II. Jones Road Pond, Baltimore, Corner, M.D.

This is a swamp w/ a pond-like opening.

**P. maritima** - the edge + in H2O to 1’ deep.

**Panica virg.**

Corks wattle,

J. Can.

Cephal.

Pan Q phi. - edge

R. Maple - "

Clothie - "

Smaller vol. - "

Sweet Gum - " and 1’ H2O

Itea virg. - "

Hyper vin.

Many ornamental

Pond is knee deep throughout
II. gemini 5 FL, #
ill pump - few FL
Codling Sp.
Pix
Lud. sphinx.

No EES here but the -1970's
Egret "bay" a "hide out"

This is Northern of 2 round wet-
lands (marshes or ponds) N of
the odd-shaped swamp
Sphagnum accompaniment = "floating
species, also another.

Pix

H2O level is 9-10
from top of white pole in
caput pool.

Clay before peat. This near
surface peat water body is called
"groundwater" locally.

Proser prep.

No Panicum kunit.

III. Bells Corners Large Pond
Off Jones Rd
Egret Corn wetland in MD
Cast vet - Jum
Butterbush - lots but small
Woodland vine - AM locally
R. Maple - lots sap; being killed
by high H2O
INT. Bridgetown Ponds

Too full of H2O - to catch almost.

P. hemit. - lots at 15 + sets

Cupheol
Sweet Gum - edge + in H2O
B. maple edge
N. cause wait.
Second set
2 Pts. 3 meters in MD 8-10 sec.

Surrounded by higher ground w/ more slope than we'll learn in 2 days.

Holly - beach
Dogwood - W. acres - full tide

Aralia spin.

Ar. crab - lots in E. shore MD

Sanicula - not rare.

Elephantopus - trail into it.

Hymen "Hymen"
Eriothoe race.

Eriothoa gigata.

This is "flatwood".

Coral reef W is a 2nd, round wetland that is deeper and ~

more reefy and separated by

a narrow mud bar.

Flx of ~ Den R. plus 2 of W wetland.

Pamun gum

Capral

Scrub cypress.

R. Maple sap.

W wetland resevoir.

Eriothoa gigata

Submerged

+0.5

0.0

2 + 2m

Plants -

Eriothoa gigata

Eriothoa gigata 2

2

Little braids -

Plants -

Eriothoa gigata

Plants -

Eriothoa gigata

Eriothoa gigata

AV +

Eriothoa gigata
7-04

Drive S + SW

Saururus cernuus - roadside ditch by rte 13
S of Salisbury 7/10
We saw it nowhere else this trip!

Rheedia maritima - roadside
dry to damp grassy margin
rte 13 in VA, steel N
of Bay Bridge

Festuca prat - grass, planted, roadside
Eragrostis curv - " " " "
both in VA

Gnophaeleum pum - pinky roadside
rte 58, Emporia, VA
Col.
WI Rippin 59, Helenium tenuis
Festuca prat, ...

Super humid, hot.
I. Hoffman, NC, Richmond Co.

Sandhills Game Lands, s of town
on county 1602, off rte. 1

Longleaf Pine — P. palustris w/ game
  clearings, sand rde, ...

Baptisia CINEREA — FR, US. 3rd Line
  ciplets/leaf mostly sessile, flat, broad,
  glaucous. Fat but short pod.
  Col. roadside clearing near town

Cyanus a. dumosa — 5-bracteate, thin
  plant of clearings, slender
  thin, green stem cinnamon. Col. w
  a. dumosa — ovate lvs. Thin
  woody stem grey. In woods.
  Col.

Hyper. Hypericadelia novemt. — smaller
  lvs, closely ranked. Col.
  FR

Stipulicide setacea — tiny 2.5 white, s-
  petale, on freely branched wing stem.
  Aspect ~ Vemacelus. Col. cleaning near town

Euphorbus curtiss

Crotoneges ? — col. green stem w/
  single linear-lance. Lvs., tiny
  wh. 5Fs cleaning near town

SigmonHonum fasciculatum — w/ much fl-
  branch bristle, butt fls smaller
  and paler than american, and FR
  Smaller too. Col. US. Arch. clover
  Keys to notice, but not plant of NE.

Composite — Silphium Compositum
  broad 5-8 highly cut into oak-like or
  5-pinnate segments. Why small heads
  on stem. Inferior, wide branching
  W/ 3/4-1” yellow fls. Pix, col.
  Ovaries open wide of pane

Tarweed o relative — Chrysopsis pilosa
  W/ downy hairy todecicious foliage, little
  branching except upper 1/3. Col. Pix
  Open woody clearings in sand lands
**Stylioma (Bomarea)** - 25 Apr. on roadside. Col, pix both. The one w/ lager fla, with lives no in park-like pine.

= S. p. patens, S. p. angustifolia

 서비스 Capillaries - moist roadside ditch @ pond outlet. Pix

**Xyris** - moist pety roadside @ pond outlet.

Rhychno - inespressa - do. Col, pix

**R. grayi** - only fl. found by R. @ dry edge of weedy clearing. COL. Large plant, being calm. Pix

Trailing on ascending Sigmens w/ de prick, demodium - like pix. Col, pix ellat

leaves divided into 3 narrow fls

*Galactea regularia* /

**Helianthemum rosmarinus** - only by

tax rd., right near

Hoffman village @ 1602. Col, pix

Yellow composite w/ silvery phloxes

long (city-like) basal leaves and weeks in long scape. Col, pix

= *Proxysis graminea*. new village +

= Viscaria - small plants to

8" tall; fr. line; 6 x 80

fls; red tinged FL, single. Col,

Weird plant, cepitose fls on *Helianthemum*, last

of tiny, bell-like, WH, drooping

fls, odd number FL composed

of 3 multlets together.

Col, park-like pine, cleaning

= *Tragia Urena*, Euphorb. fam.

**Anacolusia peltata** - 2 peltaria but

stumpy glandular. Pix

Hoffman roadside with H. rosmar.
Cistus repandum - pix
   Spreading - horizontal lvs.
   Dry roadside by Hoffman

Rhexia mucronata - w/ white flo'rs and
   linear lvs.
   pix
   moist roadside ditch
   var. effalvide

Sabatia diff. - white flo'.
   Green plants & tender, closed
   weedy field. W/ the big Pasque, gray.

Arenaria Carol. - Col. from dry
   roadside

Cnidocactus - in open pine stand.

Coreopsis major - roadside

Cypersus retrorsus - " damp

Dichanthium scop. - " "

D. a. acuminatum (Liguliformes)
7-05

Most of these bays are clay (kaolin) based and entirely dependent on rainfall and evaporation.

Coastally oriented bays (E part of state) tend to be larger and will have deep peat and are cutover by poecum veg.

I. Highway 23 Bay W side of Batesburg, Saluda Co., SC

This is a "high point". Ravenline goes right by E Scale.

Sweet Gum edge
Salix
Parramum

This is highest H2O he's seen.

Polygonum hydropiperode, staehy hyper. - FL, emergent
Rio in 1.5' H2O
E. lind melone. - FL, emergent
R. can. - 20-30\textsuperscript{acum}
now in SC.

Rhyncho in mud, - fide John
R. tess e corniculata

Panicum hemitomon - V.g
Sugur opp
Carlye alboatricca - RL col.

1.20 brown. - Thigh - crouch deep

Lernea hensatia - dom. Col.

Nymphoderus
Saccioqpus ?/?
- grass emergent
- Panicum hennis - S. striata
Propotum discus - rare, col, pix
Pix (pond, John) R.
Ceris, lbolutione - Oalis R. Col
Panicum cunea -

Pan. hirtum
RGGR - song
Hyper. adps. S. End FF col.
U. radiata - FL
U. rif. - floating plant
Same depth as last pond, which is only 1.5 or less away
E. triticea - col. emergent
& almost 2' H2O
Aekeath. dichotomy - R. col.
Poly. hyp. - sider
Braconia - same
Sweet Gum - edges
The Quick Stop S end only.
Polypernum procumbens

II. Saluda County High Pond just W of
Hecova village
Exp. capitifolium - tall roadside
used w/ finely dis. los.
Hecova mosaic - border of pond.
Pix of pond
Ptiliumon nod. - Fed. Endicrowed
Pix S end.

Learna hex - don.
II. Monetta Sinks, 5 Ed Monetta, E of 87, Aiken Co.

Philodendron also here.

Ceropegia ros. — "
Sticky huy. — "

We did not go.

No pik.

Peach outside on 3 mile.

This High Ponds are so-called because topographically they occur on higher ground or "ridge" between stream minor systems.

Salvia breviflora — Col. pik. S Ed Monetta by 2,750 ml. on slope, Brown Cemetery, dirt.

II. Windmill High Pond, S of Monetta, W of 87, Aiken Co.

Melia azedarach here a former house site, brought by slaves from Asia, "China Bury."

Distincted — once was attempt at distilling.

 Loads of Festuca prat. invading.

5. may, 1857

Ceropegia ros. — buck, 6 box. 2.5.

Galium sp. — leaders.

Asclepias — umbel.

Hydrocotyle bonariensis another look.

Sind Col. & John W.

Philom. mod. — leader. Pik. 9.0.

Punca crisp. — invading.

Ludwigia pal.

L. lineare.

5. 5o, = canat. = Panicum virg.

Grass Panicum virgin — leader. W.:

ary, open, arched female branch.

Col.
Rhynecho - col. Sandh
\textit{Spathites} = Pix, Col.
= \textit{Regalolania}

"Carry scap. on -"

"Put cap. also here"

\textit{Iscocia} at John Col
loads - last few meters
→ JV Sand. John quelpo, present now

Digitania - S end - maybe
adventure?

Coreopsis r. - 5-6 sites in High
Pond! place along Waccamaw,
that's all

Rhynecho - \textit{microcarpa} - RL Col
James Elliott - "

\textit{Erochichia} - Col. @ roadside disturbed
area @ county state DW;
\textit{F. floridana} -"
II. Brumthville Pond Cypress Savannah right of road in Aynberg Co.

Bordered on road side by TiTi (Cypripedium) Illex Cassine var. myrt. (Cé) Clithera Abil. — Individuals of Ailanthus 2 set. in Savannah too

Pond Cypress — Taxodium ascendens, with only canopy top but doesn't form closure

Pix D. hal.

Aristida — dormgrass

Lachnostachys — Grade, robust Pix. Cl. Polygala [Cymosa] — " " Pix. Cl.


H. fasciata — woody shrub as aspect of Creosote Bush.

Pluchea & rosea — Grade Col. Pix. aromatic, 4 fasciculate upper parts, caree.?

Rhyphae 

R. filipes — 


R. eliotii (=chamaecyrtis) — RL Col. R. glauca — ~ Capitolil, but not as dark and much larger.

Col. = R. harperti L 885 and '72

Lobelia longiflora — Lots FF Col. Pix

Oxypolis canbyi — #, no only Pix.

Pond Cypress — col. long.

Potatopsis russellii — on the Cypress

Illex Cassine var. myrt — Col. long

Panicum longissum — Col. More robust than cypress, but very xx
Spinacnus \textit{angelicae} ? — lots 
m. P.R. Cal., Pix 
No, = \textit{hernalis} to S'take! 
S., X \textit{aceous} — R. Cal. one.

\textit{Rhynia angustata} — several, R. Cal., 
<100 tall in whole hole.
Buda, FL, P.R. in bud, since all 365 insect damaged.

\textit{Dichanthium Chamaeleonche} — Cal., 
Goofy + water give it full up status. 
X = \textit{dodevanda} var. foliosa

\textit{Salvia bent} ? — W! broad basal rosettes 
of narrow-leaf, 
S. K. and blattner — super bong, P.R. adding 
so petals 1 plant FL, hundreds VG 
Attaches rosettes only, R. Pix

\textit{Graziola ramosa} — Cal., W! white 
\textit{kewd} for \textit{afghanwich} base or 
\textit{febel tatsu}, Cal.

\textit{Dichanthium ercetifolium} — R. Cal, X and is it, but 
could be mistake it for \textit{chamaeleonche}?

\textit{Juncus} ? — we don't remember any.

\textit{Schinia baldus} — locally here, stone 
but not 200 plants total. 
Cal., Pix.

This is a superb habitat, easily the 
best we've seen this far for 
concentrating rare spp. and others of 
interest + beauty.

No hemp where — & wet ?

\textit{H2O} only ankle deep. Certainly 
dry most summers.

John can't get them PC further inland

than about here

\textit{Wiggle pink} FL on
2-86

N. Hite Co. at road bank by Cassatt, SC. NE of Camden, SC. Town of Cassatt, Kershaw Co. Cutchberria (Tetracentrae) graminea – only 9 ft. tall, w/ small rosy FCS


Hypericum montber. FL
Funela squar. tall win m. heads, top shoots piles in clay ditch. Col. pix
Parazamia
- U. large, w/ 10 or 50 infl. (from) spikes.

J. debilis
Cypres lens sp. = dent. but w/ small spikes, teta. pix, col.
E. tuberc. - R. col.
E. microcarpa - R. col.
Polygala grandiflora - tall (1') plants w/ age. Col. FL50s flowers first opening. Do. Col.

Schizandra microphylla - pink por. pors. short prickly stems. Col.
ID by A. Washley

Cyanus aequiflora - white colored
Cypres rotundos - FL spikes all in tight cluster atop stem. Ge. forma in gestalt. - prosoem grass.

Gnaphalium purp. - ditch + borders.

Dichanth. scirp. - scop. but more rigid than soft willow.
Stems leaning, even not ascending.
Rl col. + ID

Careopsis major

L. col. + ID
II. Carolina Sandhills NW.
NE of McBee, S.C.
Chesterfield Co.

A. Depression E of Visitors Drive
S. Red Oak, dom.
Longleaf Pine, dom.
Pin OAK, late.
Aristida 'White Grass', dom.

Cnidoglossus
Auradania erect. - the viscid one

Viola or 'the legume' - dom.
Solidago odora
Bl. Cherry
Vitis w/ Bm. Ava.
Buckthorn, 0. ?

Yucca

Andrew 1. 117
Sporostrum
Passion
Rhynecho, 'cladode' - rare.

Opuntia - rare

all above in front of depression E of refuge rd. &

Cypress 5% - V. George

Bay, dumosa. - Same as water-oo
one at Hoffman

Tridensicute graminea - mm, pink.
(Cattail)

Armeria carol. - clamping/straw
near rd.

Eragrostis curvula - Cool planted

B. Visitors Drive 1/4 mi E of SC 145:
Rhexia albiflora - Megascopie, one
pine - wiregrass stage by road
Co. Pk.

Lyris Carolimana - do, flowers equally
wided. Co. Pk. - Cupители,
large, shiny chestnut-brown base

'Veetch'

Andrew 1. 117

Buckthorn

Multhead nuth. Fl.
Eup. album V. - Bids. Live garrisoned
Gay - a small one
Lydia marina
Schinia trigona - same as Hoffme
Col, pix

Pygopsis gularis

Citrine? - slender w/ paper
slender vert. shoot. No buds yet.

Staphystriga? - live only, trails
in 35

Aletria f.
Aster spumarius - v shorten, musc-
topped lvs, stiff & xx in
growth to patents, but smaller
and sharper pointed + stiffer +
level downward. OR A. Wallaci.
Vally. Col.

Solid, odor

Cynanchum?

Leptidea sp.
L. hirta
Rhizos. copal

Bractia pirosa - same place almost
roadside ditch. Col, pix

Scirpus Cypr. - tall, prof. enough

glaucescens?
(verticosa?)
Carex (barattii?) - l. eg plants

Wolfs 195 = pool H.
or Ham Lake. Col, pix

W/ another Rhiza sp., Lyoni,
Persimmon seed, ...

Campionulaceae - Wahlenbergia marginata

Tiny, blue Fl., full form stem, slender
Eva. We've run it on #
roadside in SC, NC, Pix

Into from E. Asia
C. Scrape slope by pond E of Oxpens Pond

Magnolia virginiana
R. maple - tridentata
Cornus E. - small
Carex terminalis - rare

Rhynos
Sea pines cyp.
Spleenwort

Smilax - long cane-like

Asplen plushy
Hyper virg. - lots
H. brevical
Erica shrub -

ovate - ellipt; glossy plate; live; buds: 8mm long; growth; Col. = Lycinia lucida

Hypericum - woody only
1.5' tall but w/ spreading branches to 1.5' - long. linear-ovate leaves paired, w/ smaller fascicular leaves.

Rhyzos micropus - RL col.

Drive to Florence, then S to Conway.
Roadside wet ditch, 15 mi W of Brown Swamp Rd, W of Conway, SC. Hwy S01, Harro Co.

Verbena bracteata - col.
Eryngium prostratum - col. Next to spike plant w/ tiny blue seed.
Hypaches indecisia - Col. Yellow Rfs and stony pinwheel matter had.
Dodee UI9 - col. Pond US,
A petal white axillary. Colonial a dom. in wet.
Carex (Pecomus) - Same as at Han Rd this AM. Few.

Rhynchos cespitosus - Lge long plume leaning to spikelet. Col./Ex.
Rh. caduca - same place but bluest short, dark spikelets and a very phyllo. Col./Ex.

Carex - some? - do.

Juncus scirpoides - stiff culms, round spikelet heads. Col.

Cirello rosae - Asc. 10
Cyperus compressa - R. Col.
Rh. inexpansa - R. Col.


Cottonwood Episode.
They were ready on 3 o'clock and a Eryngium prostratum

C. E. 1970.

Hollister Road. 3. 20. 1970.
Superintendent
Asclepias — Pix only
shallow bank = A. humistrata

Vicia or somnual — cl. pix
Galactia elliottiana

Yellow Balsam — cl. pix
Zornia bracteata

Typhonia floridana — cl. pix

Heliotaxis wardii — cl. pix

Waccamaw R. & Rt. 8, SC
SE 1/4 Longa

Dypsis flooded normally but no see:
Acacia Retinula nigra — almost rhombic
# shade & seed — nearly throught.

Salacia K. — FL 12' vers a cl.
Prob. due to flooding states. Also, #
are noticeably whiter around bulge than
ours. 10 or 12 petals. Cl. pix. FL 8 may
in size & spacing. Due to rain storms?

Pandorea magnet.
Acis dum —
4-petaled, paired buds, we cl. it at
lith = on S01 = Diodia virg.

Gratiola aurea = cl. FL
Cotyledon — Saplings
Tiny blue heads on trailer — cl. at
S01 = Eryngium prostratum

Panicum virgatum

Asarum dum

Rhyzomia capobienu — see how plants
Learn to look for plants

Polygala — Pix

Carya virginiana

Ludwigia pal — note

L. carolina lane, live.

J. Daub — type

Panicum rigidulum
Salty Sp. - looks like nigh or
Bald Cypress - just upon bank

Casuarina

No good zonation here

P. trichocarpa - X-r70 where #
B. Cypress

Cassia x Vetch

Alternanthera philoxeroides
"Alligator Weed" - Alan

Rhamnus - roadside ditch
Along 905, 130

Mu. Alan Weckley @ L. Waccamaw,
Columbus Co. NC

Pilu. scirps - 3 Cos. in NC, will be
listed

Droa. fil. - i.e. an element --
Wet savanna. 7-8 Eos

Eleoch. melano - savanna

E. triost. - certainly listable but
not tracked.

Stachys hyp. - Pretty rare in NC,
but in good conditions

Rh. inundata - clay-based Carolina
Bays; Deline in FL

Rh. Turr. - Alan unfamiliar w/ it

Parnassum wr. - + Cos.

Ericameria sept. - rare. Dry ocean @ L
Waccamaw + at E. CP lakes
Amphicarpum pulch. - in mesquite rare! He thinks G3, maybe G4

8-10-81, S, C.O. 3 C.O.

Leucosperma - roadside ditches, etc. 2 II

E. Green Swamp area, Columbus, Brunswick Cos.

A.1. Driving Creek. Shoddy Savanna

Rhodia littor - P1X, Savanna only. Col. 

$T. Theresa 2 look X at distance

B. Ludwigia virgata. - icy yellow

FLs are at stem. Col. P1X

Vac. cresce.

P1X is moist.

Stenocaulon

Vitex sp. - green

Baccharis, sparsa

P1X is pumpkin plantation

Pixie
Flex cornea - in wet stream
Lyssus lucida - dom by woody pla
t

Polygala - col.

Lysim.asperatifl. - 6-2

Yellow Pitcher Plant + Purple
Sporadolis tenuifol. - 6-2

This is the #2 wire grass

Tofieldia rosea - butts, FL

Linum florid. W - beak, FL 2'

Polygala nodosa - light pink -
col. P/V stand on stem w1=panded br,

Tofieldia rosea - butts, FL

Mule - expanded

Oxalis nuda - Oxalis

Plat. cil. - will fl later

L. tenuifl. lasts only
Dichromena lat.
Daucus rugosus
B. occidentalis
A. tristis
B. chenopodioides
Woodward in - oca, + cd.
1, Rosin Vtg.
Red - cock - wood f. + metole in
Rhy. plumose? √ - super seed
Pix. Col.
Eup. - = pelous - but
Adenophora
Eug. - var. viria
Aster - 15 FR

Eugenia venusta - basal li. only

A. aromatica = Texas eucalypt
Pix. in FL

Cane - only in densest shrub
best trees of pine savanna
on steep south

Andropogon glomeratus

Plecan - 35 FR

one of best savannas in At.

D. brev. - FL pulled gen

Fimbriae spadicea - Col.

Sabatia camp. -- I think I col. it
here.
B, Big Island

Wettest and most diverse southern in NC. Not researches who burn past yearly.

Egl. r. r. 105.

E. J. Leuca. — col.

broad r. 10c + Br. for Oct 40 or so.

Fromp. Sciricae / 1. 2. Col.

Spore. tentr. — dom.

Aristida stricta — "

Salvadora pręg. — St2.

Plat. mica — perhaps 150 in bud. Fl. Pix.


Plat. cort. — cort.

f. integra — present but 1 or

Fl yet.

Q: Flugh — do.

P. cel. — do.

Abgogen publica

Sporanthes lanceolata — oct—Nov.

2 extent pops NC. 1

Eriocaulon dec.

fere causæ / Othrocum, Typhoëtes

and 2r. Cibyramus / worria

Sébata dracaena — rare ditch

Col. same white wattle

= Col. Fe.

Rhusia litter = also ditch

Ryncho. Col. 2 — longy head

Col. V. = cibaria

Dichromena — pix / Col from sciadis

ditch. — D. lat.

Col. pulch/ tub / east FE

W. lst pers. / Eleutherocyt.

J. lay. / Ciberaunthes

Smiles Walteri II — same place. 1 2.

FB
Ludwigia priosa - some dink
X sphere, but hairy
dense

Gordonia - along dirt road

Red pine - Gordonia racemosa

w/ Similax nita. Dix col. Also same
w. cedar, tita, ray, vio.

Dix of clearcut by paper co.

Dry thorn bunch, prepsite
and plant pine

S. X. Kholo wandlet (doleen)
E of 211 ½ mi from road, N side


N of Supply, Brunswick Co.

Triedman avg. - don on spaced
peat

Dec., int.

Pond Cypress

Decidar - don in swamp

Xeris smalltina - floating
peat.

Nymphaea

Rynchos. alba

Lyonia lucida - edge

Dulichium

U. bifida - late P L 11

Sphageum cup

Tita - edge

R. glab. 4

Des. var.

Nysa bifida

Hydrostyla vert.

Calopogon tub.
This is to our Abant, ichtyes w/ crested heads and to

D. Sunbowl #2 - mini from
to 21/s same week.

but shallower w/ ethtes of Psysco. cymn. (col)

R. Carey
Phyto. tan. = coccipit but
paler.

Pit of hubo + Alan W.
Pit of titi

Cat of vac. crassif. from sandy
vallely just going on
also was mute.

Cat, Pit of Lachneran shape
on unusual flat circular mat
prostrate - day did on
II. Belling Lake site hole pond.
   Brunswick Co.

A. by subdivision Fifty Lakes Dr. under power line, E of B.S.L. town

Pine  hemit. - in IOO tree stand

Ledum decumbens

Rhus leucocarpa - Col.

Drosera capillaris - calculator, w/glance
up. f. leaves, some spathes
Col. - Adams

D. Wright - Gado, Col.
   A door at upper. Densely short pub.

Antella FF

Lycopodium  Appensum and reduction

Rhynchospora - spp. - adax. - glauc.

Rhexia  emiliana  & V. - col. pix.

C.  mid to upper

Andro. glauc.

Eriophorum  uppe

Tiarella  spp.

Rhexia alp. - leading upland

Scleria ciliata - """" col.

Cistifolium V

Hypericum gymnanthum - stiff succulent

Esse. L. L. - st. to later

Even when 3" to 5" skin and plants

Ludwigia sp. N. street, east side

Eleuchia densa

Xyris diff. - by 1720

Eriis camae - down by 1720

Aegilops sp. - Vineta?

Ferulina squamosa - mid zone. Col. pix

Ply. ramosa - yellow

Lachnum  alpinum minus

Small, taut, col. 10" in mid zone

Drosa. int. - lur.

R Maple - upper edge w. N. pond fine, 1762

Mag. 61 - W. shrub

Sporobola - = Panicum teretum

Linear inflorescence, mid to upper

Uncomp. - Col.
Scolicia munblot. - xeroph. but
w/ drooping lowermost spike
Col.: Unknown.
I'd say a good species!
- reticulata var. pubescens
Eleocharis elongata? - very cus.
red bases, in mud by h2o.
Heads barely thicker than culms.
Also see a few sites in known as NC.
Smilax Can. - upper W end.

B. West. Dutch. by RR, same dvel.
Boiling Spring Lakes
Rynchospora pallida - Goods.
W. Pix, Col.
Peltandra sagitta - Pix.
Reed. integra - here, but not yet
in FL.
Rhus fasciculata - RL Col.
Linum stratum

C. Variable shaped pond, same dvel.
(We came out into SP outskirts)
Penicillus nigro-azure. E end
Eleocharis acic. - Grade more HT. 0
Cep. l. linneo. - upper.
E. leptophyllum - mid zone. &
Col.

Lachenalia
Dich. wright.
Cyperus? X. Tenuis. Con. odd morphol.
Lands mid & lower. Col.
Hydrocotyle - unk. E.
Poa set. - sward /adom
Ludwigia adtulat - same as previous
pond, but some 3. in coppice
alber.  Col.  Pk

Xyris
Juncus pelt? = Col. = J. aborthus

Dich. chamael. - same glance as

Rh. /fusco/ - don mid - upper
E. elchi. miltor. - E. uncom.
U. corn. purp.
masses
Q. qemina /small lime cake

five years - upper edge

Epacrinum adtulat - comp. - standed
small

Pepache/ramose

Pic 1 - motion + pond

Dich. chloracyn. - upper sandy margin

Dich. - do.; a dom

Sedars. - dry sand

J. pelt? - col.

Juncus repens = RL col.

D. Pretty Pond - NE + B.S. L. town
E. Boiling Springs Lake Rd.

Fenced in; NSA camp. could not
look at

Very broad exposed margin

U. corn.
U. lift.

Need to do careful inventory!
E. Pondlet W of Pretty Pl.

Dry.

Panicum virgatum. - & complete dome.

Rich. - Wright -ooke above P. h. not there.

T. pelo. var. crassicaulis = abortive Lachmanthes.

Eelich. acie. - dom around pool.

@ W side -

ORU damage all around pool

Quick visit

III. Ocean Island Beach

S of Shalott, Brunswick co.

Seacats on dunes

Amaranthus pumilis - 6 plants VG in sand & foredune w/ cafele, salada, ? rape. poly.

Undistinguished hike and certainly not undisturbed much the IRA beaches.

A. Try most on this side and at Wend but must - to $5
IV. Rte. 904, ditch N 1/2 mi
E of Waccamaw R., Brunswick Co.,
W of Regan village.
Ladner's (Note)

Epipactis - 3 fl on S side
towards rio
Eryngium Yueyi - pic

Fimbry sparsae - Same as earlier

Sal. camp. - 10+

Rhexo 510.

Peperomia leuca? - tall one &
saurine patina

Dicksonia

Succ. minor - 1 clump S side

Ludwigia graffii - apparently 1 clump here.

Polygala mariana - RL cal.
VI. Tupper Creek at County Rd. 1928, Columbus Co. at Brunswick Co. border.
Cypress, Illex amelanchier (col.), Juncus repens (same as at variable shape pond)
Pix, Col.

VII. Myrtle Head Savanna
off dirt logging rd. off Myrtle Head Rd., Brunswick Co., N.W. of Exum.

too late in day for good pix, census. We beat wet savannas.
Pix, W.R. A.
Thalictrum cooleyi - Pix

Dicranum lat. - Goda
Adiantum lutea - G. Pix
Juncus squar. - road
Lycopodium alopecuroides, huge. Pix
Marshallsia - J. J. but
Dinaria
Plantago specia. - G. J.
Sacca, flava
Caterpillar's Lily - Fred Han.
Polycera ramosa - shortone
Rhyhochospora cephalantha (R. Col.),
Chaparral (R. Col.), gracillata (R. Col.)
Plumosa " - W. Cott.
Schinia gigantea " - pachyflora (R. Col.)
Fimbrystylis sp. - Noachene - R. Col.
Selvía paucifl. var. card. \( \times \)

\[ \text{S. \textit{vita} \textit{eclatant}} \]

Pond Cypress - Sitte.

Mag. Verg. - "

Wine Grass

\[ \text{Pix of 1000 + 65 year old Cypress} \]

\[ \text{Beach R @ 855} \]

\[ \text{SW of A.T. Kessner, Ronder Co.} \]

I. Cutgrass Bay

Sampon Co.

Dick: Chameleone - Seen as yesterday's glaucent - Browed SP.

Don

D. Wright - Loads

Learned box - dom. - but permanent as in SC.

J. "petrosilica" = abortives

Requia cumbias - Pix, Gal. de magnosta - pink. FC.

Fac 20/17. Cons ramen

U. Fino Rosa - Anda FL Stranded w/o

Special vy. Less - Pix

Panamer. Hemt's Dom in huge swaths
Scleria mukei - ray. var. pub. 
Pluchea rosea - Late set. Pix 
Eury l. linear - Uncommon / 1 yard 
Anchus - capsulares - SE Co. 
where dominant upper margin 
Ur. + St. Obvious 
Eriocnthus - giant - 20, but

Agalinus b. knifelike - U. tall (21-
3') unbranched, paired linear leaf, which meet at bases around stem + form sheet, tubular running dm. to next Co. 
US only, no bud yet.

# odonate 

Solid leaf.

BAS surmise that this is not clay-based 

Panicum tenui - grass, very wil/ short smooth. We col. it yesterday at boiling ponds. Co.

Salvietia diffusa - feet of cyme as at savannahs, - several @ upper margin

Savanna, flower - do. 

Bee 

Bentonia panic.
Sand hills half
Pix
Gymnopogon - intragrass creeping
prostrate by root.

Evacuation
Gymnopogon refracta N - vopen
any ground. Od from
sand nd. @ N end of bay

R. cedar points on dune --
YES, tree up to 60-70 to cover 3 or 4
into shrub assem. w/l'em
IT'S also in the deciduous forest as
successional stage

II. Bay Sandy former lake rem
(Antarctic sand) on county rd.
from 242 to 53?
SW of Ammon, Bladen Co.
A. evergreen carol.
Selaginella arenicola - sel, fix
Dichranum condensatum

O. Fossa
Turkey Oak
P. occidentalis polygona
Sphagnum (sp?) - swamp plant
Stipulicida Caryophyl. UE've seen it in
III. Pretty Pond, St. Paul's, Robinson Co.
TNC Preserve.

Red Cypress - dom -
Small

Rhycled - dom W and
Eleoha. tuctot. - locally dom
col.

Dich. wright. -
Anthopogon

U. radiata

H2O less than 1 deep.
Sweet

Sag. isocy. (?) √ - col.rix.

Lords rosette W long ±
Phyllaria - these all
under water, while some plants emerged
Col. both types.

Eleoha. melano
Panicum virg. - var. culexense

Sclerolopia - US, FL Col.
Uncommon

Scleria reti.var. pub. - x reticulans
w/ dangle

Now dry, NE broad show
when burned in '89
w/ loose feath. w/ Eleoha.
melano.
1m FR, FL Col.

See over - bottom

Dich. canescens? - same place. slender
live. upright appearance.
Reduced plants.

Lobulae mut.

Rhyncho. globularis W. EFK, small,
 blunt spikelts. slender, arching
NE & S Snow.

Hyper. gymnanthum - same place. Approved
w/ite lwo. yel-on sm. fe.
Exp. recurrent? 116 col.

much more common present
than I. leuco. and I. clearly
recurred (+ pleiota) like that here
red. y. teeth. Burnt shrub

Pericoma hemipt. - loads in H2O
but not dense swaths

Vac. acutif. - front edge
Rhexia auzi. - supposedly here

Rhynchos. perplexa - RL col.
Scleria ciliata - " " var. ciliata
S. verticillata - " "
Cyperus retrorsus - RL col.

Dichanth. acicularis - RL col.
D. excipulum - " "

I. dichotomus

A The Scleria I collected here has no danger
and is nominate reticulata. Nov '90
So is one RL col. here

II. Rhina hinauxellei

Plum Thicket
dump site off
New Antioch, Hoke Co.
Prb. all I. indiv. - 1 1/2
mites, pix

II. Antioch Church Bay
off nlt. 211, Hoke Co.
Pond Cypress

Lycopodium - 1 ea
Escher. triquetra - ook dom
Rhy. canicole. Col., pic
there = Caryana BAS '01

Pluchea rota - 6eds
U. radiata
Syg. isocyclis - col., emerged plants

U. radiata
Rhexia auzi. - supposedly here

Hyper - same near II.
Lobelia - spikes, blue, PIX, Col.
Sabalia dilloniensis - Sm, white FY
Seabiscuit - Pix, Col. Lots.
Euc. 2 River - looks

Polygala eymoza - rare

Glaucous slender plant w/ salt
linear leaves - lots.
No FL yet.
= Boltonia asteroides

Sclerocephra - in bud, local.

Caryx weak - prob.

Gratevia nanosa - white, Col. Pine

VI.

Troutell's Bay

by site 401, SC, land Comp. 50
(wornout S. W. Wagman - BAS)

P. hemitera - dom
bush, shr., - dom
Psile minutum

Sweet Gum seed - S. edge

Rhynchos tricyle - Col. Pix
Round, spiny heads. Can also
occur as big patches of stalked plants.

Lactuca virga - Large, 2'1, by heads

Pappus lamellae - Col.
we saw it in SC. Plant mostly
from SC, and 2 Pam. Bogs.

Scleria reticula

Briandusa gigantea

Solid. Tea

Anther - glaucopis

U. radiata

Knee, deep, but dry in Feb.

to thigh.
Elesch melano.
Lactea hex.
Lycopeno-emplent.

Acanthus junctus - large NE show.

Rhezo auris - supposedly here.

Hypericum hydrenchyma - 1/2 of the one w/ apparent mats & c.

Peacerromon - c.

Raphia micorosa - BL col.

TRAPPY ceders.

I. Cylindrical cedar glade N of End River, Durham R.

From Old Oxford Highway, take left (100 yr)

and continue 1/3 mi to top of hill. Glade is m.

E Sided Country Rd. 1631, N of Weaver, Durham Co.

Ruther woodsey w/ small openings and semi clearings. Occd low outcrops. Very CA on MA

In complete list:

R. Cedar, cals, tachia, redbud.

Diesthith, boscii W fat leaves, long-

hairy node. Col. W. close to cals.

Teoscellum aurant.

Silene virg. - pink. FL

Saniculoce sp.

Agromon - possibly pink.
II. Butner Grade E
County Highway 1100 and W + RR
5 of Butner, Granville Co.

Walk in-tread by "Natural Heritage" sign.

Verbena simplex - FL, RP, PA, CR.

Pantzerium integrum - composite w/ rough leaved foliage and white ragless head on P. canescens.

Salsola galea - R. Col. glebriuscula ciliata var. galeosa
airy, open, vine Horitonia
Diosco - Cota
Oenothera perennis
Ruellia humilis - creeping/FL, PA
pix
Salvia angular - wide. Col.
Polygala vest

Tanacetum tenuifolium - FL, PA

Cucurbita pepo var. - Col. from Verbena
Aspen — short, wavy, bushy, & plant US
Lobelia spicata
Senecio sp.

Dayflower — prob. native, may become a canya
Aster sp.

Ascleps. went.
Helianthus durius.

Post oak variant

Veronica little bugger up to 1' tall, green, triple pinnate leaves

Lichens — xeric openings

Trichostemma bunch — sake up in colonies w/ beardia

Dichanthelium — in prairie mats, col.

Rosa caesal.
7-10

I. The Savannah
Prime Hook Rd., NE of Rehoboth DE Sussex Co.
Knee deep H2O all way thru, up to mid-thigh max.
Solid, Ten. super dom. emergent, 1/2
Cannas ps. — — 1st buds.
Eleocharis oblonga — lot emergent.
E. triest. — lots FL emergent
E. quad. — irreg. 4-angled, 1/2 FL 1st
43 FB, float @ N end. Pix.
8 Chara sp. total.

Pix of bay
Sweet Gum edge and in it
Persimmon — — —
R. Maple

Rinus sp. (vig.?)
Smilax bush — Small w/ Tannate rise w/ spindles around margin. Blotted. CL
Blackjack Oak
Solid sp. — slender, glab., even get smaller upward
Hypericum
Lechea intermedia
Ruellia caroliniana — taller than hem. upright, and lavender FL
Allium aethiopicum — cribed. CL, along trail as get to opening.
Lechea trinervia
Scirpus giganteus — RL CL
Elliptic in shape and oriented N-S on 30°; more like a true "Carolina Bay".

Pineau - 2 in bay
Other O-edge, exp. SW.

Hydrophtai - adpressions - E part
where E, "guard," numerous.
1 plant - good @ NE part.

Chlamydom
Rhynchos Chalophyta - tall emergent,
> Chlamydom on S, & &
30 culms, 25' NE 1 in central/ all 2 pieces.
WODU pair.

Surplus S3-B term. - long stems
semi-floating

Cephal. - E side in 738
Leucothoe race - "" emergent.
Smaller red - Lake, E edge
E. melona - several stands
emergent on W side

Edges are too shady at trees to
have good flora; even the
gradually shallow.

Dra. marined.

No Panuncum limit.

Bottom softer than the limit line
bays.

Musie wide. up on 20' edge
surrounding 5 part of bay

Tulip Tree
W.O., R.O.
Dogwood
Carya cordif.

Ep. Horn
Annuina & Cr.
Sanguinaria

Cimicifuga race - #, 2 or

Panthea
Podophyllum
Circa 9a.
Polygonaum pub.
Galicium infl.
Oenon Vio. - Plate ≤ sepel.
white.

Kudzu - 5 of Dan
DE on 13

Talk to Dept. meeting, etc.

July 31. Holyska
I. Talk to DEFM interpreters, stop 17G1 Holyoke

II. MT: Tom &
  1/ Andrew Williams

Agropyron trachy - small open knoll NNE of Whiting Res between the entrance Rd. and the road up to TV tower, only 100m up from beginning of tower. The deepest gully on N side. 50 cm Cal. 5 Fk

1/ pump, Cenex Ephyale, track, Cardenille path, Croydell, death spt, Speculina, Paramica, linear, Poly, Chlorotis, Speciosum calycina
Dichanthelium oligosacrum

Pyrenatherum incanum

Arctostaphylos

Linum virg.

* Andrasia miss.

Liium phil.

Cal. Campanula - roadside

As in solid.

Dichanthelium

Pyrenatherum - very semi-open

* Merlot - dec. gold.

C. hirsuta - same face

* Coxx glaucus - same, down slope a bit, edge of open caliche

C. hirsuta - same face

Penaeum linear.

This is at Wedge of the Big Gulch on topo, perhaps where "27" is in "mountain" on topo.

A crev is just 50-150' NE of a now dry, 10' wide, basalt crack bed, where on the S side the slab is bare w/ a lone white sand and great view.

* Pia of lichin grasshopper reannotation

Agrostis scabra

Prob. dichot. x acuminata var. fascic.
10. Tell Andy which sp.
   Reddish info in distinctive - W
   White
   Liliaceae canad. - 1 Yellow one
   FL in shrubby wetlot among
   great rock slabs E of summit

Cupra cap. - 1 small plant FL

Silene antirrh.
   Liliaceae canad. - on tail here

* Have seen. Copperhead at NE Cor
   of the TV ledge. Also at 2
   other sites

Brassica kelmin - has got it on steep
   vert. Ridges W of TV ledge

Oxalis wre - on rocky slope
   white vernal cresslet runs between
   3rd and 4th water bumps (both like
   speed bump) as go up road to TV.
   50 E down slope down to 2nd level.
   Result of such speed is just 5
   on SE of here. On road this is
   just 5 (350) of a road out.

W. Ostryca, few s. maple with
   Canada ironstone. IHS 2/3, Azacolia.
   Liliaceae canad. Brassica, pub.
   on pines. Multl. sols., few conn.

* pholis. Rje Arsenite
   He says 200 F. 3 FL

* Canada glaucodes: same place,
   24 F. 5 UC
Parasite can - 14-15' ledge
roadside only 50' from bottom
of TV road.
With lots of Hydrilla.

Andy looks like J J

I. Hortegue Plains

w/ R. L., Pat S., Steve R., Terry

Chesapeake Bight, Delma Harchman

Vac, Stannumum - several FR cir, burn

area 1977

Pit of 87 burn, now grown up
to knee high or waist to high
Scrub o., Q. prairie c., and voles
Ichang... ? Dave F.

\* Carex s. fjuens - burn

Helopogon - Losto.

Ditch, erosion - lots.

Kriga V.

Bulbus.

Lycoperden - 1 1/2 pop. Ed burn by

plot 1. Tan O., Clear. Lake

Var. meza. ? - U. long tobie + stick.
Red, ample. 1 next to line. 1 half, boil. & FL synapsis.
Cane & cable "mudgel"
C. canadensis - line S.E.
Run N-S and... Fix

Chersia cry - in almost neat around... Solid from edge.
CD 3 culme plus 2 clusters of basal live from the big plant.

Vergo Tiger Moth - 1 seen in bowl #2

** scirpus aucubae. -
4 10 plants with as few as... 1-2-1 culme and 2 or 3 of same type... 19 culme. Clay. Fix

3rd on northeastern most bowl in sandplain N of Green Pond. Im 2 slit in middle of bowl but 5 cts of slit...

W/ S. cyper, S. atrocaerulea, Glyceria can., Carex lindia, Sphegnum, Hypnum wing-edged... bowl, T eff, edge. Swamp...candles edge. 6 x sp. (yellow...need). Carex scop. edge. 2 spicata edge.

Cypophila mur. - FT on sandy road... side of Millers Falls Rd.

* We checked the plain area, the... E-W powerline at N end of plains couple dirt roads, and... powerline for Schwalbten no luck.
II. Check for *Euphorbia moschatia*, former tributary course of steep slope. Picture Falls.

III. West Mineral Field

No fingers exposed on slope SE.

No obviously wet with wood flora.

*Sp.* by R.C., W.E., Carya, Poplar, Chastet, O. dec., W. Birch.

- *Hopiacea am.*
- *W.* pef.
- *Carex nig.*
- *Tym. coryl.*
- *S. rip.*
- *Goodenia pub.*
- *Kalmia lat.*

*Normal flora on W. side.*

*Glycine* alba

*Menispermum* remp.

*Hydrocotyle* am.

*Carex* stip.*

*Blu.* pal. *Cono.*

*Lysim.* vib.*

*H2O up to 1 at 15 ft. + permanently wet.*
Dune 1 - along rich outlet
of wetted pool - 3 plants

\textastereque - cote
\textasteriskcentered q. - "
Basswld - fill
Burchgate.

\textasteriskcentered rich was three here.

\# chestnut E of creek, up to 40',
tall, 5' DBH

\textasteriskcentered back to Montague Plains, 50 miles.

Ascll. 

\textasciitilde = pump. heat
\textasciitilde = pump. heat w/ sharp point & angle.

4 FL, 10 x 50 at Gray Birch at
an open field by N-S exit Rd.
and SW exit Rd.

Heads short and blunt.
Comp. to normal syn. 100m. away.

Casey, Scoparia - "Casey" w/ erect culms,
 stiff, 4' x 4' spaced erect, glabrous.
\textasciitilde = stems narrow spikes.
\textasciitilde = tough roots 8'x4 cruis.
\textasciitilde = same old 450 ft.

\textasteriskcentered 300 wood lilies in main
poweline

\textasciitilde = Nettles, 1 1/2 ft. high
\textasciitilde = Need to recheck!
7-16
w/ Kathy P.

I. Ft. Phoenix 5 R, Fairhaven

Cypres	um
Linum cam. vgl.
Dune grass
Cupressus fist. var. mac
Aegia sylv. - lots
Aster st., var. pal.
J. tenu., green
J. artic., saltmarsh rocky pool
Sea Rocket
Bayberry
Solidago, rug., green
Alum leaf, white, 3 red
Aster ferr.
Eriogonum
Lysiloma, ppa., hairy
Androscoggin
Ceanothus vgl.
Graph. obt.
Phrag.
Salix bbb.
Salix alba.
Saponaria - lots FL
Daisies
Bromus TWS
Poa comp.
Dandelions
Plantago lance.
Aira praeox - low rock outcrop,
PI lots
Eradicagi
Trifolium procumbent - the tiny one
Scabious O.
Rhus pubesc.
Cherry
Tupelo
Smilax rot.
Asclepias sp.
Trapa pumpkin FF - few
Equisetum aw.
Sedum altar.
Heal-all
Angelica lin. - looks like it's on Am. Isabel

II. West Island + Scented Neck
Salt pond @ S and S. W. is
U. Good - check it out later
for botany.

Knavel - causeway to W.I., leg
Ellegro
Spergularia marina - s m edge
Elymus haloph.
E!
Succisa lin.
Limonium - loada

2 STSP
2 ad WILL W/ 1 + strong yz.

Cenox - Silica
Rabbit Clover
Oenoth re.

& Atticus - 300 + FL in mean
roadside + ditch, mean Rocky Point
Col.
Holcus lots
Plat. lea.
Ragged fringed 0. - 1 FL
Ips. int 3 rot.
Sphagnum
Dichanthum spicatum

D. matia - Col.
Lots in
Ditches NEBC
Polygala sanguinaria
Fring. pea
Rhexia V.
Ilex glabra
Kalmia ang.
Apoxis
Rubus hisp.
Azalea viscosa
Penstemon vis. spiss
Basionema
Cal. cinereum

Mineral soil seasonally wet, perhaps clayey. Town

Lyco. i. inaud.
Clotho, V. aud.

Good, but not great habitat

Sesqu.
Rocky Pt. marsh
NE towards inlet, tombolo

Pretty good beach flora
Antennaria sp. - don't know
Atriplex arenaria - lots
Chenopod. - 60
Salvadora
B. pea - don in low dune w/ Ammoph.

Euphorb. poly.
Genist. pea.

A. simplex west.

* Poly. glaucescens - at tip of accreting beach w/ good flora.
Col.: 3, col. part 1.

H. horchyan - rare

* Achillea lanosa - 300 + FF
in stable side of low dune @ Rocky Point. Col.: 10.
W/ Ammop.
Genist.
B. pea
R. rugosa
Talk to DEP interpreters, Hubbard 58

Jerry Flaherty showed me plants of Plantago indica from The Gorda, Santa Cruz

I. Darre Core Paddock, Hingham

Lycopodium - cl. from 1 plant

Scotch Pine - not bad

Cells - #4 along 3rd and #4 #5

Euphorbia esula - cl. from small roadside pop. Plane to 50 old pines
1/6. opulus - same place. cat. only, seen.
    Michael Doyle - go, Esker PK retentent.

Drochampsia flex - bank
Dicketti, linear...
Lactea villose
Aveneae pedic.
Uvula minor

Corylus cam. - heavy w/ FR near 3A
Amel. cam.

Limonium - white saline marsh
Iva - Cato
Sp. pat. pat. alt.
Diatrich

* Osprey - nested on GO. Esker side this year

Scarlet c. Rd, Blk, W.
Carpa. glabra
BL. Chry.
Rhus. fab., cyph.
Rosa. miiet.
2. Populus

2. Buxton - becoming pokey.
  Phragm. aquifl. -
White. Rubberry
  Bajtiias
  Dianthus
  Ppa. campy.
  Timothy
  Plantago asul
  Crown. hetch. - chested.
Sclere. cocc - cita in 1 field
Traagogen. dub. - " " "
Melitites alba
T. querc.
H. bethy. can.

Bad. Core - excellent accl. shape
* They see. Bean. Sury in where cty.
Blues nest.
Sorghastrum - # by Pap.

Achillea millefolium

Ligustrum capense - could add N<sub>2</sub> to topdressed fields

Baptisia, etc.

Solidago virgaurea

L. Bluestem

Anthroneanthemum

Brown-foxtail

Green Ash - by pondlet, rich soil

Centaurea maculosa

Cissus aquaticus

Brunnera tenax

Shell deposits were there, plus Indian burial, come back for Trisetum

Il.

Stodder's Neck, NY

New landscaped & mown by NDC.

Some semi-natural thin around edges

Carex silveira

Celtis - several here, FR

* Tulia neglecta - L<sup>+</sup> cap NE part

Some FR, FL, CO.

40+ mostly right understory at shrub tableland

Heptacodium

Rham. cath., - pecky endosperm.

Acer platanoides

Ailanthus

Cyperus - vigorous in good soil

Tulip Tree - established NE

Rham. frang - one protected by wooden post - boo!

Celtis - age - tile CNE con is

40' tall, 2'DBH where it splits

4 into 3

10+ trees on Neck
Suncha - the glandular one, edge of tidal zone

Calotropis orb - becoming too numerous, FR
Pinnae thumb - planted
Solid - June - Cobra

Tiliaeurop. - planted, die a few escaped, all or nearly all FR now, as opposed to F. T. neglecta

Liquistium
Pohe milkweed - 1 FL

Campanula lehia adpressa. - FL

Lath P. T.

Prunus/Pyrus xedlini
Amorpha fruit - N W point area and w on banks, 4+ FR, Col.
Rose multi becomes problem on this

This all disturbed, grassy beneath, benefit of natural herbaceous veg!

Elaegnum umbro

No exposed bedrock

7-23

Pamela Stahlwir w/ Kathy

Vernonia 1-2 plants in bud in 1 field W of RR.

* Rumex vert. - 10 or so plants noted in passing at at least 3 willows, all clustered near by the RR or not far from it.
7-25

w/ Ellie Armstrong, Dick Backus, Ann Buckley.

Ellie said that once she got chiggers on Naushon Is.

F: Angela TSW Pond, N of green. Fend, Falm.

Vib. d. distatum - lots
Aster divaric - " in roadside and wds. by hollow
Pond is ranged w/ Decodon
Myrica gall

Agrostis caespitosa - the one of wooden paths

Solid caressa
Dactyl campestris
Comus floris
Goodyera pub. - 2 ft, 1/2 ft

Polygonatum pub., - rocky hollow
Fagus - 2'-3' d.b.h.

P. f. - adom. in hollow

* Actaea pachy - 3.5 + F.R. # USGS
"bouldery hollow under OSTRY, Fagus, Comus floris, Nutie

Polygonatum pub., T. f. Honey, Smilacina racem., Hay scents, Cornus muc., U. O., 8:00, C. yanceys, Vib. decory. Artie said

X: P. F. - same area, 5-6 clumps

Lady F.

Asplen. pty., - few
Carya glabra - in force. A. E. Col.
C. swanii

Pyrola ellipt.
Dieschamn. dichot., - #, good nominate

Deschampsia - uphill on 322

Scarlet O.

Carya tom.

W. lime - rare Twinkle Sft.

Winged Evening - 1 small one at edge of hollow's mouth
Galium circ. - on the small hill near the mouth of the valley. 40 plants.

Ranunculus abort. - dc.

Carax digit.? - col. piece for 10 few plants, = blenda NV but not slender like.

Give Dr. Hall a list of Dick.

Asclepias tuberosa - junction of Route 151 + 28. EPA pressed one.

II. scrape southwest running but. 230
and Cutt Rd. Sandwich. Shortly 5+ feet of 2 roads. Go in from Cutt Rd.

* Lumn. ext. - 10+ plants FF

* Pitypota matt.

Sweet F. - dom. L. Blue - "

I. ciliata cap., thuja, stachy., introd.

Baptisia - dom.

Solid. rug.

Rhus Hyper. punct.

Actin speed. - Gts. A. patem.

Clayey sand

Jasione - here by road.
III. North Hog Pond
Now also w/ Minor D.

Cottolimia - ?
S-Shore, E, SW
Cercopis co - Grade
* Staphy - Gto

serious sediment excision from golf hole #3, SE car, pix

* Poly, peak - S Shores, E, SW
200+
Lycopers. amp - Grade 2

* Dronn f. - Grade, esp W

Cynemonia - Grade, Tm, "

* Linum in? - II - inner angles
& glandular, red upper shore, NE, w/ lace

3. Ag, pump, pump - US
Bugs, fly, 1, hype
Hyper den,
Aquatic weed - pix & N end

Rhypho Cap - Linnam.
Gretaqua
Viola Lam. - lake

Labella dent - "
Salix bell.
Alnae sin.
Drown int. - loads.

* Eug. Lennes - 300+ shoots in bed
in N shelf, mostly up by shrubs.
Pix

J. pello - N. shore
V&.atio

Linum co.
Grobaculaa sept.
Helaea V

Dichroth Sph. - 'femina', fascic.

House on S Shores owned by
of Scarsdale, NY

Bad sedimentation CSW when acrease
in - Bally cleared woods, EZ for stuff 2
go into pond. Junk. Big pile of
wood and makeshift fireplace; wood pen. Illegal?

By pop. of Poly. punct... in blip @ SW side

Achillea mill... - pink. "Lemon" S.

Corydalis... - soon at daybreak. Col. S. end Broom. 30+ plants; ca. 1 1/4 feet colors. Ann. too col. it.

III. Triangle Pond

Quick Stop

Dana's hyper. aquarium more to be Lysim. torn.

IV. scrape on parking lot on N side of 151, Crave W/PS. Palm. W of Tarpeentine Rd. Pk in sandy turnout there.

• Polygala vert. - thousands! Col.

Dense, multi - grade. Still some open soil & clay

Timothy

• Euphorbia stricta - dots, Col.

Rudbeckia serot. "Centaura macro."
Plantago aristata
T. tenia
Lea. sap.
Passerellum sit. van mahl.
Brecken

Take woodland trail 1/2 way N from here:

Lea. cuneata.
& Dapple mitt. @ jet. w/ E-W rd.

Goodhart along E-W rd.:

Bartonia
Linum virg. - cote
Baptisia
Berschil
solid. gatunae
Epigaea
Bl. Huckle
Kelms. ang.
solid. other. norm
O. primavera
Aster spat.

Andro. virg.
L. Blue
P. Pines. invade

Puttopia
Felacanthum car. - cote
Gaulth. pro.
Swert Pans. here other
Lichene
Hede - eric.
Vec. vec. ang.
Hyper gent. - cote

VI. Now at burn which flanks 15:
I've been to S side b4
Nice Carex. pine. openings among
Scotch 0. exp. in firebreak
Scotch 0. - dome
Cenandra
Arodo
Melampyrum
Gallthera
Drachepedia
Darth Spic.
H. can.
Muda. etc.
Sot. trel. oak. + P. Pines
Unburned surroundings have much tall Po Plume w/ needle. Cane/floor gypsaline Twp. Rd.
Dicksonia dipaup - lots under "line" (E-W) S of 80/57.
Lilium phil - N-S fire lane S of 151 - 10
Dicksonia dipaup.
Asclep. amplex - 3
Stipa aren. - Some line shortly S of 151 FR ald 1/2
Lactrea vill. [illegible]

VIII. Line N from 151 by pasture filled w/ Xpia corp. Film.
* Lept. ang. - 40 2
Asclep. pedunc. - 6 in line!
Andro 1/vig. Hyper junpt.
Linum virg.
* Polygala mutt.
Asa spec.

Lectura can.
H. brun. - 40
H. can.
H. prop.
Asa lin.
Rabbit Clays.
* H. dum. - Right on W side of the road, 5 sets of 1st. 81
* 5 plants
Polygala poly
Rabbit Clays
Sulphur Cirr.
Capitae
P. pine insode
Lept. hirta, cap. - L. Stewart R.B.

Fremea purpurea - Close in medium
Camptopnea

Swale filled w/ Euro weeds flushed
by Wed. 8/12

Stipa

Froelichia gracilis - late - G. Guthe
on W. margin of 141, Holgate
near 5 1/2 mile from 87.
Col. This also seen earlier on N
side Mass Pike, Chicopee.

Now w/ Ray Van Dusen of Westhampton
Corn R. and U. Mass Entomology

1. Hanging Algae Pond - Westhampton

Bog like, fringed entirely by
deners. Brown H2O. Sphagnum
at edge is V. narrow and can't
get broader due to depth of pond.
Nonporous.

Tiny pondlet adjacent to little w/
Ophalon.
II. "Bear Den"

Dead Bruch
Westmoor

Oxalis acet. - Site locally on cool, s.-facing slope.

Tamarisc - cool seepage, near flat.

Plate pseudosc - 1 in moss, fame.

Just back from rio.

Tsuga - dom for 1 mile +

Kalina. - Doke.

Teak.

Vit. shrub.

Sorbus pelt - 40 Califia in log-

ging rd. only 50m from H-20, N side.

Of rio.

Will some fame.

Elsas.

Circled alp - cool spot on tennis flat.

Carex scalin - " " "

Bip. boulder talus slope by cascade.

Swimming hole.

Thuja - Y. Birch.

Hawthorne - Vit. shrub.

Aralia nut.

Partheno.

Asarum.

Actaea pachy.

Meg. F. Interm. X. cris. Polypody.

Brachy. tunicae.

Lonicera can.

Dica.

Asarum latif. acm.

Scalonicus pub.

Sugar Maple.

Bassett.

Taxus.

R.O.

Couple small cool air vents.
III. 
Chestfield Rd. - Westhampton near Northampton line
No ledges only a few lumpy spp.
Dewa - 1 by creek

Companula uliginosa - acute in wet seepage
W "/" brook here

Physocarpus capitatus
S. xpannus
Cattail
Carex bebbi
Oncocyclus Can

Aquatic Plant

Tupelo - 1
Calamus sp
Lysimachia ciliata
As Enneapogon ripicut brevis

Sedges - Patula - rare by rio

Carex flava - Seepage swale just N
of one above - Loder's

Sparrow

Te arita
Sag, sat
Asim paniculata
Impiscus
Carex gynandra

Sedum Brook - N of rte. 66
Westhampton, E of South Road.
Scirpus poly - 50+ Culme on
moist, well-aerated sandbar @ edge of
crab, Cinn. eder
W. Myosotis sec.
Glyceria striata
J. eff. C. lindia, S. expansa
Ranunculus, Salix, Alnus, Eriophorum, Eriophorum.
Glyceria grand.
Just N of cable x creek (prop. line?)
Ranunculus aquatilis - lat. just down from FL Col.
Rosa mulit pustiferous where cows graze + along each

*Corpus striatrum*
Equus avus
Hydroelecam

\[ \text{Short Letter to Open Space Committee}
\]
C/O Roy