Vol. 316

Vol. 316

W. C. Ferguson
Long Island
June 17 - Oct. 5, 1920
both inclusive

. Vol. 316

The following initials after Latin
Names indicate authority who checked
naming of plants

W. C. F.

W. C. Ferguson

F. W. F.

Dr Francis W. Pennell

P. A. R.

Dr P. A. Rydberg

J. H. B.

Dr John H. Barkley

A. G.

Dr Alfred Gundersen

W. D.

Mr Norman Taylor

B. or E. S. B.

Prof Edw J. Burgess

W. W. E.

W. W. Eglington

E. B.

Dr Ezra Brainerd

J. K. S.

" J. K. Small

A. R.

Mr Alfred Rehder

E. E. S.

Dr E. E. Shreve

R. C.

Mr Roy Cushman

A. G. S.

Mr Alexander Gershuny

R. C. B.

Dr R. C. Benedict

E. P. B.

Eugene P. Benthall

K. M.

K. K. MacDougal

F. W.

Gen V. Nazki

R. S. W.

R. S. Witham

G.A.W. C.A. Weaskeady. Gray Station
B.C.R. Dr B.C. Robinson

50

June 17, 1920. Garden City, N.Y.

Graminaceae Canadensis

June 18. A.M. Temp 51° Cloudy all day

P.M. Around Hempstead River

- 1 Corynephorus canescens S.V.N. " "
2 Panicum clandestinum C.A.W. " "
3 Deschampsia flexuosa " "
4 Deschampsia flexuosa S.V.N. " "
5 Festuca rubra " "
6 Carex folliculata Cyperaceae "
7 Carex laxa " "
8 Eleocharis tenuis K.M. " "
9 Juncus effusus Juncaceae "
10 Panicum Scribnerianum " "
11 Deschampsia flexuosa " "
12 Carex americana Cyperaceae

Heracaceae

"

11

- 13 Carex polymorpha K.M. Cyperaceae "
14 Deschampsia flexuosa " "

Sisyrinchium arvense

- 15 Agrostis perenne

June 18, 1920 Colenard Hempstead Reserve 2

Antennaria filifolia J. & P.

" plantaginifolia J. & P.

Oreanthemum Canadense E. P. B.

" propinquum (1st seen) E. P. B.

} separate
patches, side
by side

Vilum dentatum

Oreanthemum #3 Canadense E. P. B.

#16 Carex vestita K. M.

Cyperaceae

Rosa Virginiana 1st seen

in flower

Azalea viscaria

"

"

Smilax glauca

"

"

Linnaea borealis

"

"

Crocea Virginiana

"

"

Thalictrum polygamum (in bud)

Corallorhiza sepium

Polygala communis

Lupinus perennis

Morus - smooth leaves - fruit as green

Pteris aquilina Bracteae Woods

Cyperus spurge not a beautiful soft-red.

Big Fish-Liver fern, over lake

Trillium cernuum in full flower

Torilis arvensis

Eucomia

June 19, 1920 To Rockledge Van Molen Park, 3
with Donald: Farm Day

Cellis occidentalis Tree Molen Park, near Farmingdale. Blueberries

Rosa multiflora P.A.R. Shrub near Parkway about Deer Park

Dryopteris Thelypteris Rockledge Farm #1
" " " #2

Calamagrostis Canadensis C.A.W. Grass #1

Juncus Barneis var. " Juncus #2

Salix fragilis " Park #1

" *sericea* P.A.R. Rock House. ✓

" *sericea* X *sericea* P.A.R. " " " 5.

Amelanchier Nantuck (not Central Islip) P.A. Barnes

" " " "

" " " "

1 *Fern. Osmunda Cinnamomea* " Pure Barnes Swamp

2 " *Osmunda Cinnamomea* " " "

3 " " " " "

Gaylussacia dumosa " " "

Cypripedium pubescens " Pure Barnes

Erica arborea pubescens EPB. "

" *canadensis* EPB. "

Rosa escape Dir. Rydberg " "

Can't name old chair

Temp this AM. 51°

June 20. 1920 Motor Am. to Barnstable 5

Edwin, Donald Edwin Addr.

on beach Lathyrus Maritimus
Prunus Maritima
Robinia Viscaria

V.V. Hemipetalae near home

Rosa palustris D.A.R. (depaupate)

June 24. 1920 A.M. WREK to Mercester

#1	Poa compressa	C.A.W.	Gramina	Ponds & Garden etc.	
2	Agrostis alba	B.V.N.	"		
3	Poa pratensis	B.V.N.	"		
4	"	"	C.A.W.		"
5	Agropyron repens	B.V.N.	"		"
6	Danthonia spicata		"		"
7	Festuca rubra	B.V.N.	"		"
8	"	"	B.V.N.		"
9	Agrostis alba		"		"
10	"	"	"		"
11	Panicum columbianum	C.A.W.	"		"
12	Agrostis hymenale	B.V.N.	"		"
- Grasses }
Pentstemon digitatus

June 24, 1920. P. M. Stationer Manor to Garden City, L.I.

#13 *Panicum albicarinatum*. C. A. Neesman

Hieracium floridum

#14 *Agropyron repens*

Gramineae

#15 *Arrhenatherum elatius*

"

Cirsium lanceolatum

#16 *Carex amethystea*. K.M.

Cyperaceae

Cirsium discolor EP. B.

#17 *Danthonia spicata*. S. V. R.

Gramineae

Salix latifolia

Polygonum foliosum - Many in flower

Rubus - buds

Aster laevis (St. J. S. S.)

Cirsium discolor - appears -

no buds yet - Other *Cirsium*

on stems near here flowers about gone.

June 25th

Spent day at Bronx Herbarium

June 26, 1920. A.M. { ^{Rocky hills (cont'd)}
Pine Pond - Callerton 7

Pine Pond.

- Utricularia macrocarpa*. ^{Wetland water. Miltar}
^{Greater Bladderwort}
Potamogeton perfoliatus. ^{Centibulo iaccae.}
Potamogeton perfoliatus (L.) P. Lesser Suckers.
Utricularia dilatata.
Oxalis sensibilis.
Scirpus americanus. *Elytracae*
Allium
2 *Carex stricta* *Elytracae*
3 *Carex laricina*. K.K.M. *gram.*
4 *Juncus acuminatus*. F.P.
5 *Juncus tenuis* *arenolatus* *gram.*
6 *Deschampsia flexuosa*. B.V.N. *Cyperacae*
7 *Panicum verrucosum* "
8 *Carex vulpinoidea* "
9 *Panicum canadense* B.V.N. *gram.*
10 *Poa pratensis*. B.V.N. "
11 *Panicum verrucosum*. B.V.N. "
12 *Carex lasiocarpa* K.K.M. *Elytracae*
13 *Panicum verrucosum* *gram.*
14 *Carex crinita* K.K.M. *Elytracae*
15 *Carex hirsuta* K.M. "
16 *Panicum canadense* B.V.N. *gram.*
Vilum de alme
Dan thos spic alu

June 26, 1920 ^{Rocky Creek} Pine Pond ^{Continued} 8

Asclepias amplexicaulis

Asclepias propinqua #1 E.P.B.
#2 E.P.B.

Asclepias Swamp 92

#1 *Panicum* { *triacetum* var. ? G.V. N. grass
#18 " *triacetum* C.A.W. " "
" *triacetum* " " "

#19 *Carex scoparia* K.M. cyperus
20 " *slipitata* " "

21 *Carex lucida* K.M. "

22 *Juncus effusus* W.P. Juncus

Hordeum *harmeri* *striatum* *lanceolatum* *swamp*
" *harmeri* *striatum* *lanceolatum* *swamp*

Houstonia longifolia *Asclepias propinqua* *var.*
Canadensis *Polygala* *pergamena*

In Swamp *Lysimachia terrestris*
Lobelia *linearis*

Rumex crispus *In fruit*

Xanthoxylum *cyrena*

June 26, 1926. P.M. Hempstead Plains 9

Isle of Pines to Central Park.

Hempstead Plains, at Isle of Pines

Knautia pumila - Single plant the first I
have found on L. I.

" *Velutina*. Flower & fruit

#1 *Cucurbitaria propinqua* - Flower. E.P.B.

2 " *Canadensis* major! E.P.B. per flower

3 " *Major*. E.P.B. " "

4 " *Major* E.P.B. Incipient bud.

#1 *Agrostis hyemalis* 9 June 26

Viola pedata Fruit

Central Park

#2 *Carex amplexans*.

Cyperus

3 *Carex brevior* (K.M.)

"

Apocynum androsaemifolium.

" *Milleri*.

Rosa *Lyonii* P.A.R.

" " P.A.R.

Silene *alba* - Same Spacing. Purple Sa.

June 27, 1920. Near home. W. Hempstead 10

Growing together

Gemma PAR

Carolinensis x *palustris* PAR

Raphanus *Raphanistrum* - 7th P.

Pisum *complanatum*, 7th P.

JUNE 28. 1920. Hempstead to Nassau
Palmer - 1920

Asclepias exaltata.

#1 *Taraxacum dichotomum*

Taraxacum

Taraxacum officinale

fruit

Festuca rubra

Taraxacum

Taraxacum (7th P.)

Agrostis alba

Agrostis alba - 7th P.

Agrostis alba - 7th P.

Taraxacum tenuis

Taraxacum

Taraxacum

Taraxacum

Taraxacum (1st of season seen)

Taraxacum

June 29 1920 Kings Park 11

Muscle Station

Galium mollugo.

Berry Nests on back of Bench. Kings Park.

#1 Carex Silicea

Cyperus

2 Deschampsia flexuosa

graminae

Prunus americana

Fruit

Amelanchier Canadensis

"

Tronin Arbustifolia

"

Prunus pennsylvanica - Berries gone.

2 Polypodium Vulgare

Ferns

3

Cyperus

Fern Muscivora

Juncus Gerardi

Cyperus

3 Polypodium achrosticoides

Ferns

1

"

"

"

Atriplex hortensis

Rosa virginiana. var

#1

Rubiginosa. P.A.R.

#2 + 3

Fern Muscivora

Rosa rugosa var

Jan 29 1920 Columbia River, Pacific Words 112

#4 Polystichum achrastoides. Fern

Valeriana dentatum.

Galium. 1. album.

± 5 Ranunculus hirsutus. Silvestris. A.C.W.

6 " heterophyllum C.A.W.

6 " dichotomum C.A.W.

6 Ranunculus bulbosus. 7

1 Polypodium Vulgare. "

7 Senecioideus punctatus.

8 Feridium aquileum "

9 " "

Galium verum. Yellow in color. Bushy

Senecioideus annuus (1920) Open field

Senecioideus annuus (1920) Open field

Rosa carolina x palustris. P.A.R. 11

" palustris. P.A.R. 6

" carolina " 7

palustris x virginiana 8

Cornus rugosa (A.R.)

Salix glauca

Salix glauca

Salix glauca

Salix glauca

Caltha virginiana, Wild or slender Yellow-flor

June 29, 1920 Continued King's Park Woods. 13

Solanum dulcamara - Climbing on Bitter nightshade

Sericocarpus asteroides. (In bud)

Patellaria menziesii.

Agemonia (buds not yet formed)

About only flowers turning color to woods

Now Rosa at edge & in thickets

Throng woods *Hieracium venosum*.

Toxocarpus quadrifolia.

Huckleberries Green some with slight purplish
tinge. *Stranthesia* ripe & over-ripe

Roadsides - *Rumex obtusifolius* just coming in fruit
" *Cirsium* Some time "

July 1, 1920. A.M. walk to Mowatt 14

Lepidium virginicum P.A.R. roadside W. Hempstead
#1 *Phleum pratense*. Gramineae

Rosa virginiana.

#2 *Agrostis alba* Gramineae

Cucumis melo major, E.P.B. 1st seen of season

" *dumosum* E.P.B.

#3 *Taraxacum officinale* Gramineae

Cirsium discolor (1st seen of season)

Woods. Kew Gardens N.Y. P.M.

#1 *Dasylirion* ? ? ? ? ? Fern

2 " " " "

4 *Carex alboplutensis* K.M. Cyperaceae

5 *Carex scoparia* "

6 *Carex crinita* "

Thalictrum flavum. (Fern?)

#3 *Osmunda cinnamomea* Fern

4 *Asplenium platyneuron* "

5 " "

Osmunda cinnamomea.

7 *Panicum latifolium* Gramineae

Smilax latifolia.

July 1, 1920 Woods Km Gardens Continued

15

Zizia aurea - (fruit)

Allium vineale

Cephalanthus occidentalis P. A. R.

Scrophularia perfoliata

Trisetum pratense L.

Demissa canadensis

Washingtonia longistylis (fruit)

Sanicula marylandica "

" *canadensis* " & fruit

Asclepias purpurascens 1st seen 7 season

" *Syrriaca* " " "

Lycimaden quadrifolia all over.

Ceanothus americanus

Valeriana *Spica*

Lythrum villosa (fruit)

Eupatorium maculatum ? (fruit)

Grass *maculatum* (fruit)

July 2, 1920.

Miller 1815-16

Rosa. Lyoni P.A.R.

#1

Yucca baltica
Nothoholcus lanatus

Yucca ca #1
Gramma #2

Ther...

Carex folliculata.

Oxycoccus #3

...

...

...

Sisymbrium Nasturtium aquaticum

... intermedia R.C.B. ... Fern #2

Athyrium Felix ... 2 " " #3

Athyrium Felix ... 2 " " #4

" " 2 " " #5

Viburnum ...

D...

Fraxinus ...

Rosa odorata or Virginiana P.A.R.

... #2

... 2 " Fern #6

" " " #7

... 1 #8

Viburnum dentata

Alnus ...

Rosa Lyoni? P.A.R.

#3

" Carolina P.A.R.

4

" " "

5

July 2 - Millbrook Continued - 17

Scirpus cyprinus F. & P. 2 shrubs, fruct. ca. #4

Rubus *Barleyanus* P. A. R.

Rosa Virginiana P. & R. #10

Panicum microcarpum C. A. W. #1

Juncus acuminatus #1

Carex gynandrus 2 shrubs, fruct. ca. #7

Cyperus alternifolius

Rumex obtusifolius

Juncus #1

Carex vulpinoidea #8

Dryopteris #9

" " #10

Dryopteris #11

Adiantum #12

Dryopteris #13

" " #14

" " #15

Knautia - *fruticosa*

Eleocharis *ligularis*

Wasmannia *Clayton* (Fr.)

Cyperus *lanceolatus*

Cicula *Maculata*

Vitis *aestivalis*

Carex *lutea*

July 2. 1920 Millbrook - Conklin.

18

Xanthoxylum cymosa

Sambucus Canadensis

Thalictrum polygamum

Celtis occidentalis (leaf)

Barbarea Bartramia (fruit)

Fallugia angustifolia (leaf)

Castanea Virginiana (leaf)

The Elder tree in complete flower
abundant beautiful and sweet.

Saw 4 or 5 Box turtle.

One Hawk killed by what seemed
a hit on the head.

Poison Sumach in flower Beautiful
To be admired.

June 3. 1920

Rainy Morning

19

Mota Ridge 2 hrs. in P.M. around
Plains in Edith T. Donald

Rosa	Lyoni	P.A.R.	#1
"	Lyoni	P.A.R.	2
		P.A.R.	3
		P.A.R.	4

Amelanchier nantuckensis E.P.B.

Aper... ~~Medusa~~

Chamaenerion angustifolium - 2 splendid
groups - *Aster farinosa* now

a beautiful characteristic blue plant

E. of Hietavill a large tract once
cultivated? But now covered

largely with characteristic plant life

This is interesting & indicates that it

was abundant as farming land before

foreign weeds became established here

& that must have been long ago

all the abundant fields I have seen

in the plains are covered with

foreign weeds

July 4, 1920 A.M. Long Beach, Calif. 20

Artemisia stelleriana. - The only plant in flower on beach - common elsewhere in tract to trap -

Beautiful day, blue sky & floating clouds green of marsh. Shrubbery to horizon shining in sunlight among clumps of low shrubs covered with morning-glories in flower Day-Lily. (*Homocallis yulva*) Roadside & in fields - widely established.

P.M. About E. End Hempstead Reservoir

1 *Carex crinita* Cyperaceae

2 *Daylily* Liliaceae

Galium aparine

3 *Juncus acuminatus* Juncaceae

Canadensis E.P.B.

4 *Orthocentrus lanatus*

5 *Juncus tenuis*

Smilax glauca

Canadensis E.P.B.

" " E.P.B.

Canadensis E.P.B.

6 *Carex polymorpha* K.H.

July 4, 1921: Hemlock and Riverbank Station. 1-21

Kalmia angustifolia. Fruit-

Amelanchier alnifolia

" " "
Platanus aquilegifolia.

Wild Strawberry still in fruit

Vaccinium corymbosum. Berries large-green

" " *Vaccinium* a few " ripe

" " *angustifolia* - Many " "

Senecio odor - Some buds nearly open

Cestrum albidifolia in bud

Yucca ligularis in flower

Baptisia tinctoria. " " abundant -

Asclepias amplexicaulis. " The only
natural flower about Astoria

Rubus hispidus in flower all over
Huckleberries in fruit-green

Agalin viscosa abundant - beautiful & sweet

Chrysopsis falcatula in bud.

Hieracium venosum in flower & fruit.
no other *Hieracium* seen

Senecio carnosus *arterialis*. Buds nearly open

July 4. 1920. Hempstead Research Grounds. 22

Rhus glabra. In bud
" *Copallina* No buds yet.
Tupelo *amurensis* 7 leaves.
Platanus *Russellii* "
Persea *peruviana* "
Diospyros *floribunda* Buds nearly open.

July 5. 1920. Alley & Oakland Pond }
A.M. with D. Mabel. Bayside }
Bayside Oakland Pond except

Heracleum *lanatum*. Swamp Pumping Station
Rubus *coccineus*.
Callitriche *palustris*. Small Water Station. Water Canal
Myrica *repens*. Smaller Bay Station
Ranunculus *sceleratus*.
#1 *Carex* *vulpinioides*. Offence
Potamogeton *heterophyllus* claspings. Small Pond.

Alley. Bayside.

Rosa *virginiana* PAR. Leaves fallen (1st bud)
" *carolina* PAR. Anthers (2nd bud)
Amelanchier *laevis* In bud.
Cornus *cardiaca*. *Lachesis* *indica*. Fruit

July 5, 1920 Alley, Bay Side Continued 23

#1 *Asplenium platyneuron* 2 shrub Fern
 2 " " "

Zyphium angustifolium

Equisetum hyemale var. *sparganum*

3 *Dasylirion thalictroides* Fern

2 *Parthenocissus vitacea* Grapes

3 *Ternstroemia litoralis* Ternstroemia

4 *Asplenium platyneuron* 2 shrub Fern

Washingtonia filifera

5 *Sp. hemiphragmos pallens* Gramineae

5 *Adiantum pedatum* 2 shrub Fern

6 *Asplenium platyneuron* " "

7 *Dasylirion thalictroides* " "

Galium - Circaea

Queen Woods

#8 *Asplenium platyneuron* 2 shrub Fern

9 *Dasylirion thalictroides* " "

10 " " " "

Galium - Circaea

P.M. July 5. 1920. Edith & Donald. 24

Salix humilis L. Muddy Road ^{near} Farnham on road

" alt. x fragilis Jerusalem aer -

Croc. thermophilus H. & Majus. E.P.B. Meadow Nov 18

2' 11 E.P.B

Tomodora hirsuta 2 or 3 plants

Pogonophora glauca W. " "

Oxyecus macrocarpa abundant

Kruppen Luthers.

Alone in Eden

Termination are runs S.E. from Huxford

July 6. 1920

XX. *Thymus*

Egyptian officers and

Temp 58° Yesterday & also this morning

Asch. in. tub. com. 10-20 ft. Sec.

Jul 8 1920. East Hill.

25

Concordia arvensis

Infusum procumbens

Salsola frutescens

Andropogon furcatus

Galium aparine

Compositae (7.4.10)

Concordia arvensis E.P.B.

Jul, 9. 1920 Am. Valley Stream Spring

Valley Stream

#1 *Carex comosa*

351

3 " *lucida*

7 "

" " "

Calluna vulgaris

251

Apocynum androsaemum

Andropogon furcatus

V. 10. 10. 10.

Woodwardia

Taraxacum officinale

100

Trifolium repens

200

5 *Agrostis alba*

100

Rapum *capitatum*

100

10 *Panicum microcarpum* C.A.W.

100

Menyanthes canadensis

Jul. 7. 1920 Columbia Springfield 26

#7. *Scirpus cyperinus* F.P. 18
Dec. 11. 1. EP. B.
R. 1. P. A. R.

8 *Carex Swartzii* K.M.
Juncus effusus
L. pulcherrimus
10 *Cyperus fragilis*
" "

Panicum depauperatum C. A. W.
Lyons P. A. R.

Palmetto *Epithymum* F. P.
Rumex (X *palmetto*) ? J. K. S.
" *Palmetto* F. P. *Palmetto* F. P.

Palmetto *Cyperus* 1st sec. in flower
Palmetto *Cyperus* " "
Palmetto *Cyperus* " "
" *A. Syntherisma* & *ap. v. ca. L.*
" *co. v. m. l. l. v. m. l. v. m. l.*

July 10. 1918 Old Van Dyck Farm 52

Smithtown - Good weather, sunny &

pleasant. Had lunch at the old

mill. Found 15½ quarts 22½ lb

mostly V. angustifol. Hackberry

V. angustifol. only, partly up

Plum tree

Very warm weather

Centaurus decapens at V. angustifol.

Found some very ph. top of

A beautiful warm July day.

So very much appreciated

day at the old farm.

Found some very ph. top of

stems of the happy day, of

etc. The last and only

of the last and only

July 5. 1918 A fine day

at the old farm.

Found some very ph. top of

stems of the happy day, of

etc. The last and only

July 5. 1918 A fine day

July 11, 1972 B. H. Hemphill 28

* Pure and Rockwell Area

... (C.H.) ...

... E.P.B. ...

... Th...

... E.P.B. ...

... obovata P.A.R.

... Erica...

... very succ...

Note ...

... just ...

... not yet ...

W. Hemphill

Agrostis, alba B.V.N. granular

July 12 - Hemphill ...

Carl ... (H) ...

Feb. 11. 1900. Duluth, Minn.

Rhynchospora glomerata. 6
Spartina Michauxiana 7
Scirpus Validus. K.M. 8
Juncus Bernardii 9
 " *tennis* 10
 sp. 11
Kneiffia 12
Salicornia 13
Spartina patens. 14
Scirpus robustus. K.M. = *spiculatus* 15
Spartina Michauxiana 16

17
 18
Dryopteris Spinulosa
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 100

July 17, 1920 W. H. Bigelow & T. M. Allen 32

Hempstead Harbor
Michael
Albany Filix-ferre
Aurelia Flava
S. ...
Talea ... (1 ...)
Cyperus brevifolius
Rosa ... P.A.R.
Musa ...
D. ...
Asclepias pulchra ... on flower
C. ... " ...
Angelica villosa ... Cicuta ...
Merrill
Panicum obtusum (7.14.20) # ...
Panicum obtusum B.V.N.
S. ...
T. ...
intermedia R.C.B.
" R.C.B.
intermedia R.C.B.
Bl. ...

July 7, 1924

33

Meriden

Asplenium adnigrum

Populus nigra

Lonicera hirsuta

Rosa palustris. P.A.R. *Rosa Virginiana*.

Rhus Virginiana

Spiraea latifolia

" *latifolia*

Hypericum adpressum

Nyctaginia macrocarpa 7 leaves & 1 flower

Vaccinium myrtillus 1 flower 1 leaf

Rosa Virginiana 1 flower

Trifolium repens 1 flower 1 leaf

July 11, 1924 Meriden

Asplenium adnigrum

Trifolium repens 1 flower 1 leaf
Meriden, Conn.

July 20. 1920. A.M. Garden City & Mount. ³⁴

Topidium Virginicum P. A. R.

Erysimum officinale

Nasturtium

Crocodylus *napus* E. P. B.

Rosa Virginiana P. A. R.

" " P. A. R.

P.M. Cypress Hills - Kew Gardens.

Kew Gardens

Cotyledon *speciosa*

" "

Polygonum *viridescens*

Helianthus *lilacifolius*

Polygonum *cordatum* *fruct.*

July 20. Continued. Cypress Hills. 35

Osmunda Cinnamomea R.E.B. Fern

Pedicularis virginica

Salix sp.

Juncus acuminatus Juncaceae

Eriogonum virginicum

Asplenium Milleri

Palmyra dimorpha (7.11.1920)

8 ft. & water fern

July 22. 1920 Nassau Bedwan

Avena sativa #1 grass

Agropyron repens 2 "

July 24. 1920. Central Islip

Rock outcrop - Smithton - 10

with Donald

Salix lucida - Mtn Parkway. Central Park

Hypochaeris punctata " Deser Park

Ceanothus americanus May 1920 " "

Chimaphila maculata " "

7.11.1920. 10 ft. (one in flower)

July 24. 1920. Continent.

36

Pine Barren. Swamp. Continent. Islip.

Eriophorum virginicum #1 *Cypripedium*

Rhynchospora pallida 2 "

Gaylussacia dumosa (Green fruit)

Rosa palustris var.

Asclepias pulchra

Vaccinium " *Corymbosum* EP. B. 7 Aug. 1920

2 *Abies* EP. B. " 1920

3 *Vicenum* EP. B. " 1920

1/2 " E.P.B. 1 1920

Asclepias 1920

" 1920

" 1920

Asclepias carolinensis (A.R.)

Tanacetum 1920

Tanacetum acuminatum var. #3

Compositae 1920

Asclepias 1920

Asclepias 1920

Asclepias 1920

Rosa

Tanacetum dichotomum 1920

" 1920

July 24, 1920 Continued

37

Smithsonian

Cayleya americana 777

Yucca angustifolia

Elm

Yucca angustifolia

Cayleya americana Martin Parkway near Pinckney

Polypodium acrostichoides

Botrychium virginicum

" angustatum probably R.C.B. 777

Cayleya americana

Just to be observed throughout day

Some of the following

Bostrychia

Salvia angustifolia in the field

Yucca angustifolia

Yucca angustifolia + Botrychium

Jul 26. 1920 Montauk.

38

Arrived at Inn with Edsel at 2 P.M. Breakfast day - 56° this Am at Hempstead - Remarkable Vivid warm. Butterfly-wind. Asclepias tuberosa brilliant - From Suffolk Downs all way to Montauk - The most Vivid of all our wild flowers.

P.M. The - Fort Pond.

Hypochaeris (P.A.R.)

Mariscus marit. crisp. KM.

Illegible

Typha

Typha

Juncus acuminatus

Juncus effusus

palustris P.A.R.

Scirpus americanus

Majus EP 13

Juncus Greenei

Rosa rugosa P.A.R.

July 26. *Winnipeg - Manitoba* 37

Callispermum latrocin
Rhus glabra
Desmodium

Callispermum latrocin

" "

Rhus glabra

Rhus glabra

Rhus glabra

Rhus glabra

Rhus glabra

Syringoides alba

The last of the season & the

first of the year of the year & the

first of the year of the year & the

first of the year of the year & the

first of the year of the year & the

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first of the year of the year & the

10

1.

4

4

3

—

July 21, 1921. Morning. 71.5 H. 4.

Very good. 47.

Panicum microcarpon C.A.W. 57

Taraxacum officinale

Helianthus annuus

Aster *Thalictrum*

Carex comosa

Cassia *australis*? E.P.B.

Claytonia 17, H.P.

Carex lupulina

" *lupulina* 18, H.

Stachys

Carex

arvensis

Stachys

Carex

Stachys

Poa

Stachys

Stachys

Stachys

Stachys

Stachys

July 27, 1900. Monday. N.Y. City.

Collected in A.M.

June 28, 1900. Tuesday.

Friday.

Dryopteris angustata. (Toady fern) R.C.B.

Asplenium virginicum.

Vernonia virginiana.

Carex lucida.

Sparganium angustifolium.

Dryopteris cristata or *Christiana*? (R.C.B.)

" *Mayna*. E.P.B.

Sparganium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Asplenium.

Carex tessellata. R. & A.

Rynchospora glauca

Spartina Michauxiana

2

2

"

"

"

Scirpus (R. & A.)

Panicum virgatum B. & A.

Notrochloa lanata

Cirsium (F. & A.)

Hickory A 44

Alma

Vaccinium atrococcum. E.P.B.

Hypoxis Canadensis

Dryopteris Augustum. R.C.B. Early 7am

Vaccinium

Vaccinium angustifolium. EPB

#1

" " x Canadensis. EPB

#3

" returned unnamed by EPB

#2

Curran Canada

Aug 1925 Maryland - 4 4 75 4

11-12-25 7-11-25 7-11-25 7-11-25

Rhynchospora glomerata

" " " "

" " " "

Rhynchospora glomerata

" " " "

" " " "

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" " " "

Juncus tenuis

Agrostis maritima B.V.N.

Scirpus robustus K.M. = *S. palmatus* C.F.

" *americanus* NCB

Scirpus Validus - K.M.

Mariscus mariscoides

Spartina Michauxiana

Agrostis peruviana B.V.N.

Juncus Eupii

" *dichotomus*

Juncus tenuis

" *lufonius*

Juncus Canadensis F.W.P.

Juncus dichotomus

" *acuminatus*
dichotomus

Carex Scaparin K.M.

Carex Alata - K.M.

Aug. 2, 1922

P. H. Oak St. 1

12

1. *Panicum virgatum* L. (P. H. Oak St. 1)

Claytonia F. W. P.

Panicum virgatum G. V. N.

Dryopteris intermedia R. C. B.

Cirsium discolor L.

Scirpus americanus

"

"

Juncus marginalis L.

Rumex crispus L.

Thyris flexilis L.

Castalia odorata L.

Aug 3. P.M. Mountain Woods N.W. of Inn 48

Viburnum Virginicum.

Oenothera biennis F.R.P.

Anemone Virginiana.

Sax. Fragilis folia leaf

Aster multiflorus

Sonch. oleracea.

Aug 4. P.M. N. of Inn to Summit

Knapweed

Plant. humilis
near summit

Linum

Andropogon (C. & G.)

Sax. Kali

Aug 5. A.M. By Road to Summit

Donnell Smith

Stachys

Eriophorum Virginicum

#1 cap
2 "

Carex lucida

Sax. oleracea

Trifolium pratense (7. & 8.)

Aug 5. Col. ... Montauk Point

... umbellata?

Prosopis ...

Persea ...

... lucidum (P.A.R.)

... rotundifolia

" ...

... glauca

... inflata

Aug 6 - Montauk

... ..

...

...

...

... *acuta*? ...

...

...

...

Aug 7. 1920 Montauk -

50

A.M. Juncos.

Returned to Hempstead by 1 P.M. train
with Mr. Mills & Mrs. Duval.

A memorable vacation.

The Wild indigo in profuse bloom imparts
a yellow green to the rolling dunes
so different from the pure green of
early June and the purples pinks
& browns of Autumn.

Polygala poligama & *P. virginiana*
with *Eriogonum fasciculatum* & *Suaeda frutescens*
characteristic flowers of the
rolling dunes but with beautiful masses
of Wild indigo dominating all.

In the Swamp, hollow *Capitata*,
Occidentalis in flower & *Lactuca*
and ripe & luscious fruit & *Eriogonum*
Locally, in some places the following.

Aug 7. 1920 Montauk

51

Spiraea latifolia & *S. tomentosa*,
Eupatorium maculatum.

Rosa palustris in flower masses
(" *virginiana* still in bloom in
both dry & damp ground)

On slopes above swampy places the
Gorgon Celium philadelphicum &
Very rare in damp meadows *C.*
canadense. If plants of *C.*

superbum These Celiums all quite
closely associated between the two groups.
The plant of *C. superbum* in woods toward
Culloden Point. Kneiffen occasional

but *Crocanthemum* about past-flowering.
A great happiness to wander over
these flower streams down in
the warm Sunshine.

No Golden Rods 10 days ago seen from
train going to Montauk but to day
Achillea, *Solidago*, *penicillata* in flower everywhere

71

Aug 9. 1920 P.M. Walk from Nassau Boulevard 52

<i>Chaetochloa viridis</i>	L.V.N.	Gramineae	#1
" <i>glauca</i>	S.M.	"	2
<i>Echinochloa sanguinalis</i>		"	3

Echinochloa crus-galli
Polygala verticillata Grassy roadside W. Hempstead
Chamaesyce maculata
Amaranthus retrofractus

Aug 11. 1920 W. Hempstead

Brassica nigra F.V.P.

Aug 12. 1920. Walk to Hempstead

Polemon pratensis Gramineae #1

Echinochloa crus-galli #2

Trifolium lucidum

Polygala verticillata

Aug 15 - W. Hempstead

Polygonum neglectum H.S.

Note — On Eastern end of C.T. Solitary
Junco in full bloom. (The Hempstead) W
of Hempstead ends faint yellow. Wild Indigo
full flower at Montauk - Garden Cole
East flower in fruit.

at present of constant low
water level. L. de S. Canal,
near Pointe à Pitre!

July 16, 1921. P. H. H. K. 53

Eragrostis pectinata.
Echinochloa crus-galli 2 "
Juncus acuminatus W.P. 3 "
Cyperus arundinaceus 4 "
Ayalaia purpurea +
Dillenia *Dillenia* Dick Trefoil.
 " *obliqua*

Beautiful dense masses of *Dillenia* Dick Trefoil in flower.

Falcata comosa.
Rudbeckia laciniata Golden Yellow.
Solidago odora *rugosa* *juncus biflorus*
Eupatorium maculatum *purpureum* *verticillatum*
Blapharoglossis *Blapharoglossis*
Chrysopsis falcata *Marylandica*
Hieracium scaberrimum
Hypochaeris punctatum
Aureolaria pedicularis *Olethra alnifolia*
Mimulus pepuloides *Lycopus uniflorus* *amurensis*
Lespedeza frutescens *hirta*.
Euthamia graminifolia

Loc. Laurel Hill *Polygonum neglectum* + JKS
 Garden City " " JKS
Prunella japonica Small
Carpodacus cupulata

Aug 17, 1920. Gained Hill.

54

Lycium halimifolium ^{By Thom} Malmgren Vase
Solanaceae

Richmond Hill

Meltonia hutchinsonii
" *nudiflora*
" *granulifera*.

Chaetochloa glauca.

Gramineae #1

Cypress Hills

Pellaea virginica

Rhus virginica

Desmodium illinoense

Eriogonum adpressum. K.M.

Rudbeckia hirta.

Trisetum flavum

Cyperus stuppeus K.M.

Rotala nemoralis W.P. Tooth Cup.

Thysanotus dubius. orate

Menyanthes trifoliata

Stachys altissima

Sicyos angulatus

Pericallis amplexifolia V.P.

Yucca acuminata J.P.

Potamogeton pulchellus W.P.

Eriogonum angustifolium K.M.

Cyperaceae #2

Gramineae #3

Cyperaceae #4

Eriogonum 6

" 7

Gramineae

Aquilegia

Gramineae #5

#6

Aug 17: 1920 Collected Cypress Hills, 58

Jovaria Virginiana *Euthamia graminifolia*

Solidago yuncifolia *bicolor*:

Pentstemon sedentifolius *Koeleria flexuosa*

Chamaecrista nictitans *Centella sagittalis*

Ludwigia alternifolia *Collinsonia canadensis*

Agropyron

Thysanotus marginatus Long-stalked Yellow Pimpernel

Scirpus angulatus One-seeded Bur-Cucumber

Aug 18. 1920 W. Hempstead

Cucurbit

Aug 19. { 5. S. Hempstead
Franklyn Ave. Hempstead R.R.
W. Hempstead

Cyperus esculentus K.M.

Cyperaceae #1

Charitaceae glauca

Gramineae #2

Echinochloa crus-galli

" #3

Scirpus elaeagnifolius

" 4

Talam hofmanni *Agrostis hyemalis*

Schizachyrium scoparium S.V.N. *Gramineae* 5

Lespedeza sturteii *Capitata* *Lutea*

Melilotus nudiflora *obtusifolia* *Dilleni*

Hypochaeris radicata *Hypophysis americana*

Solidago ulmifolia

Aug 20. 1920. Spring field, Valley Stream. 59

Xanthoxylum

Spring field

Phragmites Phragmites

#1 *gramineae*

Poa Compressa C.A.W.

2 "

Panicum virgatum B.V.N.

3 "

Agrostis peruviana B.V.N.

4 "

Baptisia tinctoria (fruit)

Valley Stream

Juncus canadensis

#5 *Juncaceae*

" "

6 "

Juncus tenuis C. F.W.P.

7 "

Scirpus eriophorum R.A.

8 *Cyperaceae*

Arabis Spinosus

Arabis racemosa

Spartanum Androcladum

Panicum latius obtusum

9 *Gramineae*

Ludwigia alternifolia

Oxipolis rigida

Eriophorum Virginicum - Americans - uniflorous

Pericallis punctata - Dotted or warty Small - warty.

Callitriche heterophylla

" "

Hypericum mutilum

Boehmeria Drummondii

Aster Spectabilis - patens - divaricatus

Dooleyana umbellata

Callitriche Canadensis

Melospiza Dilloni - Nuthatch - Grasshopper

Aug 20: 1920 Conlinus Valley Stream. 59

Meibomia paniculata
Cardinal Flower.

Magnificent plants

Woods S.W. of Plattsdale

Dryopteris Hexagonoptera

Athyrium Filix-foemina

Quercus rubra

Agaricus 1 Gyrocephala

2 Rostellata P.A.R.

3 Gyrocephala or Sticta P.A.R.

4 Rostellata P.A.R.

Solidago - helminthi-
dactylus
allium + corned corn
E.P.B.

Solidago Allium
Isotria medeolae Marsh. Pasture. Onagraceae

Vernonia heterophylla Scutellaria latifolia

Trisetum virginicum Marsh. Anyer.

Meibomia paniculata - Grand flower multiflora paniculata

Monarda uniflora

Polypodium acrostichoides. Asplenium platyneuron

Dryopteris acrostichoides Boehmeria cylindrica

Glycyne alba Asplenium purpurascens (bad)

Adiantum pedatum. Osmunda cinnamomea

Aug 21, 1920 A.M. Walk all around Humboldt
Reservoir 60

Thedum gracile
Panicum virgatum B.V.N. #1 *Gramineae*
Salix alba
Rhynchospora glomerata 2 *Cyperaceae*
Bartonia Virginica
Sericocarpus asteroides #4 *Scroph.*
Nabalus trifoliatum
Mitromia rigida *Mischauxia*
Scirpus Euphorum K.M. 3 *Cyperaceae*
Lespedeza hirta #1
" *leucocoma* #2 } all *Gramineae*
" " #3 } *legumin.*
" *Nuttallii* #4 }
Eupatorium americanum "
Cypripedium *parviflorum* #4 *Cyperaceae*
" *striatum* 5 "
Erythronium americanum
Galium pilosum *Brassica napa* F.W. 2
Hieracium Scaberrimum *paniculatum*
Aureolaria pedicularis *Erythronium americanum* *uniflorum*
Tomatella lanatifolia *Polygonum nepetifolium*
Agalinis purpurea *Eriogonum septangulare*
Gaylussacia frondosa *dumosa*
Vaccinium *brutum* now about gone &
Blue & Black Huckleberries, *Gaylussacia*

Aug 21. 1920 Hampstead Reservoir Glenwood 61

Fraxinus v. baccata Now ripe & abundant.

Black Chokeberries, soon again ripe.

Elder berries & Wild black cherries
ripening. Now is the season when
many parties are found through the
woods & thickets gathering the fruit.

Aug 23. 1920. A.M. Walk to Monksville

Agalium acuta - Many in flower

Lochner minor

Eupedya capitata. *angustifolia* hybrid

Asclepias verticillata

Aug 23. 1920 P.M. Woods N. of New-Garden 62

Echinochloa crus-galli #1 Gramineae

Sagittaria graminea? (F.W.P.)

Cuscuta frutescens.

" *capitata*.

Cycopus arvensis.

Verbena rigida

nudiflora. paniculate obtuse

Viburnum prunifolium (A.R.)

Echin. villosa

Aralia tenuifolia

Eupatorium sessilifolium

Angelica villosa.

Centaurium virginicum

Datura canadensis

(fruit)

Helianthus divaricatus.

Aster divaricatus

Collinsonia canadensis

Silene stellata.

These woods have both a greater abundance & more species than any I am familiar with.

Collinsonia *Silene stellata*, For Pye wood

Every where in flower with large

mosses in places of *Centaurium virginicum*

Aug 26: 1922 Hempstead Plains
Isle of Pines & Meadowbrook 63
with Mr. Alexander Burskov.

Meadowbrook.

<i>Scirpus debilis</i> .	# 30	<i>Cyperus</i>
<i>Stenophyllus capillaris</i> ? (Ax. 5s.)	29	"
<i>Eriocaulon septangulare</i>		
<i>Viola pedata</i>		
" <i>finlaysonian</i>		
" <i>lanceolata</i>		
<i>Panicum longifolium</i> . b.v.N.	8	<i>gramineae</i>
<i>Juncus canadensis</i> .	7	<i>Juncus</i>
<i>Stachys atlantica</i>		
<i>Cyperus stygius</i> . (Ax. 5s.)	6	<i>Cyperus</i>
<i>Rhynchospora alba</i> . (Ax. 5s.)	5	"
" <i>glomerata</i>	4	"
<i>Carex albolutescens</i> ? (Ax. 5s.) RM.	3	"
<i>Juncus marginalis</i> . (Ax. 5s.) JWP	2	<i>Juncus</i>
" <i>acuminatus</i> . JWP	1	<i>Juncus</i>
<i>Spartanum americanum</i> . P.A.R.		
<i>Sagittaria latifolia</i> . <i>Syrus flexuosus</i> .

Aug 26, 1920 Continent Lake 7 Pines		Hempstead Plain	64
<i>Juncus Greenii</i>	# 28	Juncaceae	
<i>Schizachyrium scoparium</i>	B.V.N. 27	Gramineae	
<i>Sorghastrum nutans</i>	26	"	
<i>Echinochloa crus-galli</i>	(A. G. S.) 25	"	
<i>Juncus Greenii</i>	24	Juncaceae	
<i>Juncus tenuis</i> (A. G. S.)	23	"	
<i>Cyperus filiculmis</i> R. & W.	22	Cyperaceae	
<i>Cyperus filiculmis</i>	21	"	
<i>Eriophorum integrum</i>	20	Gramineae	
<i>Panicum capillare</i>	19	"	
" <i>altissimum</i> C. A. W.	18	"	
<i>Panicum dichotiflorum</i>	17	"	
<i>Poa compressa</i> C. A. W.	16	Cyperaceae	
<i>Stenophyllus capillaris</i> (A. G. S.)	15	Gramineae	
<i>Scirpus dichotomus</i>	14	"	
<i>Syntherisma sanguinalis</i> B. V. N.	13	Juncaceae	
<i>Juncus Greenii</i> ? (A. G. S.)	12	Gramineae	
<i>Panicum virgatum</i> (A. G. S.) B. V. N.	11	"	
<i>Andropogon furcatus</i> (A. G. S.)			
<i>Hieracium Gronovii</i> aster dumosus			
<i>Elephantella ciliata</i>			
<i>Crataegus crus-galli</i> W. W. E.			
<i>Betula Molis</i> Parkm.			
<i>Metopium Canadense</i>			
<i>Opuntia flexilis</i>			
<i>Ulmus</i> <i>Campestris</i> ? (A. R.)			
<i>Syntherisma sanguinalis</i>	# 10	Gramineae	
<i>Setaria glauca</i>	9

Aug 27. 1920 Greenport - C. J. Howell. 65

Boat House with Edith Rom

P.M. Moors Woods with Edith

Polygala. ambigua. (R.C.B.)

Circa arundinacea

#1 grasses

Dracopis 'intermedia' (R.C.B.) 4 shrubs

Agrimonia eupatoria ✓ P.A.R.

"

"

"

Cynoxylon flodum (A.R.)

Carex intumescens

#2 *Cyperaceae*

" *lucida*

3

"

Juncus tenuis

4

Juncus

Juncus flava

5

graminifera

Aug 28. 1920 A.M. Rocky Point - part-way to 66

by bluff & return by beach with Edith

Solidago nemoralis. *Simpsonii*. *altissima*

Harknessia juplensis.

Cakile edentula

Chenopodium album

Ammophila arenaria

#1 Graminae

Decodon verticillatus.

Aster salicifolius

2

"

Bromus tectorum (L.W.P.)

Trifolium flavum

3

"

Crepis capitata

Xanthoxylum commune R.C. P.A.R.

Chamaecrista fasciculata

Urtica gracilis

Aster multiflorus. *Ericaceae*. *patens*.

Botrychium obliquum. (R.C.B.)

P.M. Orient with Mr. Roy Cushman

Cakile niflora

Sedum rupestris

Platanus occidentalis

Echinochloa Wallen (R.C.)

Gramin #4

Dorstenia linearis J.K.S.

dark green

" " J.K.S.

light "

Oenothera virginiana (R.C.)

Metopium canadense

R.C.

Picea rubra (R.C.)

} Collected by
Mr. Roy Cushman

Aug 28. 1920 Continued

Orient. C. J

67

Triglochin Scolarium. (R.C.)
Distichlis spicata (R.C.) #5 grasses
Salicornia Biglowii
 " *Eurostachys*
 " *ambigua*
Elymus halophylus (R.C.) #6 grasses
Tripsacum dactyloides (R.C.)
Heliopsis scabra *gigantea*
Polygonum verticillatum
Spartina Michauxiana C.A.W. #8 grasses
Cornus { *stolonifera* (R.C.)
 maritima
Agalinis maritima *propria*
Aster tenuifolius
Vaccinium angustifolium

Very interesting wooded island in Salt Marsh
 with a few old trees of *Picea canadensis* &
Yucca, with *Triglochin Scolarium*,
Salicornia & *Calidris* common in part.

Aug 29, 1920 All day trip with Mr Roy 68
 Catham about Greenport & Southold
Southold

<i>Agropyron Rostrata</i>	W. T.	R. C.	P. A. R.
<i>Geum Tharum.</i>		R. C.	
<i>Juniperus Silvea</i>		R. C.	
<i>Junco pascuarius</i>		R. C.	
<i>Cyperus</i> { <i>filicinus</i>		R. C.	
{ <i>Nuttallii</i>			
<i>Hypericum boreale</i>	(W. T.)		
<i>Urtica Canadensis</i>	Beckii.	<i>Gracilis</i>	(W. T.)
<i>Cyperus Grayii</i>	(R. C.)		
" <i>diandrus</i>	(R. C.)		
<i>Spartina pascuaria</i>	A. C.		
<i>Junca dichotoma</i>	var. <i>polyphylla</i>		Det. K. M. V.
<i>Junco Canadensis</i>	(R. C.)		
<i>Pentstemon digitalis</i>	W. T.		
<i>Koeleria incana</i>	(R. C.)		
<i>Cyperus adpressus</i>	W. T.		
<i>Cyperus minor</i>	W. T.		
<i>Phacelia polystachya</i>	W. T. H. P.		<i>Falacina</i>
<i>Solidago speciosa</i>			
<i>Melilotus alba</i>			
<i>Salix ulmifolia</i>			
<i>Eleocharis acicularis</i>	(R. C.)	A. R.	
<i>Verbena venosum</i>			
<i>Solidago aspera</i>			

→

Aug 29, 1920 Continued

Sourholt

69

Elatine minima

Potamogeton dimorphus (R. E.)

Oenothera heterophylla (R. E.)

Grasses

Quercus bicolor

Scirpus cyperinus K. M.

R. E.

Juncus acuminatus F. P.

Eleocharis obtusa (R. E.) K. M.

Rhynchospora capitellata

Carex lupulina (R. E.)

Panicum hydrophoides Fernald

Proserpinaca palustris

Zonaria palustris

Populus heterophylla

Sparganium ciliare (Fernald)

Cinna arundinacea

Viburnum venosum

Phytolacca leptostachya R. E.

Medeola virginica

Lycopus obscurus

Gallium Claytonii

Aug 29. 1920 Greenport Collected 70

Zizania unifolia

Potamogeton pubescens

Zizania sessilifolia

Utricularia geminiscapa (R. G.)

Potamogeton Oakesianus (R. G.)

Catharallinum Virginianum

Agamonia Becknellii P. AR.

" *Gaylussacella* P. AR.

Homaloxandrus dryzoides (R. G.)

Sperdula polyrhiza (R. G.)

Temma minor (R. G.)

Beautiful Country, rolling & wooded -
Most interesting forest in old sand
dunes - a beautiful lake - Sun
shining on this scene of water woods
& white sand enhancing. Lake
wooded to water - no beach on lake

Sept. 2, 1920. Laurel Hill

71

Amaranthus blitoides L.

Polygonum neglectum M.

Xanthium Complanatum P. A. R.

Salicaria perfoliata

Mineola

Sorghastrum nutans L. Gramineae # 1

Eragrostis Purshii B. V. N. " 2

XV Hempstead

Amaranthus hybridus

Cyananthus

Polygonum neglectum M.

Eragrostis Purshii B. V. N. Gramineae # 3

Sept 3. 1920

Kissena. Flushing

72

Cornus. #1	Yelkum	(A.R.)
2	Amelanchier	(A.R.)
3	"	(A.R.)
4	"	(A.R.)
5	"	(A.R.)
6	"	(A.R.)

Agave americana #1	Gynopsephala	P.A.R.
2	Gynopsephala	P.A.R.
3	Gynopsephala	"
4	Gynopsephala	"

Cinna arundinacea	#1	Gramineae
Homalocenchrus virginicus (S.V.N.)	2	"
Scirpus atrovirens K.M.	3	Cyperaceae
Syrthecisma sanguinalis	4	Gramineae
Pizoma aquatica	5	"
Juncus flava	6	"
Homalocenchrus oxyzoides S.V.N.	7	"
Cinna arundinacea	8	"
Echinoclon. Ous-galli	9	"
Scirpus eriophorum K.M.	10	Cyperaceae

Comma mena.

Cyrtium salicaria. Spiked or Purple Coolest life
Typhoid red

Sept 3, 1920 Kussena. Flushing Extension

73

- Polygonum neglectum* J.K.S.
- Solidago serotina-gigantea*
- Natulus trifolialis*
- Meibomia canescens* wet.
- Rumex Britanica* wet.
- Coltium salicaria* Spikes purple flowers
- Viburnum pentago* (A.R.)
- Babingtonia dissectum* R.C.B.
- "
- Comarostaphylis* Morrowi } (A.R.)
- " " }
- " " }
- Callis cuneifolia*
- Natulus*
- Onoclea sensibilis*
- Solidago patula*
- Ostrya virginica* ? many trees
- Juncus bicolor*
- Aster multiflorus* pinnatus - very few
- Helianthus giganteus*
- Chelone glabra*
- Mimulus angustatus*
- Scutellaria latifolia*
- Potamogeton ephedrus* *Peltandra virginica*
- Eleocharis scabra*

Sept 4, 1920. Canby's Swamp Litchfield 74
✓ Central Islip with Mr. Herman Taylor.

Aster spectabilis. *patens*. *dumosus*. *Ericoides*.

Ionactis linearifolia

Doeringia umbellata

Eupatorium verticillatum. *maculatum*.

Cacinaea leucosa.

Meibomia marylandica. *obtus*. *multiflora*.

Desmodium illinoense. *pubescens*. *puberulum*. *hirs*. *capitata*

" *angustifolia* *virginica*

Juncus canadensis.

#1 Juncus

Cyperus uniflorus

Eleocharis obtusa. *R.*

#2 *appressum*
3 Juncus

Juncus acuminatus. *F. & P.*

Agalinis virgata. *Holmeana*.

Serratula pedicularis.

Solidago acutifolia. *uniflora*. *neglecta*. *Elliottii*
bicolor *variosa* *puberula*

Calamagrostis cinnabae. *4 graminum*

Cyperus obscurus. *adpressum*. *aliprurum*

Azalia viscosa var *glauca*. (A.R.)

Sparagnum angustatum. P.A.R.

Myrica carolinensis

Polygala lutea. *cruciat*

Euphorbia virginicum

Cyperus #5

Archipogon glomeratus.

gramin #6

Sept 4, 1920. Central Bluff Swamp. Continental. 75

Gaschussaca demissa.

Blephariglotis Blephariglotis

Epilobium palustre var. *var.*

Eleocharis acicularis KM.

Cypraxen #7

Thidium crinum.

Xyris flexuosa

Entering the woods came within a few feet;
could have touched it with my cane of a hornet's
nest a foot in diameter, the kind that is
suspended from trees, swarming with
black & white striped hornets.

Backed out without harm. Another step
& I would have been right out of it.
A narrow escape!

At Edge of pond disturbed a large
black-snake that made off with
incredible speed.

Sept-6. 1920. Woods between Hellside 76
+ Queens North of & on hillside.

Ran to rain just as I got Paul,
Started in woods. & So returned home

Agrimonia rostrata. PATR

Weibomia Silleni. paniculata. nudiflora. obtusa

Pastinaca sativa

Wild Parsnip?

Cynoxylon floridum

Aster undulatus (rat-7 season)

Erpogon virginicus.

Sept 8. 1920 to Montauk by Automobile 77
with Edith Donald & Mr Taylor.

Started at 8; arrived at In at 5;
lunched on Suffolk downs. Beautiful day
Mouchers!

Bidens laevis. E.E.S.

Juncus pelocarpus

Pedicularis prunella

" *punctata*. J.K.S.

Cyperus filicinus

#1 *Cyperus*

" *strigosus*

2 "

Good ground

Euthamia leucophylla

Rosa carolina x *palustris*. P.A.R.

Juncus Gerardi n.p.

Cepidium neglectum. P.A.R.

Verbena nudiflora. N.Y.S.

Crepedia rubella - Easthampton.

Blitum balticum ?

Sept. 8. Continued

Montauk

Cacina *leucorhynchos**Hippolytia leucorhynchos**Scirpus americanus*# 3 *Cyperus**Polygonum aviculare* det. EPBSept. 9. Montauk Point + Oyster Pond
with Mr. Taylor. Oyster Pond*Polygonum maritimum**Scirpus debilis**Cyperus diandrus*# 1 *Cyperus*" *strepens*

2

"

Panicum dichotiflorum

3

gramineae

"

"

4

"

Rumex crispus *garioides* = *maritimus* var. *virginicus* det. W. G. F.*Eclanochloa Wallrovi*

5

*gramineae**Cyperus debilis*

6

*Cyperus**Typha americana**Sesuvium maritimum**Spartina stricta*

7

*gramineae**Juncus maritimus*

Sept. 9. 1920 Oyster Pond Continued 79

<i>Cyperus filicinus</i>	#8	<i>Cyperus</i>
<i>Cyperus rivularis</i>	9	"
<i>Chenopodium rubrum</i> B.K.S.		
<i>Pinnosella aquatica</i> var. <i>tenuifolia</i>		<i>Scrophularia</i>

Morham Point (East of Oyster Pond)

<i>Salix eriocephala</i>		
<i>Hieracium Linnovii</i>		
<i>Panicum obtusa</i>	#10	
<i>Polygala cruciata</i>		
<i>Juncus Canadensis</i>	11	<i>Juncus</i>
<i>Panicum virgatum</i> B.V.N.	12	<i>Gramineae</i>
<i>Xyris flexuosa</i>		
<i>Amorpha canescens</i>	13	<i>Gramineae</i>
<i>Anagallis arvensis</i>		
<i>Spartina patens</i>	14	<i>Gramineae</i>
	15	"
<i>Carex Carolinensis</i>	16	"
<i>Xanthoxylum</i> E. n. s. l. P.A.R.		
" <i>Communi</i> P.A.R.		

Urtica - *Celastrus* *glaberrimus*
Carex *flacca* *subulata* *diversa* *multiflora*
patens etc.

7

Sept-9. Montauk Point Continued.

80

Sandwichia nemoralis, Rydberg

Hypochaeris borealis, Canadensis.

Azalea purpurea

Chrysopsis marian.

The two last - abundant & green

Color to the dorsals.

Sept-10. Montauk Started AM. with
Mr Taylor for Oyster & Reed ponds
but turned back by pouring rain.

P.M. 2nd Small pond Road to Culloden Cr.

Pericoma opulens, Fernald. Small #1 *Cyperus*

Cirsium procumbens.

" *fulgens* x

Macromia marylandica

Juncus dichotomus -

Eriochloa Engelmanni K.M.

Potamogeton demophrus.

" *palcher*

Myriophyllum humile

2 *Juncus*

3 *Cyperus*

Sept 10. 1920 Small pond Culloden Road Exeter 181

Rotala Ramosior

Panicum Vagabundum B.V.N.

Sorghastrum nutans

Myrophylloides humilis

#4 Gramineae

5 "

Agalinis acuta

Solidago speciosa

Sept 11. 1920 - Easthampton - Edgartown
Dredged by Mr. Taylor. by Car.

Napeague Marshes

Spartina stricta B.V.N.

Dondia linearis J.K.S.

#1 Gramineae

Salicornia europaea

Salicornia strobilifera

Plantago maritima

Gerardia Caroliniana

out of water

Cyperus filiformis

#2 Cyperaceae

Smagnum

Helianthus strumosus Nutt.

Sept. 11, 1920 Easthampton.

82

Aster undulatus (1st y Season)
" *novi-Belgae* "

Eriodorum sempervirens
" *neglecta* - *unifolata*.

Juncus tenuis. #3 y Season
Doellingeria infernalis. Umbellata.

Blit. hirsutella *Bl. hirsutella* (Fr. P.)

Pinus strobus

" *rigida*

Fernipus acanthis. (Grass)

White Pine scattered thru these woods
about Swamp on Road from Easthampton
to Sag Harbor. Proof of much having
been cut in past, but a number are
left scattered over a wide area.

In one place many young trees
generally 4 to 6 ft high.

Mrs. Norman Taylor & Barrington Moore
believe them to be indigenous.

Sept 12, 1920 Montauk with Donald 83

Reed & Oyster ponds

Reed Pond

Palangium bupleuroides ✓
Valeriana spiralis

Pericaria - *Selacium* - Fernat. Small
Heracleum lanatum - FWP, Under clear

Solidago rigida

Eupatorium altissimum D.C.B.
" *altissimum*

Carex lucida #1 *Cyperus*

Rumex verticillatus

Helianthus strumosus - FWP Woods

Heracleum lanatum (N.P.) Very dense large leaves

Carpinus caroliniana

Helianthus strumosus Open field

Andropogon furcatus #2 grasses

Callispermum canadense

Salix nigra

Elatine graminea

Valeriana spiralis

#1 grasses
2 "
3 "

Botrychium obliquum (R.C.B.)

Sept 12, 1920 Reed pond continued

Rich Woods largely Hornbeam. (Campanula Carolinae)
 Reed, Swamp, shores of pond Rumex verticillatus
 Common

Helianthus glandulosus - Shrub with tall trees
 Entirely of this; can be seen from far off.
 spreading.

Oyster pond

Aster nov-belgii. dumosa small number

Timosella aquatica var. *tenaxifolia* # 2

Cornus americana (A.R.) # 2

Menyanthes Canadensis P.W. # 2

Plantago Major-hedophila not N.Y.

Hypericum - *magnum* not N.Y.

Epilobium coloratum

Juncus Canadensis # 3 *Juncus*

Cornus americana (A.R.) # 1

Sesuvium portulacastrum

Polygonum neglectum

Phlomis capillare

Helianthus Scandens

Solidago neglecta *rugosa* *viridis* *serotina*

Sept. 12. 1920 Oyster pond Continued 85

Wenken *Canadensis*. P.W.

Cyperus filiformis

#4 *Cyperus*

Spartina Michauxiana

5 *Gramin*

Cyperus dentatus

6 *Cyperus*

Cyperus diandrus

7 4

Polygonum neglectum. H.K.S.

Xanthium Commune (P.A.R.)

agrostis #1

Elatine minima

" #2

Isnarden palustris

Eriophorum virginicum

Sagittaria procumbens. H.P.

Sept. 13. 1920 S. End Great pond ^{with} Donold

Sparganium lucidum

Microstichum Gronovii

Plantago. major N.P. wet

Sium Cicutaefolium. (7 m.)

Agalinus acutus H.P.

Carduus odoratus H.P. Linell. 15 m.

agrostis

Sagittaria procumbens

Sept. 13. 1920 Montauk Point with Edith & Donald. Donald fished - no luck
Equisetum inundatum
Solidago neglecta. Swamps.

Sept. 14. AM N. End Great Pond Edith & Donald
Xanthium Common. P.A.R. Top of Hill at Iron
Scrophularia leporella
Melilotus obtusa
Echinacea sagittifolia

P.M. Reed pond with Donald
Aster latifolius? *Rosa-aphylla*. *dumosus*.
punicus? *divaricata*. (Canadian?)
Solidago (albescens or *Canadensis*? *rufosa*?)
rufosa - several forms. *Speciosa*
non ovalis.
Helianthus divaricus / J.W.P.
Rhus hirta ✓
Viburnum venosum ✓
Potamogeton - 70 ft. (No fruit) *Agrostis* ✓
Callasium Canadensis
Alnus rugosa

Sept 14. 1920 Reed pond Montank Entom 87

Benjoni arthropods

Corylus. ———

Desmodium Canadense

Asplenium - Gaylussacia PAR

Sorbus.

Teplamnium Virginicum. ✓

Athyrium Filix-foemina

Osmunda Cinnamomea.

Dryopteris Noronensis

" Thelypteris.

Cuscuta americana.

Urtica dioica (1 Small shrub)

In the Ailanthus forest of many hundred
acres undergrowth very thick choked
with small Ailanthus & other herbs
Common to the other woods

The adjoining woods principally white & black
oak hickory gum. Also Myrica
verticillata.

Very impenetrable undergrowth, small stream

Sept 14. 1920 Reed pond Montauk Eastern 188
+ Spring St. Much wild grape very large
fruit (*Vitis latifolia*)

Reed pond well named - almost impenetrable
undergrowth on S.E. side - shore swampy
with tall reeds & *Rumex verticillatus* just
inside shore.

Sept 15, 1920 Montauk.

88

No Collecting to day. This morning Donald brought in 150 to 200 lbs fine Beach plums he picked alone.

Sept 16 Left town by Motor 9.20,
arrived home 3.30.

Great River

<i>Ceratophyllum demersum.</i>	F.W.P.	#1	agustus
<i>Callitriche</i>	F.W.P.	(20 fruit)	2 "
<i>Comma minor.</i>			

Billamere.

Spartanum androclitum P.A.R.

Sept-17-1920 Rockledge Van Maten Parkway and 89

Central Park

Echinachloa Cus-galli #1 grasses
Cyperus americanus
Centauria v. ochinensis. Fr. P. T. and K. K. K. K. K.

Deer Park Woods

Plantago Rugellii.
Botrychium virginianum (R. C. B.)
Mertensia Michauxii
Agrostis Bicknellii. P. A. B.
Centaurea cyanusoides

Rockledge

Hypoxis canadensis. P. A. B. Red flower Small sp. leaves. Flowers
Sagittaria Virgata var. Fr. P.
Rumex crispus alba #2 Cyperus
Juncus procarpus 3 Juncus
Aster nov-belgii
Toxopodium innotatum
Hudsonia ciliolata
Marrubium maritimum #4 Juncus
Cyperus filiformis K. M. 5 Cyperus
Cyperus dentatus 6 "
" " 7 "

Sept 17. 1920. Runkontkoma. Continued. 96

Cypripedium dentatum. #8 Cypripedium

Tuncus Greenii 9 Tuncus

" *Canadensis* 10 "

Toxopneustes unilobus. v. p.

Carpenteria 1. violacea

" 2. *gustaviana*

" 3. *virginica*

Passiflora pectinata

Sparganium americanum P.A.R.

Eubanksia laciniata (Juss.)

Sept 18. Woods N. of Hillside then to
Luccas - All day Ramble.

Luccas.

Aquilegia pubescens. P.A.R.

Ambrosia artemisiifolia. P.A.R.

off. Grass

Carex squarrosa. R.M.

#1 Cypripedium

Potamogeton perfoliatus v. p. P.M.

Riccia fluitans (N.A. Howe) algae! #1 Aquatic

Dryopteris filix-mas (L.) Presl. Moss. 2 "

Bellevue. Quercus & Hillside

Aster macrophyllus - *Securifolius*

Toxopneustes rubellus

Sept-18. 1920 Colmar - Holland to Lumb. W. 91

Mitomena obtusa.

Cyclopas Nuttallii

Stachys Atlantica.

Agropyron *g. y. prospila* PAR

" *Bicknellii*

Hedeoma pulegioides

Lonicera Canadensis. 7. 11 P.

Prostrate.

Panicum Capillare

#2 Grasses

Aster macrophyllus - securiformis

Leptandra Virginica (fruit)

All through the woods *Agalinis tenuifolia*.

Collinsonia Canadensis.

On abandoned field overgrown with

Betula populifolia 2-4 ft tall.

Sept-19 Hedyer C. X. Club Garden Cal.

Composita anemum. (A.R.)

Distilla Florida or hybrid. (A.R.)

Sept 23. 1920 Shoreham C. T. with Edith 92

Arrived at Shoreham Inn shortly before 7 P.M.
Only guests.

Sept 24 Walk along beach E of Inn.
A.M.

Agrostis spina (R.C.B.) *Athyrium filix-femina*
Belack vulgaris
Anemone hepatica #1 *Gramineae*
C. vulgaris
Fucus - *Pittoralis*
Elymus virginicus #2 *Gramineae*
Atriplex hastata H.K.S.
S. humm. *Echinaster* P.A.R.

Wild Black Cherry & Black plum about only
shrubs & trees at foot of bluffs on beach.
Fine beach, clear water & fishing gear
headlines fading in the distance (a hazy
warm morning) very much. Poison very
Solidago sempervirens. *Hemerocallis* *lupulina*. *Asper. bracteata*
Asplen. Encrinurus. *diviculus*. *Cornus* *Cordifolia*
latifolia (1 plant) *palustris*
Locust - very abundant here.

Sept 24. 1920 P.M. Deep Pond Wading Run 73

Melampyrum lineare

Lycopus sessilifolius

Neopinus marian. Swamp 6 ft high Stagger Bush

Platanus occidentalis

Asclepias verticillata (fruit)

Cyperus dentatus

#1 *Cyperus*

Deep pond small almost circular, water now
Very high many land plants in it 2 ft. of water
Swamp at one end with shrubs *Nacumora*, *Vaccinium* & Stagger bush.

Woods *Pinus rigida* & Post, white, black

Scarlet & Scrub oaks Some White birch

& *Populus grandidentata* & locusts -

Undergrowth principally *Vaccinium*.

Deciduous plentiful on sandy shores of pond
Flowering leaves of *petalostemon* & *Brasenia* at one
end only aquatic seen.

Ericocarpus linifolius

Ionactes linearifolius

Solidago patula *rugosa* *viridis* *numm.*

Euthamia leucophylla

Salix

Sept 25, 1920. Shoreham. A.M. wind E. 94

Beach west of Inn. & Bluffs

Zonactis linearifolia

Schizachyrium scoparium B.V.N. #1 grasses

Dryopteris marginalis

"	"	1	Fern
"	"	2	"
"	"	3	"
"	"	4	"
"	"	5	"
"	"	6	"
"	"	7	"
"	intermedia	8	" R.C.B.
"	"	9	" R.C.B.
"	" R.C.B.	10	"
"	"	11	"
"	spiculosa "	12	"

Polypodium vulgare

Polypodium acrostichoides

Amnophila arenaria Blue grass #2 grasses

Xanthoxylum Echinatum P.A.R.

The cliffs west of the Inn as far as we walked less wooded than to the East on the slopes down to the shore

Sept 25. 1920 P.M. Long pond. 95

Long pond like Deep pond is a Pine-barren
glacial lake bordered by swamps.

Trees white black scarlet- scrub & scrub.
Chokeberry with *Penus rigida*. Much

Vaccinium & *Myrica carolinensis*

Just-escaped a large hornets nest (paper)
on ground & inhabited in swamps.

Fort plenty of deer on sandy shores -
Lake very high.

Myrica maritima

Xylosma ligustrum

Eubolus racemosa.

Aster Canadensis dumosus

Salix Myrica aspera. bicolor alba
Myrica

Euthamia tenuifolia

Ionach. linaria folius /.

Myriophyllum humile. Holcragedacum.

Geckia tenuifolia. Martiana. Villosa.

Coryopsis rosea.

Agalinis purpurea #11.

Carpodacus leucurus.

Catalpa

Fimbristylis autumnalis K.M. #3 *Cypripedium*

Sept. 25. 1920 Long point. Wading River ^{Continued 96}
Fuirena squarrosa #4 Cyperaceae
5 Gramineae

Trichostema linearis W.P.
Bidens ciliata (E. & S.)
Andropogon furcatus

Sept. 26 - To Tarry (west) for collecting A.M.
Prunella pennsylvanica Bluff at 2 mi

P.M. Short walk E of 2 mi by road
Return by track
Aster lateriflorus

Sept. 27 - Returned home 7 A.M. train.
weather had been fine, very warm, foggy
until 9 or after - Summer temperatures

Sept. 28 - Garden path W. Hempstead
Polygonum neglectum JKS

Oct-2.1920. Deer Park. Smithtown 97

Cold Spring Harbor with Mr Buggs & Mr Allen
All day trip by Motor. Beautiful clear
Cool day. Temp 7 A.M. 42°.

Cold Spring Harbor.

Fish Watching.
Fishes. Fragiles. Bull's Tern. R.C.B.

Swampy Woods

Asplenium platyneuron. Ebony Sphernwort.
Bolophium obliquum

Smithtown. Swampy Woods.

Blaphoglossis Blaphoglossis. Fr?
Tycopodium obscurum. *lucidulum Confertum*
Athyrium Thelypteris
Peranema pulchrum
Dryopteris *Cristata*. R.C.B.
" *Cristata* *Gulfed Shield* " R.C.B.
" *Boottii* *Boots* " " R.C.B.

Sparganium Americanum P.A.R.
Bident. Canatn. E.E.S.

Oct 2. 1920. Continued. Emisthon Cold Spring 70, 98

Swamp Woods. Emisthon

Osmunda Cinnamomea

Dryopteris Simulata

" *Thelypteris*

Botrychium Siliculatum

" *dissolutum*

Mr. Briggs identified 12 species 7 from in
these Emisthon woods.

Woods. Pine-trees. Motor Parkway about 2nd Deer Park

Botrychium obliquum

"

Hypolepis insignita F. & P.

(Common)

Pennsylvanica

Aster undulatus

Corallorhiza maculata Gay & Corall. hort. (P.W.)

" *odoratissima* L. & Small " " hort. (P.W.)

Festuca cuneata

Oct 3. 1920 P.M. Hempstead Reservoir 99

Nelanthus luteus

Aster violaceus

" *punicus*. var. *hirsutus* undulatus *clavatus*
ericoides *divaricatus* *paniculatus*.

Oct 5. 1920. Wyandanch to Baby Ln.

Explored Wyandanch stream to source
trying to find Pitcher-plant. A
doctor friend of Mr. Norman Taylor re-
ported seeing it there. Could not find
it. Poison sumac very beautiful
now. Maybe the earliest swamp here
to change. Found no larch at head
of stream but very small expansions
into small ponds or pools here & there
in its course.

Wyandanch

Vesicularia purpurea. J.H.B.

Sphagnum androcedrum

"

"

"

American

D. A.R.

P. A.R.

P. A.R.

aquatic

Pond

stream

R.R.

Woods

Oct 5. 1920 Wyandanch Conference 100

Vitruvium - Cassinoides or medium

Lycopodium Americanus.

" undulatum E.P.B.

Platycodon aquileum RCB

Fern

Rosa. palestinensis

Potamogeton - no fruit

Bidens frondosa. E.E.S.

Cochlea minor - maximum

Xanthoxylum (fruit)

Aster heterophyllus, dumosus, undulatus, Virginicus, mucronatus
spectabilis.

Balylon

Aster paniculatus

Hypericum canadense (fruit)

Saururus ceterach (fruit)

Gallium mollugo (leaves)

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