.
    (night by Riverside Rd. Fl going by)
    * Monroe - # night by Riverside Rd.
    Under Wh. Bird

Goodenia two - few in pine wood
Ed Moore St.

No Campanula seen. Likely just a salt here - habitat not good for much.

No. 2. Meadow C end of Cole Ave, Northampton

Platanthera lance
Scirpus atrovirens - slender
Coeo - Exer.
Calamagrostis can. - locale
Truncus Tenue - in trail

Currently there is a #" lie on fallen ledge right over some of the plants.
Spinacea alba - dock
" Toment.
Carex Elliottii
" vivida
" stricta
" stricta
Edochesir chitica
Juncea eff - foxtail
Timothy
Glyceria canad. + stricta
Campanula sp. - July
Cotinus omn
Alnus
Asclepias pubens
Empetrum nigrum
R. repens sold all about
Carex (Sagina) - Ovalis
" lupulina
" vesicaria
Scirpus atrocinus - frequent
Cirsium sp.
Suns F., March F.

& Scirpus - 75+ Culms
in 1 small area N of the brook
and E of where log crosses "

in and beside an old rusting road
which 1/3 brook. S. depression
w/ dozens of field/meadow-wildflowers + S. atrorubens
Surrounded on 2 sides by dryer, higher fielde w/ dense growth of
Features sp., Col.

ALF
YTVI Singer to S.

A S. pendulus - 25+ more
in same old rd., @ next low
spot on curvi.

w/ Juncus margin.
Lysimachia frem. - foods
" hydrida - freq.

Leersia

Canex (Conoidea)? - frag. - Common.
In spots. Col.

& A Canex brochii - 20+ Culms
in low swan place. edge of
another dense Collemagnum - sparcne-
edge of patch (sm. normal streamlet
gate time " ). Next plants are
right by sm. wet. plains
Spurios ill. N of where old pasture
III. Floodplain woods near old mouth of Fort R. Hadley

Yellow Jeweledweed - rooks along River Rd. near where it hits CT River

Ambrosia trifida - along River

Lots of nice sand beach on bend of CT R to NW and on N part of River

Shepherd's Purse - Continuous beach - can't see where islands begin nor end.

Big banks. Swallow cotton further N where river follows open riverbanks

Big colony of Equisetum - same place

No E. palustre

Laportia - islands in Wde

Alliard - common near edges

Woods = Cattailwood - S. Maple - Ash-leaved Maple - Elm - Sld Sycamore

Vitis riparia - common

Very hot today - cock off in river.
Woods too full of Laportea for short pants - can not penetrate into forest!

Towera
Ostrich F.

E of River Rd, 5 more pure Silver Maple & less Cottonwood. Much less Laportea, joined by fists.

Boehmeria 1, Senna F.

137 S. Maple & flood channel 152" CBH

Towera cur.

OLD river channels of Fort Rd fell up W of H2O each Spring but no flow movement in them now stagnant looking the H20 Lemma.

P.I. - loads
Arvenia flav - loads
Agera -
Hendena - lot
Bassard - occ.

(California) - probably
Sagittaria (urnicola) - 70
planta VG w/ more leaves unfolding, and no PC stalks. Old river channel now nicely empty of H2O and w/ much muddy bottom exposed. Loads grass sp. VG.

W5 W broader then sly or =-

Horse
By towpath E of River Rd.

Occasional clearings W of horse path are check full of Ostrich + Senna F.

LOWA - 2

This river channel is pitted on tops + patches out eventually to open disturbed meadow field.

Humulus ring - common
Cestrella neglecta - un in path
Penotherum - in meadow
Heliumium nuclul -
Artemis lappa
Best access to Sagitteria via old trails leading from NE cor of circle end of River Rd. When trail gets tough sand under trees, turn right. Still onto the same trail. I saw Sagitteria about middle of the channel more.

Forest over N of Shepherd is too tall, good!

Telekionum — @ circle @ end of rd.

* Stachys 'Virginia' — by side of River Rd, just N.

* US Route. — separate my English point, thickly husked.

I did not walk all way up to mouth of river — the junky open disturbed area plus 100° heat weren't inviting.

IV. Bachelor BR Ed. 47

30. Hadley

abundant

Green Ash Floodplain W

some SIl. Maple, Sycamore

* Pin Oak

same Sagitteria — large patch by road. = Lathfolla (brute 3mm)

1st fl out now.

* Carex, esp. I. short-framme

* grasses

Corn greze here — a shrub at all.

Cook off #2

advent. — like myphnum. lots widely erect.

* Rumex verticillatus — Col. in shallow wet spots where water tended to stay. W/Neph, Alisma, Sagitteria, Myosotis ssp.

*** Carex Typhina — 100+ plants

FK. probably many many more

I could not spend time to count.

Esp. prevalent Ed a slower many
17 Jul.

Linum Virginianum - 20+ fls on sandy disturbed rock face, Aldin Rd Plymouth @ MSSF entrance

I. Went to Charge Rd. banana 1735
  w/ Lepidodendrons including H.W., Scott Smalley, John Cogan, Dale Shuhart

Node of interest

II. Woodland E. base of hill East of site 3
    interchange (Smith Lane), K-T line / Rhyn. line

Wetland to NW to gneiss but wooded portion has Pycnocomia canad.
Forest = Wh Pine - R/Mule - Wh Oak
BLK OAK = Tupelo = Sap
Scarlet Oak = swamp = NE
tulip

Deschampsia + Danthonia along path
NY Fern - base of step slope

Y Bench in swamp = common!
Cloth - Vio reg. Skunk Ck. Com.

Larrea cisternas
Speckled Fern
Corys = spicata = base of step slope, Py.
Sedgo = fasciata

I didn't poke into swamp

Next to Island creek Col.

Clair = butter = patina zone
Landward of Creek, Col. Potentilla
edges, Sedgo, Lemps, Tenor. Col.

Fir = white, tooth - leaved, chine podocarpe frequent

Tegulofur = frequent

Agrostis scabra var. patina

abundant. Col. Plant. recede of upper steps step up

Asparagus = estab'd = edge

Aceva = 2 patches

** Carex palustris = abundant in
edge meandering patch, adjacent to
vill colony of Scirpus robustus
shortly E of Isl. CRK itself, 100 m N
of Bay Rd. Conditions still clearly
season.

W/ Carex (Gala) = common

Scirpus am... Agrostis (= Potentilla
Sedgo, Spatula pat. Sportaro, sport /seg.

Eriogonum occidentalis = escaped to
CER, SIX

Plants: Typical in general appearance of large, colonial carrots but the FR tulips are so much shorter than those (either at the season) that one has to plant the latter to see any FR at all. LVS, glaucous basal.

Cenre Calderone found this station earlier this week.

FR all mature, many fall off w/ handling. I reckon either late to early July is better for highly colored, fresh fruit.

18 Jul

Trip to Want to see Western Reef Heron

TOK plane; no botany
17 July

M.V.

In James property, near Bething
Corner, Chelm. - on southern Cross Rd.

A field in front of house of few
Ascotites tuberos, beginning Fl

Swamp Rose, St. Agnes. Eldenbury
Potent. Samee - V. dig trees, up to 6" dia. and 15' tall, Rumex
 definitive? Chelone. Open Canopy
W. R. Staples

Cedron's pines, - scaly edges.
Myrica gali, Skunk cede.

Viburnum dentatum - common on dry
Huckleberry

Cornfield up - weekly work

NY Fern, Corn F., Sassafr., Hag's unt
SE cord field in written
more Helianthus, ferns, grass, 3rd
pychopogon, gladiolus, Penstemon
wing, Asclepias pulchra

II. Hornblower Prop, sanddune
Antennaria arctica - field
Veronica hirta
Arenaria rigidula
" canadensis
" paradoxum
section along old rd. by Squink Rd. =
thy & weedy fields
Bayberry - rose - Helianthus - P.I. =
Viburnum - shrub - reedy - salpiglossis -
Huschberry - Rhus Copal
Red Bayberry

Asclepias syriaca - variable FL color
edging of thicket by Squink Rd.
cel. pit.
10 plants FL

Met up w/ Walter Hunter

Soil pondlet 5 ft. diam in up
above cliffs - always fish
Gratiola, campanula, Marsh & Hypericum, baldcleft, violet lane,

Barn Owl box by planted species
Successful - 3, y. in 1933

3. Now dry pondlet (arroyo) in 1st
dune area of Gratiola, Hypericum
canada, H. mutis, E. echinata
H. virginica, Panicum virgatum
V. vulgare, solidago canes
muddy pondlet w/o H2O to exposed

Dracaena int., Xyris Carol, Juncus
Pennisetum 'Hameln' cel rod.
Adenopus sp.
- 125 + stop
Ridge in old pasture

- Agave scribneri
- Jacquemontia
- Bromus inermis
- Amaranthus - red
- Festuca
- Rabbit Clover + red

- Vry bug thall, too thick for sandplain
stuff

- Salado [illegible]
- Dianthus armem
- Astr umel
- Rumex aquatic - look
- depressions on prep, often have cattail
- on deciduous woodland

- Astr exicata - red

Eger pond beach, Spirit Assoc., dune
Hydrocotyle umbel
Asdep. pickles
Myrophyllum humil

Pyrenasterum mut. - roadside
Poke Milkwed - cor + flower
X Middle Rd. and more along
T. L. and 1 place along North Rd.
(W. Tis) IDV

Corylus am.
Fruterianum 'pilosum'
Wood Lily
Phlox
Orchids Undr. - 'field Tour'

Arum Two - " "

Cleome orbic - abund in spot,
W. Tis + Chil (North Rd.)

Common
Poke Milkwed - 100+ in Little
field's field, South Rd. S.of
Full Brook, W. Tis

W/ A. Tuberosa - 1 plant
" Knautia - several plants

Many Asclepias hybrida along Old
County Rd. W. Tis that appear to
have hybrid char. purp x cyn.

- Wafer undivided for densely
  pedicellate, shorter hairs.
  But Stine + tuberosa hirsute later.
  Color pedicellate is
  lumpy, but head much like
  syn. - punky stripe

All this is probably just very
variable species
21 July

I. Potts Seat, Greenfield

Schizachyrium pump - one
patch of plants @ N end of the
downward and northward - slopes
N end of Potts Seat ledge itself

Lepeolzia - may be
viola - between road and
rock ledge. 100 m S of tower
(20 lots of Arctostaphylos stricta)

Much more boggy north on the 15
portion of the ledge, E of the
mentioned spot. US only

L. procumbens - same place as the
spot, just to N.

Only saw 2-3 Panicum spp., but
all were subgenus Dechenianum.
No Panicum sutt -

II. Table of Laurel Marble

III. Equivoxon series

on shores of South River
just S of road. A 70 ft.
S. Ashfield, elev. 870 ft.
100+ plants. ca 50% ER.
W. Oak Pk, long Brian, Smoak Pk
NY Pk, Conna Fr, San. F.

Tsuga - Y Beach, ledge R

starflower, Euphrasia, Mitchellia,

Roses

An dryad, kendle among rosy

crest just E of a tributary brook

Angelica strophorum upstream

III. Ashfield Lake

followed stream dir. to W side -

Tall phalanx + firs + balsamum

@ lake - not good for fishing
Leersia
Chlamydocactus
Spergularia (chlo)

Tamarix + others

all above in open, beaver-flooded area on W side. Now w/ hardly any H2O. Trees dead.
No beaver dam evident.

I. Hawley Bog

Escallonia cubifolia

Carex stipata
" gymnema
" folliculata
" lucida
" intermedia
" reniformis
" leucotis

Alyssum canad. + other spp.

Hypericum rug. + ellipt

Impatiens csp.

Swamp Azalea - ? poh. roseum

Clintonia

Taxus
Study rains now - (Thunder
showers since I arrived)
15 min. visit only!
Open bog:
Peat around small (50 cm)
open water pond. Not very
shady, so are many open
peat bog areas; the latter
more filled
with

Platanthera blephariglottis
Fl. or Bud
Black spruce

Raining too hard + too dark to
effectively search for other species

Atriplex canescens Fl.

Not much head of Black Spruce forest
(at least not on W. side)
No (2) bogs

No (2) bogs

Cypripedium reginae - 2 past
Fl. seem near S. end of

swamp forest

C. trisperma
" sp? - numerous mobile
spadix less but no FR

Kalmia ang. " polif "

Myrica gale - common by pond

Lemna - common, short

C. pumila - common along
W. side, just E. of W. shrike

C. parviflora - common along
W. side, just E. of W. shrike.
22 July

I. Barkwell Ferry + Vic.

\[ \text{A Sanguinaria can - 10 + plants on sandy cairns between sunny ledges near H2O just S of auto bridge. Col part of}\]
\[ \text{Conway Frequent to N, 1st Fl.}\]
\[ \text{AA* Aster trad. - 15 + plants, 3 w/ 1st Fl., other all in bed, same place but just N of bridge. Col part of 2. Conway}\]
\[ \text{common}\]
\[ \text{Lysimachia cil., + rare.}\]
\[ \text{Hydrangea ellipt.}\]
\[ \text{Lamium syl. - common}\]
\[ \text{Alnus rug. - " + Seg. ?}\]
\[ \text{Connor race. - " + perhaps.}\]
\[ \text{Tayl. F. - "}\]
\[ \text{Bistort - " just back under canopy of tree, etc.}\]

\[ \text{Asteropsis canna - common}\]
\[ \text{Ranunculaceae}\]
\[ \text{Selenium dale.}\]
\[ \text{Heal All}\]
A melandrium
on gently sloping boulder slope
@ Send of Sandy "beach"
area w/ Carpesium ca. 150 m
S of RR bridge, Conway.

Lysichiton Cel., Tintin F.,
Pseudosasa, Royal F., Hemerocallis
Syc. Maple, under R Oak, Bl.
Birch, Aesculus, Delphnula,
P.D., just to S in a few
Alnus viridis, Carex spleghal.
Col. part of.

Plants, up to 2'3" tall only.
No FR
Park don't get flooded every year.
Leads Equisetum hypnoides up slope.

B. Blue Stem - wind + with wind N
of RR bridge.

Robinia pseudo - # or sandplotly,
same place.
Ledges along river just N of RR bridge

Ascalon
Maple - Beech - Broad - Chestnut Ash - Rose

Nice open ledges by the river, extend 1/4 mile or so. Cleanly limpy, a few have Aspens, Trichocereus, all have Campanula rotunda.

*** Asclepias - 50+ plants, perhaps 100. Bed or FL (15% or so) w/ all spp from other side of river & named can bridge except Sanguinaria, plus Solidago, E. (trigida), Sax. v. Agrostis, Aquilegia, licium, moss.

Interspersed w. various shrub-thrs.

* Alnus viridis - scattered plants
* Clematis occ - 1 plant FR on rock, 2 @ base of clipped-off elm.

** Solidago (trigida) - 10 fairly certain but plants only in early bud stages. 25+ plants. Col. 1
NO - on a return visit these all were S. bicolor.


II
High ledges, Shellcrane
W/ Ellsworth Farmstead

Red line - 50+ w/edges & ledges
W of house

Dry areas aspect?

Cyp. calocedrus - 16 plants
Still Ladyfinger Trail plenty
W of Spring Brook Tr.
W/ Vida pubescens

He counted 104 FI plant on
this genl way in '83, plus another
25 in E part of prep.

Pyrodicta americana - several in 1985.

Larix decidua & cedal
Uvularia perp. & sess.

Cup cate - 12 more by trail.
Down hill.
50+ more, most grazed
Bit of hill but well & W trail
Still W of Spring BK Tr.

Vista enclosure naturally.
Gallum
Arctium thistle
V. leuc.
Rock
Common sneaker, N. S. Sens
Campanula, Hap
Scent II, Bechel, Cimic, Polygoda, lady, &
Beech
Actaea Rubra
Chimnea
Actaea Rubra
Viburnum occip. abj?

Aster macro, acum, divan, kinder

Butternut
Pecann
W/ Ash
Rubus paint

Carex cinn.
Eupeta, pygmy
Amphitoca
Aquaticas gypso
Arrilia mud. - bake
2 feet - 2 plants only

Cicada, cip + quad.
Hydrangea cim
Carex leptocirrus + ladyfern + swamp
Strange Orchis - # along 6.5
Trail on rise, winds hill. Trail
here to meet along edge.

Epis calc. - several, same
* B. cordifolia 15 - same place as 6.4
* Peltandra virginica - 25' plant
  same place - Cal
  Calcium lace.
  Asclepias phyte. - 1, same Porto
  Semilla mar. - same
  Corembria mar. - 1, same
  Redeker
  Hypericum pub.
  Smithes. racem.
  Kalanchoe lat.
  (Mayflower - lots set, 1 reg.)

Cornus
Lycopodi. clav., os., luccid, syl.

Godfreya tessellata: Lush all over
Wolf Den Tr.

Santarina luteiflora - sm. flo.
Sedego cana, rug., rugosa,
flax, flex.

Antennaria virg.
Hypoxis punct. @ Wolf Den
Asplenum trichon. " " " "
Cystopteris frag. - " " " "
Asp. platy.
" " " Calcium republ., T. inflorum
Carve platypthum.
Mary E.
Aquilegia
Botrychium obtusum
Rubus occ. pers.
Cotoneus sp
Lycidas mult.
Stayburn
Honesty right near Centum Camp

Scorocenia - Centum Ser
Flaminia dens. " "
Gentian yellowita
Iris vege
Heal-all.
Parasoria gl. - Rept. 215
Elephant's psycodes
Eupatorium purpurea
Ranunculus
Scoloporus hudson.
Good size patch
Eriophorum vitreum + sedge
Phlox subulata
March F.
Sedum spathulifolium - abud.
This is a sleepy open wet meadow
Drosera rotund
Itea virginica
Sorbus americana
Cyanea flava + interior + vulgaris + lanata
Rhynchocoea alba.
Cranberry
Kalmia polly - tea planted from
Howley Bog
Dogwood - underplanted
Asclepias incarnata
Lycopea sp.
Hardhack

Coltfoot a spring
** Spacalaum sedge field - hiking trail
@ the upper section meadow
Flowering mid-July
Plat. macrophylla - edge of
by red stump
Tulips
Asparagus
calluna
Vicia cavy
Brya venosa - rich maple-fir-birch
* collomia in area of several streams

Dioec.
Rich Spring flora area
Bread Birch Fis
Rhus, rose - frequent
Hamamelis - corn

* Goldie's F. - 15-20 plantm m. berry swale, open
Plat. femina - 1, same plan
Drept. crista
Sambecks camas
Woodseth Elms, one of two varieties

Carex viridescens

Red Trillium
Epigaea - fairly common
Vaccinium vitis-idaea

Plat. hyperborea - # woodland
from along the trail. 50 + col.

Sphagnum - 1-2m group of
30 or so plants by vertical brook + erratic, steep slope.

W/1 Carallaria macie Fl., P. hyperborea

Mortonia mic., - fairly common
Serotina spadix, burn + temp.

Chamaecrista
Melaleuca incana
Mitchella

Mahogany - common
Rosa canel - West Brook Tr.

Amelanchier xan., - by West Brook Trail, Jeffrey sictum - Cal. part.
R Oak - Quercus - 30+ plants & No FR noted.

Lime Shade.
W. Botan veg. *Adiantum spinuliferum*
F., *Xerophyllum* (loads uphill w/ white rock)
Viole consp. Solid, cornic, Amelanchier
Esocum veg., *Rubus radio*, *Epigaea*
Eug., canes *saxatilis*, *R. fruticosum*

Observe edistrib E of West

Brook Th:

Col. 1

Comptonia
Wintergreen
*Parnassia borealis*
*Lygogenia quadran* canes pinz

*Chimaphila umbellata*
Potentially alpina

*Carex conyza* - V. likely 1D

Striptea rosea - *Watsonia tri*

Several

* fus. complex - he found 1 ft

*Echinocereus laniger* (in '81)

Plat. *Macrophilla* - 1 by Thad F.
*Torratula*

Tillium grand - 2 plants transplanted to her from Thad.

Oaks F.

*Actaea pachy*

*Ranunculus recurvus*

*Coralbella tridentata* - 4 plants by
decaying log off trail, rich moist onde.

*Utricularia geyeri* *Xerophyllum Bade Beach*,

*Spinuliferum*, N.Y.

This trail starts place where Galtic's

*vt* (1E of the spring)

Rich black soil

Black Ash

Acer spp.

*P. cornus* stramine. - "orchid swamp"

*Gum Rivale*

Caltha

*Asarum canadense*

*Glycyrrhiza striata*

*Calaminum palustre* - prickly, bramley,

*Chironorea*

*Osmorhiza vulgaris* (vt) @ edge

*Engelmanni cap*
Carex lanuginosa - co-dominant
Cephalis - lota
Lirium - native
Rheum rhaponticum
Swamp sax
Cnr F - co-dominant
Spicebush
Rubia pubescens
Plat. hyperborea - 2'-3' tall
adapt plant = var. humilis
Plat. psilocarpos - several-linked

Trollius unijug: - edge of swamp
Plat. jimbou - + edge
The wider, the spindled
Plat. clear - # in sphagnum
+ open understory

Lycopodium - 3
Goodenia - 3

Potassium - 15 in Naxi
Close to Plat. Clear,百合
With WO Sydney
28 Jul

I quite visit to Teplekina site W. coast at request of P. M. Brown. He said all was daged. True! A small dog came in from road, straight to the E0 site, snarped over the site couple of times leaving me soiled. Knocked in few saplings, and I took 5" dies, then emptied. No perk test hole on the lake. Seems like someone knew just what they were doing here.

# Boodjera (± 50 FL right here) are doing well on margin of daged area.

# Linum medium - 25+ plants on dry low roadside, open bank, Woodside Rd., on N side of 1st loop, mean word of 1st loop. Col. 1

# W/ several Polygala Vertical.
Nantucket

w Bob Zaruba

Bot. 2 seq he has Actaea rubra (*50*) in Wind-
sprout woods w/ Red elder
Lady F. o Windsprout
See 11 Sept for above

Beachwood lane = Almanac Pl. Rd.
Bob 2 has very large Flex space in
Windsprout
" " " both Chromaphila
" " " U. vulgaris
" " " *Erica tetra & The Pines*
= H. Coffeifolium theory sta.

* A. nantucketae - Lge patches along E - W rd.
between Weavers Gate (to The Woods)
and rd. which goes c/w side Rm & The
Open, low - shrubby

Calluna V. - pitch further S of rd. to Rm P.

Rm Pasture

* Siy a micole - common
CoL. Few W FL, rest FR

H. dunousum - common
Col. PIX in FR

Lnumer inure - frequent to common
Col.

Area where Bob's plots are is gray heath
(h e says 30 - 40% goss cover), w/ Dittricia,
Andropogon, Poaana as the bigge

Lechea mont - lords - a dominat
Myrica gly - common
Sideratia paterson - lords, FL
After solay - let emergent + some FL
" demoena - lords - a dominat
Cassum horrid - common all FR
" pen - " mostly US now
Stigea elliott - no buds yet
Myrica pens - low bsk
Cass pens - dominant in spot
[Triasium group] - com + H. vineum
Bantonia veg - fre
Anetstepeg - not a domin, but common
Epigea
Hudsonia eric - common
Eugeniaovic bac.
A uncus panicula
Raphia - a common
Aronia abdox
Viburnum dentatum - freq. east Fl
Juncus green - common
Vaccinium park.
Rhus hederis
Rosa carol. many FL
Aescina sp.
Wall fimbria
H. lupinum - area of native open me.
Col. soil too hard to get roots
Lvs v. narrow - for this sp.

Aster linatifl - emergent
"patina - well up but no FL
Spatula - freq. pteris of hand len
Lichina - late, up in dry open areas
Potentilla canad. - spds
Salix tripla - spds

Chrysopogon pilus - uncommon
Fig. of habil looking S, SE, SW, W

E of center of Hummock Pt., area is higher
elev., dryer, W more barren more of scrubby beach more heath 

hosts H. lupinum, mor Vib. dent.
Fig. looking NNE

Carex theriophyllos
Luzula

E strand E of Hummock Pt. - picked well
of typha, w. Phragmites Sward

Listic bor.

* MAHA - flushed & from old nest in
middle of Aronia thicket, midway bet
arves of pond, midway bet. Osypelpoly Phryg.

Soludos growing + tener - Site towards S and

nearer.

No beach flora & ocean. Send H. Pol.
Only Chnepodium by the Pol.

Tephrosia - most on W side of H. Pol.

Lespedeza cap. - freq. pastures, showy
Anaphalis - "
Rubus flag.

* A. mensibotanica - Large colony
30' x 30', ca. due W of Osypelpoly
Frequent N-Wards en low thgs w. Renn. Awn.
Myrrh, Ceylussaica, Viburnum dot., Psoralea not.

Rolling topog., gave 2nd diversity. -- Bob says the area is 1st death at 1st Island for diversity.

* Ho dam, say aren't, continue to be common in right marshals, esp. fennel. Linum?

More more captures here
Topi (?), game hare become established - saw, then out
Q. pyrodes frequent on this side
Q. eliptroph - are both "5".

III S end of Long Rd.
No Astilbe, Foxtail.

* Polygonum glaucum - 50+ plants developing on Florida flat.

W of S end of Rd. W White Hackberry Cabate, Atiglyx carina, Salada, Andropogon.

* Bob says loads of P. glaucum on Whole Shallows bet. Esthetts and Tuckerman

David Gynor Says that there are Bush Rattle larvae on many sand. C. galeria in vision of Alber Rock - He described animal behaviour. I say "he told Scott Smithly, many areas depleted."

Tephria - beds along Massacre Rd. Good looking green sandplain - ought to check out.
7-29

Nantucket
Acorns - am. clump in fresh shrubby
marsh, just W of Life Saving House.

T. Creek: Heading N from Shinnecock Spur.
- Now a ditch flanked by S-15
and dense sedge.
- No Tripodcalyx

Sayama pro. - gravel path LOT &
U. Mass. Field Sta. student questions
lots more @ Straight Wharf.

Double windbag from Alpine Rd. W of
Field Sta.: Algonquin Canad., filled w/ Celerymegrass cared.

II. Clumped Shinnecock area
Rumex obiit, - pit at am pond.
Shrubby thym.
Need permission to go to S-15 areas
W of Sh. Rd.

Teedlela - good # in sand of
Shinnecock Rd. @ Shinnecock
Col.

III. Shinnecock area
W/ Barbara T. Kanian

** Hypericum adpressum -
200+ plants in & petty area C W
end of am. bog. These in the only
even bog on this rd. W/ Rhyzoches
per. cap., Andropogon gram.,
Pogonopseus, Scirrhus - attit.
2 Habranthus blight, Solidago varig.
S. canad. + off. Carpentya,
Col.
Bartonia ting.

Alnamee Pond Road

Plenty of Smilax nat. along rd.
along with some S. glauca

H. propinquum - common along rd.
S of Alnamee Rd. W/ beech, willow, Parasol

U. germinata - good # in shallow
spongy musk water (very little lid open)

A small, shin fern-filled wetland
near jet of Alnamee Rd. Lt. X read that paper.
E of Feger Hill. FL
WA 2 chen pines, Decodon, Corni
bullata

Nant Amuthloe. Asse prep, etc.

Cranberry, Ephedrums, and

Torreyachlos
Eleocharis smallii - ed. leads.

Cape may

Serratula interdita

Scirpus cypria

Some Decodon

Eriophorum virens

Open grassy heath in more time to

SW than top shows

325 says this is geologically a POSSE

Asclepias tub., 1 Hydrangea of
8 FL branches by road E
of golf Clubhouse, Coffin land.

P. citrus - 100+ same place

Predator at NW con. of golf course = axle.

Royal Pines - 4 seen on Nant.

Coffin Assp. Land, part S of the

Assymum site

No Viola seen here at all today

Asymum hyperin. - We found only the 1

plant as in ’82. 5 FLOWERS

We looked all over Coffin’s farm land

as well as area to SW and along W side

of golf course. Excellent grassy-chen

rolling plains, w. more Eriophorum heath

deciduous here.回到了higher drain section. Return out

before getting to Mentor Rd.

No Schwalben

Amcromesodion
V. Subulata - at the dog's
bog that is just E of Alton
Pra Event Rd. re Bob 2.

NE part. Also in nearby sandy
spur.

Radicula canad. - Rd. bet. Bernard
Valley Rd. and Alton Rock Hill B2

Aster canad. C Cisco we
saw 50+ plants bet. dirt Rd.
and Hummock Rd. Rd. NE only.

W Linum vit. - 20+ plants FF
W H. dumosum - 150+ " FR
W Sisyrinchium - 10+ " FR
for FC.

W Adonis aestivalis

W Linum vit. - 300+, probably
2x more in stream sandplain
just W of N end of Mixers Rd.

Col. # of plants.
W loads Tephrosia, Sag 8. Eucalyptus
Androctaphylos, Andropogon scop. Eucaly.

Aster patens +

Solidago + dumosum + patens + Schleidnera

H. dumosum - loads here total.
S. arnem. - " Total, more than I've seen anyw.
here. Col. Aster canad. also occurs here - see 9-10

Hypericum adpresum - 200+ plants
in and beside dirt + Junice road
by marl演变 S of narrow pond
& Y3 mi S of Polpis Rd, E of Alton
Rocks Rd. Col.

Nice dune of peat C S end of above-
mentioned narrow pond, W Eriophorum
Vig, Cranberry, Junice peo. Carex nigra
C. canescens - col for 1D, Elecheros
W Teretis - col. Decton, Lysimachia
Tan., Hypericum mut. Echinochloa
mucricata. W, Dichanthelium A.
acuminatum
Nantucket

W/ E for 1/2 day

Populus trem. — color by dillar
just off Quintet Rd.

I. lge open area N of Quintet Rd.
E of Wamwinit Rd.

* H. dumosum — frequent, S 1/2,
esp. E ward in scrub-oak openings
W/ Vaccin. pnev.

* S. arvensis — frequent, S 1/2

* Am. nantucketense — several
bushes in 1 area, S side of E-W rd.
S edge of field

Many Rd. Cedar in field, some pine
invading too.

Orex spicata — col from
shoalty N of old E-W road. (10 men
S side).
Aira precox + Caryoph. - Sandy disturbed
chicory
Euphorbe spectabilis
Rum spp.

Can't see into pond @ 500 cm --
too grown up w/ stubble, grass,
Some pepe as Chelone sloping bag
Mikania scandens. N - E end
of pond @ storm drainage culvert,
1st fl.

Erodium cicutarium - Sand of disturbed road
with mean pond. FL, FR, Col.

Artemisia argyi - same place
* Lilium superbum - age robust plant,
aged pepe, E end of pond thick.

* Paeonia Commons - 150 ft plants on
open sandy disturbed banks by N-S
development road, same area as Lilium
w/ Aira caroph, Paisalum, Cypsenus
filicium, Erigonum paniculatum
Col.

* More to NW up on hill W of rd.

Euphorbe cyp - in field, looks
Chrysopsis falco - loads
Pulvella polyantha
Aster ponoensis - very small #5
Rabbit Clover - loads
Cat's Ear - lots

Best to call this a dry pasture now
being invaded by bromo stuff
especially Andropogon, echinum
Dianthus, Festuca, Lechea montana,
Hudonia eric, Jaucum, sere, Erycine,
Chrysopsis,
Abundant Festuca, turf, esp. N-winds
Helena too

Paeonia 'Oriole' - freq. to locally abundant
Shades gigante - common near pond.

* Asclepias Tub. - 2 plants FL, one
age and mature vigorously, both
NE 1/4 of field.

There is a development going in here;
~ 10 houses on large lots so far.
Populus grandis - few noted along Polpis Rd, in State Forest section.

Corema - patch 15'x5' on roadside Banks, Polpis Rd, by newly-built house. Shortly E of mailbox painted w/ white squares on blue legend. Not far from high point in road.

Q. stillettii - 'grove' of 10± trees only 100m or so E of the Corema CR.

Sambucus

Cordesia lance - uncommon, hard to see.