PLANT STUFF

V

13 Aug 1980
28 Oct 1980
B.A. Somer
4 Chapel Hill Dr.
Plymouth
02360

Sun
31 - Sep

Room

Western Rd. - SE of Albee Rock, pt.

J.

B. Somer

Sawmill Rd.

1340 @ Rip's

Salopian

Bleeding Dale Swamp - on. S. of Swamp

Pitcher Plant Swamp - on.


Pitcher Plant

Broadwood Rd. = Hidden Forest Rd. w. side of Albee Rd.

Rip's Rd. - w. side of Albee Rock

Nickle on Albee Rd. at SE corner of Rip's Rd.

Pitcher Plant

Peachwell Wapump - on.

Nine Mile Rd.

Broadwood Rd. w. side of Albee Rd.

Albee Rd. w. side of Albee Rd.

Albee Rd. w. side of Albee Rd.
Sessachella Pd. - *Eryngium* purp. - Path, wide.
Polygemon purp. - Limosella
Rhynechos. Torrey - Mentheia
Sisyr. arenicola - Thetis & El.; Sambury Head
Onosmodium quadrata; *Aspernum* - No. pd.
Linum intericum. *Salis. campanulata* - Sesa.

Maconet Pd. - *Najas* quad.
Agalinis acuta - Plains towards town
Astin canad. - Limosella
Limun intericum - 2

Long Pd. - *Najas* quad.
Mertsea marit.
Linum intericum - Osa, boy or head.

Hummock Pd. - Ancistro Plum - pine or pine
Polygemon glaucescens
Tillaea aquatica
Linum salicaria - N head. - Pine grove or head
Panicum auburn + *L. intericum* - Ram Pasture
*Najas* quad.

Squam. - Panicum auburne
Aspernum hyper.
S. campanulata
Onosmodium - moors

'Scots' - *Stegnum* amm. -
Drosa. fil. alg. road - Potentilla trident.
Hydrocotyle vert "" - *Polygemon* glaucescens
Schwelb. *Emetica* - Broom - Mentheia
Plague Pk. — Juncus biffou

Bloomingdale Swamp — Kelmania latif.
Schwalba
Insana field.
Rhynecho fパー

Gibba Pk. — Siegrinichium arenii
Smilax bone-rox — to N
report of Asycrum

Coatue — Operated (esp. 2nd Point)
Q. Stellata

Glaucium
Polygnum gleccum
Martusin merit.

Airport area: Desmodium sessil — Nobade.
Corina — NE
Apalasia acuta — try here + Smooth Humnocks SE of.
Try beach for Martusin; Polygnum gl.

Wigwam Pk. — Corina nealy; Smilax bone-rox
Linum interepend.. Hypericum ad press.
Sphinfkia-tubers — hills
Sabbittie Pk. — Hypericum edpece = Almenac
2 / Sabbittie
8-13

Nantucket

1. Painted 5 of Gibbs Pl. crank box and N of Bellsone Rd. Filled w/ Sparymum Va. chain

-_stemrisa?

Helianthus debilis - noted in early bloom, thicket near latter.

Helianthus dumosus - good
got in sandpit and Pondlet
Heterorhazum genovisc

Yesterday we saw Leather Leggett
minor man

Tephrosia Veij - Aten Pike
Saponaria, Philadelphus, Rosa reg.
Gaultheria pro. Sweetform, Lysimachia
conandra - lords along bikeway and
along old roads thru Bloomerdale Swamp

Verbascum Thap, Spearmint 2 Cat-
tails (15 seg places in spreading)
II. Purple Loosestrife

Buddleia davidii

w/ blooms Col, Pix

Chissoy

Purple love-grass

Drosera field - in sandy, peaty moist soil of old scrape E of

where former scrape Dump is - Logjam, few w/ flax

Habenaria bleph - 35 +

Adelina - 50 lots, whole strip

Lysat, spinifex, ascending grasses

Lycopodium inundation, podrobos,

Sphagnum E & W end of this sandy strip, near J. effusum moss Col

Some arching A few more towards E End

Sphagnum w/ 1-2 polt. sword reeds, 3 bxs w/ irreg. # 10.10.

Polygonum - numerous in detritus on S side Col

= hydropiperides - scs OK

III. Bog, due W of the Radio Tower - No good.

IV. Tom Nevers Pond

N.G. - edges filled w/ Sclerophylla

Spartina pect., Juncus exilis

Hydrocotyle umbel., Sphagnum

Polygramum - numerous in detritus on S side Col

= hydropiperides - scs OK
V. Low Beach, S of Coast Guard Sta.

Polygonum glaucum - loads. Plants prostrate, panned out. On flat sand slope above normal hi-tide line but before dune grass.
W/ Euphorbiaceae, Cakile, Solanum, go sump.
Plants extend W as far as I can see.

Cyperus ciliatus - uncommon in some + disturbed dunes around C.A. Sta. + extension.

VI. Sesachacha Pd.

Brackish

Sarcocapnos paniculata - loads S and SW shore + W. (C.X.) flowering abundantly

Passiflora hirsuta - hairy plant - odd for a Chenopod. I see it becoming numerous +

Rumex "pericocoides" - on sandy W beach. W/ some, fits, looks like a Chenopod. Is this the tea?

Sium suave

Phlox auriculata - S, SW shore - frequent

col. on W shore - etc.

Convolvulus - W shore - 4 C. sepium

Tellurium - W shore

Cyperus distichus

C. distichus - col. from patchy beds

Scirpus am. on W Shore. msec. margin

a. stringy type. Same place

L. Blue Heron - 1st yr.
Polygnum capathMy. W/ thumbprints

Elaeochis parvula - Tiny, in patches W/ Limosella. Too early for flies. W/ shore @ entrance to blip.

E. helophila - Some, W/ shore

Aegilops arc.

Hibiscus palustris - Late, ringin the blip on W corner.

Bockhemia cyllind. - W/ Hibiscus

Typha (prob. glauca). Pk.

Anephalium obtusum - W/ shore hi up on bch. No pursystem

Carolina canad.

VII. Beildburg woods along dirt rd. W/ N W/OJ Sesachachia.

Geranium macul.

Rubia sp.

Agamとなicia griffonea - Several. Col.

Sorrelca sp. - ? prob. Geranium

H. maximus - Common. 2vs only.

2vs 3-pert + maple-like, or actually divided into 3 leaflets, again the central leaf maple-like Col.

long stalks to ground, w/ only the 1st atop. Stalk firmly.


G. canad. - Several. Col.

3-5 -peltate Rubus

Heal-all - lge pink flow

True-sized Rhus copallina!

Hellanthastus Strumus - Colony @ road

Jet, here. - There is jet w/ road going out to W Shore - Sesach.
Sambucus
Samuel - same on S side

Beach @ Quindinet - Wind of plants due to heavy use Ditt S along Seacoast (Esho)

Sirexus herbacea - 1 large plant climbing on grape over Vibernum Squam - Quindinet road just N of FAA building

Beach @ Squam Head and southward too heavily used for Ptenitis Polygonum

Squam Pond
Hibiscus salvinia - field with it loads
Eleocharis halophila - loads on S shore C2
Phycorea - loads in dried pond

VIII Squam Pond

IX Wauwinet - Beach S of W House

Polygonum glaucum - good # on beach washed line. J. says it is found along Harbor beach up to jet of Contuary spit

Himberia
Angelica lucida - Umbellifer - hundreds along banks S of Wauwinet House

Bromus tenuifolium - pub tenuifolium - grass @ hospital lot and Himalomon place Oak Bluffs Also @ Wauwinet house.

Wh Oak - rd. to Polpis BLK
Pond off Quail Rd. = Pyxie Pond

Sedges: Nymphaea, Eriocaulon, Potamogeton, Rhexia, Hydrocotyle umbellata, Carex, Juncus effusus, Typha, Scirpus, Cattails, Lycopus

BBQ cooks; COSY

Cephalanthus
Eleocharis palustris in small: Col.

Another BBQ @ Uncle FieldSta.

I. Almanac Pond

Hypericum adpressum E

Shore: @ roadside, S of shore, W shore: indistinct mud flat. Loads loaded also #. Canadian H. borealis

Chelone

Duisenia inter - looks. Lycopus amplexic.

Viola: lace


Aquatic vegetation: fls., in bunches. Polygala crucii. - lots SW

Rhyzaesp. capitata

Scleria reticulata - 25 shoots in fls @ SW corer. Another 25+ on S. of W shore S@NPDC.

Festuca pseudostachya: lots SW corer.

Black Oak: Tree on W shore

Lysimachia tenuifolia, stink shoots, as @ nearly all C.P. ponds.

Solidago tenuif."
Vaccinium macrocarpon
Ferula sp. - we've seen it around several ponds, some plants.

NO Eleocharis at all
NO Lycopodium
NO Sabatea

Pond below E of this hilltop
More w/ Valerian + Torch Reeds, Surfus Cuprea, Vittis, 3 Hypnum
BAS visited this one.

S. one w/ 2-3 Eleocharis, Firmicoxylon
JCI visited this one, and cold? E. tricoxylon - see 8-20.

III. "Sacred Rock" Pd (we crossed name cause of rock & tumout.
W of Almanac Pd - over a hill
Falled w/ T. militius,
Decotia, Fulicaria -
Ship w/ Gratelle, Firmicostyla
Good # + Sag. engelmani in main part of pd, W side

IV. Pondlet on roadside, E of Garden Bos
10s. ~oods Firmicostyla

Didn't go to igen pondlet to NE.

Solitary Sandp., Wood Dux
V. Pondlet N of Sandino Bog —
  filled w/ Nymphaea, Delphinium, Decodon, ...

SOSA, Wood Ancho

VI. N Wigwam Rd. See also 8-12

Nymphaea — Coeds
Pontederia — "
Hydrocotyle umbell. — Coeds
Potamogeton — Coeds
Nymphoides — " , some fls.
Hypericum adpressum — Coeds, total,
N. Shore, E End, some S. Shore of Point
SW Co.
— Stachys hyssop — N. shore, good #.

VII.
Grey Berch — Cent. Wigwam Rd.
Sparganium androclad. — Lg. heads
leaves rel. longer & narrower than
So. Americanum — Pix
[S. Americanum has 2 stigmas — 30]

Round leaf sander — under oak bsh
on SW Shore of Central Wigwam. Small

Elatine

Athy — panicled grass — Agrostis scabra
Eleocharis acic. — pot Maur (= semi- n. semi)
Erica caesp., Erica, Rham., Polygala cue.

Fumaria montana
Cladium

Xyris diffusior, Dracena inter.
Nantucket Black-oaks—most easily seen on rd. from Polpis to Wauwinet. Dryer and lack of smooth, waxy foliage. Leaves sometimes hairy on veins.

CV: cut closer to middle than mainland varieties—look much like redbark in leaf shape but not enough color

Some seem to closed, but most open like redbark 1/2 thick. Buds age, new developing some seem were already full size when cut and fuzzy.

Jerry saw few Fergus am. back in wds. E of same road. Also seen W of Beechwood Rd. (Almena Rd. Rd.)

Not all plants seen can plant. were written down

Col. Sal. campanulata and Solidago odora

from Iniside seepy bank rd. to Bar Harbor, Vt.

Also here is Parmelia glauca in flower. —Pix.
Grassy Pt., E of Wheat Rd.

Sagitt. -	Sycamore. Hard to

census -

also S. shore
roads, N shore roads.

Scheur. sites - SW. cave (on E shore)

Good # - S. shore; good #, S. shore

Maple island - 50 #, E. shore; pine island out

in mud, faint #, Good # in cave formed by

pine island - peninsula.

Also in a pine - covered area near SE
cave.

Lacks Ericaceae all over + Nymphaceae

Panicum venenosum - common.

Bunch-leaved Panicum on E shore of

pine island. Same sp. over 17.8 cm. pond.

A Psilocarya sap. - 5 plants, fruiting (early stage)
on W. shore of cave formed by pine island

peninsula. (1 m E. shore, 1/2 pine island).

Plg. Centru. - 1 m sandy knoll NE of

pond.

Xyris smalliana - some on N. shore.

Crassula - col. from Cassandra, N. shore.

Sag. - sed. Good # S. shore

Some on S. shore are broad-leaved [pro-

burst]. SE cave, cave formed by pine

island - peninsula. - etc.
II. Manton Pond

U. cornuta - 5 on S shrew. S core. Let on point on NE shore.

10 Word days

Say. Tere - NW core. Let.

Only N, NE, and S shores have any sandy shores. Most is deep peaty/mud.

Lokta U. purp. J. militiatus, Ephedra, Nymphaceae

III. White Pd.

2 Pondlet midway bet. White and L. Sandy.

Col. Blood, tuberculos from N. Sore of the northern of 2 pondlet midway bet. L. Sandy.

and the eastern part of White. Loads.

Rather strongly esparto. Also on point bet. the 2 pondlet and NW one of S pondlet.

See '75 notebook for more stuff.

X. Smilax. - Lots in same pd.

Scleria - good # on N side, emergent

only emersed. N shore. NW pondlet.

Actually, pondlets are really 1 with a constriction in middle

Say. engel - N pondlet - lots.

S pondlet - few lots.

E. tuberculata - good # & S end of S pondlet.

Scleria - also on peninsula bet. the pond.

- good # & in Corova NW.

W. of S pondlet.

P. speroni - Col. & S end of S pondlet.

Xyris small. - few lots in S pondlet.

No R. inundata

III. White Pd.

Lockmanthe - good # w/o. w/o. on N shore.

and at point. of the S end of the S pondlet. Few #

W/AAW. F/AA W. F/A. Few # NW corona, #0

flos.

Laughing Gull! - 1 tagged, mating ad.

S. Kennedy - met many this year on

N shore of long core. Low # W/AAW.
Seg. engel - lots in double pondlit
S of E part of pond

S. kennedy - join # rosettes in mud
on point but the 2 pondlit

Seleria - good # on point and along
e side of it

Xyris small - lots in double pondlit

Pondlit next to E shore of White -
Nada

Hudsonia ericoides - N shore of E
part of pond.

Seg. Iowa - lots total on S
and E shore of very pondlit N of White
Nature emergent - perhaps lots
more if considered kerri

Seg. ton - NW shore - lots. W shore -

Col & grasses from s of
Tulare co. eastward & poly.

Cleome - E cupressoides.

Shelf C E end of quenginec o
S end of White. One of very

Seg. Iowa - incredible looks in
S gray car.

No R. ambiguis.
No E. melanocaya

IV. Quengine pondlit @ N end & L Sandy Rd.

E. tuberculosa - low lots.

Seleria - N end, W shore, S shore; E shore
looks.

Dronera fall - good # in road @ N end,
W 1 loads. Poly, cuneata. Lots along W
shore, NE shore

Seg. engel - lots
S. ton - lots @ N end & L Sandy

Did not come to L Sandy except to note the.
X. *Psilocarya scop.* S. shore of the
quagmire pond - lots. Col.

Ply *Sentia* - several on W. shore
and N. end, and NE. shore

Bunch-leaved *Panicea* - E. shore.
= P. spectabilis, probably

No *R. inundata*
No *Carex.*

VI. Cranb. bog. Pondlet on E. side of
Bourne Rd., NE of L. Rocky Pk.

*Psilocarya scop.* - lots on 'dike'
between the 2 halves of pond. Col.

*Xyris congesta* - low 'loads!'

V. *Covel Pk.*

*Selina* - *Good* # on N. shore in
quick search.

Only 1 central pool of #20

W. Same *Panicea* as Col. @ pondlet
No L. Sandy.

Loose *Juncus canad.* etc.
8-20

Wellfleet

I. Dyer Pd.

Access on S shore via Mt. Cabe rd.

Shore ± all cement, sandy from above

by butterflies, esp N, E, and S shore.

Lycopus amplex., -common

Lindenia canad. 2 on N shore

Fuirena - 3 on N shore w/ algae.

NW corner w/ fairly undisturbed sand.

Cyperus dacti., S. palustris, Poly. alp., X. eric.:, V. lanceolata, Hyper. canad.,

Solodicaceae, f. Elodea, Macrosiphon

few # Eriocaulon, Cystula, Calamagrostis, canad.,

few lobelia dsc.

- Drosera filif. - NW corner. 1 non-

flowering plant noted w/ thick veg.

Pluchea pum! - 1 plant, under overhang

Ribes pinn. and Kelmania angusta and Ilex
glabra, NW shore.

II. Pondhole. NNW of Duck Pd.

# PIWA, RBNU, 2 OVEN, YBFL, WI?FL

Dulichium

→ Xyris congest. - Cata

U. pum. - ?- ???

Short, flat-stem. Elodea w/ white

scale w/ green midline = E. olivacea

Garrardia fumaria - long sepals, 24" pl.

V. v. wihia in plant segl.

Elodea, ribes

3 Common Hypericums
Lycopodium annotinum - col.
Echiochloa occidentalis - cap comes top of achene

Buckea - seeds stranded
Nymphoides
Galium - 5-4 petals, flowe.

Fats: double, smooth

Vaccinium macrocarpon - seeds in pine wood depression C W side, mixed w/ Arctostaphylos.

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III

Great Pond

A. Northeast Rd.

Lobelia - seeds

Eriocaulon -

Nymphoides - flowering

Pennisetum - Samen & Degen

Fimbristylis

Fruticosa - inset in N shoe

Coreopsis - few in N shoe, good # Ssh

Utricularia purpurea - grass on SE shore, being stranded. No fla. Whales tail w/ bladder.

Drosera filiformis - dots on S shore.

Large X. difformis

Bulboystylis - N shore Great Rd.

Asclepias amplexicaulis - E shore,
B. Southeast Pd.

Drosera field: few N end, few SW corner
N of pond w/ filled w/ Decodon
U. prep. late, live only. Some plants & S end.

Most of Great Pd is overgrown, stilt, sandy
esp. S shore - nothing grows on S shore.

C. Southwest Pond

Cladium, Lette, Pity, Cruciate, Rhodea
Dryed-up H2O-eily pond

D. Turtle Pd.

U. prep. - Loads.

* Big Snake - Cottonmouth? No!
Here I did not know enough to that, I believe.
All the gray slithy, w/ no markings.
Short brownish - Fat, from neck to
beginning of body. Poked stick at it
and it struck quickly & possibly,
w/ whitish mouth lining.

This it would, when poked again it went
into H2O under Utricularia.

Just a big water snake pix

* Pond's child. Well for other
bladdernoble

Nuphar, Cypria stigmoa, loads Ericaceae

Coracorh - low on S Shore Great Pd.

People have been walking round this
pond, too.
IV. Long Pd.

Fuirena - 80 plants on sandy beach of 5 shore, from narrow, eastward to S cove.
Rest of S Shore not covered. NW shores have much use by bathers - observe their linens. N Shore not covered. See below.

* Say, Rene? - good # on W side of narrow. Only shrub, deciduous Pane seen.

Not so much use of shores as at Great Pd. except on NW corner; still very gone in front of # house.

Fuirena - 50+ @ E end cove
See above

Drerena filly - 100+ @ E end cove.

CAW, RWA, BW, BWA, TUTI, EWP in woods just E of Northeast Rd.

V. Spectacle Ponds

Good dirt road into here.

Pondlet NW of these in boggy slough.

Sparganium americanum, etc.

Fuzzy Asparagus, Scirpus, Cyper, Matthose.

Fuirena - good # sold on all shores of northern pondlet on Sandy part.

Drerena filly - low lots along S shore of northern pondlet.

Royal Fern
Lota - lots U. pump.

The southern pondlet is deep and used for swimming. Beachia V. narrow and appears to support practically made.

Nice Spot.
VI  Kinnacum Pd.  
Nada

Opuntia - a few large plants, plus several smaller ones on grass bank @ jet of Mill Hill Rd x Brian Lane Wellfleet
Also established here in Dianthus and Sedum "mustache"

Corina - many patches sold on slope under powerline N + S of Cross Hill Rd.

VII  Herring Pond
H2O level high; Decodon and Vachellia seem line much of shore, even NE corner.

VIII  Higgins Pd.
A repeat of Herring Pd
Aesclepias, Swamp Milkweed @ NW end; Hydrocotyle umbell.; See next page

VIII (concl.)  Higgins Pd.
All in H2O < 2" deep.
Spun on all plants looked at is 1/2 length of lower petal, may be up to 2" +, and blunt-tipped, inflated.
Not long slender as in bifida.
Col.

X  Cove Rd.
N + W shores are cobble-pebble-sandy loads lobelia dot.

XII  B-1 Kittiwake died in branch of shrub!
Pyrola rotundifolia - base of W slope.

TRURO

XI Slough Pt.

Unexpecting - cobbly sandy shore
SW case R.C. Did not census more
than SW shore.

XII Horsebeech Pt.

S shore cobbly sandy
Lobelia, Trifolium, broke into, Spermac.
am., Eracaulon, Nymphaea.
Censused only E 1/3 of S shore

XIII Pondholt N of Round Rd.

Leatherleaf, Decodon, U.S. Chain Fern.

XIII Round Rd.

Funkiewitzia, Nymphoides, Lobelia.
Eraecaulon on N shore, Rushing Dell.

7-21

Binding w of WRP, BN.

Asclepias tuberosa - Samoset Rd.
Fenham, 7/6 - 1/4 mi W of powderline

1 clump flowering

Col. Aster subulatus from marsh
1st Encounter

Col. Juncus gerardii same place. ✔

Walked from Race Rd. PK lot to Hutche.
Her. + return via inland road.

Col. Bassia, Oenothera, Sueda linear.

☆☆ + S. richii - Salt plate.

Corema - cots on side of sandy road
on Harris Prop. Covers a
SW-facing slope. The Sandy Rd. goes to
Rt 6 - Hughes Rd - Priest Rd - sandy rd.

Ferns - False Foxglove Col. from old ad

thus Wellfleet Center - Round Brook Rd - Rd.
Fireweed - not far from exit of
Herring Rd., along dirt rd. Griffin is.
Hibiscus palustris - few noted here.
@ edge of widening in turn before it
goes under paved road. Good # Hibs.
Cus m 5 side of river just E of paved road.

Campsie - red, Wellafl.

8-22

W/ John Fairchild

Col. Sedum aurantiacum - from rockledge on
S side Summer St., E of Tyler.
Hingham

Creeping pine - same as I collected @
thicket @ Henry Pl - rock ledge on
S side of Rockland St., Hingham
= Euonymus fortunei var. vegetum
Weigelia - same place, w/ into Rhody,
Marginal Fern, Q. bicolor.
Bobwhite calls.

Acer pseudo-plat. here too

Polygonum sachalinense - Col. from stand
on Rockland St., SW of closest point of
Wein Rd. Curve.

I visited Woods behind Hingham 160 acres

Goodyera pub. - patch of 15 scattered
miles to a patch 5 / Orig. Hepatica

Spot
Hepatica - more found in small shallow hollow near town forest, SE of triple pond

Aquilegia - in Hydricetum hollow, gyposodala

Sun-flowered Sparganium @ edge of marsh @ sunfish house

Scirpus aristatus - lot

Circaea - lots in Hydricetum hollow, quad.

Romilia insulicola - @ 140 Water marshy pond

Great Pond, S, Weymouth

U. radiata - SE shore in pond

U. Vulgaris - N side

S. Kennedy - NW part of pond near Randolph, SE of double island

Low lots @ top. Lots on S side of big meadow

S. sharp point to S. Some White flax

Lysimachia, hybrid - Col. both

Same place near road.

Rh. macrostachya - few at same place

Lycopodium immedia - V. impr. on shelf of island (now a peninsula). Lots

Scirpus paniculatus - 1 patch in sunfish pond

place on island, W/ lots of tall, slender

Leaved Peniculum @ long terminal stalk;

also W/ good # Peniculum vittatum

Also Col. Peniculum vittatum

The island is connected to mainland both to N

and E.

Rh. macrostachya - robust plants to 4

tall in dense colony N of the island. NO R. immedia

Sag. engel - good # @ end of NW long care, W/ S. bellifolia

Sag. engelmannii - SE shore;

lindquer anagel - SE shore

2 SOSA
8-24

Blue Venair - Nfld.
Campsis - Scituate

8-23

Lotus comic - all turn to along its 3
from Ply to Hingham.

Armeria serpyll - KSA's, Mt. Boro,
Euphorbia supina -
8-25

I. L. Nippenicket

2. Utricularia biflora - 20+ leaves, W/ 75+ flowering stalks in wet (L1" H2O) Sandy - muddy shore S shoe just W of the house which in turn is just W of public beach. Col. Spun long, slender, attenuate pointed, midvein longer than. 300+ blooms on muddy shift E of SW cove. PIX

Lyposperma - same sp as @ Swannahop - bold red marks on scale. Potent Onion - white pegs. Roseate fushion & multiple-stemmed Fuciaria.

Lysichiton - nodding flowe, narrow leaf. (tunicae) w/ some color on petiole. Sold. along S shore.

☆ Ludwigia Palustris - w/ U. biflora. 750 plants flowering (no petiole) + fruiting - W Sicora

Am. Juncus, Juncus arcticus, Gratiola, Luda palustris, Eleocharis acuticollis, Nuphar, Sium squaw, Lysimachia tenax, Poly genum, Eleocharis sp., Potamogeton, Same Hydrocotyle Uniflora, Poteridgia, Scirpus cyper. Col. PIX

Sabatia K. - 2 plants just W of ludwiga. W/ Rhexia. 250+ on point E of SW cove.

Land owned by Rudy Walker of B H20, not the people in the house near the E0.

Ludwigia Sphaerica - Ca. 6 more spid W to where Rudy has his new boat ramp (sand). Veg. cut all around the ramp. Ca. 20 on W edge Rudy's new boat ramp 35+ from thence westward to cleared, sandy beach W picnic table (former grade house). 20 W to next cleared beach (now regenerating). 160 W to next house (+beach) - good, vigorous colony. 300+ on muddy shift of point E of the SW cove. Col robust plant. See Over.

Eleocharis - sold along S shore. Didn't V frequent. Pantha arm. - " " " " " " " " Upper E side.

Genophyllum - Uligoninum - frequent along S shoe in dry sandy beaches. Col.

Geranium Goeppe - frequent.

Fimbriatyles.

Limnanthes amagall. - Col @ H2O Works mission. Pale - spid Cut Grass = Littorea
Ludwigia globosa - 225, on NE shore of SW Cove, 130, on SW Cove of "", (some plants may be in Reymond?), Total = 1030

Cardinal Flower - good #, along Black Brook, W of 138, Easton. Full Bloom, W Malaberry

Cabomba - SW Cove. Not much, washed upon beach, lots 5 W side of Cove.

COSN

Sag. latifolia variegata - on SW Cove near beach.

& cultiv. Some approach var. gracilis.

Bulboystichus

Mollugo

Polygonum hydropiper - numerous along S shore SW Cove, Arching up from decumbent stem, spot of mat forming.

Col.

Lotus corniculata, lawn of H2O plant.

Potentilla argentea - "", blooming

Bedena coromota var. brachydonta - Few along powerline E of 138, thru Hochmacht Swamp. Col. part of 1 S till plant, Easton + W B H2O. Seed #

E of Maple St. in Simpson Cypress meadow, W of B H2O.

Prosopisaca palustic Var. orbiculata - in sphagnum - few bogs under powerline, W B H2O

Pyrochtherium triquetrif - few plants, c. wooden pole, clearing, W Bridgewater

Zizania - good # C Maple St. x Hochmacht River

Buparvs dulcis - abundant. Also some prslation, piseum, Solidago graminiflora - etc.

Black Kingswade - A small road under powerline C branch of Hoch. River near nite 24. Not the hybrid

Eriophorum venarium - E. some boggy road, Maple St., W B H2O
Rode powerful w/ 138 - much the same, but more Phragmites and Typha

must send quickly opening has
Asarum virginicum, Same Ilex as @
- dried - Middle Wigwam Rd., Cranberry, Bog.
Pororia - Round St. Florence.
W/ Cap. w/ brown actine top. Fimbriatula.
Rynchos. capitell.

X. Jepsonii
S. W. corner shore is too much to walk along. Near SW cor. is point of land w/ much shallow H2O about it -
Col. Isotoma thal.
Seems to be fair amount there but not abundant. H2O plant w/ covered w/ algae, decaying live.

* No Scirpus longi found. - all ephemera

III Ames long Pk. N. Easton
Acalonis pauperc.
Asclepias pulchra
No. Humulus, but a lot of junk, along causeway bit. ponds.
The undershady, bladder-bearing leaves of U. radiata are borne alternately (occasionally 2 per side) along a central axis.
8-26

I. C. Nippenicket

Ludwigia echinoidea - 800+ along E shore from state access.
Ditch ramp up to point. 800+ more on S side of 2nd point. 50 CE end of line. 500 feet S of "". 500 N of "". N of muddy point. Also noted on SE shore of island.

Ludwigia echinoidea - 230+ blossoms in muddy-sandy with poole (1"" H2O) on 1st round point N of boat ramp.

50+ more on 2nd point.

S. Kennedy - few on 1st point. Very few on W+N side of 2nd point. All gone by. Set dates N of this.

X. congoensis - 1 plant on 1st point N.

Chlorophytum - along E shore. Loads

Call

Melenia Scand - same along E shore.

Hyacinthoides - col from 2nd point. Saw it yesterday along S shore.

Ludwigia echinoidea - spot checks along W shore - lots of plants from old camp (gone) S to point and on island W1 house on it. Few just N of point NW of the big island. None seen W1 house along N of NW+N shores.

Cabomba - loads N of point, much flowering.

II. Loon Pd. Lakeville

E. lancifolia plants have been cut and piled up brush on beach. Saw only 5 stalks, but didn't search diligently. This is @ NW corner of pond.

I don't like Loon Pd. - whatever goodies are there have a turnover held. E and W lots of kids @ camp beach, etc.
Lotus come - field on Kingman St., Lakeville.

**Cell**

III

* Ludwigia Spathe - ca 100 plants, many w/ spongiosa brown stems. @ SW cor of C.D. Pruitt Park Rd, S of Town line and N of the "gatehouse", Rochester Col.

   w/ sejg. gymnema; physalia
   col.

   * Sedum telephium - Lakeville

   * Astr wundulata + spectabilis (only common) along rt 105, Roch.

   * Asclepia tuberosa - 2 plants (Whts), many open shelf led 2nd cranth Lager, W side of rt 105 @ Dr. Balsley Rd.

   Some Lilium Superbum around the bogs.

   Helianthus Rudolph - Taunton, Lakeville, FOSTER R I-140

   * Vermont - Taunton R I-24

   * No Desmodium Scit. Located, despite search along Precinct St., Montgomery St,

   Kingman St., Pickman St., Rte 105 @ Burial Hill (Staples Co.), "" S between pts S to Acushnet line, Morton Rd.

   Ploecomen in Lakeville seg is an Indian burial ground along 105 in sandy area, somewhere S of Lakeville town line.

   Aspergus - Roch.
I. Smooth Azalea - 6th, berries.
Sandy depression among clumps, bog.
W side of Warren Rd., Ply. Depression
pika, moose winter. Also in other places around bog.
Sag. Liatris in ditches here has
fla. 2x those of engelmann.

Bohemnin - 1 noted in ditch
Floors around the bog have recently
been mowed.

II. Aluminus purpureus - NE shore Deer Rd.
V. wild mouth camp. WJ paper.
Lobelia dot. - loands. W Shaw ""
A few Swamp Azel. fls, still blooming!

III. Maple Springs Brook Bogs
Sarracenia - 10+ plants in sphag-
num log @ Extreme E end of these
bogs, near Agawam Rd.

Vaccin. oxyccoca - 1 site in
same bog. Col.

Epilobium palustre - Col. same bog.

Few Platanthera blep. gone by. ""

Moos about these bogs only been
mown recently, too.

U. geminiscape - numerous in one
bog, ditch S of pond formed by
East Brook. Col. Some fla.
present. V. broad & flaring.
Up lip don't curve much over palate.

2 Apocynum hederifolium.
Hali, Balkaniglotto - 25 x 2
Amarigon, area - 20
Cassandra, east of East Brook Pond.
Bantica, 25
Eriophorum

C. sp. - noted immediately S.
Merged other c. s. - cap
on tallest knob on S side of creek
NE of creek

Upland Sandpiper - stop this ki. Knoll!
Quick 3 or more m. birds
piping as alarm call.

Went upstream from point where
RR track first got close to river.

Chelone - good #
Biddens - lot. Cal. combines chells
of chelone + lewis, mostly the former = lewis
Leaves - good # +
Spartina - cal.

Arrow Aconite - low into an loggy, muddy
pit half along E side

Stevia - statice - do.

Lilacine - 1 " bare
2 ad +50 " grey egrets @ point of land
on op. shore - looks like a flock in river
near house.

Eriocaulon pumilum - upstream, on
E side, mot far from nts. 28/6,
and imm. of end of
Knowles Ave. leads to path
leading from end of Knowles
Toward E.

Eriocaulon pumilum - upstream, on
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and imm. of end of
Knowles Ave. leads to path
leading from end of Knowles
Toward E.

Agavum R., E. Wareham

Cyclobma - cal. part of 2 plants, from
W side area N of RR and behind some bushes
W of main dr. E. Wareham.

Taste - seen again hereabout.

Samuelis — common here. S. minima = Sp. not determined

Elatine —

Multiflora rose — lots at parkiri EO.

Small cord grasses coming from E bank of river here, something for soggy conditions, oozy sphagnum mud.

Eleocharis olivacea — col. small sp. from parkiri EO.

E. parkeri — Col. more @ print where RR is closest to river; both shores occurring in discontinuous patches here. Col. odd elliptic-date, coiled-clamping, alt.-beaded riverweed here.

= Potamogeton perfoliatus.

Reeds — along RR, w/ tallest

Desmodium canad.

Thalictrum polygam — thin river edge

Marshes have # meadow spp.

Acrocal. — Common in meadows

Sag. subulata — (prob. Sag. Subulata) Col. from lots in backwater pool among boulders. W of culvert. Also areas covered by the still-falling tide, then down stream. Carpets some of the flatter shores. end @ westward, towards bath. Have left trace now and follow river downstream NW-ward.

Pink Cardinalflower — 1 stalk in patch of good # plants on N shore of river.

Wild rice — tembien. Zizania

Callitriche — stranded ashore in several spots

3 GWTE

E. parkeri continues in intertidal zone at least to point where river swings NW @ broad mudflats. Essentially none out on the exposed " — beaked in the Spatangus, Scirpus area where that growth is not too thick. Can see some # patches on N shore shallow slopes.
3-28 (cont.)

The Aescus has all got brown + withering tips to leaves, and is standing out as distinct.

Chrysopsis fols. - M'boro on Rte 35
m. town line w/J. Wash.

Ailanthus - Westbury Rd.; Wood St.,
25th Plymworth

8-30

Bertova in Cana - Cherry St. exit
off Rte 3 Nth., Ply.

After examination - col from
KSA's prop, M'boro.

Beach Plum - Rte 105 x Plympton SC,
M'boro.

J. Sturkens informs me that
Elecharis was called @ 2nd pond hole
SE of Almarsc Rd. = E. Intristis.

But he can't remember where he
called Juncus biflora!

* I got married!! *
8-31

Visited 6 folks in Ellebelle + Sunset Rd.

S. Kennedy & me - 20+ plants blooming in old country box just E of Savery Rd. On W and N of Shark. Enough H2O grid here in rainy season to make a pond, but this year only a couple shallow pools remain - perfect hel. for Rhynich mocro or R. cuneata - but neither were there.


U. gelba - 100+ blossoms in S central portion / mud.

9-02

J. Randelit SE end of Crooked Rd. Falmouth, = Randall Rd.

1. Lachenantia - N shore - few #/w. W shore - good #, some w. Some.

2. D. californica - W. shore - lots. Few noted -

3. Seloria - NW shore - same noted.

4. Psilocyba scrip - W shore & -

Col. Spicelute turn blackish w/ age here. 1 of which is V. tall

Lindenia angulata.
Rhynich macro - lots.

Agelina - Leda. Some x pauperula, some x pauperica.

Only Atramentina = purp.
II. Spectacle Pd - N of Crooked Pd.
   3 Sosa, 16.40 W

   On a ridge @ NE Corner, with a pond.
   ...separated from rest. Path pd. is divided into E + W sections.

* Drosera filiformis - NE Corn. E section
  - good.
  N. Shore of W. section - slow, late w/ annual blooming or in leads.

* Scleria - good.
  NE Shore of E section - loads on shelf, bit. Island and show good Gener.
  Island. N Shore of W section - good.

Prunus spinosa - loads on N Shore of W section.
R. macro - loads.

Panicum virgatum - loads on shelf, bit.
   Island + show.

Tall, robust, glandular, hairy, Polygonaceae
   on island, w/ droopy / & spike
   = P. canescens, C. el. + others

* Panicum virgatum - col from N Shore of W section

Did census 5.12.06.

III. Quagmire - beyond NW end of
   Crooked Pd, NW of the road / site.

   Chimaphila umbellata - wood, along road
   N end Crooked Pd.

* Drosera filiformis - E end near road.
  N Shore of 2nd blip NW; N Shore of 2nd blip.

* Scleria - E end. nr. rd.; 2nd blip to
  NW of lot; loads total.

* Psilocarya acuta - E end. nr. rd. along
  W Shore (1 age plant is 15 " tall)
  W end; N Shore total, loads total

Sag. engel - set along S Shore, W end.
   blip to NW; loads total.

* Panicum virgatum - (buds), capital, albo.

2 Sosa

   Rhynecho - macro (buds), capital, albo.
I believe the NW are nearly dry.
Both headed off edges. Eichhornia, Selina
grasses. Next please, but impossible in
most years.

Only Ulmus seen flowering.

IV. Crooked Pond

* Drosera field - NW Cove - lots
   total, most show.

* Selina - NW Cove loads, nearly
   all show.

* Pilea suffruticosa - NW cove - lots
   total, most show.

* Sag. tricuspidata - NW Cove - loads mostly
gone by. NW shore pond - lots.

U. compta - NW Cove - lots. Col.

** Psilocarya nitida - NW Cove,
on rounded point on N side of
the mouth to the extreme W cove.

Several dead pines here
substituting sandy than elsewhere.
Growing Ulmus, Scirpus, and P. sp.

U. smaragdina, Selina, some Drosera fall
Tough to canoe - - put 25 plants
Col.

Several more on point on S side
of same mouth.

Not seen at the broad, sandy, heavily
shelf just to E of this point on S side.

Epipactis glabrous - Col., up pond.

Scirpus, P. willow, = puccinius

* Stachys hyssopifolia - few roots on NW
  shore of pond.

Walked X mouth of NW Cove - - H2O
up X nearly to crockets, my.

SE cove pond appears interesting, but not SW
cove - developed. Via brooks
U. gibba — along W side of NW core — prob. in soil. Flaccidally 1/4-3/16" wh short blunt spore; only 1-2" tall. Many in bed.

Filose

U. tropaeola — same shore w/ above. Flo 2x size of gibba, but w/ long, more pointed spore. Spor falls short of lower lip on all plants looked at. Col. 2-5" tall. 50+ seen

— Ought to check配偶 in Cape Cod MNH.

No U. maritima seen!

Campania — Falmouth.

Long Rd + surrounding area is H2O supply + wetlands! Get permission on pumping sta. Road off with 28 men. Green Rd.

J. Nobbs Rd., Woods Hole

Chura — Col. from shallow water, sandy bottom, near S shore. Also found on N shore.

Actinotus — the one w/ long fl. Plicata

Limosella — SW shore shelf. Looks on N shore, mostly submerged.

Hydroloma vex. — Var. texturae

Ex W corner — good # of young crowns by grasses, sedges, P. E., Lythrum, etc. Not flowering. H2O found + sulphurous. From here C. sund along N shore in late May, flowering, extending only to last point. Good # of strawberry N shore. Late along W side of N Cove.

C. uliginosa. Good # just E of N Cove.


Myrioph. Tenellum — good # on Esquid of N Cove. Col.
VI. Unnamed pondlet SE of Johnson Rd., Flaxton, S of its 151.
Eutrophic, badly overgrown.
No R. inundata.
Cl. Helminthus sp. NW.

VII. Martha's Pond and pond to W:
Eutrophic.
No R. inundata.
Euglena, Hypochoecia, along roads.
Sag. nlench. - lots in open parts
of pit on - sweet gale and W. of
NW cove of Martha.

VIII. Tiny pondlet S of Johnson and on east side of 151 -
R. macro., but no inundata.

IX. Flaxly Rd.
Rotten steep-sided.
Cornelina corn. fairly interesting pond
Lycopus amplex.
A. cephal. Heapeckah intimated - Col
on roadside N of Flaxly.
93-03

T. Fludds Rd, Kingston

Got permission from Sutin. Judy

C. Camp Ridgeview.

W/ Sel. Higgins bottom today.

Gardenia punctata - loads.

Cacti - off white (pale creamy) fib.

S side of S core - the same E of Camp at night.

Eup. lucidaepis - canavas of flowering plants: 100, 100, 100, 100, Col.

100, 100, 100, 100, 100, 100, 100, 100,

50, 50, At one island in NE shore.

50, 50, 100, 100, 100, 100, 100, 100 - did whole E 1/2 plus 1/2 of core washed. Took 1/2 E of S shoe, total = 1700.

Lycochis angustif.

Cacti = etc. total = Col.

Colchis " " " " " "

Salix - few metter on first point E of Camp.

Scleria - plants in blyp SE of pond, w/ Bulbucea, Limnocharis, Scirpus, etc. w/ willows.

3 Eleocharis, 3 Sag, engel, Polygemma.

Carag., P. engel., Col. Liverwort.

Col. on moist exposed mud. Some grasses including Panicum sylvaticum - a long villous sp. in open meadow area.

Col. S. Some R. macro and R. capillus.

Probe SE of SE corner like previous blyp, but fewer stuff.

Nymphoea.

Poly. cune. - loads.

Poly. sag. " " total 108 for pinellas of Esh

Sag. tocca - E shore around pinellas.

Myriophyllum humile - loads.

R. macro on Esharia.

KBNU

Late Iris vers. around pond.
Pondlet N of NE corner -

15 Wood Ducks

Nymphaea, Nuphar - filled pondlet.
Sedge & grasses ring it.

* Psilocarya scirp. - good # & NE line.
Flutes small, developing.
Vida primula.

Scleria - good + on shes w/ of base
d. 5 point (ie SW shore), W 1 Seg.

angul., etc.

* Psilocarya scirp. - good # - on peaty shore.
When top shows a 2 on a point, SW shore of good.
Do a trip adjacent to shore line.
W 1 Seg., angul., Blechnum, etc.
Some more scattered west and around shes to ex. SW cave.


Pondlet S of cabin and road, S of SW shore of Muddy Rd.

G. H. No. 1781, B. Sosa, 103 Yer.
17 Eye, 2 Lesa.

Astic sp.:
Solid, old, pulvinus, pyxus
Helminthis w/ teeth & base of lar.
Galium mollugo:

Sister Dolores Kohout C.D.P
Provincial House
Box 132, Rte 80
Kingston, Mass. 02364

Send letter

Sister Noel
766-2374
Sacred Heart High S.
Box 152, Rte 80
Kingston 02364.
Polypodium vulgare - lots on roadside banks under white pines, Indian Pond Rd. 

Equisetum hyemale - few on Rd. E of Jet w/ site 3, Plymouth.

Polygala campestris - lots in 1955. 

U. purpurea, U. comosa - S end.

Scleria - W shore N of Powderline - lots.

Eleocharis tuberculosa - W shore, N of point.

Sag. engel. - lots
X. congestum - 1 plant & E entrance

III. Ply. Beach Backus 

1 FOTE, 3 BLSK, 1 UPSA

Anemone pulsatilla - Col. from wet area

Sanguisorba glabra - " 

Orchis x. europaea - " - Col.

Euphorbia palustris - abundant

Climbing false Buckwheat

Erodium cicutarium - Col. from heath area

Fuzzy Sumac - 1 sony plant

Droopy-spined galls - Col from heath area
I. Wood Pd., Ludlow
   N part new 5 in. triangle & tent. ramp.
   NE - Decodon.
   S part - do.

II. Pickerel Ponds, Ludlow:

A. N. Pickerel Pd.
   Rhizia, Acalma gangeri, 3 Hygrina
   Juncus - col. prob. brownpalea
   U. gibba - becoming extended (where 2nd home
   are appearing) on E shore. Flts 14", 1928.
   Spur = lower lip on 1 flt. blunt, in 1 flt.

Eleocharis - sp. w1 tubicle base as
   wide as achene.
   Scirpus smithii, U. williamsoni, S. cyperinus.
   Lindenia daba - col.
   Cyperus grandiacus, C. stig.
   C. ericoides - col. short scape, but
   arranged in stig.
   Drosa interior.

Fimbristylis
   U. gibba - W short 1928. Leaf spines can
   be extant - 2" long. Col.
1. Somebok Rd. eastbound. Enter the duplex house, then back pod.

2. Eberhardt's - Fernbridge - Beechtree - Scirpus - V. Williams - Cypress opening or clump.

1. C. dubia live, average somewhat broader and have a few toothed on margins. Throat and tube of corolla are wider; lower lip a bit longer. L. amagal has teeth at base. Pedicels always < leaf in dubia; almost always < leaf in amagal.

2. C. dubia can be 2X amagal.

C. dubia - live, lanceolate.

B. S. Pickard Rd. small. Gorgo, now a shopping mall and parking lot.

P. sculp - wide exposed shelf

S. engel - low lots.

S. amagal - low seen at end of the party sexy (rhododendron) near edge/ pool in E side. No Col.
III. Murphy Pk., Ludlow

U. zigga - SW Shore, dead, blooming out in J. pellegerina, Gratidea... pond's Installed please - possibly U. vernici
U. purp., U. vulgare & S wind 12 WOBU
Hypophyllum humile
Bresenia

Root of pond is squeezed up, house + shoreline to grass, or zone.

IV. Howland Pk., Ludlow = Chapin Pk.

x Street to Island Pond Cam.
Ringed W1 horses, bathing beachas.

Access C SW Corner --- Sign Says "Pub Access to Chapin Pond"

V. Menachong Pk., Ludlow

Some pitch firs around golf course
Am. chion:H - Staghorn woods near S Shore #

Glory Pkdate, 3 BWTE, 3 WOBU, 1 HOME
9-04 (Cont’d)

Brassica, Eriogonum, J. pelocarpus,

Upupa, U out in H20

Eloidae Sp., Isactia @ point on S Shore

Island – wetland out. Next.

Gratiola, loads, Lindenia amagal.

Seg. gram., - loads, including loads of stands 1/2s. bot. island and

/ point on S Shore. Col.

I. pter, J. Cane

Eriogonum, U. gilbe

Alisma “subcordatum” - Col. 50+

Leersia, Butcherbach.

Eleocharis - 3 Sp. Fimbriatula - 1 Sp.

Scirpus. V. Williams - half.

Dulichium, Pontederia

Eleocharis robbinii (4 & 2 more)

load Seg. graminea in SE cove

mostly still or gone by. Many

approach trees, but all have a

flattened and at least somewhat adorned

terminal blade (these are emersed leaves,

not phylodie)

Sparganium – prob. dioecidium

* Ludogrea alternus - SE cove, et.

Scirpus validus

Grass – Pandiculifiliform Col for

pasty S end of SE cove

Cane used S + E Shores. No furniture.

N Shore his house, funky shore.

Heliangium bucknell – under pines

NE 1 gulf clubhouse.

lute Cyp. acacia in woods

4 Sosa

Hummer on island
VI. Spectacle Pd., N Wilbraham

A. Enturned road at Wend, off rt 20, go to West Wilbraham Club Beach.

West Spectacle Pd.

* Fuenea — fair # on NW-NW shore. Col. 10 more on E shore behind Typha. No more seen in complete circuit.

Cassia nit. — Lots, total, esp N+E.

Hemicarpa — lots.

Much trampling around pond edge — must be affecting plants.

Echeveria hispida — 1 plant on S shore @ spring — sep.

Sag. Tetra — good # on S shore w/ Eriocaulon. Col. Several have flowered. None of these plants have any blades on leaves.

Potamogeton — 6 spp.

Elodea — col.

Chara — Same genus as...#.

Norasha Pd. Col.

Pyramanthemum — 2 on E shore behind cattle, w/ white lvs. = P. hiticum

B. E. Spectacle Pd., to a guernic — pond, W Typha around most shores.

Pretty mud island in center has lots of Rhycoesp. *macro* Juncus sp. (looks interesting) = Schorfae Pickard Pd.Lead U. gigba all over.

Ranunculus — col. from W shore = R. pensylvanica L.

* Fuenea — lots on pretty muddy shelf on SW shore. Eroded from petals.

W/ J. pectoralis, new Juncus.

* Col. — R. macro, R. capitul. Sag. latiss. Hypericum, etc., Cuscuta, etc.

There is no creeks connecting the ponds — just a low area that maybe wet in winter.

VII. Nonimille Pd., N Wilbraham

did not corner — ringed w/ houses. And shore much damaged.
I. Pulpit Rock Rd., NW Flume
   NG - man-made, but nice sitting

II. Dimmock Rd., Springfield
   N of pond is now a hillfield.
   Sag. engel. - good # of pt. in pretty - muddy slough.

E Shore looks good, but no goodie
   Brasenia - Lotsa.
   Myriophyllum - N end slough
   Peltandra - " " "
   X. diffusius - N. Shore

N Shore also looks good, but ...

Lindenia dubia - W. Shore
   L. amabilis - " "
   Scirpus smithii & williams - SW. Cave

Oil has been dumped into S.W. cave-yug!
A sewer pipe enters SW. Cave.
S. Shade - U. junky

III. Loon Pk., Spfd.

No Flume

Slough - pond NE of Dimmock -
   Eleocharis, Hypnum, Cephalanthus

Submergant
   Sag. toes - lots basal + few emergant
   Live washed up in N. Shore - Cen.
   Carpet along S. Shore, but apparently too deep for flowering - Locked up upon E. shore
   Spiranthes cernua - 1 in full bloom
   on N. Shore, Few more on N. Shore
   Lycocton incarnatum - moist sandy
   greasy place of Phytochoa capital, NW. Shore

Again, Argilla pumpea, not pumpea
   Cyperus stramineus
   Cassia int., Polygynella on W. Shore
   Spiranthes c - mancan W. Shore
   Pontederia - lots
   Butcherbroom oblong - not dissected -
   along path thru woods, W. Shore
   Coronilla blooming on 5.
   Grass on W. Shore path - yes.
Illegible entries make it difficult to transcribe accurately.
in H₂O.

Didn't census any more of the lake -- shore heavily used, and
ringed w/ houses.

Many live dux & geese on shore pond.

Good pitch pine - oak forest on W Side.

of S Side

Break on Nuttall of the possible s. graminea
in upright as in englem. but very
longer. V. small

Nuttall of s. terecota col. C Lane. Note color like s. "crustata". But are
not mature, so pick is a good idea
XIX

to wait for fully mature fruit.
XIX

These mature s. 1.5 x size of
possible graminea (or depauperate englem.)
above.

Brook

Rockwood Park & Lake

Pittosporum sedoides - E end of lake &
along stream, near sea marsh. Plants up

to 2' h.

Much of pond as filling w/ bersona,
other marshy stuff.

No Reduculina

Also checked W end of N Branch

Tribe Park.

A. m. BetterSweet - near roadside C W end
of N.B.T. Pk. Pkx, Cal.
X  Ventura's (=Ventures) Pd.


Trees grow right to shoreline in most area -- no beach. Junky, too.

W.O.D.U.

No Fuirana.

IX Bass Pd - Chans Pd.

NG - nice, but substrate wrong.

Also heavily used by camp, dx.

Met WEP, S.B.
I. Peaty pondlet (Unnamed) S of Snake Rd., Sandwich.

Still a sizeable pool of H2O in N pondlet.

Samp Smith V well.

Several grasses, incl. Paniunum Polygonum.

The common Blue-willow (not robbins) Blandina cana - loads

U. gibba - N end

U. sediata - good # blooming

uellia - 1 plant noted on N shore

Funkstiele - seeds

 Cypress - handle - "p"

Sporangium cam. -

Nelsonia heat.

Rh. capit. only

Pond looks good, but...

RBNU

S pondlot > heavily vegd.; filled w/ decolon.

Prospermaca pect. - lots.

II. Snake Rd.

Honey-colored Gratiola - S shore, W of town bathing beach.

Crotalaria - loads along S shore

Cassia nit. - ""

Agalinis praepra - ""

total

Dewetia filif. - cotsyn shelf just W of town beach. and set westward.

Stachys hyssop - lets total along S shore; good # on shelf n. SW of town.

Lepidagata angust. - plain # on shelf W of town beach.

Juncus greenei? - same shelf

* Eleocharis melono - on dry shelf 1-2 ft.

S. w. of pond, W near 2 foot of 2 roads. Same hab. as @ L. West Rd.

w/ carex lindw. type. 3-4 juncus

Aster dumosus - same place, col.

Did not census rest of pond
III. Weeks Rd.
- Draecena feld - all showed except 5 - loads 2!

- Eriocaulon, Lobelia dot, Polyurea (Wmr)

- Stackys hys - W shore + salt sea
  where I prob. saw lots.

- Coppeza angust - W shore; NE shore
  C point.

- Rhonia mariana - 25 plants
  hi upon beach @ base of Pitch Pine,
  near point on NE shore. Gone by
  Col. I think. plant accidentally uprooted.

No R. Toney
No Linum
No Salvia (but see I)
No E. melano (" " II)

A nice pond, w/ fair - good spp. diversity

IV. Percival Cemetery, Sandwich
    on Boardley Rd.

- Agalinis acuta! Plants hay out the
  ca. 40 plants flowering in short
  grass. Difficult to see except
  @ close range, despite bright fls.
  Col. Pix.

- Pyxanth. tenus - in fields nearby,
  Col. Low lots.

- Heliamn um mutis: - in cam.
  Asti speetali: - field nearby @ road &
  Stackys hys -
  " fair."

- Desmod. culmis -" " "

The fls. of A. acuta are less tubular,
more flattened than, say, A. purpure.
The throat nearly closed up near pink hairs.
Plants were branched, but due to
having been mown a while ago. Pitcha
are definitely notched - 11/80

RBNU
V. Bear Rd., Chatham
Access to these ponds via A&P site 28 x 500. Ryder Rd.

Stacks - lots total on shelf @ Wend on N shore
Lycopodium amplus + umfl. X: tota
Rhyn: Virg. but no mariana

VI. Stack Rd.

Potentilla norveg.

Stacks - loads all shores
Corpus < rosea - " " loads
Potentilla fimbria

VII. Black Rd.

Rhexia mariana - ca 40 on W side near fallen dead pines, w/ bemoset, li. amplus, sed. timul. Corpus.
Stacks. Upper H20 level zone, blooming sparsely.

Ca. 600 more flowering @ far end of NW corner, beyond dirt rd. Pix. Col.
Nymphoides
- Cast of chara, as Φ Black Pd, but
no R. marina.

-S. Kennedy - N shore, fair-good#
fruiting, in clumps few late bloomers.
Several rosettes on S shore.

U. purpurea
Agalinis paupera - Loads.

IX White Pd.

R. tenellum - loads
Labelia dot.

-S. Kennedy - S shore, loads total.
N shore W of access to est. low point
lots. Col. in fruit
N shore W of seaplane access, good#

Blue Pd.

Myriophyllum tenellum - Loads
Asclepias pulchra

S. Kennedy - same on shelf @ NW Co.
stocky, S. Kennedy, Solid.
tenue, on shelf @ NW Co., of
pond, near dirt rd. Some still w/
fls. but petals closed; neat fruiting.
Even across road. Col.

-S. Kennedy, - some on shelf @ NW Co.
- Stocky - Loads; shelf, N & S Shores.

S. Kennedy - S shore w/above - good#.
9-08

Pondlet E of White - N.G. - Decodon to H20 line.

Ammophila brevi - E end White Pd. in sand.
T. militaris N shore
Hydro. umbell. - N shore, central.
Lechea maritima - N shore W of scabious access. Col.

No R. maritima

Aster spectabilis along road back to A&P

X

Pondlet (Unnamed) E of schoolhouse ford, Chatham
A. Eastern

Breaseney Myrica tessellum, Senecio
Hydro. umbell. Echinostylis gratissima
2 Cypresses, T. pect. all loads

Polygomonum setaceum interti. Col. from thicket on shelf but pondlet. Upright, white, thick spiky. Butt = one @ Hockomock R.

Rosa pinetitia - ouch!

B. Western

Same stuff, plus:
-S. Kennedy - Lots on N shore.
Nympheoide
Lycopus amplit - loads; Col.
U. purp.

Polypogonum punctatum - Col. from thicket on shelf @ W end. Tall, white, spiked, not crowded, droopy, smooth.

XI. Schoolhouse Pd.

Seg. angell - some in blip @ E end.

S. Elcock - meadows - few late on dry shelf @ E end. Plants mostly short.

Hypocynthia torrent - same shelf
Lechea marit.
-S. Kennedy - Lots on E + S shores, mostly E of rounded point.
Mayflower - loads on bank along S shore.
Polygnum - S shore; same as @ Lawrence Rd? + prostrate. Col.
Yes, = purinervum
Beaches mostly rather heavily used. "Sandy-pebbly-cobby"
Pub access. Via road to W end.
DIDN'T census N shore.

XII Ryder Rd.

S. Kennedy - loads total on E, S, N shores. Few flo.
Seg. angel - blip on S shore.

Bidens alba - " " loads, all <2' tall, ragged, nodding, leaves prostrate. Col.

B. frondosa here too, up to 3½' tall

Juncus brachycaulus Col. from N shore
Ed. constriction. Grows in clumps w/ more open & branched influence than J. canad.. -like hybrid but canad. x militaris

Coelopasia land - flax. Old R.A. Bed in field w/ Polygonum crisp.

50 RSTE fly. N-NE, quite high.

Ampelopsis breved. - Col. from Old R.A. Road W of the Cemeteries. Small grapes, few to a cluster, hard.

The 2 old Cemeteries C jet. R.A. Road X & Ryder Rd. Looks promising but I found no goodies in fading light. Just moved, tho.
II. Hoyt's Pk.

U. bifora - blooming in SW corer. Some R. masts.

III. Gunners Exchange

U. bifora - NW corner in planting. Good #1. Port of small pop. W/ Hoyt's Pk. plants.

Polygnum punctatum - N. shore, W of house, only 1 seen.
IV. Turtle Pd.
A rock slough hole, filled w/ Beargrass and only empty soft mud for a shoreline.

III. Boot Pd.

Stachys - Cve @ SE of prd., loads on shelf.

Agrostis pru., some > var. pru-

Polygonum - pru., prunus, - SE cve.
Sandy beach, few.

Sag tree - SE cve; loads @ the narrows,
esp. s side; cave W. beach - loads.

I. SOSA

Panicum venenosum on E Shore.

II. Negro Pd.

Sag, tree - loads N shdr, sap NW cve. where in a solid tangle of plants!

Rest of shores appear to be ± solid Ericaceous -- did not census. S ½ of prd.

Nymphoides - NW.

1. Hemfield - about the same, but w/ loads Ericaceous.
Both prds are too steep-sided around edges

What clarity of water in these prds?

Panicum - E shdr, cita from print N for ca. 100 yrs. Not S of point.
Many tucked up under shrubs.
Tamarix - same tall, mesophytes
inler. as O Rill Pd., yesterday.
Several clumps @ print on E shdr.

Panicum minimum - Ca. from E shdr, S of point. Live within brushy, not atop long stalks to terminal panicula.

Did not census SE, S, W shores.

No Drosera falk. seen -- too dry this year's
VIII

NE Cove, Island Pk., near Smith Pk., Village.
HY PBGR, scared much, eat defecation!

Fuirena - N shore of NE Cove, low Lot.; N shore of pond, good #

Eupateria pilosata - N shore of cove, N shore of pond - Cola.

IX

Dougnut pondlet W of Gassy Pk. (W of L South Pk.),

Dolos of Grass, sedges, and Carex duriuscula surrounded by

\[\text{spray-topped sedge} \rightarrow \text{I think I've sold it already} \]

Potamogeton - blade-shjoined

Grasses, sedges, but dull.

Myrio, humus covering much of H2O.
XI
North River by canoe
Hammer / Pembroke
W/ WRP; Evelyn

Mehama - H+P
Ceanothus - H+P
Rutabegosia - H
Blue Venetian - H
Eupatorium - H+P

9-10

I. Lilly Pd, S terminet

R. incanita - 80 plants fruiting

Pond. None elsewhere on pond.

X camp - Grade, N + S shore.

Only 1 pool of H2O left @ N end.

Lot 4 foot - traffic over the drying mud

Seg. one. "Pattonshale" grass - deep root; lots

Panicum - Grade @ N end, same

as Grade, N of Garry Pd. 9-09.

II. Garry Pd, S of Bloody Pd.

Panicum verrucosum - Grade

P. sp - semi - dry

So common @ these pools.

Psilotachya scoparia - W edge N part, W

open mud, good #. N shore, semi - dry

W edge, good #. E + N shore, N part, good #.

So @ this place.

No Bidens hyperabrus seen
N part of pond is only 3/4 filled w/ H2O, leaving 1/4 as bare mud, sludge, etc.


Seg tree - S part, loads; few small flowering. No good rosettes here seen.

No H2O in S part - can walk right across.

J. pachycarpus - loads S part

S. Kennedy - E side of S part, few rosettes, 1 flowering. That's all.

Pic of pond

3 SOSA, PRWA, GRYE, RBNV, DNTN

P. nitens - only 2 plants tall. Depend on N shore of pond, mostly.

Arty, short grass - N shore of N part, etc.

Poly, encr. - N shore, N part.

III. Hathaway Rd. on site 3

Nymphoides - lots stranded + seeds in H2O.

2 WODU

Side apparently too steep to support much.
9-11

I. Sufflett Pd., Brunswick

Q. Stilblu - E cove, few
im. fr. SE & E.

Seg. time - E cove, kinda back
less, only good # pl. stalks.

Hypothecia red.

Polygon. point - N shore, few

Pt. on S Shore - trampled
1 P.G., seen thru. on S side of pt.

Fence keeps me from getting to boggy area
adj. to S cove.

This pond is ruined!

II. Ed Snow Pd.

No Juncus inflores.

Hudsonia torment. - under pine line

After合影
Whole W part of pond is an ex. cr. bog
Real C. to quagmire full of 3-4
Income, Ilex... N.C.

III. Salle Pd. (Road sign, Seg. 5's)

brooder field. - Eshore, N Lake.
10 seen today.

Rhexia mariana - NW cove, near cove,

care, ca. 30 plants, many blossom

but most are gone by and some in bud.
A path gives thru colony. Pic of site.

In passing pond, golfer says "They ought
to be pumping that up to water the green"

Seg. time - NW cove, gone by, mostly, good #.

Juncus inflores. - Same place as

Rhexia m. - 100 shoots fruiting

Col., pix., easily noticed due to shape

(2' aroma), shape of inflr (fin-like, hoar

ascending, but compact), and dh, rhizome

color of mature plant, feathery than green.

10 more on W shore present to golf tee.

S. Kennedy - SE Cove, some rosettes.
IV. Blueberry Pd.

S. Kennedy - SW beach, W shore,

V. Lewis - more than in '75.

VI. Keeler Pd. (N of Flex Pd.) - Nada
No Juncus effusus

VII. Portlet SE of Keeler - Leimcia, Redia,
tripart. only, No J. effusus

VIII. Portlet E of Flex Pd.
N.G. - Decodon, Juncus effusus,
No J. effusus

Vibrumum dentatum - roadside, E of
Flex Pd.

IX. Portlet W of Keeler Pd. - Nada

Tsuga - along E shore, w/ wild
Chamaecyparis - >103 small,
W/2 Chamaedaphne, 1 cm. Narrow
Spruce
No J. effusus

X. Ruth Pd.

Access via bike trail opp. boat
dock road to W corner of Cliff Pd.

Pennisetum rigens - stand planted by
CCC,esign.

left path in bike path splits Ruth Pd
and blips N.

Blip N of Ruth Mnds broad shff @ NE
but thickly covered w/ Dulichium,
Juncus aneled, forr. glycera
2 SOSA
Coryopsis
Hypolytrum
Ericameria

2 EWPE cells

Nymphoides
Felt S. Kennedy - scattered seed on W, S shore.
Nice Pond, but...

Ex. Crenb. bog 3 of Venus' Pd is filled w/ Heterophyllum varig.

XI. Foster Pd. Orleans/Brewster
Steeup hyssop - NW Cor., fair #, B.

Bullb&tico - S. NW Shore

S&WW Cells 15/15

Polygnum punct - N. Shore, Og NW Shore
B. W. shore - Col. from O. but occurs both sides.

Sag. Ass - Ice washed up on Ntskay
8+0.3 SW Cor., B - lots.

S. Kennedy - NW Cor., B.
B, surely must occur in br. to.
Good # in B, few still bloom.

Blip off NW Cor.
Linum angul.
Leucocras.

Polygonum sp. - Col. a wh-spiked sp., common on same shore as P. punet. Erect.

S+E Shore too sandy + better to coast.

XII. Yarmouth -

Yucca, Lathyrus, etc.
legal fl. Salt marsh Agave, Asparagus,
Cleome, m E. Shore Dennis Pt
Sea side Plantain, Bassat, Ppa Sumac,

Lythrum, Pluchea

Cerastium tomentosum - Several patches on Ntskay
5 side. Dennis' Pt. entrance/fenc. Col.
9-11

Elechaecus - fall C from SE cornf. Dinah's Rd. N. Yarmouth, in cattail stand.

Further W along S shore is place where fresh H2O seeps out. Aquatic here, w/ Jeweled weed, Canna, Scutellaria, Big Rupiner, Potentilla anserina.

Big thistle C SW Corn is filled w/ Cattail, P.I.

Lilaeopsis - SW Corn, e. place where resident has a 'boat slip'.

Elechaecus fallax - same place as Lilaeopsis, and up in cranberry.

Andropogon glom. meadow - lots.

1D = E. elliptica! Apr 87

Sprianthus Busby - 1 beginning bloom in the meadow.

9-12

I. Big West Rd., Plymouth

U. macrophylla - lots budding + blooming in big NE Corn, S SE shore.

Pix * in SE ".

U. commutata - lots, NE Corn, SE Corn.

Selena - lots, NE Corn, S Side.

Lots SE Corn. Low lots W corn.

S. Kennedy - lots of resedation, NE corn; low lots around point on SE shore.

Some S. tons are >50' from H2O now.

Water not as low as in '75. H2O still flows in from Casey West.

Saw no Potentilla in SE Corn.

White Gratiola - W corn.

No U. biflora in W corn this year.
II. Grassy West Pd.

1 GRYE, 2 LEYE, 1 PESA, 76 LESA, MAUS, BUTE.

Scleria - loads, jepson, on NW shores.
E. tuberculata - lot, S Shire
Seg. engel - loads, GBD
No R. incundata, just loads, macro.

III. Spring Pd. 400 mt down must = meadow.

Body of incundata's echene is narrow than macro, and tubercle is a bit thicker, otherwise, no diffs.

IV. Pondlet S of Grassy West

$ R. incundata - 62 flowering plants
on N shore, w/ Psebacera scop, Psebacera tuberculata, R. macro, entering,
P/N, Col. None seen elsewhere.

* Psebacera scop - loads on sev. pretty
shells on N shore, w/ R. incundata.
Col. 1 eye specimen

2 GRYE

Echinocystis - Kiton

I. Federal Pond

I. NE cbe, near powerline
- lobelia dril, alia, and sandy shift
- Carex, south. demissum (CBH) Ed
- Nyctaginella nitida

U. vulgaris, Eleder Rattle

U. radiata

Pot: eurinus

Obvious a non-natural reservoir pond
Access via dirt rd. near Clover town done.

W/ CBH, Dick Dyer, Terry Graham
Roger

this part of pond is borders state forest
is a kilipath under powerlines

Many pond edge plants now turning
brown, withering.

Sabal K - 3 specimens on sandy shift
at tip of peninsula that forms the waters
of the lobe. W/ Sabal, Lobelia
probably really flower here -- pond
does not deep enough.
Whole NE sector of pond is cut off from rest by a dike which

7 PBDR, Dick saw #2 Paramecium!

II. GT. Smith Rd.

Fall P.C., flowering still!

Drosen fully — good # at E. end of point, Cave E of Rachel Lane.

LBHE

Fluvara — good # on E side of Benjan.

I. LBH.

E. lower 15 around point, just E of solita
cave, wft Dr. Jilf. 16 more E of the channel to boat.
10-17

Bromus pubescens + other (Tilia reg.)
Sandy Neck, Cape Cod
See Rh. 72: 339-

Try Sunset Bch. Thurs. for
Claytonia very, Tristem ameet.

See deco W. Cape Cod Placentor
Rh. 72: 1-
Some EOs & collected stuff--
Uncle deposited @ CCMNH?

Cols. the Tilia from cor. of
Summer x Watrrby Rd., Ply.
Many Tilia saplings here.

= T. x moltkei
= americana x petiolata
10-25

Quercus bicolor — frequent along roadside, Route 140 Taunton, Edgartown, Route 123 in Norton

I. Cooper's Pole and RR area, Attleboro

Am. Beach
Commelina communis
Am. chestnut spast
Asparagus
Norway maple
Red Clover
P. I.
Daucus
Vicia am.
Lycnanthes alba
Solidago caesia
RBNV
Glechoma
Vicia pappel — escapes?
Dogwood
Maple-shaded Vio.

Witch Hazel, flowering
B. Huckle
Gaultheria
Wh. Oak
Scarlet " \& Blk.
Vaccinium vacill
Aster undulatia
Comptonia
Red Alder
Solidago rugosa + pubescens + nemoralis + bident
Brecken
Broom cicatricella
Panica cland.
Baptisia tinctor
Spiraea × alba
Wh. Pine
R. linaria vulgaris + canad.
Aster ericoides
Fleamul Null
Heliannthus — escaped to RR
Solenum dale.
Achillea
Bayberry
Q. Aspen
Coneflower dactya
Petunia canad.
Phe pseudos

Phy tohoca
Achting Foxtail grass = Seteria faberii
Lyssimachia quadrat
Polygalla
Blue Curly
Andropogon scop.
Saxifraga
Grey Rush

Red Oak
R. Maple
Salamis rotund
Shagbark
Iris
Q. bicolor
Swamp Sweetbells - SE of pond
Lemna minor - Col.

EAPH - NY

Butterbush
Royal Fern
Acti puniceus + divaric.
Mahirhamnum
Sphatulago odorat.
Carya Toment.
Fuzzy Anemone
Juncus tenuis

Chiname phila rac.
Blu. Cherry
Lycopodium obsc. + th. tech. WO cones + compl
Rubus flag. kersh.
Rhododendron catact.
Vaccinium atroco.
Urticaria ses.
Pitch Pine
Cranberry - nat. sw. of pond.
Leatherleaf
Juncus canad.
Sphagnum tennent.
Sorbus cyper.
Rhexia Virg.
Viola Lance.
Pine needle Hypericum
Viburnum rose.

Tansy
Conea anom.
Smilax glauca - R.C.
Sambucus canad.
Swamp Rose
Ostrya

Shadpole Ho Kony
Milkberry - line bent curved, whereas
licherose is merely colored.
26 Oct.

Col. Asst ericoides @ Cornhill

from

Col. Bolideo puberula from

1st not step in Frreeter W of Orleans

line, Rte 6
10-27
Airport Rd. go from Rte 132 to
Mary Dunn Rd.

Plymouth point — some plants along
NW shore of M D. Pond

Gary Holmes — plant. Imp. 17mm
228-0001
RC Shadbush article

Herbaceous lift for Fla. Winter

Botanica burn

Baccharis — 1 day leaves gone, plant
Heath Aster esp in burn

Eupatorium hyssopifolium
in burned 15-25 years old
just on S side of Millstone Rd. in
State Forest a few lots here
Col.

Yucca to seed withering

10-28

Checked Tacebruccia put in
Pembroke for fitness as nature
preserve. OK.

WWR

Col. 

Victica @ cor of field +
hush
area near old farm pond
e = U. dioica ssp. gracilis

Solidago rugosa v. sphyneup
edge of swampy woods

Rhamus cath.
How many occurrences?
What plants -- areas for pms.

02 11 -- 14th 101
Part of both ends involved

[Handwritten notes]
Call Connie
Write Jerry
Call Jon

Chestnut — to stop:
Go three but don’t go 10.

(Burnfield Rd. for 1 1/2 mi., 9:00)

Assessors off — 1-4:30 P.M.